

CASCADE DRILLING

DAILY DRILLING REPORT

Company Limited

RIC No. 17 COMPANY

LOCATION

Turn - Midnight - 8 a.m.

Specify Actual Hours Worked **hrs.**

DRILLER *Wm O'Leary* 7

DERRICK *Ho Jack* 8

MOTOR *W.S. Smith* 1

FLOOR *Amerton* 8

FLOOR *Walter Zuck* 8

FIREMAN

EXTRA

INJURIES *Nil*

FIRES

FROM FOOTAGE TO HRS ON BT DRILL STRIP (1000 LBS) NO. OF COLLARS

13473-61

NO. 1 PREP. SURE **1350** MODEL **102** S.P.M. **35** LINES **44** SIZE **3 1/2**

NO. 2 PREP. SURE **1350** MODEL **102** S.P.M. **35** LINES **44** SIZE **3 1/2**

MUD 12 M. 2 A.M. 4 A.M. 8 A.M. ADDITIVES

WEIGHT 10.2 10.2 10.1 11.5

VISCOSITY 45 45 47

GEL

BT DRILL STRIP 116365 307

DRILL COLLARS NO. 0 D 1 D HGT

FUEL GALS

WATER GALS

COAL TONS

AT SURVEYS DES. 4ER

MOTOR HOURS

NET CHG.

DEPTH 116365

CONDI.

GENERAL

R.L. 1.6 **F.C.** 1/2 **M.T.** 7.5

Turn - 8 a.m. - 4 p.m.

Specify Actual Hours Worked **hrs.**

DRILLER *Robert Baker* 8

DERRICK *Ho Jack* 8

MOTOR *W.S. Smith* 8

FLOOR *W.S. Smith* 8

FLOOR *Walter Zuck* 8

FIREMAN

EXTRA

INJURIES *Nil*

FIRES

FROM FOOTAGE TO HRS ON BT DRILL STRIP (1000 LBS) NO. OF COLLARS

13524-49

NO. 1 PREP. SURE **13524** MODEL **102** S.P.M. **35** LINES **44** SIZE **3 1/2**

NO. 2 PREP. SURE **13524** MODEL **102** S.P.M. **35** LINES **44** SIZE **3 1/2**

MUD 8 A.M. 10 A.M. 12 NOON 2 P.M. ADDITIVES

WEIGHT 10.2

VISCOSITY 42

GEL

BT DRILL STRIP 11668 954

DRILL COLLARS NO. 0 D 1 D HGT

FUEL GALS

WATER GALS

COAL TONS

AT SURVEYS DES. 4ER

MOTOR HOURS

NET CHG.

DEPTH 11668

CONDI.

GENERAL

R.L. 1.4 **F.C.** 1/2 **M.T.** 7.5

Turn - 4 p.m. - Midnight

Specify Actual Hours Worked **hrs.**

DRILLER *Robert Baker* 8

DERRICK *Robert Chazanne* 8

MOTOR *W.S. Smith* 8

FLOOR *Walter Zuck* 8

FLOOR *Walter Zuck* 8

FIREMAN

EXTRA

INJURIES *41*

FIRES

FROM FOOTAGE TO HRS ON BT DRILL STRIP (1000 LBS) NO. OF COLLARS

13583-5-3

NO. 1 PREP. SURE **13583** MODEL **102** S.P.M. **35** LINES **44** SIZE **3 1/2**

NO. 2 PREP. SURE **13583** MODEL **102** S.P.M. **35** LINES **44** SIZE **3 1/2**

MUD 4 P.M. 6 P.M. 8 P.M. 10 P.M. ADDITIVES

WEIGHT 10.2 10.2 10.2 10.2

VISCOSITY 55 65 63 55

GEL

BT DRILL STRIP 1111 68 407

DRILL COLLARS NO. 0 D 1 D HGT

FUEL GALS

WATER GALS

COAL TONS

AT SURVEYS DES. 4ER

MOTOR HOURS

NET CHG.

DEPTH 1111

CONDI.

GENERAL

R.L. 1.4 **F.C.** 1/2 **M.T.** 7.5

CASCADE DRILLING

DAILY DRILLING REPORT

Company Limited

RIC No. 17 COMPANY

LOCATION

Turn - Midnight - 8 a.m.

Specify Actual Hours Worked **hrs.**

DRILLER *Wm O'Leary* 7

DERRICK *Ho Jack* 8

MOTOR *W.S. Smith* 1

FLOOR *Amerton* 8

FLOOR *Walter Zwick* 8

FIREMAN

EXTRA

INJURIES *Nil*

FIRES *Nil*

FROM FOOTAGE TO

H'S ON BOTTOM FT DRILL STRING (1000 LBS.)

DRILL COLLARS

FUEL

WATER

COAL

TONS

NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT R.P.M. FT DRLD FT RMD HRS DEPTH OUT

MUD WEIGHT 10.2 10.2 10.1 11.5 ADDITIVES

VISCOSITY 45 45 47

GEL

NO. 1 PRESS. SURE MODEL S.P.M. LINES SIZE

NO. 2 PRESS. SURE MODEL S.P.M. LINES SIZE

GENERAL

R.L. 1.6 C.C. 1/2 M. 7.5

Turn - 8 a.m. - 4 p.m.

Specify Actual Hours Worked **hrs.**

DRILLER *Robert Baker* 8

DERRICK *Ho Jack* 8

MOTOR *W.S. Smith* 1

FLOOR *Amerton* 8

FLOOR *Walter Zwick* 8

FIREMAN

EXTRA

INJURIES *Nil*

FIRES *Nil*

FROM FOOTAGE TO

H'S ON BOTTOM FT DRILL STRING (1000 LBS.)

DRILL COLLARS

FUEL

WATER

COAL

TONS

NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT R.P.M. FT DRLD FT RMD HRS DEPTH OUT

MUD WEIGHT 10.2 10.2 10.1 11.5 ADDITIVES

VISCOSITY 42

GEL

NO. 1 PRESS. SURE MODEL S.P.M. LINES SIZE

NO. 2 PRESS. SURE MODEL S.P.M. LINES SIZE

GENERAL

R.L. 1.4 F.C. 2 M. 7.5

Turn - 4 p.m. - Midnight

Specify Actual Hours Worked **hrs.**

DRILLER *Robert Baker* 8

DERRICK *Ho Jack* 8

MOTOR *W.S. Smith* 1

FLOOR *Amerton* 8

FLOOR *Walter Zwick* 8

FIREMAN

EXTRA

INJURIES *41*

FIRES

FROM FOOTAGE TO

H'S ON BOTTOM FT DRILL STRING (1000 LBS.)

DRILL COLLARS

FUEL

WATER

COAL

TONS

NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT R.P.M. FT DRLD FT RMD HRS DEPTH OUT

MUD WEIGHT 10.2 10.2 10.2 10.2 ADDITIVES

VISCOSITY 55 65 63 55

GEL

NO. 1 PRESS. SURE MODEL S.P.M. LINES SIZE

NO. 2 PRESS. SURE MODEL S.P.M. LINES SIZE

GENERAL

R.L. 1.4 F.C. 2 M. 7.5

DAILY DRILLING REPORT

WELL NO. 3042

DAY WORK RECORD

THIS IS 363 DAY ON THIS WELL

NOTE - Please show FOOTAGE made when changing bits

TI-27 DATE March 1964

I.D. COLLARS		FUEL		WATER		COAL		STANDS SPOOLS
ID	WGT	GALS	BSLS	TONS				
24	26	240-800						126
FT. DRLD	FT. RMD	HRS	DEPTH OUT	CONDITION	D. COLLARS			
305		412		Drilling	24-746-21			
					OTHER FT			
					from 7-40			
					C.B. FT.			
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		SUBS. FT.		
13229 24		1 156		3-9		3-32		
		2 165				FT. UP ON KELLY		
		3 121				20		
		4 198				TOTAL		
		5 199				1253		
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP			
240	2280			5810				

REMARKS
 Diamond Drilling 58 1/2" 2nd
 2-12-1964
 24-746-21
 from 7-40
 3-9
 3-32
 20
 1253

I.D. COLLARS		FUEL		WATER		COAL		STANDS SPOOLS
ID	WGT	GALS	BSLS	TONS				
24	26							126
FT. DRLD	FT. RMD	HRS	DEPTH OUT	CONDITION	D. COLLARS			
259		249			24-746-21			
					OTHER FT			
					from 7-40			
					C.B. FT.			
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		SUBS. FT.		
18929 26		1 164		2-9		2-32		
		2 172				FT. UP ON KELLY		
		3 187				2-01		
		4 206				TOTAL		
		5 208				13583.02		
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP			

REMARKS
 Diamond Drilling 58 1/2" 2nd
 24-746-21
 from 7-40
 2-9
 2-32
 2-01
 13583.02

I.D. COLLARS		FUEL		WATER		COAL		STANDS SPOOLS
ID	WGT	GALS	BSLS	TONS				
24	26							126
FT. DRLD	FT. RMD	HRS	DEPTH OUT	CONDITION	D. COLLARS			
407		57		SLAG	24-746-21			
					OTHER FT			
					from 7-40			
					C.B. FT.			
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		SUBS. FT.		
		1 176		3-9		3-32		
		2 180				FT. UP ON KELLY		
		3 207				2-01		
		4 214				TOTAL		
		5 217				14163		
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP			

REMARKS
 Diamond Drilling 58 1/2" 2nd
 24-746-21
 from 7-40
 3-9
 3-32
 2-01
 14163

FROM P.C. BOOK

TOTAL CONTRACTOR

TOTAL TENDER TIME

GASCADE DRILLING

RIG No. 11 COMPANY ... LOCATION ...

Your Midnight - 8 a.m.
 Specify Actual Hours Worked ...
 DRILLER ...
 DERRICK ...
 MOTOR ...
 FLOOR ...
 FLOOR ...
 FLOOR ...
 FIREMAN ...
 EXTRA ...
 INJURIES ...
 FIRES: Nil

FROM	POSTAGE	TO	WT DRILL BIT OR BOTTOM	WT DRILL STRINGS (1000 LBS)	WT DRILL COLLARS	WT DRILL TUBES
13227	0					
B	NO	SIZE	TYPE	SIZE	WT	SPM
I	13227	5 1/2	...	...	...	...
T						
S						
MUD	12 HR	24 HR	48 HR	72 HR	96 HR	...
WEIGHT						
VISC. SITY						
GEL						
P	NO. 1	PRES-SURE				
U	MODEL	S.P.M.				
M	LINER	SIZE				
P	NO. 2	PRES-SURE				
S	MODEL	S.P.M.				
	LINER	SIZE				
W.L.	F.C.	OH				

Your 8 a.m. - 4 p.m.
 Specify Actual Hours Worked ...
 DRILLER ...
 DERRICK ...
 MOTOR ...
 FLOOR ...
 FLOOR ...
 FLOOR ...
 FIREMAN ...
 EXTRA ...
 INJURIES ...
 FIRES: Nil

FROM	POSTAGE	TO	WT DRILL BIT OR BOTTOM	WT DRILL STRINGS (1000 LBS)	WT DRILL COLLARS	WT DRILL TUBES
13229	18	13249	30	15	24	2524
B	NO	SIZE	TYPE	SIZE	WT	SPM
I	13229	5 1/2	...	...	...	...
T						
S						
MUD	8 A.M.	10 A.M.	RENOV	2 P.M.	ADDITIVES	
WEIGHT						
VISCOSITY						
GEL						
P	NO. 1	PRES-SURE				
U	MODEL	S.P.M.				
M	LINER	SIZE				
P	NO. 2	PRES-SURE				
S	MODEL	S.P.M.				
	LINER	SIZE				
W.L.	F.C.	OH				

Your 4 p.m. - Midnight
 Specify Actual Hours Worked ...
 DRILLER ...
 DERRICK ...
 MOTOR ...
 FLOOR ...
 FLOOR ...
 FLOOR ...
 FIREMAN ...
 EXTRA ...
 INJURIES ...
 FIRES: ...

FROM	POSTAGE	TO	WT DRILL BIT OR BOTTOM	WT DRILL STRINGS (1000 LBS)	WT DRILL COLLARS	WT DRILL TUBES
13247	04	13245	11	9	...	...
B	NO	SIZE	TYPE	SIZE	WT	SPM
I	13247	5 1/2	...	...	...	...
T						
S						
MUD	8 P.M.	10 P.M.	8 P.M.	10 P.M.	ADDITIVES	
WEIGHT	10.3	10.3	10.2	10.3	5.3	...
VISCOSITY	...	...	...	...	...
GEL						
P	NO. 1	PRES-SURE				
U	MODEL	S.P.M.				
M	LINER	SIZE				
P	NO. 2	PRES-SURE				
S	MODEL	S.P.M.				
	LINER	SIZE				
W.L.	F.C.	OH				

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 22ND DAY ON THIS WELL

RIG No. 19 COMPANY *Can Southern* LOCATION *2-23-21-YT-1-K-1* DATE *March 19*

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked

DRILLER	<i>Wm O'Hagan</i>	8
DERRICK	<i>Leo Jacobs</i>	8
MOTOR	<i>Del Smith</i>	8
FLOOR	<i>Arnie Lee</i>	8
FLOOR	<i>Walter Zedank</i>	3
FIREMAN		
EXTRA		
INJURED:	<i>Nil</i>	
FIRES:	<i>Nil</i>	

FROM	FOOTAGE	TO	HRS. ON BOTTOM	WT. DRILL STRING (1000 LBS.)	DRILL COLLARS NO. O.D. I.D. WGT.	FUEL	WATER	COAL			
13143	17	13160	3	18600	24 4 3/4 2 1/4 26						
NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD	FT. RMD.	HRS.	DEPTH OUT	CONDITION
238	5 3/8	HC	26 R	OPEN	31100	18	4	17		3	

MUD	12 M.N.	2 A.M.	4 A.M.	8 A.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT					101 W/L		1 22	241
VISCOSITY					55 54		2 100	
GEL							3 227	
P	NO. 1 PRES-SURE				2000		4 224	
U	MODEL S.P.M.				45 45		5	
M	NO. 2 PRES-SURE							
P	MODEL S.P.M.							
S	NO. 3 PRES-SURE							
	MODEL S.P.M.							
	NO. 4 PRES-SURE							
	MODEL S.P.M.							
	NO. 5 PRES-SURE							
	MODEL S.P.M.							
	NO. 6 PRES-SURE							
	MODEL S.P.M.							
	NO. 7 PRES-SURE							
	MODEL S.P.M.							
	NO. 8 PRES-SURE							
	MODEL S.P.M.							
	NO. 9 PRES-SURE							
	MODEL S.P.M.							
	NO. 10 PRES-SURE							
	MODEL S.P.M.							
	NO. 11 PRES-SURE							
	MODEL S.P.M.							
	NO. 12 PRES-SURE							
	MODEL S.P.M.							
	NO. 13 PRES-SURE							
	MODEL S.P.M.							
	NO. 14 PRES-SURE							
	MODEL S.P.M.							
	NO. 15 PRES-SURE							
	MODEL S.P.M.							
	NO. 16 PRES-SURE							
	MODEL S.P.M.							
	NO. 17 PRES-SURE							
	MODEL S.P.M.							
	NO. 18 PRES-SURE							
	MODEL S.P.M.							
	NO. 19 PRES-SURE							
	MODEL S.P.M.							
	NO. 20 PRES-SURE							
	MODEL S.P.M.							
	NO. 21 PRES-SURE							
	MODEL S.P.M.							
	NO. 22 PRES-SURE							
	MODEL S.P.M.							
	NO. 23 PRES-SURE							
	MODEL S.P.M.							
	NO. 24 PRES-SURE							
	MODEL S.P.M.							
	NO. 25 PRES-SURE							
	MODEL S.P.M.							
	NO. 26 PRES-SURE							
	MODEL S.P.M.							
	NO. 27 PRES-SURE							
	MODEL S.P.M.							
	NO. 28 PRES-SURE							
	MODEL S.P.M.							
	NO. 29 PRES-SURE							
	MODEL S.P.M.							
	NO. 30 PRES-SURE							
	MODEL S.P.M.							
	NO. 31 PRES-SURE							
	MODEL S.P.M.							
	NO. 32 PRES-SURE							
	MODEL S.P.M.							
	NO. 33 PRES-SURE							
	MODEL S.P.M.							
	NO. 34 PRES-SURE							
	MODEL S.P.M.							
	NO. 35 PRES-SURE							
	MODEL S.P.M.							
	NO. 36 PRES-SURE							
	MODEL S.P.M.							
	NO. 37 PRES-SURE							
	MODEL S.P.M.							
	NO. 38 PRES-SURE							
	MODEL S.P.M.							
	NO. 39 PRES-SURE							
	MODEL S.P.M.							
	NO. 40 PRES-SURE							
	MODEL S.P.M.							
	NO. 41 PRES-SURE							
	MODEL S.P.M.							
	NO. 42 PRES-SURE							
	MODEL S.P.M.							
	NO. 43 PRES-SURE							
	MODEL S.P.M.							
	NO. 44 PRES-SURE							
	MODEL S.P.M.							
	NO. 45 PRES-SURE							
	MODEL S.P.M.							
	NO. 46 PRES-SURE							
	MODEL S.P.M.							
	NO. 47 PRES-SURE							
	MODEL S.P.M.							
	NO. 48 PRES-SURE							
	MODEL S.P.M.							
	NO. 49 PRES-SURE							
	MODEL S.P.M.							
	NO. 50 PRES-SURE							
	MODEL S.P.M.							
	NO. 51 PRES-SURE							
	MODEL S.P.M.							
	NO. 52 PRES-SURE							
	MODEL S.P.M.							
	NO. 53 PRES-SURE							
	MODEL S.P.M.							
	NO. 54 PRES-SURE							
	MODEL S.P.M.							
	NO. 55 PRES-SURE							
	MODEL S.P.M.							
	NO. 56 PRES-SURE							
	MODEL S.P.M.							
	NO. 57 PRES-SURE							
	MODEL S.P.M.							
	NO. 58 PRES-SURE							
	MODEL S.P.M.							
	NO. 59 PRES-SURE							
	MODEL S.P.M.							
	NO. 60 PRES-SURE							
	MODEL S.P.M.							
	NO. 61 PRES-SURE							
	MODEL S.P.M.							
	NO. 62 PRES-SURE							
	MODEL S.P.M.							
	NO. 63 PRES-SURE							
	MODEL S.P.M.							
	NO. 64 PRES-SURE							
	MODEL S.P.M.							
	NO. 65 PRES-SURE							
	MODEL S.P.M.							
	NO. 66 PRES-SURE							
	MODEL S.P.M.							
	NO. 67 PRES-SURE							
	MODEL S.P.M.							
	NO. 68 PRES-SURE							
	MODEL S.P.M.							
	NO. 69 PRES-SURE							
	MODEL S.P.M.							
	NO. 70 PRES-SURE							
	MODEL S.P.M.							
	NO. 71 PRES-SURE							
	MODEL S.P.M.							
	NO. 72 PRES-SURE							
	MODEL S.P.M.							
	NO. 73 PRES-SURE							
	MODEL S.P.M.							
	NO. 74 PRES-SURE							
	MODEL S.P.M.							
	NO. 75 PRES-SURE							
	MODEL S.P.M.							
	NO. 76 PRES-SURE							
	MODEL S.P.M.							
	NO. 77 PRES-SURE							
	MODEL S.P.M.							
	NO. 78 PRES-SURE							
	MODEL S.P.M.							
	NO. 79 PRES-SURE							
	MODEL S.P.M.							
	NO. 80 PRES-SURE							
	MODEL S.P.M.							
	NO. 81 PRES-SURE							
	MODEL S.P.M.							
	NO. 82 PRES-SURE							
	MODEL S.P.M.							
	NO. 83 PRES-SURE							
	MODEL S.P.M.							
	NO. 84 PRES-SURE							
	MODEL S.P.M.							
	NO. 85 PRES-SURE							
	MODEL S.P.M.							
	NO. 86 PRES-SURE							
	MODEL S.P.M.							
	NO. 87 PRES-SURE							
	MODEL S.P.M.							
	NO. 88 PRES-SURE							
	MODEL S.P.M.							
	NO. 89 PRES-SURE							
	MODEL S.P.M.							
	NO. 90 PRES-SURE							
	MODEL S.P.M.							
	NO. 91 PRES-SURE							
	MODEL S.P.M.							
	NO. 92 PRES-SURE							
	MODEL S.P.M.							
	NO. 93 PRES-SURE							
	MODEL S.P.M.							
	NO. 94 PRES-SURE							

DAILY DRILLING REPORT

DAY WORK RECORD

THIS IS 23 DAY ON THIS WELL

NOTE: Please show FOOTAGE made at _____

Y.T.L. 21 DATE March 10 1964

D. COLLARS		FUEL	WATER		COAL	STANDS
ID	WGT	GALS	BBLs	TONS	STANDS	SINGLES
2 1/4	26					132
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION		2-12-18-39
17		3				24-206-21
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		
		1	92	210		
		2	100			
		3	227			
		4	234			
		5				
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP	
240	3040	30				

1st Island Packing inc 350

D. COLLARS		FUEL	WATER		COAL	STANDS
ID	WGT	GALS	BBLs	TONS	STANDS	SINGLES
2 1/4	26					131
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION		34-206-21
50		10				
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		
		1	100			
		2	108			
		3	358			
		4	312			
		5				
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP	

1st Island Packing #1 Trip

D. COLLARS		FUEL	WATER		COAL	STANDS
ID	WGT	GALS	BBLs	TONS	STANDS	SINGLES
2 1/4	26					130
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION		24-206-21
86		10 1/2				
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		
		1	108			
		2	116			
		3	243			
		4	250			
		5	143			
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP	

1st Island Packing #1 Trip

big survey done by survey crew
 2-12-18-39
 24-206-21
 Brown Kelly
 from 6 out of gas can 2-3
 Drill up section stream
 Drilling 5 3/8" hole 400' 4
 415' 4
 470' 500' 4
 500' 530' 42
 530' 800' 21

Drilling 5 3/8" hole 900 915 1/2 40
 Work on Rig 800 815 1/2
 Seal Rig & Rig's 800 815 1/2
 Drilling 5 3/8" hole 900 915 1/2
 Work on #1 Pump Motor 900 915 1/2
 Drilling 5 3/8" hole 900 915 1/2

big 5 1/4 hole 415' 4
 Survey & Brown Kelly 415' 4
 Loring Bond Survey 415' 4

From P. D. Rock TOTAL CONTRACTOR TIME TOTAL COMPANY TIME



GASCADE DRILLING

RIG No. 1 COMPANY ... LOCATION ...

Tour - Midnight - 8 a.m.
Specify Actual Hours Worked hrs.

DRILLER John H. ...
DERRICK ...
MOTOR ...
FLOOR ...
FLOOR ...
FLOOR ...
FIREMAN ...
EXTRA ...
INJURIES: N.I.
FIRES: N.I.

13143

NO. 1 PRESSURE MODEL S.P.M. LINDER SIZE 4 3/4

NO. 2 PRESSURE MODEL S.P.M. LINDER SIZE 5 3/8

W.L. F.C. D.H.

Tour - 8 a.m. - 4 p.m.
Specify Actual Hours Worked hrs.

DRILLER James ...
DERRICK ...
MOTOR ...
FLOOR ...
FLOOR ...
FLOOR ...
FIREMAN ...
EXTRA ...
INJURIES: N.I.
FIRES: N.I.

13143

NO.	TYPE	SIZE	ETS	SERIAL	...
...

MUD WEIGHT VISCOSITY GEL

NO. 1 PRESSURE MODEL S.P.M. LINDER SIZE

NO. 2 PRESSURE MODEL S.P.M. LINDER SIZE

W.L. F.C. D.H.

Tour - 4 p.m. - Midnight
Specify Actual Hours Worked hrs.

DRILLER ...
DERRICK ...
MOTOR ...
FLOOR ...
FLOOR ...
FLOOR ...
FIREMAN ...
EXTRA ...
INJURIES: ...
FIRES: ...

13143

NO.	TYPE	SIZE	ETS	SERIAL	...
...

MUD WEIGHT VISCOSITY GEL

NO. 1 PRESSURE MODEL S.P.M. LINDER SIZE

NO. 2 PRESSURE MODEL S.P.M. LINDER SIZE

W.L. F.C. D.H.

Tool Room ...
...

...

CASCADE DRILLING

DAILY DRILLING REPORT

Company Limited

THIS DATE

RIG No. 19 COMPANY Can South LOCATION 4 H 1 1

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked 8 HRS

DRILLER	<u>Wm. O'Hagan</u>	<u>13087</u>	<u>3</u>	<u>131015</u>	<u>112</u>	<u>34</u>	<u>21</u>	<u>132</u>												
DERRICK	<u>Leo Yasuda</u>	<u>237</u>	<u>58</u>	<u>4 HW</u>	<u>open</u>	<u>18</u>	<u>40</u>	<u>59</u>												
MOTOR	<u>Del Smith</u>	<u>8</u>																		
FLOOR	<u>Tomoko</u>	<u>8</u>																		
FLOOR	<u>Victor Zerkov</u>	<u>8</u>																		
FIREMAN																				
EXTRA																				
INJURIES:																				
FIRES:																				

W.L. 1.4 P.C. 1/2 P.H. 1

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked 8 HRS

DRILLER	<u>Tomoko</u>	<u>13087</u>	<u>3</u>	<u>13143</u>	<u>8</u>	<u>1225</u>	<u>11</u>	<u>25</u>												
DERRICK	<u>Leo Yasuda</u>	<u>237</u>	<u>58</u>	<u>4 HW</u>	<u>open</u>	<u>18</u>	<u>40</u>	<u>59</u>												
MOTOR	<u>Del Smith</u>	<u>8</u>																		
FLOOR	<u>Tomoko</u>	<u>8</u>																		
FLOOR	<u>Victor Zerkov</u>	<u>8</u>																		
FIREMAN	<u>1</u>																			
EXTRA																				
INJURIES:																				
FIRES:	<u>N.I.</u>																			

W.L. 1.7 P.C. 1/2 P.H. 1

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked 8 HRS

DRILLER	<u>Russell</u>	<u>13103</u>	<u>8</u>	<u>13219</u>	<u>8</u>	<u>1-80</u>	<u>1/2</u>	<u>26</u>												
DERRICK	<u>Russell</u>	<u>237</u>	<u>58</u>	<u>4 HW</u>	<u>open</u>	<u>18</u>	<u>40</u>	<u>59</u>												
MOTOR	<u>Del Smith</u>	<u>8</u>																		
FLOOR	<u>Tomoko</u>	<u>8</u>																		
FLOOR	<u>Victor Zerkov</u>	<u>8</u>																		
FIREMAN																				
EXTRA																				
INJURIES:	<u>N.I.</u>																			
FIRES:	<u>N.I.</u>																			

W.L. 1.7 P.C. 1/2 P.H. 1

Totals Ring on Bit No. OP Calipered Date Feet

3 O.P. Test Operated Time Feet

DAILY DRILLING REPORT

DAY WORK RECORD

THIS IS 363 DAY ON THIS WELL

NOTE: Please show FOOTAGE made up of 1000' & 100' increments

LYT-27 DATE March 8 1964

STANDS		FUEL		WATER		COAL	
NO.	WT.	GALS.	BBL.	TONS	TONS	TONS	TONS
132							
133	138						
134	142						
135	146						
136	150						
137	154						
138	158						
139	162						
140	166						
141	170						
142	174						
143	178						
144	182						
145	186						
146	190						
147	194						
148	198						
149	202						
150	206						
151	210						
152	214						
153	218						
154	222						
155	226						
156	230						
157	234						
158	238						
159	242						
160	246						
161	250						
162	254						
163	258						
164	262						
165	266						
166	270						
167	274						
168	278						
169	282						
170	286						
171	290						
172	294						
173	298						
174	302						
175	306						
176	310						
177	314						
178	318						
179	322						
180	326						
181	330						
182	334						
183	338						
184	342						
185	346						
186	350						
187	354						
188	358						
189	362						
190	366						
191	370						
192	374						
193	378						
194	382						
195	386						
196	390						
197	394						
198	398						
199	402						
200	406						
201	410						
202	414						
203	418						
204	422						
205	426						
206	430						
207	434						
208	438						
209	442						
210	446						
211	450						
212	454						
213	458						
214	462						
215	466						
216	470						
217	474						
218	478						
219	482						
220	486						
221	490						
222	494						
223	498						
224	502						
225	506						
226	510						
227	514						
228	518						
229	522						
230	526						
231	530						
232	534						
233	538						
234	542						
235	546						
236	550						
237	554						
238	558						
239	562						
240	566						
241	570						
242	574						
243	578						
244	582						
245	586						
246	590						
247	594						
248	598						
249	602						
250	606						
251	610						
252	614						
253	618						
254	622						
255	626						
256	630						
257	634						
258	638						
259	642						
260	646						
261	650						
262	654						
263	658						
264	662						
265	666						
266	670						
267	674						
268	678						
269	682						
270	686						
271	690						
272	694						
273	698						
274	702						
275	706						
276	710						
277	714						
278	718						
279	722						
280	726						
281	730						
282	734						
283	738						
284	742						
285	746						
286	750						
287	754						
288	758						
289	762						
290	766						
291	770						
292	774						
293	778						
294	782						
295	786						
296	790						
297	794						
298	798						
299	802						
300	806						
301	810						
302	814						
303	818						
304	822						
305	826						
306	830						
307	834						
308	838						
309	842						
310	846						
311	850						
312	854						
313	858						
314	862						
315	866						
316	870						
317	874						
318	878						
319	882						
320	886						
321	890						
322	894						
323	898						
324	902						
325	906						
326	910						
327	914						
328	918						
329	922						
330	926						
331	930						
332	934						
333	938						
334	942						
335	946						
336	950						
337	954						
338	958						
339	962						
340	966						
341	970						
342	974						
343	978						
344	982						
345	986						
346	990						
347	994						
348	998						
349	1002						

CASCADE DRILLING

DAILY DRILLING REPORT

Company *United*

RIG No. *11* COMPANY *United* LOCATION *412*

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked *HR5*

DRILLER <i>John Smith</i>	FROM	FOOTAGE	TO	HRS ON BOTTOM	WT. DRILL STRING (1000 LBS.)	DRILL COLLARS	P.W.C.	WATER	COFL
DERRICK <i>200 ft</i>									
MOTOR <i>200 hp</i>									
FLOOR <i>200 ft</i>									
FLOOR <i>200 ft</i>									
FIREMAN									
EXTRA									
INJURIES									
FIRES									

BITS	NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	REMARKS	S.P.M.	FT DRLO	FT BMD	HRS	DEPTH	CLY	CONDITION

MUD	12 M	7 A M	4 A M	2 A M	ADD. LBS.								

PUMPS	NO. 1	PRE-SURE											
	MODEL	S.P.M.											
		LINE SIZE											

W.L. *130.80* P.C. *130.80* p.M. *130.80*

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked *HR5*

DRILLER <i>John Smith</i>	FROM	FOOTAGE	TO	HRS ON BOTTOM	WT. DRILL STRING (1000 LBS.)	DRILL COLLARS	P.W.C.	WATER	COFL
DERRICK <i>200 ft</i>									
MOTOR <i>200 hp</i>									
FLOOR <i>200 ft</i>									
FLOOR <i>200 ft</i>									
FIREMAN									
EXTRA									
INJURIES									
FIRES									

BITS	NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	REMARKS	S.P.M.	FT DRLO	FT BMD	HRS	DEPTH	CLY	CONDITION

MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	ADDITIVES								

PUMPS	NO. 1	PRE-SURE											
	MODEL	S.P.M.											
		LINE SIZE											

W.L. *130.80* P.C. *130.80* p.M. *130.80*

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked *HR5*

DRILLER <i>John Smith</i>	FROM	FOOTAGE	TO	HRS ON BOTTOM	WT. DRILL STRING (1000 LBS.)	DRILL COLLARS	P.W.C.	WATER	COFL
DERRICK <i>200 ft</i>									
MOTOR <i>200 hp</i>									
FLOOR <i>200 ft</i>									
FLOOR <i>200 ft</i>									
FIREMAN									
EXTRA									
INJURIES									
FIRES									

BITS	NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	REMARKS	S.P.M.	FT DRLO	FT BMD	HRS	DEPTH	CLY	CONDITION

MUD	8 P.M.	8 P.M.	8 P.M.	10 P.M.	ADDITIVES								

PUMPS	NO. 1	PRE-SURE											
	MODEL	S.P.M.											
		LINE SIZE											

W.L. *130.80* P.C. *130.80* p.M. *130.80*

Tetro Ring on Bit No. *DP* Contained Date *11/11/50*

BOP Test Operated *11/11/50*

CASCADE DRILLING

Company Name

RIG No. COMPANY

LOCATION

Tour - Midnight - 8 a.m.
Specify Actual Hours Worked HRS

DRILLER
DERRICK
MOTOR
FLOOR
FLOOR
FLOOR
FIREMAN
EXTRA
INJURIES
FIRES

Nil

FROM FOOTAGE TO HRS ON BOTTOM WT DRILL STRING (1000 LBS) DRILL COLLARS

NO. SIZE TYPE SIZE LBS SEALING NO.

MUD WEIGHT VISCOSITY GEL

NO. 1 PREL. SIZE MODEL P.P.M. LINES SIZE NO. 2 PREL. SIZE MODEL P.P.M. LINES SIZE

W.L. P.C. P.M.

Tour - 8 a.m. - 4 p.m.
Specify Actual Hours Worked HRS

DRILLER
DERRICK
MOTOR
FLOOR
FLOOR
FLOOR
FIREMAN
EXTRA
INJURIES
FIRES

FROM FOOTAGE TO HRS ON BOTTOM WT DRILL STRING (1000 LBS) DRILL COLLARS

NO. SIZE TYPE SIZE LBS SERIAL NO. WEIGHT R.P.M. FT. DRILL FT. RND HRS. ON BOTTOM

MUD WEIGHT VISCOSITY GEL

NO. 1 PREL. SIZE MODEL P.P.M. LINES SIZE NO. 2 PREL. SIZE MODEL P.P.M. LINES SIZE

W.L. P.C. P.M.

Tour - 4 p.m. - Midnight
Specify Actual Hours Worked HRS

DRILLER
DERRICK
MOTOR
FLOOR
FLOOR
FLOOR
FIREMAN
EXTRA
INJURIES
FIRES

FROM FOOTAGE TO HRS ON BOTTOM WT DRILL STRING (1000 LBS) DRILL COLLARS

NO. SIZE TYPE SIZE LBS SERIAL NO. WEIGHT R.P.M. FT. DRILL FT. RND HRS. ON BOTTOM

MUD WEIGHT VISCOSITY GEL

NO. 1 PREL. SIZE MODEL P.P.M. LINES SIZE NO. 2 PREL. SIZE MODEL P.P.M. LINES SIZE

W.L. P.C. P.M.

DAILY DRILLING REPORT

DAY WORK

THIS IS 5 DAY ON THIS WELL

NOTE - Please show details

DATE January 3 1921

D COLLARS		FUEL	WATER	COAL	STANDS
ID	WGT	GALS	BBL'S	TONS	SINGLES
4 1/2	20				1221-13

FT DRCD	FT RMD	MRS	DEPTH OUT	CONDITION	D COLLARS
40		140			1221-13

Formed in...
 1221-13
 1221-13
 1221-13

AT SURVEYS DEGREE		MOTOR HOURS	NEXT OIL CHANGE	SUBS FT
1		7.16		
2		8.22		1.76
3		10.7		2.52
4		11.4		
5		9.4		11.95

11.95
 11.95
 11.95

ON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP
0.2	8.40				780	1.20

1.20
 1.20
 1.20

D COLLARS		FUEL	WATER	COAL	STANDS
ID	WGT	GALS	BBL'S	TONS	SINGLES
4 1/2	20				1221-13

FT DRCD	FT RMD	MRS	DEPTH OUT	CONDITION	D COLLARS
40		140			1221-13

1221-13
 1221-13
 1221-13

AT SURVEYS DEGREE		MOTOR HOURS	NEXT OIL CHANGE	SUBS FT
1		8.70		
2		9		1.40
3		11.5		2.20
4		12.2		
5		9.6		11.95

11.95
 11.95
 11.95

ON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP
0.2	9.15				520	1.20

1.20
 1.20
 1.20

D COLLARS		FUEL	WATER	COAL	STANDS
ID	WGT	GALS	BBL'S	TONS	SINGLES
4 1/2	20				1221-13

FT DRCD	FT RMD	MRS	DEPTH OUT	CONDITION	D COLLARS
85		120			1221-13

1221-13
 1221-13
 1221-13

AT SURV IS DEGREE		MOTOR HOURS	NEXT OIL CHANGE	SUBS FT
1		7.2		
2		16		3.16
3		23		
4		30		
5		20		11.95

11.95
 11.95
 11.95

ON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP
0.2	9.35				520	1.20

1.20
 1.20
 1.20

CASCADE DRILLING

Company Limited

RIG No. 11 COMPANY 11 LOCATION 11

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked 8 HRS.

DRILLER W. O. Hansen

DERRICK 1st

MOTOR W. Smith

FLOOR W. Smith

FLOOR

FLOOR

FIREMAN

EXTRA

INJURIES

FRESH Nil

FROM FOOTAGE TO

WELL ON BOTTOM

WT I STRIP (1000 LBS)

DRILL COLLARS

NO. G.D. I.D. W.P.

PT. RND. HRE. (FT. IN)

NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT

MUD 17 MN. 2 A.P. 3 A.M. 4 A.M. ADDITIVES

WEIGHT

VISCOSITY

GEL

PUMPS

NO. 1 PRESS. SURE

MODEL S.P.M.

LINER SIZE

NO. 2 PRESS. SURE

MODEL S.P.M.

LINER SIZE

GENERAL

W.L. P.C. pH.

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked 8 HRS.

DRILLER W. O. Hansen

DERRICK 1st

MOTOR W. Smith

FLOOR W. Smith

FLOOR

FLOOR

FIREMAN

EXTRA

INJURIES

FRESH Nil

FROM FOOTAGE TO

WELL ON BOTTOM

WT I STRIP (1000 LBS)

DRILL COLLARS

NO. G.D. I.D. W.P.

PT. RND. HRE. (FT. IN)

NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT

MUD 8 A.M. 10 A.M. 12 NOON L.P.M. ADDITIVES

WEIGHT

VISCOSITY

GEL

PUMPS

NO. 1 PRESS. SURE

MODEL S.P.M.

LINER SIZE

NO. 2 PRESS. SURE

MODEL S.P.M.

LINER SIZE

GENERAL

W.L. P.C. pH.

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked 8 HRS.

DRILLER W. O. Hansen

DERRICK 1st

MOTOR W. Smith

FLOOR W. Smith

FLOOR

FLOOR

FIREMAN

EXTRA

INJURIES

FRESH

FROM FOOTAGE TO

WELL ON BOTTOM

WT I STRIP (1000 LBS)

DRILL COLLARS

NO. G.D. I.D. W.P.

PT. RND. HRE. (FT. IN)

NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT

MUD 4 P.M. 6 P.M. 8 P.M. 10 P.M. ADDITIVES

WEIGHT

VISCOSITY

GEL

PUMPS

NO. 1 PRESS. SURE

MODEL S.P.M.

LINER SIZE

NO. 2 PRESS. SURE

MODEL S.P.M.

LINER SIZE

GENERAL

W.L. P.C. pH.

Total Hours Worked _____

ROP (ex. Drilled) _____

DAILY DRILLING REPORT

DAY NO. 1

THIS IS 1 DAY ON THIS WELL

NOTE: Please Print Name of Well

DATE *March 4 1964*

WELL COLLARS		FUEL		WATER		COAL		STANDS	
ID.	WT.	GRS.	BBL.	TONS					
PT. DRLD.	PT. RMD.	MRS.	DEPTH OUT	CONDITION	D. COLLARS		OTHER PT.		
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		C.B. FT.		SUBS. FT.	
		1 752							
		2 843							
		3 32						FT. UP ON KELLY	
		4 14						TOTAL	
		5 60							
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP			

Handwritten notes and signatures in the right margin of the first table.

WELL COLLARS		FUEL		WATER		COAL		STANDS	
ID.	WT.	GRS.	BBL.	TONS					
PT. DRLD.	PT. RMD.	MRS.	DEPTH OUT	CONDITION	D. COLLARS		OTHER PT.		
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		C.B. FT.		SUBS. FT.	
		1 910							
		2 936							
		3 37						FT. UP ON KELLY	
		4 98						TOTAL	
		5 18							
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP			

Handwritten notes and signatures in the right margin of the second table.

WELL COLLARS		FUEL		WATER		COAL		STANDS	
ID.	WT.	GRS.	BBL.	TONS					
PT. DRLD.	PT. RMD.	MRS.	DEPTH OUT	CONDITION	D. COLLARS		OTHER PT.		
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		C.B. FT.		SUBS. FT.	
		1							
		2							
		3						FT. UP ON KELLY	
		4						TOTAL	
		5							
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP			

Handwritten notes and signatures in the right margin of the third table.

DAILY DRILLING REPORT

CONSERVATION DAY WORK

THIS IS _____ DAY ON THIS WELL

NOTE: Please check...

DATE 10

D. COLLARS		FUEL	WATER		COAL	STANDS
FT. DRLD	FT. RMD	GALS	GRS	TONS		SINGLES
30	10					1243-1247
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		
		1	730			
		2	830			
		3	61			
		4	24			
		5	44			
TOTAL MILES		TOTAL MILES	SLIP	FEET OR	FEET LEFT ON SPOOL	NEXT SLIP
240	360	-	-	600	360	

1243-1247
 24-1/4
 1247-1250
 1250-1253

DATE 8

D. COLLARS		FUEL	WATER		COAL	STANDS
FT. DRLD	FT. RMD	GALS	GRS	TONS		SINGLES
30	10					1253-1257
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		
		1	740			
		2	830			
		3	75			
		4	82			
		5	41			
TOTAL MILES		TOTAL MILES	SLIP	FEET OR	FEET LEFT ON SPOOL	NEXT SLIP
300	360	-	-	600	360	

1253-1257
 1257-1260
 1260-1263
 1263-1266
 1266-1269

DATE 5

D. COLLARS		FUEL	WATER		COAL	STANDS
FT. DRLD	FT. RMD	GALS	GRS	TONS		SINGLES
30	10					1269-1273
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		
		1	75			
		2	148			
		3	85			
		4	10			
		5	26			
TOTAL MILES		TOTAL MILES	SLIP	FEET OR	FEET LEFT ON SPOOL	NEXT SLIP
300	360	-	-	600	360	

1269-1273
 1273-1276
 1276-1279
 1279-1282
 1282-1285

CASCADE DRILLING

SALES

Company Limited

RIG No. 17 COMPANY Smith

LOCATION Smith

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked HRS

DRILLER Walter Hagan 5

DERRICK W. Smith 6

MOTOR W. Smith 3

FLOOR W. Smith 8

FLOOR W. Smith 6

FLOOR

FIREMAN

EXTRA

INJURIES: Nil

FIRES: Nil

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS	NO	OD	ID	WT	PT	REF	PT D/D	PT REF	PT	DEPTH
1228	31	1239	11	170	24	8	2 1/2								

MUD	TEMP	2 AM	4 AM	6 AM	ADDITIVES

NO. 1	PRE-SURE	NO. 2	PRE-SURE	GENERAL
MODEL	S.P.M.	MODEL	S.P.M.	

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked HRS

DRILLER Walter Hagan 8

DERRICK W. Smith 10

MOTOR W. Smith 10

FLOOR W. Smith 10

FLOOR W. Smith 10

FLOOR W. Smith 10

FIREMAN

EXTRA

INJURIES: N.I.L.

FIRES: Customs loading out on tracks

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS	NO	OD	ID	WT	PT	REF	PT D/D	PT REF	PT	DEPTH
1228	31	1239	11	170	24	8	2 1/2								

MUD	TEMP	8 AM	10 AM	12 NOON	2 P.M.	ADDITIVES

NO. 1	PRE-SURE	NO. 2	PRE-SURE	GENERAL
MODEL	S.P.M.	MODEL	S.P.M.	

Tour - 4 p.m. - Midnight

Specify Act of Hours Worked HRS

DRILLER Walter Hagan 1

DERRICK W. Smith 1

MOTOR W. Smith 1

FLOOR W. Smith 1

FLOOR W. Smith 1

FLOOR

FIREMAN

EXTRA

INJURIES: Nil

FIRES: Nil

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS	NO	OD	ID	WT	PT	REF	PT D/D	PT REF	PT	DEPTH
1239	15	1254	15												

MUD	TEMP	4 PM	6 PM	8 PM	10 PM	ADDITIVES

NO. 1	PRE-SURE	NO. 2	PRE-SURE	GENERAL
MODEL	S.P.M.	MODEL	S.P.M.	

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 357 DAY ON THIS WELL

NOTE - Please show FOOTAGE made while Control Drilling as well as FOUR

WELL NO. 1-2-1 DATE Mar 3 1964

D. COLLARS		FUEL		WATER		COAL		STANDS	
I.D.	WGT.	GALS.		BGLS.		TONS		SINGLES	OTHER FT.
2 1/2	26	131						127	
FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION		D. COLLARS		OTHER FT.	
9		3 1/2		None		24 - 2 1/2" - 11		24 - 2 1/2" - 11	
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		SUBS. FT.		FT. UP ON KELLY	
		1 712				20 1/2		1.90	
		2 808				20 1/2		10.69	
		3 43				TOTAL		128.56	
		4 50				NEXT SLIP		2000	
		5 20							
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP			

REMARKS	TIME START	TIME STOP	DATE
Drilling 5 1/2" Hole	12:00	12:12	3/3
Check Rigging Dept	3:00	3:00	3/3
Drilling 5 1/2" Hole	3:00	4:00	3/3

WELL NO. 1-2-1 DATE Mar 3 1964

D. COLLARS		FUEL		WATER		COAL		STANDS	
I.D.	WGT.	GALS.		BGLS.		TONS		SINGLES	OTHER FT.
2 1/2	26	131						127	
FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION		D. COLLARS		OTHER FT.	
39		14		None		24 - 2 1/2" - 11		24 - 2 1/2" - 11	
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		SUBS. FT.		FT. UP ON KELLY	
		1 880				20 1/2		1.90	
		2 916				20 1/2		10.69	
		3 43				TOTAL		128.56	
		4 50				NEXT SLIP		2000	
		5 20							
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP			
50	180				6000	360			

REMARKS	TIME START	TIME STOP	DATE
Drilling 5 1/2" Hole	8:00	8:50	3/3
Check Rigging Dept	3:00	3:00	3/3
Drilling 5 1/2" Hole	3:00	4:00	3/3

WELL NO. 1-2-1 DATE Mar 3 1964

D. COLLARS		FUEL		WATER		COAL		STANDS	
I.D.	WGT.	GALS.		BGLS.		TONS		SINGLES	OTHER FT.
2 1/2	26	131						127	
FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION		D. COLLARS		OTHER FT.	
37		15 1/2		None		24 - 2 1/2" - 11		24 - 2 1/2" - 11	
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		SUBS. FT.		FT. UP ON KELLY	
		1 712				20 1/2		1.90	
		2 124				20 1/2		10.69	
		3 34				TOTAL		128.56	
		4 16				NEXT SLIP		2000	
		5 6							
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP			
20	24								

REMARKS	TIME START	TIME STOP	DATE
Drilling 5 1/2" Hole	4:00	4:50	3/3
Check Rigging Dept	12:00	12:00	3/3
Drilling 5 1/2" Hole	8:00	11:00	3/3

From Pipe Rack

TOTAL CONTRACTOR TIME _____ HRS. TOTAL MILES _____
 TOTAL COMPANY TIME 24 HRS. APPROVED BY _____

CASCADE DRILLING

Company, Limited

RIG No. 1 COMPANY ... LOCATION ...

Tour - Midnight - 8 a.m.
Specify Actual Hours Worked 8 HRS

DRILLER ...
DERRICK ...
MOTOR ...
FLOOR ...
FLOOR ...
FLOOR ...
FIREMAN ...
EXTRA ...
INJURED: Nil
PIRES: Nil

FROM	FOOTAGE	TO	KRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS	WT	...
12770	16	12786					
NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	PT DRLD
232	5 1/2						
MUD		12 AM	2 AM	4 AM	6 AM	ADDITIVES	
WEIGHT							
VISCOSITY							
GEL							
P U M P S	NO. 1	PREL. SURE					
	MODEL	S.P.M.					
	NO. 2	PREL. SURE					
	MODEL	S.P.M.					
GENERAL							
W.L.		F.C.		PH			

Tour - 8 a.m. - 4 p.m.
Specify Actual Hours Worked 8 HRS

DRILLER ...
DERRICK ...
MOTOR ...
FLOOR ...
FLOOR ...
FLOOR ...
FIREMAN ...
EXTRA ...
INJURED: Nil
PIRES: Nil

FROM	FOOTAGE	TO	KRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS	WT	...
12820	38	12858		110			
NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	PT DRLD
232	5 1/2						
MUD		8 A.M.	10 A.M.	12 P.M.	2 P.M.	ADDITIVES	
WEIGHT							
VISCOSITY							
GEL							
P U M P S	NO. 1	PREL. SURE					
	MODEL	S.P.M.					
	NO. 2	PREL. SURE					
	MODEL	S.P.M.					
GENERAL							
W.L.		F.C.		PH			

Tour - 4 p.m. - Midnight
Specify Actual Hours Worked 8 HRS

DRILLER ...
DERRICK ...
MOTOR ...
FLOOR ...
FLOOR ...
FLOOR ...
FIREMAN ...
EXTRA ...
INJURED: Nil
PIRES: Nil

FROM	FOOTAGE	TO	KRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS	WT	...
12848							
NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	PT DRLD
233	5 1/2						
MUD		4 P.M.	6 P.M.	8 P.M.	10 P.M.	ADDITIVES	
WEIGHT							
VISCOSITY							
GEL							
P U M P S	NO. 1	PREL. SURE					
	MODEL	S.P.M.					
	NO. 2	PREL. SURE					
	MODEL	S.P.M.					
GENERAL							
W.L.		F.C.		PH			

DAILY DRILLING REPORT

DAY WORK

THIS IS DAY ON THIS WELL

NOTE: P. 8000 FEET

DATE April 19 196

ALL COLLARS		FUEL		WATER		COAL		STANDS	
C	ID	WGT		GALS		BSLS		TONS	SINGLES
13, 214	26	2							1-22 = 28
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION		D COLLARS			
41		2 1/2				24 - 200 21			
AT SURVEYS DESIRED									
		MOTOR HOURS		NEXT OIL CHANGE		SUBS. FT			
1		6 23				1-94			
2		3 54				FT UP OR KELLY			
3		1 9				32 21			
4		2 6				TOTAL			
5		2 50				18, 122 8			
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL		NEXT SLIP			
	191260								

DATE April 20 196

ALL COLLARS		FUEL		WATER		COAL		STANDS	
C	ID	WGT		GALS		BSLS		TONS	SINGLES
214	21								1-11
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION		D COLLARS			
47		1 1/2	12998			24 - 706 21			
AT SURVEYS DESIRED									
		MOTOR HOURS		NEXT OIL CHANGE		SUBS. FT			
1		4 22				1-70			
2		7 52				FT UP OR KELLY			
3		5 9				2-09			
4		3 2				TOTAL			
5		2 28				12 90 8			
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL		NEXT SLIP			

Depth in hole about 13000

DATE April 21 196

ALL COLLARS		FUEL		WATER		COAL		STANDS	
C	ID	WGT		GALS		BSLS		TONS	SINGLES
214	21								1-11
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION		D COLLARS			
				N.V.		24 - 702			
AT SURVEYS DESIRED									
		MOTOR HOURS		NEXT OIL CHANGE		SUBS. FT			
1									
2									
3									
4									
5									
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL		NEXT SLIP			

Champion Drilling Co. B...

FROM ...

CASCADE DRILLING

Company - *W. L. ...*

RIG No. 1 COMPANY W. L. ... LOCATION ...

Hour - Midnight - 8 a.m.
Specify Actual Hours Worked HRS

DRILLER *W. L. ...*
DERRICK *W. L. ...*
MOTOR *W. L. ...*
FLOOR *W. L. ...*
FLOOR *W. L. ...*
FLOOR *W. L. ...*
FIREMAN
EXTRA
INJURIES
FIRES

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	W.C.	W.C. ON BOTTOM	W.C. ON STR. (1000 LBS)	DRILL COLLARS
1	4 1/2"	...	...	...	...	...	...	...	...	...

MUD	12 MN	2 A.M.	4 A.M.	8 A.M.	24 HRS
WEIGHT	11				
VISCOSITY	2				
GEL					

NO. 1	PREL. SUITS	NO. 2	PREL. SUITS	GENERAL
...

W.L. ... F.C. ... pH 9.5

Hour - 8 a.m. - 4 p.m.
Specify Actual Hours Worked HRS

DRILLER *W. L. ...*
DERRICK *W. L. ...*
MOTOR *W. L. ...*
FLOOR *W. L. ...*
FLOOR *W. L. ...*
FLOOR *W. L. ...*
FIREMAN *W. L. ...*
EXTRA
INJURIES *Hot Tungsten insured K. 220. 105000 Rigor*
FIRES *Log with 1000 200000 30000*

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	W.C.	W.C. ON BOTTOM	W.C. ON STR. (1000 LBS)	DRILL COLLARS
2315	3 1/2"	R.C. 15	3/16	63999	13	40	...	...	...	...

MUD	8 A.M.	10 A.M.	VENCOE	2 P.M.	ADJUST	YES
WEIGHT	11.8	11.7	11.6	11.5	11.4	...
VISCOSITY	5.4	5.1	5.0	4.9	4.8	...
GEL						...

NO. 1	PREL. SUITS	NO. 2	PREL. SUITS	GENERAL
...

W.L. ... F.C. ... pH ...

Hour - 4 p.m. - Midnight
Specify Actual Hours Worked HRS

DRILLER *W. L. ...*
DERRICK *W. L. ...*
MOTOR *W. L. ...*
FLOOR *W. L. ...*
FLOOR *W. L. ...*
FLOOR *W. L. ...*
FIREMAN
EXTRA
INJURIES
FIRES

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	W.C.	W.C. ON BOTTOM	W.C. ON STR. (1000 LBS)	DRILL COLLARS
2315	3 1/2"	R.C. 15	3/16	63999	13	40	...	...	...	...

MUD	8 P.M.	10 P.M.	12 M.	1 P.M.	2 P.M.	ADJUST	YES
WEIGHT							...
VISCOSITY							...
GEL							...

NO. 1	PREL. SUITS	NO. 2	PREL. SUITS	GENERAL
...

W.L. ... F.C. ... pH ...

TOTAL RIG HRS ...
TOTAL TONNAGE ...

DAILY DRILLING REPORT

DATE

THIS IS _____ DAY ON THIS WELL

NOTE

DATE _____ 19__

COLLARS	FT. RING	HRS	DEPTH OUT	CONDITION	D. COLLARS																		
28	26		15	X	14-2																		
<table border="1"> <thead> <tr> <th>AT SURVEYS DEGREE</th> <th>MOTOR HOURS</th> <th>NEXT OIL CHANGE</th> </tr> </thead> <tbody> <tr> <td></td> <td>1 661</td> <td></td> </tr> <tr> <td></td> <td>2 525</td> <td></td> </tr> <tr> <td></td> <td>3 45</td> <td></td> </tr> <tr> <td></td> <td>4 2</td> <td></td> </tr> <tr> <td></td> <td>5 126</td> <td></td> </tr> </tbody> </table>						AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE		1 661			2 525			3 45			4 2			5 126	
AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE																					
	1 661																						
	2 525																						
	3 45																						
	4 2																						
	5 126																						

ON MILES TOTAL MILES SLIP FEET OR CUT FEET LEFT ON SPOOL NEXT SLIP

1.425 Road complete

COLLARS	FT. RING	HRS	DEPTH OUT	CONDITION	D. COLLARS																		
80		19.3	1277		24-206-2																		
<table border="1"> <thead> <tr> <th>AT SURVEYS DEGREE</th> <th>MOTOR HOURS</th> <th>NEXT OIL CHANGE</th> </tr> </thead> <tbody> <tr> <td>18771</td> <td>1 672</td> <td></td> </tr> <tr> <td></td> <td>2 269</td> <td></td> </tr> <tr> <td></td> <td>3 3</td> <td></td> </tr> <tr> <td></td> <td>4 11</td> <td></td> </tr> <tr> <td></td> <td>5 934</td> <td></td> </tr> </tbody> </table>						AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	18771	1 672			2 269			3 3			4 11			5 934	
AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE																					
18771	1 672																						
	2 269																						
	3 3																						
	4 11																						
	5 934																						

ON MILES TOTAL MILES SLIP FEET OR CUT FEET LEFT ON SPOOL NEXT SLIP

Oil and fuel tank = 3.32 tons

COLLARS	FT. RING	HRS	DEPTH OUT	CONDITION	D. COLLARS																		
87	24		1/2		24-2																		
<table border="1"> <thead> <tr> <th>AT SURVEYS DEGREE</th> <th>MOTOR HOURS</th> <th>NEXT OIL CHANGE</th> </tr> </thead> <tbody> <tr> <td></td> <td>1 31</td> <td></td> </tr> <tr> <td></td> <td>2 16</td> <td></td> </tr> <tr> <td></td> <td>3 14</td> <td></td> </tr> <tr> <td></td> <td>4 12</td> <td></td> </tr> <tr> <td></td> <td>5 12</td> <td></td> </tr> </tbody> </table>						AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE		1 31			2 16			3 14			4 12			5 12	
AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE																					
	1 31																						
	2 16																						
	3 14																						
	4 12																						
	5 12																						

ON MILES TOTAL MILES SLIP FEET OR CUT FEET LEFT ON SPOOL NEXT SLIP

12043-66

Drilling 574 Hole

leg 1 down

Drilling 574 Hole

changed tool bit

leg 2 down

Drilling 574 Hole

leg 3 down

Drilling 574 Hole

leg 4 down

Drilling 574 Hole

leg 5 down

Drilling 574 Hole

leg 6 down

Drilling 574 Hole

leg 7 down

Drilling 574 Hole

leg 8 down

Drilling 574 Hole

leg 9 down

Drilling 574 Hole

leg 10 down

Drilling 574 Hole

leg 11 down

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leg 12 down

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leg 16 down

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leg 18 down

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leg 72 down

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leg 88 down

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leg 89 down

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leg 90 down

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leg 91 down

Drilling 574 Hole

leg 92 down

Drilling 574 Hole

leg 93 down

Drilling 574 Hole

leg 94 down

Drilling 574 Hole

leg 95 down

Drilling 574 Hole

leg 96 down

Drilling 574 Hole

leg 97 down

Drilling 574 Hole

leg 98 down

Drilling 574 Hole

leg 99 down

Drilling 574 Hole

leg 100 down

Drilling 574 Hole

DAILY DRILLING REPORT

DAY 204

THIS IS 254 DAY ON THIS WELL

NOTE: (PLEASE CHECK FOR ERRORS)

DATE Feb 28 1964

GALLONS		WATER		COAL		STANDS
DRILL	WGT	GALS	BBL	BBL	TONS	STANDS
119.76	1296.90					1119
FT DRILL	FT RWD	MRS	DEPTH OUT	CONDITION	DOLLARS	
72			1364	Tripping	30	116.21
AT SURVEYS DESIRE			MOTOR HOURS		HEAT OIL CHANGE	
			1	6.40		
			2	9.36		
			3	8.89		
			4	11.84		
			5	2.18		
TON MILES	TOTAL MILES	SLIP	FEET ON	CUT	FEET LEFT ON SPOOL	NEXT SLIP

Bottom 2 hrs

GALLONS		WATER		COAL		STANDS
DRILL	WGT	GALS	BBL	BBL	TONS	STANDS
123.36	36					127.50
FT DRILL	FT RWD	MRS	DEPTH OUT	CONDITION	DOLLARS	
				Down	24	7.06
AT SURVEYS DESIRE			MOTOR HOURS		HEAT OIL CHANGE	
			1	6.53		
			2	7.40		
			3	7.92		
			4	11.72		
			5	2.18		
TON MILES	TOTAL MILES	SLIP	FEET ON	CUT	FEET LEFT ON SPOOL	NEXT SLIP
2.40	17.430					

*That for hour out
Changed out remainder
Now on bit 231 and
cut one inch more
Next time*

GALLONS		WATER		COAL		STANDS
DRILL	WGT	GALS	BBL	BBL	TONS	STANDS
						111
FT DRILL	FT RWD	MRS	DEPTH OUT	CONDITION	DOLLARS	
AT SURVEYS DESIRE			MOTOR HOURS		HEAT OIL CHANGE	
TON MILES	TOTAL MILES	SLIP	FEET ON	CUT	FEET LEFT ON SPOOL	NEXT SLIP

7

CASCADE DRILLING

Company Computer

RIG No. 19 COMPANY ... LOCATION ...

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked HRS

DRILLER Robert O. ...

DERRICK ...

MOTOR Mike ...

FLOOR ...

FLOOR ...

FLOOR ...

FIREMAN ...

EXTRA ...

INJURED N.L.

FIRES N.L.

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT. DRILL STRING (1000 LBS)	DRILL COLL. HRS	NO.	CD	IS	T	WT
12609	16	12695	4	172.00	24	428	24	26		

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	RPM	FT DRLO	FT	COL	HRS	REMARKS
1	2 1/2	REG. LB	3/4	53986	17	40	16	23	4		

MUD	S.A.M.	IS.A.M.	SEASON	R.P.M.	REMARKS	AT SURF	REMARKS
					...		

NO. 1	PREP. HRS	NO. 2	PREP. HRS	NO. 3	PREP. HRS	NO. 4	PREP. HRS
1800		430					

Tour - 6 a.m. - 6 p.m.

Specify Actual Hours Worked HRS

DRILLER ...

DERRICK ...

MOTOR ...

FLOOR ...

FLOOR ...

FLOOR ...

FIREMAN ...

EXTRA ...

INJURED N.L.

FIRES N.L.

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT. DRILL STRING (1000 LBS)	DRILL COLL. HRS	NO.	CD	IS	T	WT
12695	16	12735	4	172.00	24	428	24	26		

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	RPM	FT DRLO	FT	COL	HRS	REMARKS
1	2 1/2	REG. LB	3/4	53986	17	40	16	23	4		

MUD	S.A.M.	IS.A.M.	SEASON	R.P.M.	REMARKS	AT SURF	REMARKS
					...		

NO. 1	PREP. HRS	NO. 2	PREP. HRS	NO. 3	PREP. HRS	NO. 4	PREP. HRS
1800		430					

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked HRS

DRILLER Ernest ...

DERRICK ...

MOTOR ...

FLOOR ...

FLOOR ...

FLOOR ...

FIREMAN ...

EXTRA ...

INJURED N.L.

FIRES N.L.

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT. DRILL STRING (1000 LBS)	DRILL COLL. HRS	NO.	CD	IS	T	WT
12735	31	12820	7	172.00	24	428	24	26		

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	RPM	FT DRLO	FT	COL	HRS	REMARKS
1	3 1/2	REG. LB	3/4	619	17	40	16	23	4		

MUD	S.A.M.	IS.A.M.	SEASON	R.P.M.	REMARKS	AT SURF	REMARKS
					...		

NO. 1	PREP. HRS	NO. 2	PREP. HRS	NO. 3	PREP. HRS	NO. 4	PREP. HRS
1800		430					

DAILY DRILLING REPORT

DAY WORK

THIS IS 373 DAY ON THIS WELL

NOTE - Please show FEET OF ...

DATE Feb 27 19 67

ALL COLLARS			FUEL	WATER	COAL	STANDS
ID	WGT		GALS	BBLS	TONS	SINGLES
24	26					
FT DRLD		FT RMD	MRS	DEPTH OUT	CONDITION	D. COLLARS
16	28					
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		C.B. FT.
		1	616			
		2	212			
		3	260			
		4	116			
		5	129			
SUBS. FT.		FT. UP OR		KELLY		TOTAL
				250		

Finished ...
 Lay Down ...
 24-26 ...
 11-26 ...
 12-26 ...

TON MILES	TOTAL MILES	SLIP	FEET DR	CUT	FEET LEFT ON SPOOL	NEXT SLIP
180	1140					

ALL COLLARS			FUEL	WATER	COAL	STANDS
ID	WGT		GALS	BBLS	TONS	SINGLES
24	26					
FT DRLD		FT RMD	MRS	DEPTH OUT	CONDITION	D. COLLARS
16	28					
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		C.B. FT.
		1	620			
		2	220			
		3	268			
		4	118			
		5	124			
SUBS. FT.		FT. UP OR		KELLY		TOTAL
				38-11		

Wearing out hole ...
 125910 to 13619
 Drilling 5 7/8 Hole ...

TON MILES	TOTAL MILES	SLIP	FEET DR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

ALL COLLARS			FUEL	WATER	COAL	STANDS
ID	WGT		GALS	BBLS	TONS	SINGLES
24	26					
FT DRLD		FT RMD	MRS	DEPTH OUT	CONDITION	D. COLLARS
47	28					
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		C.B. FT.
		1	620			
		2	213			
		3	276			
		4	1126			
		5	206			
SUBS. FT.		FT. UP OR		KELLY		TOTAL
				2200		

Drilling 5 7/8 Hole ...
 11-26 ...
 12-26 ...

TON MILES	TOTAL MILES	SLIP	FEET DR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

CASCADE DRILLING

Company Limited

RIG No. 19 COMPANY Cascade Drilling LOCATION ...

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked HRS

DRILLER James ... 8

DERRICK ... 8

MOTOR ... 8

FLOOR ... 8

FLOOR ... 8

FLOOR ... 8

FIREMAN

EXTRA

INJURIES: Nil

FIRES: Nil

FROM 12619 FOOTAGE TO

HRS ON BOTTOM

WT DRILL STRING (1000 LBS)

DRILL COLLARS

DRILL

NO. NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT HRS ON BOTTOM

MUD 12 MM 2 LM 3 AM 6 PM ADDITIVES

WEIGHT

VISCOSITY

GEL

PUMPS

NO. 1 PRESSURE MODEL S.P.M. LINES SIZE

NO. 2 PRESSURE MODEL S.P.M. LINES SIZE

GENERAL

W.L. P.C. pH

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked HRS

DRILLER John O'Hagan 8

DERRICK ... 8

MOTOR ... 8

FLOOR ... 8

FLOOR ... 8

FLOOR ... 8

FIREMAN

EXTRA

INJURIES: Nil

FIRES: Nil

FROM 12619 FOOTAGE TO

HRS ON BOTTOM

WT DRILL STRING (1000 LBS)

DRILL COLLARS

DRILL

NO. NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT HRS ON BOTTOM

MUD 3 AM 10 AM 20 PM 2 PM ADDITIVES

WEIGHT

VISCOSITY

GEL

PUMPS

NO. 1 PRESSURE MODEL S.P.M. LINES SIZE

NO. 2 PRESSURE MODEL S.P.M. LINES SIZE

GENERAL

W.L. P.C. pH

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked HRS

DRILLER James ... 8

DERRICK ... 8

MOTOR ... 8

FLOOR ... 8

FLOOR ... 8

FLOOR ... 8

FIREMAN

EXTRA

INJURIES: Nil

FIRES: Nil

FROM 12619 FOOTAGE TO

HRS ON BOTTOM

WT DRILL STRING (1000 LBS)

DRILL COLLARS

DRILL

NO. NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT HRS ON BOTTOM

MUD 4 PM 8 PM 8 PM 12 PM ADDITIVES

WEIGHT

VISCOSITY

GEL

PUMPS

NO. 1 PRESSURE MODEL S.P.M. LINES SIZE

NO. 2 PRESSURE MODEL S.P.M. LINES SIZE

GENERAL

W.L. P.C. pH

CASCADE DRILLING

Contractors Limited

WIG No. 11 COMPANY LOCATION

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS	NO	Q.S.	TO	WT		
Specify Actual Hours Worked		HRS											
DRILLER	<u>R.P. Oliver</u>	BITS	NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	S.P.M.	PT DRLD	PT AMD	WT	
DERRICK	<u> </u>												
MOTOR	<u> </u>												
FLOOR	<u> </u>												
FLOOR	<u> </u>												
FLOOR	<u> </u>	MUD	120M	24M	36M	36M	ADDITIVES						
FLOOR	<u> </u>	WEIGHT											
FLOOR	<u> </u>	VISCOSITY											
FLOOR	<u> </u>	GEL											
FIREMAN	<u> </u>	PUMPS	NO. 1	PRES-SURE									
EXTRA	<u> </u>		MODEL	S.P.M.									
INJURED:	<u> </u>		LINER	SIZE	TRIPS	NO LINES	TON-FTS	TOTAL V.P.R.					
			NO. 2	PRES-SURE									
FLOOR	<u> </u>		MODEL	S.P.M.									
FLOOR	<u> </u>	LINER	SIZE										
FLOOR	<u> </u>	GENERAL											
FLOOR	<u> </u>	W.L.	F.C.	pH									

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS	NO	Q.S.	TO	WT		
Specify Actual Hours Worked		HRS											
DRILLER	<u> </u>	BITS	NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	S.P.M.	PT DRLD	PT AMD	WT	
DERRICK	<u> </u>												
MOTOR	<u> </u>												
FLOOR	<u> </u>												
FLOOR	<u> </u>												
FLOOR	<u> </u>	MUD	36M	180M	1200M	36M	ADDITIVES						
FLOOR	<u> </u>	WEIGHT											
FLOOR	<u> </u>	VISCOSITY											
FLOOR	<u> </u>	GEL											
FIREMAN	<u> </u>	PUMPS	NO. 1	PRES-SURE									
EXTRA	<u> </u>		MODEL	S.P.M.									
INJURED:	<u> </u>		LINER	SIZE	TRIPS	NO LINES	TON-FTS	TOTAL V.P.R.					
			NO. 2	PRES-SURE									
FLOOR	<u> </u>		MODEL	S.P.M.									
FLOOR	<u> </u>	LINER	SIZE										
FLOOR	<u> </u>	GENERAL											
FLOOR	<u> </u>	W.L.	F.C.	pH									

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS	NO	Q.S.	TO	WT		
Specify Actual Hours Worked		HRS											
DRILLER	<u> </u>	BITS	NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	S.P.M.	PT DRLD	PT AMD	WT	
DERRICK	<u> </u>												
MOTOR	<u> </u>												
FLOOR	<u> </u>												
FLOOR	<u> </u>												
FLOOR	<u> </u>	MUD	36M	36M	36M	36M	ADDITIVES						
FLOOR	<u> </u>	WEIGHT											
FLOOR	<u> </u>	VISCOSITY											
FLOOR	<u> </u>	GEL											
FIREMAN	<u> </u>	PUMPS	NO. 1	PRES-SURE									
EXTRA	<u> </u>		MODEL	S.P.M.									
INJURED:	<u> </u>		LINER	SIZE	TRIPS	NO LINES	TON-FTS	TOTAL V.P.R.					
			NO. 2	PRES-SURE									
FLOOR	<u> </u>		MODEL	S.P.M.									
FLOOR	<u> </u>	LINER	SIZE										
FLOOR	<u> </u>	GENERAL											
FLOOR	<u> </u>	W.L.	F.C.	pH									

DAILY DRILLING REPORT

DATE: *Feb 22 1962* DAY: *MOF*

THIS IS *1* DAY ON THIS WELL

NOTE: *See log for details*

L. COLLARS		FUEL		WATER		COAL		STANDS	
ID	WT	GALS		BBLs		TONS		SINGLES	
PT. DRLD.	PT. RMD.	HRS	DEPTH OUT	CONDITION		D. COLLARS			
						OTHER PT.			
						C.B. PT.			
						SUBS. PT.			
						FT. UP ON KELLY			
						TOTAL			
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL		NEXT SLIP			

6

3 1/2 HR

L. COLLARS		FUEL		WATER		COAL		STANDS	
ID	WT	GALS		BBLs		TONS		SINGLES	
PT. DRLD.	PT. RMD.	HRS	DEPTH OUT	CONDITION		D. COLLARS			
						OTHER PT.			
						C.B. PT.			
						SUBS. PT.			
						FT. UP ON KELLY			
						TOTAL			
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL		NEXT SLIP			

Handwritten notes and signatures in the right margin of the second table.

L. COLLARS		FUEL		WATER		COAL		STANDS	
ID	WT	GALS		BBLs		TONS		SINGLES	
PT. DRLD.	PT. RMD.	HRS	DEPTH OUT	CONDITION		D. COLLARS			
						OTHER PT.			
						C.B. PT.			
						SUBS. PT.			
						FT. UP ON KELLY			
						TOTAL			
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL		NEXT SLIP			

Blank space for handwritten notes in the right margin of the third table.

CASCADE DRILLING

Company Limited

DATE

RIG No. W COMPANY W LOCATION W

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	FT DRILL STRINGS (1000 LBS)	DRILL COLLARS	NO	DD	TO	BOY	SA
Specify Actual Hours Worked												
DRILLER												
DERRICK												
MOTOR												
FLOOR												
FLOOR												
FLOOR												
FIREMAN												
EXTRA												
INJURED:												
FIRES:												

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	FT DRILL STRINGS (1000 LBS)	DRILL COLLARS	NO	DD	TO	BOY	SA
Specify Actual Hours Worked												
DRILLER												
DERRICK												
MOTOR												
FLOOR												
FLOOR												
FLOOR												
FIREMAN												
EXTRA												
INJURED:												
FIRES:												

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	FT DRILL STRINGS (1000 LBS)	DRILL COLLARS	NO	DD	TO	BOY	SA
Specify Actual Hours Worked												
DRILLER												
DERRICK												
MOTOR												
FLOOR												
FLOOR												
FLOOR												
FIREMAN												
EXTRA												
INJURED:												
FIRES:												

Worked by W on W at W
 B.O.P. last Operated W

DAILY DRILLING REPORT

CONTRIBUTION BOOK

DAY WORK

THIS IS _____ DAY ON THIS WELL

NOTE - Please see instructions on back of book

DATE _____ 19__

L. COLLARS		FUEL		WATER		COAL		STANDS	
I.D.	WT.	GALS.		BBL.		TONS		SINGLES	
FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT		CONDITION		D. COLLARS		
								OTHER FT.	
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		C.B. FT.			
		1				SUBS. FT.			
		2				FT. UP ON KELLY			
		3				TOTAL			
		4							
		5							
FOR MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP			

L. COLLARS		FUEL		WATER		COAL		STANDS	
I.D.	WT.	GALS.		BBL.		TONS		SINGLES	
FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT		CONDITION		D. COLLARS		
								OTHER FT.	
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		C.B. FT.			
		1				SUBS. FT.			
		2				FT. UP ON KELLY			
		3				TOTAL			
		4							
		5							
FOR MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP			

L. COLLARS		FUEL		WATER		COAL		STANDS	
I.D.	WT.	GALS.		BBL.		TONS		SINGLES	
FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT		CONDITION		D. COLLARS		
								OTHER FT.	
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		C.B. FT.			
		1				SUBS. FT.			
		2				FT. UP ON KELLY			
		3				TOTAL			
		4							
		5							
FOR MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP			

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19__

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL	STA	
Specify Actual Hours Worked _____ HRS.							NO	O D	I D	WGT	GALS	BBLs	TONS	SIN	
DRILLER		BITS													
DERRICK		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D	
MOTOR															
FLOOR															
FLOOR		MUD										AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	C B
FLOOR		WEIGHT											1		SUB
FLOOR		VISCOSITY											2		FT KEU
FIREMAN		GEL											3		TOT
EXTRA		PUMPS											4		
INJURIES:		NO 1 PRES SURE					SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	
FIRES:		MODEL S P M					GENERAL								
		NO 2 PRES SURE													
		MODEL S P M													
		W.L.	F.C.	pH.											

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL	STA	
Specify Actual Hours Worked _____ HRS.							NO	O D	I D	WGT	GALS	BBLs	TONS	SIN	
DRILLER		BITS													
DERRICK		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D	
MOTOR															
FLOOR															
FLOOR		MUD										AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	C B
FLOOR		WEIGHT											1		SUB
FLOOR		VISCOSITY											2		FT KEU
FIREMAN		GEL											3		TOT
EXTRA		PUMPS											4		
INJURIES:		NO 1 PRES SURE					SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	
FIRES:		MODEL S P M					GENERAL								
		NO 2 PRES SURE													
		MODEL S P M													
		W.L.	F.C.	pH.											

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL	STA	
Specify Actual Hours Worked _____ HRS.							NO	O D	I D	WGT	GALS	BBLs	TONS	SIN	
DRILLER		BITS													
DERRICK		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D	
MOTOR															
FLOOR															
FLOOR		MUD										AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	C B
FLOOR		WEIGHT											1		SUB
FLOOR		VISCOSITY											2		FT KEU
FIREMAN		GEL											3		TOT
EXTRA		PUMPS											4		
INJURIES:		NO 1 PRES SURE					SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	
FIRES:		MODEL S P M					GENERAL								
		NO 2 PRES SURE													
		MODEL S P M													
		W.L.	F.C.	pH.											

Totco Ring on Bit No
COP Test Operated

D.P. Colloided Date
Time

Results
Results

From Pipe Rack

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19__

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked _____ HRS

DRILLER																				
DERRICK																				
MOTOR																				
FLOOR																				
FLOOR																				
FLOOR																				
FIREMAN																				
EXTRA																				
INJURIES:																				
FIRES:																				

FROM _____ FOOTAGE _____ TO _____ HRS ON BOTTOM _____ WT DRILL STRING (1000 LBS) _____ DRILL COLLARS NO. _____ O.D. _____ I.D. _____ WGT _____ FUEL _____ WATER _____ COAL _____ GALS _____ BBL'S _____ TONS _____

BITS

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD

12 MN	2 A.M.	4 A.M.	6 A.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE

WEIGHT

VISCOSITY

GEL

PUMPS

NO.	MODEL	PRES-SURE	S.P.M.	LINE SIZE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL
NO 1													
NO 2													

GENERAL _____

W.L. _____ F.C. _____ pH. _____

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked _____ HRS

DRILLER																				
DERRICK																				
MOTOR																				
FLOOR																				
FLOOR																				
FLOOR																				
FIREMAN																				
EXTRA																				
INJURIES:																				
FIRES:																				

FROM _____ FOOTAGE _____ TO _____ HRS ON BOTTOM _____ WT DRILL STRING (1000 LBS) _____ DRILL COLLARS NO. _____ O.D. _____ I.D. _____ WGT _____ FUEL _____ WATER _____ COAL _____ GALS _____ BBL'S _____ TONS _____

BITS

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD

8 A.M.	10 A.M.	12 NOON	2 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE

WEIGHT

VISCOSITY

GEL

PUMPS

NO.	MODEL	PRES-SURE	S.P.M.	LINE SIZE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL
NO 1													
NO 2													

GENERAL _____

W.L. _____ F.C. _____ pH. _____

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked _____ HRS

DRILLER																				
DERRICK																				
MOTOR																				
FLOOR																				
FLOOR																				
FLOOR																				
FIREMAN																				
EXTRA																				
INJURIES:																				
FIRES:																				

FROM _____ FOOTAGE _____ TO _____ HRS ON BOTTOM _____ WT DRILL STRING (1000 LBS) _____ DRILL COLLARS NO. _____ O.D. _____ I.D. _____ WGT _____ FUEL _____ WATER _____ COAL _____ GALS _____ BBL'S _____ TONS _____

BITS

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD

4 P.M.	6 P.M.	8 P.M.	10 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE

WEIGHT

VISCOSITY

GEL

PUMPS

NO.	MODEL	PRES-SURE	S.P.M.	LINE SIZE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL
NO 1													
NO 2													

GENERAL _____

W.L. _____ F.C. _____ pH. _____

Total Ring on Bit No _____ D.P. Caliper Date _____ Results _____ From Face Rock _____

B.O.P. Test Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 213 DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE Feb 17 19 64

ALL COLLARS	FUEL	WATER	COAL	STANDS
ID WGT	GALS	BBLs	TONS	SINGLES
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
D COLLARS				OTHER FT
C B FT				SUBS FT
AT SURVEYS DEGREE				MOTOR HOURS
				1 2 26
				2 4 23
				3 5 16
				4 9 06
				5 4 6
NEXT OIL CHANGE				FT UP ON KELLY
				TOTAL
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
				NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
Well open to surface pit	12:20	1:05	45
Well open to surface pit	1:10	1:55	45
Well open to surface pit	1:55	2:40	45

Run in 8 HRS.

ALL COLLARS	FUEL	WATER	COAL	STANDS
ID WGT	GALS	BBLs	TONS	SINGLES
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
D COLLARS				OTHER FT
C B FT				SUBS FT
AT SURVEYS DEGREE				MOTOR HOURS
				1 3 24
				2 4 30
				3 5 14
				4 1 14
				5 2 24
NEXT OIL CHANGE				FT UP ON KELLY
				TOTAL
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
				NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
Well open to surface pit	8:00	9:30	1:30
Well open to surface pit	11:30	12:00	30
Well open to surface pit	12:00	12:30	30
Well open to surface pit	12:30	1:00	30

ALL COLLARS	FUEL	WATER	COAL	STANDS
ID WGT	GALS	BBLs	TONS	SINGLES
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
D COLLARS				OTHER FT
C B FT				SUBS FT
AT SURVEYS DEGREE				MOTOR HOURS
				1
				2
				3
				4
				5
NEXT OIL CHANGE				FT UP ON KELLY
				TOTAL
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
				NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
Well open to surface pit	1:00	1:30	30
Well open to surface pit	1:30	2:00	30
Well open to surface pit	2:00	2:30	30
Well open to surface pit	2:30	3:00	30

From Pipe Rack

TOTAL CONTRACTOR TIME

HRS

TOOL PUSHER

TOTAL COMPANY TIME

HRS

APPROVED BY

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL											
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT	GALS	BBL'S	TONS										
DRILLER		BITS																					
DERRICK		NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION										
MOTOR		MUD																					
FLOOR		12 M N	2 A.M.	4 A.M.	6 A.M.	ADDITIVES				AT SURVEYS DEGREE		MOTOR HOURS	NEXT OIL CHANGE										
FLOOR		WEIGHT																					
FLOOR		VISCOSITY																					
FIREMAN		GEL																					
EXTRA		PUMPS																					
INJURIES:	NIL	NO. 1		PRESURE		LINER SIZE		SIZE		TRIPS		NO LINES		TON MILES		TOTAL MILES		SLIP		FEET OR CUT		FEET LEFT ON SPOOL	
		MODEL		S.P.M.																			
FIRES:	NIL	NO. 2		PRESURE		LINER SIZE		GENERAL															
		MODEL		S.P.M.																			
		W.L.		F.C.		pH.																	
Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL											
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT	GALS	BBL'S	TONS										
DRILLER		BITS																					
DERRICK		NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION										
MOTOR		MUD																					
FLOOR		8 A.M.	10 A.M.	12 NOON	2 P.M.	ADDITIVES				AT SURVEYS DEGREE		MOTOR HOURS	NEXT OIL CHANGE										
FLOOR		WEIGHT																					
FLOOR		VISCOSITY																					
FIREMAN		GEL																					
EXTRA		PUMPS																					
INJURIES:	NIL	NO. 1		PRESURE		LINER SIZE		SIZE		TRIPS		NO LINES		TON MILES		TOTAL MILES		SLIP		FEET OR CUT		FEET LEFT ON SPOOL	
		MODEL		S.P.M.																			
FIRES:	NIL	NO. 2		PRESURE		LINER SIZE		GENERAL															
		MODEL		S.P.M.																			
		W.L.		F.C.		pH.																	
Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL											
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT	GALS	BBL'S	TONS										
DRILLER		BITS																					
DERRICK		NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION										
MOTOR		MUD																					
FLOOR		4 P.M.	6 P.M.	8 P.M.	10 P.M.	ADDITIVES				AT SURVEYS DEGREE		MOTOR HOURS	NEXT OIL CHANGE										
FLOOR		WEIGHT																					
FLOOR		VISCOSITY																					
FIREMAN		GEL																					
EXTRA		PUMPS																					
INJURIES:		NO. 1		PRESURE		LINER SIZE		SIZE		TRIPS		NO LINES		TON MILES		TOTAL MILES		SLIP		FEET OR CUT		FEET LEFT ON SPOOL	
		MODEL		S.P.M.																			
FIRES:		NO. 2		PRESURE		LINER SIZE		GENERAL															
		MODEL		S.P.M.																			
		W.L.		F.C.		pH.																	

Totco Ring on Bit No

D.P. Calipered Date

Results

From Pipe Rack

B.O.P. Test Operated

Time

Results

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 122 DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE 10/16 1947

ALL COLLARS		FUEL	WATER	COAL	STANDS
D	I.D.	WGT	GALS	BBLs	TONS
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
		1	352		
		2	448		
		3	482		
		4	492		
		5	172		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL
					NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
715 - 7:00 AM			2 W/O
8:00 AM - 9:00 AM			1 H
9:00 AM - 10:00 AM			1 H
10:00 AM - 11:00 AM			1 H
11:00 AM - 12:00 PM			1 H
12:00 PM - 1:00 PM			1 H
1:00 PM - 2:00 PM			1 H
2:00 PM - 3:00 PM			1 H
3:00 PM - 4:00 PM			1 H
4:00 PM - 5:00 PM			1 H
5:00 PM - 6:00 PM			1 H
6:00 PM - 7:00 PM			1 H
7:00 PM - 8:00 PM			1 H
8:00 PM - 9:00 PM			1 H
9:00 PM - 10:00 PM			1 H
10:00 PM - 11:00 PM			1 H
11:00 PM - 12:00 AM			1 H

8 HRS

ALL COLLARS		FUEL	WATER	COAL	STANDS
D	I.D.	WGT	GALS	BBLs	TONS
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
		1	360		
		2	436		
		3	490		
		4	590		
		5	180		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL
					NEXT SLIP

Well shut in
Flowing well to 700
P.T.
Well shut in
Flowing well to 500 ft

REMARKS	TIME		
	START	STOP	INTERVAL
Well shut in	8:00	9:00	1 W/O
Flowing well to 700			1 H
P.T.			1 H
Well shut in	2:30	3:00	1 H
Flowing well to 500 ft			1 H

8 HRS

ALL COLLARS		FUEL	WATER	COAL	STANDS
D	I.D.	WGT	GALS	BBLs	TONS
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
		1	362		
		2	436		
		3	490		
		4	590		
		5	180		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL
					NEXT SLIP

Well found to be
Well shut in

REMARKS	TIME		
	START	STOP	INTERVAL
Well found to be	11:00	11:30	1 H
Well shut in	12:00	12:30	1 H
	1:00	1:30	1 H
	2:00	2:30	1 H
	3:00	3:30	1 H
	4:00	4:30	1 H
	5:00	5:30	1 H
	6:00	6:30	1 H
	7:00	7:30	1 H
	8:00	8:30	1 H
	9:00	9:30	1 H
	10:00	10:30	1 H
	11:00	11:30	1 H

From Poe Pack

TOTAL CONTRACTOR TIME

TOOLPUSHER

TOTAL COMPANY TIME

APPROVED BY

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 27 DAY ON THIS WELL

RIG No. 17 COMPANY

LOCATION

DATE 12-15 19 44

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA
Specify Actual Hours Worked							NO	O.D.	I.D.	WGT	GALS	BBLS	TONS
DRILLER	<u> </u>												
DERRICK	<u> </u>												
MOTOR	<u> </u>												
FLOOR	<u> </u>												
FLOOR	<u> </u>												
FLOOR	<u> </u>												
FIREMAN	<u> </u>												
EXTRA	<u> </u>												
INJURIES:	<u> </u>												
FIRES:	<u> </u>												

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA
Specify Actual Hours Worked							NO	O.D.	I.D.	WGT	GALS	BBLS	TONS
DRILLER	<u> </u>												
DERRICK	<u> </u>												
MOTOR	<u> </u>												
FLOOR	<u> </u>												
FLOOR	<u> </u>												
FLOOR	<u> </u>												
FIREMAN	<u> </u>												
EXTRA	<u> </u>												
INJURIES:	<u> </u>												
FIRES:	<u> </u>												

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA
Specify Actual Hours Worked							NO	O.D.	I.D.	WGT	GALS	BBLS	TONS
DRILLER	<u> </u>												
DERRICK	<u> </u>												
MOTOR	<u> </u>												
FLOOR	<u> </u>												
FLOOR	<u> </u>												
FLOOR	<u> </u>												
FIREMAN	<u> </u>												
EXTRA	<u> </u>												
INJURIES:	<u> </u>												
FIRES:	<u> </u>												

Totco Ring on Bit No

D.P. Calipered Date

Results

From Pipe Rack

B.O.P. Test Operated

Time

Results

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 340 DAY ON THIS WELL

RIG No. 19 COMPANY *Panama* LOCATION *North* DATE *1/19/19*

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked _____ HRS.

DRILLER *Fernand Lopez*

DERRICK *Manuel Pacheco*

MOTOR *Boa*

FLOOR *Carlos*

FLOOR *Alberto Lomana*

FIREMAN

EXTRA

INJURIES:

FIRES:

FROM	FOOTAGE	TO	HRS. ON BOTTOM	WT. DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	
					NO.	O.D.	I.D.	WGT.	GALS.	BBLs.	TONS.
1261											

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION

MUD	12 MN.	2 A.M.	4 A.M.	6 A.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							1 3.4	
VISCOSITY							2 2.0	
GEL							3 4.0	
							4 2.4	
							5 1.5	

PUMPS	NO. 1	PRES. SURE	MODEL	S.P.M.	LINER SIZE	NO. 2	PRES. SURE	MODEL	S.P.M.	LINER SIZE	GENERAL

W.L.	F.C.	pH.

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked _____ HRS.

DRILLER *Fernand Lopez*

DERRICK *Manuel Pacheco*

MOTOR *Boa*

FLOOR *Carlos*

FLOOR *Alberto Lomana*

FIREMAN

EXTRA

INJURIES:

FIRES:

FROM	FOOTAGE	TO	HRS. ON BOTTOM	WT. DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	
					NO.	O.D.	I.D.	WGT.	GALS.	BBLs.	TONS.
12619											

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION

MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							1 3.2	
VISCOSITY							2 4.0	
GEL							3 4.4	
							4 4.2	
							5 1.5	

PUMPS	NO. 1	PRES. SURE	MODEL	S.P.M.	LINER SIZE	NO. 2	PRES. SURE	MODEL	S.P.M.	LINER SIZE	GENERAL

W.L.	F.C.	pH.

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked _____ HRS.

DRILLER *W. O. AGAR*

DERRICK *LEO JACOB*

MOTOR *DELBERT SMITH*

FLOOR *BARNELOE*

FLOOR *ALAT TANGAY*

FIREMAN

EXTRA

INJURIES:

FIRES:

FROM	FOOTAGE	TO	HRS. ON BOTTOM	WT. DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	
					NO.	O.D.	I.D.	WGT.	GALS.	BBLs.	TONS.
12619											

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION

MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							1 3.20	
VISCOSITY							2 4.16	
GEL							3 4.50	
							4 3.50	
							5 1.64	

PUMPS	NO. 1	PRES. SURE	MODEL	S.P.M.	LINER SIZE	NO. 2	PRES. SURE	MODEL	S.P.M.	LINER SIZE	GENERAL

W.L.	F.C.	pH.

Tolco Ring on Bit No. _____ DP. Calipered Date _____ Results _____ From Pipe Rock _____

B.O.P. Test-Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

OPERATION NO. _____

DAY WORK RECORD

THIS IS _____ DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE 1-19-19

ALL COLLARS		FUEL		WATER		COAL		STANDS	
D	ID	WGT	GALS	BBLs	TONS	SINGLES			
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION		D COLLARS			
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		OTHER FT			
		1 3.4				C B FT			
		2				SUBS FT			
		3				FT UP ON KELLY			
		4				TOTAL			
		5				NEXT SLIP			
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP			

REMARKS	TIME	
	START	STOP
Blowing well	4:00	4:55
Well say	4:55	5:15
Blowing well	5:15	5:30
Well say	5:30	5:45
Mud pits with the water		
Leaving to go to close		
PT		

From Pipe Rock

ALL COLLARS		FUEL		WATER		COAL		STANDS	
D	ID	WGT	GALS	BBLs	TONS	SINGLES			
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION		D COLLARS			
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		OTHER FT			
		1 3.2				C B FT			
		2 4.0				SUBS FT			
		3 4.2				FT UP ON KELLY			
		4 4.2				TOTAL			
		5 1.6				NEXT SLIP			
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP			

REMARKS	TIME	
	START	STOP
Blowing well	4:00	4:55
Well say	4:55	5:15
Blowing well	5:15	5:30
Well say	5:30	5:45
Mud pits with the water		
Leaving to go to close		
PT		

ALL COLLARS		FUEL		WATER		COAL		STANDS	
D	ID	WGT	GALS	BBLs	TONS	SINGLES			
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION		D COLLARS			
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		OTHER FT			
		1 3.20				C B FT			
		2 4.16				SUBS FT			
		3 4.50				FT UP ON KELLY			
		4 4.50				TOTAL			
		5 1.60				NEXT SLIP			
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP			

REMARKS	TIME	
	START	STOP
Blowing well	4:00	4:55
Well say	4:55	5:15
Blowing well	5:15	5:30
Well say	5:30	5:45
Mud pits with the water		
Leaving to go to close		
PT		

From Pipe Rock

TOTAL CONTRACTOR TIME 6 HRS
 TOTAL COMPANY TIME 6 HRS
 TOOL PUSHER
 APPROVED BY

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS DAY ON THIS WELL

RIG No. 12 COMPANY W LOCATION W. 1/4 Sec 10, T. 12N, R. 10E DATE 10/19/19

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO. O.D. I.D. WGT.	FUEL	WATER	COAL	TONS	
Specify Actual Hours Worked												
DRILLER	HRS											
DERRICK												
MOTOR												
FLOOR												
FLOOR												
FLOOR												
FIREMAN												
EXTRA												
INJURIES:												
FIRES:												
		MUD				ADDITIVES		AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
		WEIGHT								1		
		VISCOSITY								2		
		GEL								3		
		NO. 1 PRES. SURE								4		
		MODEL S.P.M.								5		
		LINER SIZE				SIZE TRIPS		NO. LINES		TON MILES		TOTAL MILES
		NO. 2 PRES. SURE				GENERAL				SLIP FEET OR CUT		FEET LEFT ON SPOOL
		MODEL S.P.M.										
		LINER SIZE										
		W.L.	FC	pH								

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO. O.D. I.D. WGT.	FUEL	WATER	COAL	TONS	
Specify Actual Hours Worked												
DRILLER	HRS											
DERRICK												
MOTOR												
FLOOR												
FLOOR												
FLOOR												
FIREMAN												
EXTRA												
INJURIES:												
FIRES:												
		MUD				ADDITIVES		AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
		WEIGHT								1		
		VISCOSITY								2		
		GEL								3		
		NO. 1 PRES. SURE								4		
		MODEL S.P.M.								5		
		LINER SIZE				SIZE TRIPS		NO. LINES		TON MILES		TOTAL MILES
		NO. 2 PRES. SURE				GENERAL				SLIP FEET OR CUT		FEET LEFT ON SPOOL
		MODEL S.P.M.										
		LINER SIZE										
		W.L.	FC	pH								

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO. O.D. I.D. WGT.	FUEL	WATER	COAL	TONS	
Specify Actual Hours Worked												
DRILLER	HRS											
DERRICK												
MOTOR												
FLOOR												
FLOOR												
FLOOR												
FIREMAN												
EXTRA												
INJURIES:												
FIRES:												
		MUD				ADDITIVES		AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
		WEIGHT								1		
		VISCOSITY								2		
		GEL								3		
		NO. 1 PRES. SURE								4		
		MODEL S.P.M.								5		
		LINER SIZE				SIZE TRIPS		NO. LINES		TON MILES		TOTAL MILES
		NO. 2 PRES. SURE				GENERAL				SLIP FEET OR CUT		FEET LEFT ON SPOOL
		MODEL S.P.M.										
		LINER SIZE										
		W.L.	FC	pH								

Total Rig on Bit No. _____ C.P. Compared Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test Operated _____ Time _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19__

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL	WATER	COAL	ST
DRILLER												
DERRICK												
MOTOR												
FLOOR												
FLOOR												
FLOOR												
FIREMAN												
EXTRA												
INJURIES:												
FIRES:												

Bits

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRCD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD

12 MN	1 AM	4 AM	6 AM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE

PUMPS

NO 1	PRES SURE	MODEL	S P M	LINER SIZE	NO 2	PRES SURE	MODEL	S P M	LINER SIZE	GENERAL

W L _____ F C _____ pH _____

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL	WATER	COAL	ST
DRILLER												
DERRICK												
MOTOR												
FLOOR												
FLOOR												
FLOOR												
FIREMAN												
EXTRA												
INJURIES:												
FIRES:												

Bits

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRCD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD

8 AM	10 AM	12 NOON	2 PM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE

PUMPS

NO 1	PRES SURE	MODEL	S P M	LINER SIZE	NO 2	PRES SURE	MODEL	S P M	LINER SIZE	GENERAL

W L _____ F C _____ pH _____

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL	WATER	COAL	ST
DRILLER												
DERRICK												
MOTOR												
FLOOR												
FLOOR												
FLOOR												
FIREMAN												
EXTRA												
INJURIES:												
FIRES:												

Bits

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRCD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD

4 PM	6 PM	8 PM	10 PM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE

PUMPS

NO 1	PRES SURE	MODEL	S P M	LINER SIZE	NO 2	PRES SURE	MODEL	S P M	LINER SIZE	GENERAL

W L _____ F C _____ pH _____

Tool Ring or Bit No _____ O.P. Completed Date _____ Results _____ From How Row _____
 B.C.P. Test Operated _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19__

Tour - Midnight - 8 a.m.
Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL GAL	WATER BBL	COAL TONS	STAN
DRILLER	BITS											
DERRICK	MUD											
MOTOR	WEIGHT											
FLOOR	VISCOSITY											
FLOOR	GEL											
FIREMAN	P U M P S											
EXTRA	NO 1 PRES SURE											
INJURIES:	MODEL S P M											
FIRES:	LINER SIZE											
	GENERAL											
	W L F C PH											

Tour - 8 a.m. - 4 p.m.
Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL GAL	WATER BBL	COAL TONS	STAN
DRILLER	BITS											
DERRICK	MUD											
MOTOR	WEIGHT											
FLOOR	VISCOSITY											
FLOOR	GEL											
FIREMAN	P U M P S											
EXTRA	NO 1 PRES SURE											
INJURIES:	MODEL S P M											
FIRES:	LINER SIZE											
	GENERAL											
	W L F C PH											

Tour - 4 p.m. - Midnight
Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL GAL	WATER BBL	COAL TONS	STAN
DRILLER	BITS											
DERRICK	MUD											
MOTOR	WEIGHT											
FLOOR	VISCOSITY											
FLOOR	GEL											
FIREMAN	P U M P S											
EXTRA	NO 1 PRES SURE											
INJURIES:	MODEL S P M											
FIRES:	LINER SIZE											
	GENERAL											
	W L F C PH											

Total Ring on Bit No _____ C.P. Completed Date _____ Results _____ From Pipe Rack _____
B.O.P. Test Operator _____ Time _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19__

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL GALS	WATER BBLs	COAL TONS	
Specify Actual Hours Worked														
DRILLER		BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH CUT	CONDITION
DERRICK														
MOTOR														
FLOOR														
FLOOR														
FLOOR		MUD		2 M	4 A M	6 A M	ADDITIVES		AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
FLOOR		WEIGHT												
FLOOR		VISCOSITY												
FIREMAN		GEL												
EXTRA		PUMPS	NO 1	PRES SURE										
INJURIES:	N.I.		MODEL	SPM										
			LINER SIZE											
			NO 2	PRES SURE										
			MODEL	SPM										
FLOOR		GENERAL												
FLOOR		WL	F.C	pH										

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL GALS	WATER BBLs	COAL TONS	
Specify Actual Hours Worked														
DRILLER		BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH CUT	CONDITION
DERRICK														
MOTOR														
FLOOR														
FLOOR														
FLOOR		MUD		8 A M	10 A M	12 NOON	2 P M	ADDITIVES		AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
FLOOR		WEIGHT												
FLOOR		VISCOSITY												
FIREMAN		GEL												
EXTRA		PUMPS	NO 1	PRES SURE										
INJURIES:	N.I.		MODEL	SPM										
			LINER SIZE											
			NO 2	PRES SURE										
			MODEL	SPM										
FLOOR		GENERAL												
FLOOR		WL	F.C	pH										

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL GALS	WATER BBLs	COAL TONS	
Specify Actual Hours Worked														
DRILLER		BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH CUT	CONDITION
DERRICK														
MOTOR														
FLOOR														
FLOOR														
FLOOR		MUD		4 P M	6 P M	8 P M	10 P M	ADDITIVES		AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
FLOOR		WEIGHT												
FLOOR		VISCOSITY												
FIREMAN		GEL												
EXTRA		PUMPS	NO 1	PRES SURE										
INJURIES:			MODEL	SPM										
			LINER SIZE											
			NO 2	PRES SURE										
			MODEL	SPM										
FLOOR		GENERAL												
FLOOR		WL	F.C	pH										

Total Ring on Bit No _____ C.P. Caliper Date _____ Results _____ From Pipe Rock _____
 B.O.P. Test Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

DAY WORK RECORD

THIS IS _____ DAY ON THIS WELL

NOTE - Please show FOOTAGE made while Control Drilling as well as HOURS.

DATE 19

STANDS	WATER	COAL	TONS
SINGLES	GALS	BBLS	
D. COLLARS	DEPTH OUT	CONDITION	
OTHER FT			
CB FT			
SUBS FT	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
FT UP ON KELLY	1	1	
TOTAL	2	2	
	3	3	
	4	4	
	5	5	
TON MILES	TOTAL MILES	SLIP	FEET OR CUT
			FEET LEFT ON SPOOL
			NEXT SLIP

REMARKS

START TIME

STOP TIME

INTERVAL

[Faint handwritten notes in the first section]

1 pump & Rotary Table.

DATE 19

STANDS	WATER	COAL	TONS
SINGLES	GALS	BBLS	
D. COLLARS	DEPTH OUT	CONDITION	
OTHER FT			
CB FT			
SUBS FT	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
FT UP ON KELLY	1	1	
TOTAL	2	2	
	3	3	
	4	4	
	5	5	
TON MILES	TOTAL MILES	SLIP	FEET OR CUT
			FEET LEFT ON SPOOL
			NEXT SLIP

REMARKS

START TIME

STOP TIME

INTERVAL

Rigged to work 4:00 PM 1 well
Swabbing 7:00 PM 5 wells
Well Blowing 7:45 PM 2 wells

Swabbed 2 wells 2:00 PM
Swabbed 1 well 2:00 PM
Swabbed 1 well 2:00 PM
Swabbed 1 well 2:00 PM

5 sets of 2 pumps
2-4 sets of 2 pumps

DATE 19

STANDS	WATER	COAL	TONS
SINGLES	GALS	BBLS	
D. COLLARS	DEPTH OUT	CONDITION	
OTHER FT			
CB FT			
SUBS FT	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
FT UP ON KELLY	1	224	
TOTAL	2	370	
	3		
	4		
	5		
TON MILES	TOTAL MILES	SLIP	FEET OR CUT
			FEET LEFT ON SPOOL
			NEXT SLIP

REMARKS

START TIME

STOP TIME

INTERVAL

Swabbing 4:00 PM 2 wells
Rigged to work 4:00 PM
Swabbing 4:00 PM 2 wells
Swabbing 4:00 PM 2 wells
Swabbing 4:00 PM 2 wells

From Pipe Rock

TOTAL IN RELATIVE

HRS

TOTAL MEAN TIME

HRS APPROVED BY

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 24 DAY ON THIS WELL

RIG No. 17 COMPANY LOCATION DATE 19

Tour - Midnight - 8 a.m.
Specify Actual Hours Worked HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL	WATER	COAL	STA
												SING
DRILLER												D
DERRICK												OTH
MOTOR												C B
FLOOR												SUB
FLOOR												FT
FLOOR												KEL
FIREMAN												TOT
EXTRA												
INJURIES												
FIRES												

W.L. F.C. pH.

Tour - 8 a.m. - 4 p.m.
Specify Actual Hours Worked HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL	WATER	COAL	STA
												SING
DRILLER												D
DERRICK												OTH
MOTOR												C B
FLOOR												SUB
FLOOR												FT
FLOOR												KEL
FIREMAN												TOT
EXTRA												
INJURIES												
FIRES												

W.L. F.C. pH.

Tour - 4 p.m. - Midnight
Specify Actual Hours Worked HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL	WATER	COAL	STA
												SING
DRILLER												D
DERRICK												OTH
MOTOR												C B
FLOOR												SUB
FLOOR												FT
FLOOR												KEL
FIREMAN												TOT
EXTRA												
INJURIES												
FIRES												

W.L. F.C. pH.

Total Rig on Bit No. D.P. Calipered Date Results From 1000 Rock
B.O.P. Test Operated Time Results

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____

LOCATION _____

DATE _____

19 _____

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STA		
Specify Actual Hours Worked							NO	OD	ID	WGT	GALS	BBLs	TONS		
DRILLER		BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
DERRICK															
MOTOR															
FLOOR															
FLOOR															
FLOOR		MUD					12 MN	2 A M	4 A M	6 A M	ADDITIVES	AT SURVEYS DEGREE		MOTOR HOURS	NEXT OIL CHANGE
FLOOR		WEIGHT											1	2:00	
FLOOR		VISCOSITY											2	2:15	
FLOOR		GEL											3	2:30	
FLOOR		NO 1 PRES SURE											4	2:45	
FLOOR		MODEL S P M											5	3:00	
FLOOR		LINER SIZE													
FLOOR		NO 2 PRES SURE													
FLOOR		MODEL S P M													
FLOOR		LINER SIZE													
FLOOR		GENERAL													
FLOOR		W.L.													
FLOOR		F C													
FLOOR		pH													
Tour - 8 a.m. - 4 p.m.		Boiler Blue's													
Specify Actual Hours Worked		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STA		
							NO	OD	ID	WGT	GALS	BBLs	TONS		
DRILLER		BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
DERRICK															
MOTOR															
FLOOR															
FLOOR															
FLOOR		MUD					8 A M	10 A M	12 NOON	2 P M	ADDITIVES	AT SURVEYS DEGREE		MOTOR HOURS	NEXT OIL CHANGE
FLOOR		WEIGHT											1	1:15	
FLOOR		VISCOSITY											2	2:00	
FLOOR		GEL											3	2:45	
FLOOR		NO 1 PRES SURE											4	3:30	
FLOOR		MODEL S P M											5	4:15	
FLOOR		LINER SIZE													
FLOOR		NO 2 PRES SURE													
FLOOR		MODEL S P M													
FLOOR		LINER SIZE													
FLOOR		GENERAL													
FLOOR		W.L.													
FLOOR		F C													
FLOOR		pH													
Tour - 4 p.m. - Midnight															
Specify Actual Hours Worked		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STA		
							NO	OD	ID	WGT	GALS	BBLs	TONS		
DRILLER		BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
DERRICK															
MOTOR															
FLOOR															
FLOOR															
FLOOR		MUD					4 P M	6 P M	8 P M	10 P M	ADDITIVES	AT SURVEYS DEGREE		MOTOR HOURS	NEXT OIL CHANGE
FLOOR		WEIGHT											1	1:15	
FLOOR		VISCOSITY											2	2:00	
FLOOR		GEL											3	2:45	
FLOOR		NO 1 PRES SURE											4	3:30	
FLOOR		MODEL S P M											5	4:15	
FLOOR		LINER SIZE													
FLOOR		NO 2 PRES SURE													
FLOOR		MODEL S P M													
FLOOR		LINER SIZE													
FLOOR		GENERAL													
FLOOR		W.L.													
FLOOR		F C													
FLOOR		pH													

Totco Ring on Bit No

D.P. Caliper Date

Results

From P.C. Rack

B.O.P. Test Checked

Date

Results

DAILY DRILLING REPORT

DAY WORK RECORD

THIS IS _____ DAY ON THIS WELL

NOTE - Please show FOOTAGE made while Control Drilling as well as HOURS.

DATE 19 4 1

ALL COLLARS		FUEL	WATER		COAL	STANDS
ID	WGT	GALS	BBLs	TONS	SINGLES	
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS	
					OTHER FT	
					C B FT	
					SUBS FT	
					FT UP ON KELLY	
					TOTAL	
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP	

REMARKS

Time START STOP INTERVAL

11:00 - 11:30
 11:30 - 12:00
 12:00 - 12:30
 12:30 - 1:00
 1:00 - 1:30
 1:30 - 2:00
 2:00 - 2:30
 2:30 - 3:00
 3:00 - 3:30
 3:30 - 4:00
 4:00 - 4:30
 4:30 - 5:00
 5:00 - 5:30
 5:30 - 6:00
 6:00 - 6:30
 6:30 - 7:00
 7:00 - 7:30
 7:30 - 8:00
 8:00 - 8:30
 8:30 - 9:00
 9:00 - 9:30
 9:30 - 10:00
 10:00 - 10:30
 10:30 - 11:00

Boiler this

ALL COLLARS		FUEL	WATER		COAL	STANDS
ID	WGT	GALS	BBLs	TONS	SINGLES	
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS	
					OTHER FT	
					C B FT	
					SUBS FT	
					FT UP ON KELLY	
					TOTAL	
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP	

REMARKS

11:00 - 11:30
 11:30 - 12:00
 12:00 - 12:30
 12:30 - 1:00
 1:00 - 1:30
 1:30 - 2:00
 2:00 - 2:30
 2:30 - 3:00
 3:00 - 3:30
 3:30 - 4:00
 4:00 - 4:30
 4:30 - 5:00
 5:00 - 5:30
 5:30 - 6:00
 6:00 - 6:30
 6:30 - 7:00
 7:00 - 7:30
 7:30 - 8:00
 8:00 - 8:30
 8:30 - 9:00
 9:00 - 9:30
 9:30 - 10:00
 10:00 - 10:30
 10:30 - 11:00

ALL COLLARS		FUEL	WATER		COAL	STANDS
ID	WGT	GALS	BBLs	TONS	SINGLES	
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS	
					OTHER FT	
					C B FT	
					SUBS FT	
					FT UP ON KELLY	
					TOTAL	
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP	

REMARKS

11:00 - 11:30
 11:30 - 12:00
 12:00 - 12:30
 12:30 - 1:00
 1:00 - 1:30
 1:30 - 2:00
 2:00 - 2:30
 2:30 - 3:00
 3:00 - 3:30
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 5:30 - 6:00
 6:00 - 6:30
 6:30 - 7:00
 7:00 - 7:30
 7:30 - 8:00
 8:00 - 8:30
 8:30 - 9:00
 9:00 - 9:30
 9:30 - 10:00
 10:00 - 10:30
 10:30 - 11:00

From Rock

CONTRACTIVE

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. 17 COMPANY _____ LOCATION N. ... DATE Sept 5th 19

Tour - Midnight - 8 a.m.
Specify Actual Hours Worked _____ HRS.

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS	FUEL	WATER	COAL	STA
					NO. O.D. I.D. WGT	GALS	BBLs	TONS	SING
DRILLER: <u>F. ...</u>									
DERRICK: <u>...</u>									
MOTOR: <u>...</u>									
FLOOR: <u>...</u>									
FLOOR: <u>...</u>									
FIREMAN: <u>...</u>									
EXTRA: <u>...</u>									
INJURIES: <u>Nil</u>									
FIRES: <u>Nil</u>									

W.L. 100 F.C. ... PH ...

Tour - 8 a.m. - 4 p.m.
Specify Actual Hours Worked _____ HRS.

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS	FUEL	WATER	COAL	STA
					NO. O.D. I.D. WGT	GALS	BBLs	TONS	SING
DRILLER: <u>...</u>									
DERRICK: <u>...</u>									
MOTOR: <u>...</u>									
FLOOR: <u>...</u>									
FLOOR: <u>...</u>									
FIREMAN: <u>...</u>									
EXTRA: <u>...</u>									
INJURIES: <u>Nil</u>									
FIRES: <u>Nil</u>									

W.L. 100 F.C. ... PH ...

Tour - 4 p.m. - Midnight
Specify Actual Hours Worked _____ HRS.

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS	FUEL	WATER	COAL	STA
					NO. O.D. I.D. WGT	GALS	BBLs	TONS	SING
DRILLER: <u>...</u>									
DERRICK: <u>...</u>									
MOTOR: <u>...</u>									
FLOOR: <u>...</u>									
FLOOR: <u>...</u>									
FIREMAN: <u>...</u>									
EXTRA: <u>...</u>									
INJURIES: <u>Nil</u>									
FIRES: <u>Nil</u>									

W.L. 100 F.C. ... PH ...

Totco Ring on Bit No. _____ Results _____
 B O P Test-Operated _____ Results _____
 D.P. Calipered Date _____

DAILY DRILLING REPORT

DAY WORK RECORD

THIS IS 2 DAY ON THIS WELL

NOTE - Please show FOOTAGE made while Control Drilling as well as POURS.

DATE Feb 5th 1964

ALL COLLARS	FUEL	WATER	COAL	STANDS
D ID WGT	GALS	BBLs	TONS	SINGLES
				131-1174500
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
				11-20-21
AT SURVEYS DEGREE				NEXT OIL CHANGE
				11-20-21
MOTOR HOURS				OTHER FT
1	176			11-20-21
2	233			11-20-21
3	266			11-20-21
4	606			11-20-21
5	60			11-20-21
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
	168119			1254100

REMARKS	START	TIME STOP	INTERVAL
131-1174500	12:00	1:00	1
11-20-21	1:00	2:00	1
11-20-21	2:30	6:00	3 30
11-20-21	6:00		2

Reamed Slip

ALL COLLARS	FUEL	WATER	COAL	STANDS
D ID WGT	GALS	BBLs	TONS	SINGLES
				116-12591-12619
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
				1-2116
AT SURVEYS DEGREE				NEXT OIL CHANGE
				1-2116
MOTOR HOURS				OTHER FT
1	164			1-2116
2	216			1-2116
3	274			1-2116
4	674			1-2116
5	8			1-2116
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
				1261900

REMARKS	START	TIME STOP	INTERVAL
116-12591-12619	4:00	4:45	45
1-2116	4:45	5:15	30
1-2116	5:15	5:45	30
1-2116	5:45	6:15	30
1-2116	6:15	6:45	30
1-2116	6:45	7:15	30
1-2116	7:15	7:45	30
1-2116	7:45	8:15	30

ALL COLLARS	FUEL	WATER	COAL	STANDS
D ID WGT	GALS	BBLs	TONS	SINGLES
				116-12591-12619
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
				172
AT SURVEYS DEGREE				NEXT OIL CHANGE
				172
MOTOR HOURS				OTHER FT
1	172			172
2	246			172
3	282			172
4	682			172
5	76			172
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
				172

REMARKS	START	TIME STOP	INTERVAL
116-12591-12619	4:00	6:00	2
116-12591-12619	6:00	6:00	0
116-12591-12619	6:00	7:00	1
116-12591-12619	7:00	7:00	0
116-12591-12619	7:00	8:00	1
116-12591-12619	8:00	8:00	0

From Pipe Rack

TOTAL CONTRACTOR TIME

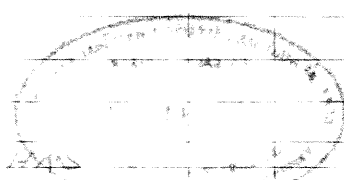
HRS

TOTAL PUSHER

TOTAL COMPANY TIME

HRS

APPROVED BY



CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. 17 COMPANY _____ LOCATION _____ DATE _____ 19__

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STA		
Specify Actual Hours Worked _____ HRS							NO	OD	ID	WGT	GALS	BBLS	TONS		
DRILLER		BITS		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
DERRICK		MUD		12 MN	2 AM	4 AM	6 AM	ADDITIVES			AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
MOTOR		WEIGHT		VISCOSITY			GEL			1		2		3	
FLOOR		NO 1 PRES SURE MODEL		LINER SIZE			SIZE			TRIPS		NO LINES		TON MILES	
FLOOR		NO 2 PRES SURE MODEL		LINER SIZE			GENERAL			TOTAL MILES		SLIP		FEET OR CUT	
FIREMAN		PUMPS		W L			F C			pH			FEET LEFT ON SPOOL		
EXTRA															
INJURIES:															
FIRES:															

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STA		
Specify Actual Hours Worked _____ HRS							NO	OD	ID	WGT	GALS	BBLS	TONS		
DRILLER		BITS		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
DERRICK		MUD		8 AM	10 AM	12 NOON	2 PM	ADDITIVES			AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
MOTOR		WEIGHT		VISCOSITY			GEL			1		2		3	
FLOOR		NO 1 PRES SURE MODEL		LINER SIZE			SIZE			TRIPS		NO LINES		TON MILES	
FLOOR		NO 2 PRES SURE MODEL		LINER SIZE			GENERAL			TOTAL MILES		SLIP		FEET OR CUT	
FIREMAN		PUMPS		W L			F C			pH			FEET LEFT ON SPOOL		
EXTRA															
INJURIES:															
FIRES:															

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STA		
Specify Actual Hours Worked _____ HRS							NO	OD	ID	WGT	GALS	BBLS	TONS		
DRILLER		BITS		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
DERRICK		MUD		4 PM	6 PM	8 PM	10 PM	ADDITIVES			AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
MOTOR		WEIGHT		VISCOSITY			GEL			1		2		3	
FLOOR		NO 1 PRES SURE MODEL		LINER SIZE			SIZE			TRIPS		NO LINES		TON MILES	
FLOOR		NO 2 PRES SURE MODEL		LINER SIZE			GENERAL			TOTAL MILES		SLIP		FEET OR CUT	
FIREMAN		PUMPS		W L			F C			pH			FEET LEFT ON SPOOL		
EXTRA															
INJURIES:															
FIRES:															

Torco Ring on Bit No _____ DP Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____

MCDAM SAFETY FILM

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. 19 COMPANY _____ LOCATION _____ DATE _____ 19____

Tour - Midnight - 8 a.m.
Specify Actual Hours Worked _____ HRS

DRILLER: Francis J. Fisher
DERRICK: Manuel Unzueta
MOTOR: Lige N. Smith
FLOOR: Alan Taylor
FLOOR: Robert Harrison
FIREMAN: _____
EXTRA: _____
INJURIES: Nil
FIRES: _____

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS				FUEL	WATER	COAL
					NO	O D	I D	WGT	GALS	BBLs	TONS
11:30	29	11:34	7/4	1740	24	2 1/2	1 1/4	260			

BITS

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
227	5 1/2	2 1/2	3/4	63497							

MUD

12 MN	2 A M	4 A M	6 A M	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
						1170	

WEIGHT

VISCOSITY

GEL

PUMPS

NO 1	PRE-SURE	MODEL	S P M	LINER SIZE	NO 2	PRE-SURE	MODEL	S P M	LINER SIZE

GENERAL

SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
				167884		20	

W.L. _____ F.C. _____ pH. _____

Tour - 6 a.m. - 4 p.m.
Specify Actual Hours Worked _____ HRS

DRILLER: Robert Diver
DERRICK: Robert Greenwood
MOTOR: Das Berg
FLOOR: David Woodard
FLOOR: David Zarnack
FIREMAN: Charles Novak
EXTRA: _____
INJURIES: _____
FIRES: _____

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS				FUEL	WATER	COAL
					NO	O D	I D	WGT	GALS	BBLs	TONS
12:06	29	12:34	7/4	1740	24	2 1/2	1 1/4	260			

BITS

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
227	5 1/2	2 1/2	3/4	63497							Sang

MUD

8 A M	10 A M	12 NOON	2 P M	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
				2 Seign Water		116	

WEIGHT

VISCOSITY

GEL

PUMPS

NO 1	PRE-SURE	MODEL	S P M	LINER SIZE	NO 2	PRE-SURE	MODEL	S P M	LINER SIZE

GENERAL

SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
						626	

W.L. _____ F.C. _____ pH. _____

Tour - 4 p.m. - Midnight
Specify Actual Hours Worked _____ HRS

DRILLER: W. J. Diver
DERRICK: Lee J. Smith
MOTOR: W. J. Smith
FLOOR: W. J. Smith
FLOOR: W. J. Smith
FIREMAN: _____
EXTRA: _____
INJURIES: _____
FIRES: _____

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS				FUEL	WATER	COAL
					NO	O D	I D	WGT	GALS	BBLs	TONS
12:24	20	12:44	7/4	1740	24	2 1/2	1 1/4	260			

BITS

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
227	5 1/2	2 1/2	3/4	63497					15		Drilling

MUD

4 P M	6 P M	8 P M	10 P M	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
						125440	

WEIGHT

VISCOSITY

GEL

PUMPS

NO 1	PRE-SURE	MODEL	S P M	LINER SIZE	NO 2	PRE-SURE	MODEL	S P M	LINER SIZE

GENERAL

SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
						63	

W.L. _____ F.C. _____ pH. _____

Total Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rock _____
B.O.P. Test Operated _____ Time _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. 11 COMPANY _____

LOCATION North ... DATE 4 1950

Tour - Midnight - 8 a.m.
Specify Actual Hours Worked _____ HRS

DRILLER _____
DERRICK _____
MOTOR _____
FLOOR _____
FLOOR _____
FLOOR _____
FIREMAN _____
EXTRA _____
INJURIES: Vol
FIRES: _____

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL	WATER	COAL
BITS NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT R.P.M. FT DRLD FT RMD HRS DEPTH OUT CONDITION											
MUD 12 MN 2 A.M. 4 A.M. 8 A.M. ADDITIVES AT SURVEYS DEGREE											
WEIGHT											
VISCOSITY											
GEL											
PUMPS NO. 1 PRES. SURE MODEL S.P.M. LINER SIZE NO. 2 PRES. SURE MODEL S.P.M. LINER SIZE											
GENERAL											
W.L. F.C. pH.											

Tour - 8 a.m. - 4 p.m.
Specify Actual Hours Worked _____ HRS

DRILLER Robert Jones
DERRICK Robert Jones
MOTOR Bob Bury
FLOOR Robert Jones
FLOOR Robert Jones
FLOOR _____
FIREMAN Robert Jones
EXTRA _____
INJURIES: Nil
FIRES: Nil

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL	WATER	COAL
BITS NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT R.P.M. FT DRLD FT RMD HRS DEPTH OUT CONDITION											
MUD 8 A.M. 10 A.M. 12 NOON 2 P.M. ADDITIVES AT SURVEYS DEGREE											
WEIGHT											
VISCOSITY											
GEL											
PUMPS NO. 1 PRES. SURE MODEL S.P.M. LINER SIZE NO. 2 PRES. SURE MODEL S.P.M. LINER SIZE											
GENERAL											
W.L. F.C. pH.											

Tour - 4 p.m. - Midnight
Specify Actual Hours Worked _____ HRS

DRILLER W.D. Hagan
DERRICK Walt
MOTOR Walt
FLOOR Walt
FLOOR Walt
FLOOR _____
FIREMAN _____
EXTRA _____
INJURIES: Nil
FIRES: _____

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL	WATER	COAL
BITS NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT R.P.M. FT DRLD FT RMD HRS DEPTH OUT CONDITION											
MUD 4 P.M. 6 P.M. 8 P.M. 10 P.M. ADDITIVES AT SURVEYS DEGREE											
WEIGHT											
VISCOSITY											
GEL											
PUMPS NO. 1 PRES. SURE MODEL S.P.M. LINER SIZE NO. 2 PRES. SURE MODEL S.P.M. LINER SIZE											
GENERAL											
W.L. F.C. pH.											

Total Ring on Bit No _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test Operated _____ Time _____ Results _____

CASCADE DRILLING

company limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19 _____

Tour - Midnight - 8 a.m.
Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL		
					NO	OD	ID	WGT	GALS	BBLs	TONS	
12469												
DRILLER	B I T S											
DERRICK	NO SIZE TYPE SIZE JETS SERIAL NO WEIGHT RPM FT DRLD FT RMD HRS DEPTH OUT CONDITION											
MOTOR												
FLOOR												
FLOOR												
FLOOR												
FIREMAN												
EXTRA												
INJURIES:	Nil											
FIRES:												
MUD			12 MN	2 AM	4 AM	6 AM	ADDITIVES			AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT			12	12	12					1	60	
VISCOSITY			46	46	46					2	170	
GEL										3	170	
NO 1 PRES SURE			1800							4	170	
MODEL										5	170	
LINER SIZE			4 7/8							SIZE TRIPS NO LINES TON MILES TOTAL MILES SLIP FEET OR CUT FEET LEFT ON SPOOL		
NO 2 PRES SURE										GENERAL		
MODEL										13.5 ton steel		
LINER SIZE												
WL			1.4	FC	3.5	PH	9.5					

Tour - 8 a.m. - 4 p.m.
Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL		
					NO	OD	ID	WGT	GALS	BBLs	TONS	
12495	11	12506	3									
DRILLER	B I T S											
DERRICK	NO SIZE TYPE SIZE JETS SERIAL NO WEIGHT RPM FT DRLD FT RMD HRS DEPTH OUT CONDITION											
MOTOR												
FLOOR												
FLOOR												
FLOOR												
FIREMAN												
EXTRA												
INJURIES:												
FIRES:	Nil											
MUD			8 AM	10 AM	12 NOON	2 PM	ADDITIVES			AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT			11.9	12.0	12.1					1	68	
VISCOSITY			50	48	45	20				2	144	
GEL										3	170	
NO 1 PRES SURE			200							4	586	
MODEL										5	586	
LINER SIZE			4 7/8							SIZE TRIPS NO LINES TON MILES TOTAL MILES SLIP FEET OR CUT FEET LEFT ON SPOOL		
NO 2 PRES SURE										GENERAL		
MODEL												
LINER SIZE												
WL			1.4	FC	3.5	PH	9.5					

Tour - 4 p.m. - Midnight
Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL		
					NO	OD	ID	WGT	GALS	BBLs	TONS	
12506	0	12506	0	182								
DRILLER	B I T S											
DERRICK	NO SIZE TYPE SIZE JETS SERIAL NO WEIGHT RPM FT DRLD FT RMD HRS DEPTH OUT CONDITION											
MOTOR												
FLOOR												
FLOOR												
FLOOR												
FIREMAN												
EXTRA												
INJURIES:												
FIRES:												
MUD			4 PM	6 PM	8 PM	10 PM	ADDITIVES			AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT			12							1	26	
VISCOSITY			50							2	172	
GEL										3	170	
NO 1 PRES SURE			200							4	586	
MODEL										5	586	
LINER SIZE			4 7/8							SIZE TRIPS NO LINES TON MILES TOTAL MILES SLIP FEET OR CUT FEET LEFT ON SPOOL		
NO 2 PRES SURE										GENERAL		
MODEL												
LINER SIZE												
WL			1.4	FC	3.5	PH	9.5					

Totco Ring on Bit No _____ DP Calipered Date _____ Results _____ From Pipe Rock _____
BOP Test Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

DAY WORK RECORD

THIS IS _____ DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE 11-24-19

RILL COLLARS		FUEL	WATER	COAL	STANDS																												
D	ID	WGT	GALS	BBL'S	TONS																												
12	12	26			12																												
<table border="1"> <thead> <tr> <th>FT DRLD</th> <th>FT RMD</th> <th>HRS</th> <th>DEPTH OUT</th> <th>CONDITION</th> </tr> </thead> <tbody> <tr> <td>52</td> <td></td> <td>1</td> <td></td> <td></td> </tr> </tbody> </table>					FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	52		1			<table border="1"> <thead> <tr> <th>AT SURVEYS DEGREE</th> <th>MOTOR HOURS</th> <th>NEXT OIL CHANGE</th> </tr> </thead> <tbody> <tr> <td>120°</td> <td>60</td> <td></td> </tr> <tr> <td></td> <td>136</td> <td></td> </tr> <tr> <td></td> <td>178</td> <td></td> </tr> <tr> <td></td> <td>522</td> <td></td> </tr> <tr> <td></td> <td>114</td> <td></td> </tr> </tbody> </table>	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	120°	60			136			178			522			114	
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION																													
52		1																															
AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE																															
120°	60																																
	136																																
	178																																
	522																																
	114																																
TON MILES		TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP																											
Barlow Sha																																	

REMARKS	START	STOP	INTERVAL
Drilling			

RILL COLLARS		FUEL	WATER	COAL	STANDS																												
D	ID	WGT	GALS	BBL'S	TONS																												
12	12	26			12																												
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FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION																													
52		14	12	106																													
AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE																															
0°	68																																
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10	178																																
17	586																																
15	132																																
TON MILES		TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP																											
11/24/19																																	

REMARKS	START	STOP	INTERVAL
Drilling	8:25	8:45	1/4 WOP
Drilling	8:45	9:15	1/4 WOP
Drilling	9:30	10:00	1/4 WOP
Drilling	10:00	11:00	1/4 WOP
Drilling	11:00	11:00	1/4 WOP

RILL COLLARS		FUEL	WATER	COAL	STANDS																												
D	ID	WGT	GALS	BBL'S	TONS																												
12	12	26			12																												
<table border="1"> <thead> <tr> <th>FT DRLD</th> <th>FT RMD</th> <th>HRS</th> <th>DEPTH OUT</th> <th>CONDITION</th> </tr> </thead> <tbody> <tr> <td>52</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	52					<table border="1"> <thead> <tr> <th>AT SURVEYS DEGREE</th> <th>MOTOR HOURS</th> <th>NEXT OIL CHANGE</th> </tr> </thead> <tbody> <tr> <td>112</td> <td>176</td> <td></td> </tr> <tr> <td></td> <td>172</td> <td></td> </tr> <tr> <td></td> <td>186</td> <td></td> </tr> <tr> <td></td> <td>544</td> <td></td> </tr> <tr> <td></td> <td>144</td> <td></td> </tr> </tbody> </table>	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	112	176			172			186			544			144	
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION																													
52																																	
AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE																															
112	176																																
	172																																
	186																																
	544																																
	144																																
TON MILES		TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP																											
11/24/19																																	

REMARKS	START	STOP	INTERVAL
Drilling			
Drilling			
Drilling			
Drilling			
Drilling			

From Pipe Rock

TOTAL CONTRACTOR TIME _____ HRS

TOOLPUSHER _____

TOTAL COMPANY TIME _____ HRS

APPROVED BY _____

CASCADE DRILLING

company limited

DAILY DRILLING REPORT

THIS IS 22 DAY ON THIS WELL

RIG No. 17 COMPANY LOCATION DATE 19

Tour - Midnight - 8 a.m.
Specify Actual Hours Worked HRS

DRILLER	James Baker	8
DERRICK	James Baker	8
MOTOR	James Baker	8
FLOOR	James Baker	8
FLOOR	James Baker	8
FLOOR	James Baker	8
FIREMAN	James Baker	8
EXTRA		
INJURIES:	Nil	
FIRES:		

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO O.D. I.D. WGT	FUEL GAL	WATER BBL	COAL TONS				
12441	40	12442	2	1100	4 2 2							
NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R.P.M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
225	5 7/8	46 LG	1 3/4	1100	14	13	97		20			
MUD				ADDITIVES				AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
WEIGHT				KARID - 200				20		44		
VISCOSITY				1 lb on 13 M.S.				120		120		
GEL				500 = GIBCO XIN				120		120		
NO 1 PRESURE MODEL S.P.M				1000 = CARBONOX				208		208		
NO 2 PRESURE MODEL S.P.M												
GENERAL				Used 1 - 4 1/2" bit 1 - 1 1/2" bit								
W.L.				F.C.				P.H.				

Tour - 8 a.m. - 4 p.m.
Specify Actual Hours Worked HRS

DRILLER	James Baker	8
DERRICK	James Baker	8
MOTOR	James Baker	8
FLOOR	James Baker	8
FLOOR	James Baker	8
FLOOR	James Baker	8
FIREMAN	James Baker	8
EXTRA		
INJURIES:	Nil	
FIRES:		

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO O.D. I.D. WGT	FUEL GAL	WATER BBL	COAL TONS				
12441	12	12454	2 1/2	1100	4 2 2							
NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R.P.M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
225	5 7/8	46 LG	1 3/4	1100	14	13	97		20			
MUD				ADDITIVES				AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
WEIGHT				KARID - 200				20		44		
VISCOSITY				1 lb on 13 M.S.				120		120		
GEL				500 = GIBCO XIN				120		120		
NO 1 PRESURE MODEL S.P.M				1000 = CARBONOX				208		208		
NO 2 PRESURE MODEL S.P.M												
GENERAL				Used 1 - 4 1/2" bit 1 - 1 1/2" bit								
W.L.				F.C.				P.H.				

Tour - 4 p.m. - Midnight
Specify Actual Hours Worked HRS

DRILLER	Wm O'Hagan	8
DERRICK	Leo Jackson	8
MOTOR	Walt Sloanak	8
FLOOR	Wm O'Hagan	8
FLOOR	Leo Jackson	8
FLOOR	Walt Sloanak	8
FIREMAN	Wm O'Hagan	8
EXTRA		
INJURIES:	Nil	
FIRES:		

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO O.D. I.D. WGT	FUEL GAL	WATER BBL	COAL TONS				
12454	15	12469	3 1/2	1750	4 2 2			125				
NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R.P.M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
225	5 7/8	46 LG	1 3/4	011420	15	43	15		20		Frilling	
MUD				ADDITIVES				AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
WEIGHT				water				12357 20		52		
VISCOSITY				water				120		120		
GEL				water				120		120		
NO 1 PRESURE MODEL S.P.M								208		208		
NO 2 PRESURE MODEL S.P.M												
GENERAL				Used 1 - 4 1/2" bit 1 - 1 1/2" bit								
W.L.				F.C.				P.H.				

Totco Ring on Bit No
B O P Test Operated

D.P. Colpered Date
Time

Results
Results

From Pipe Rack

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 327 DAY ON THIS WELL

RIG No. 19 COMPANY *Cascade Drilling*

LOCATION *4-43-9-4T-21*

DATE *Feb 1 1968*

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked

DRILLER	<i>Wm. D. Hagan</i>	8
DERRICK	<i>Mike Berg</i>	8
MOTOR	<i>Walt. Bonak</i>	8
FLOOR	<i>Don Hoover</i>	8
FLOOR	<i>Art. Ferguson</i>	8
FIREMAN		
EXTRA		
INJURIES:		
FIRES:		

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO T O D I D WGT	FUEL	WATER	COAL	STAN			
12343	14	12373	3 1/4	172	24 4 4 2 1/2 1/2			14	14			
BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
	224	5 1/2	YCRG	4/0	E1428618	46	74				12357.1-4-1	24
	225	5 1/2	YCRG	4/0	E1428618	46	74				20 1/2	
MUD	12 MN	2 AM	4 AM	6 AM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE				
WEIGHT	12	112.1				11357.20	16					
VISCOSITY	48	47					88					
GEL							130					
							530					
							176					
PUMP	NO 1 PRES SURE	2000	2000									
	MODEL S P M	44	44									
	NO 2 PRES SURE	5 1/2										
	MODEL S P M											
	NO 2 PRES SURE	5 1/2										
	MODEL S P M											
	NO 2 PRES SURE	5 1/2										
	MODEL S P M											
GENERAL	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL				
	1 1/4	8			166803							
W.L.	1.7	F.C.	432	PH	9.5							

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked

DRILLER	<i>Ernest Parker</i>	8
DERRICK	<i>Maurice Machon</i>	8
MOTOR	<i>Bob McNeil</i>	8
FLOOR	<i>Alan P. Foshan</i>	8
FLOOR	<i>Albert Leming</i>	8
FLOOR	<i>Charles Nowleski</i>	8
FIREMAN		
EXTRA		
INJURIES:		
FIRES:	<i>N.I.L.</i>	

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO O D I D WGT	FUEL	WATER	COAL	STAN			
123579		12362	2	176	34 4 2 1/2 1/2				14			
BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
	155	5 1/2	YCRG	OPEN	E14509	13	43			2		
MUD	8 AM	10 AM	12 NOON	2 PM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE				
WEIGHT		11	11.2			1000	20					
VISCOSITY			11			300	46					
GEL							130					
							176					
PUMP	NO 1 PRES SURE											
	MODEL S P M											
	NO 2 PRES SURE											
	MODEL S P M											
	NO 2 PRES SURE											
	MODEL S P M											
GENERAL	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL				
					167083		46	150				
W.L.	1.7	F.C.	432	PH	9.5							

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked

DRILLER	<i>Ernest Parker</i>	8
DERRICK	<i>Ernest Parker</i>	8
MOTOR	<i>Wm. D. Hagan</i>	8
FLOOR	<i>Wm. D. Hagan</i>	8
FLOOR	<i>Wm. D. Hagan</i>	8
FIREMAN		
EXTRA		
INJURIES:		
FIRES:		

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO O D I D WGT	FUEL	WATER	COAL	STAN			
12366	35	12401	2 1/4	116	24 4 2 1/2 1/2				14			
BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
	225	5 1/2	YCRG	4/0	E14587	18	44			4 1/2		
MUD	4 PM	6 PM	8 PM	10 PM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE				
WEIGHT												
VISCOSITY												
GEL												
PUMP	NO 1 PRES SURE											
	MODEL S P M											
	NO 2 PRES SURE											
	MODEL S P M											
	NO 2 PRES SURE											
	MODEL S P M											
GENERAL	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL				
W.L.	1.7	F.C.	432	PH	9.5							

Torco Ring on Bit No *322* DP Calipered Date *Feb 1 1968* Results *From Pipe Rack*

BOP Test-Operated Time *11:20* Results *OK*

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 327 DAY ON THIS WELL

NOTE - Please show FOOTAGE made while Control Drilling as well as HOURS.

DATE Feb 1 1964

COAL 124 TONS

STANDS 41683-59 SINGLES

DEPTH OUT 12357.14-1

CONDITION 24-706-21

OTHER FT

AT SURVEYS DEGREE 12357.20

MOTOR HOURS

1	16
2	89
3	130
4	530
5	176

TOTAL 12357

TON MILES 166803

REMARKS

START TIME INTERVAL

1200 2 452 3/4 ✓

245 3 15 1/2 ✓

365 3 30 1/4 ✓

330 2 30 4 ✓

more work done and 730

change site 300' in well

COAL 124 TONS

STANDS 24-706-21 SINGLES

DEPTH OUT 1000

CONDITION 49

OTHER FT 150

AT SURVEYS DEGREE 500

MOTOR HOURS

1	70
2	46
3	138
4	38
5	124

TOTAL 1226

TON MILES 117083

Boiler gas

REMARKS

Rinse sea + Basin

Ship + Cut Pipe

Rinse in w/ Bit # 25

clean to Bottom 6'

Drill 5/8 Hole

Close Hole, 1 = Cut Out Gas

Drill 1 1/2 Hole

2 00 2 15 1/2 WOP

2 15 3 05 1/2 ✓

2 05 1 15 3 ✓

11 40 1 00 1/4 ✓

1 00 1 30 1/2 ✓

1 30 2 20 1 ✓

1 30 4 00 1 1/2 ✓

COAL 124 TONS

STANDS 24-706-21 SINGLES

DEPTH OUT 12357.14-1

CONDITION 24-706-21

OTHER FT

AT SURVEYS DEGREE

MOTOR HOURS

1	16
2	89
3	130
4	530
5	176

TOTAL 12357

TON MILES 166803

REMARKS

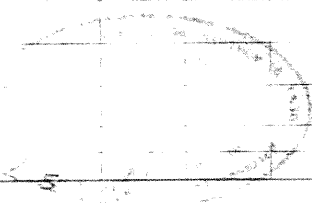
Drill 5/8 Hole

up to 1200

11 00 12 00 1/2 WOP

From Pipe Rock

TOTAL CONTRACTOR TIME _____ HRS
 TOTAL COMPANY TIME _____ HRS
 APPROVED BY: _____



CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 3-0 DAY ON THIS WELL

RIG No. 19 COMPANY San Southern LOCATION Hedden P. 27-27 DATE Jan 31 1962

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL	STATION		
Specify Actual Hours Worked		HRS					NO.	O.D.	I.D.	WGT	GALS	BBL'S	TONS			
DRILLER	<u>W O Hagan</u>	<u>8</u>	<u>12263</u>		<u>12214 1/4</u>	<u>172</u>	<u>2</u>	<u>4 1/2</u>	<u>4 1/2</u>	<u>20</u>	<u>207450</u>			<u>123</u>	<u>123</u>	
DERRICK	<u>W H Hadden</u>	<u>8</u>	<u>12269</u>	<u>11</u>	<u>12214 1/4</u>	<u>172</u>	<u>2</u>	<u>4 1/2</u>	<u>4 1/2</u>	<u>20</u>	<u>207450</u>					
MOTOR	<u>Walt Hecorn</u>	<u>8</u>														
FLOOR	<u>Don Brown</u>	<u>8</u>														
FLOOR	<u>at way</u>	<u>8</u>														
FIREMAN																
EXTRA																
INJURIES:	<u>nil</u>															
FIRES:	<u>nil</u>															
			MUD		12 MN	2 A M	4 A M	6 A M	ADDITIVES			AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
			WEIGHT											1 <u>806</u>		
			VISCOSITY											2 <u>64</u>		
			GEL											3 <u>106</u>		
			NO 1 PRES-SURE											4 <u>506</u>		
			MODEL S.P.M.											5 <u>152</u>		
			NO 2 PRES-SURE													
			MODEL S.P.M.													
			NO 1 PRES-SURE													
			MODEL S.P.M.													
			NO 2 PRES-SURE													
			MODEL S.P.M.													
			NO 1 PRES-SURE													
			MODEL S.P.M.													
			NO 2 PRES-SURE													
			MODEL S.P.M.													
			NO 1 PRES-SURE													
			MODEL S.P.M.													
			NO 2 PRES-SURE													
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			MODEL S.P.M.													
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			MODEL S.P.M.													
			NO 2 PRES-SURE													
			MODEL S.P.M.													
			NO 1 PRES-SURE													
			MODEL S.P.M.		</											

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 325 DAY ON THIS WELL

RIG No. 19 COMPANY *Cascade Southern* LOCATION *A-13-4 YTI-27* DATE *Jan 30 1960*

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STAN SING	
Specify Actual Hours Worked								NO	OD	ID	WGT	GALS	BBLs	TONS
DRILLER	<i>Wm O'Hagan</i>	<i>12</i>	<i>234</i>	<i>0</i>		<i>184 M</i>	<i>24 1/2</i>	<i>2 1/4</i>	<i>26</i>	<i>1207050</i>				
DERRICK	<i>John Holder</i>	BITS												
MOTOR	<i>Walt Hunsack</i>	MUD												
FLOOR	<i>Don Jones</i>	WEIGHT												
FLOOR	<i>Art Jungway</i>	VISCOSITY												
FIREMAN		GEL												
EXTRA		PUMPS												
INJURIES:	<i>N</i>	NO 1 PRES-SURE												
FIRES:		MODEL S P M												
		LINER SIZE												
		NO 2 PRES-SURE												
		MODEL S P M												
		LINER SIZE												
		W.L.		F.C.		PH								

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STAN SING	
Specify Actual Hours Worked								NO	OD	ID	WGT	GALS	BBLs	TONS
DRILLER	<i>Finnest Parker</i>	<i>11</i>	<i>34</i>			<i>124</i>	<i>24 1/2</i>	<i>2 1/4</i>	<i>26</i>					
DERRICK	<i>Maurice Capron</i>	BITS												
MOTOR	<i>Ben M. Stephens</i>	MUD												
FLOOR	<i>Alvin Stephan</i>	WEIGHT												
FLOOR	<i>Carlton Stephens</i>	VISCOSITY												
FLOOR	<i>Charlie Nowlesky</i>	GEL												
FIREMAN		PUMPS												
EXTRA		NO 1 PRES-SURE												
INJURIES:		MODEL S P M												
FIRES:		LINER SIZE												
		NO 2 PRES-SURE												
		MODEL S P M												
		LINER SIZE												
		W.L.		F.C.		PH								

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STAN SING	
Specify Actual Hours Worked								NO	OD	ID	WGT	GALS	BBLs	TONS
DRILLER	<i>Robert Jones</i>	<i>11</i>	<i>34</i>	<i>4</i>		<i>114 M</i>	<i>24 1/2</i>	<i>2 1/4</i>	<i>26</i>					
DERRICK	<i>Walt Hunsack</i>	BITS												
MOTOR	<i>Walt Hunsack</i>	MUD												
FLOOR	<i>Walt Hunsack</i>	WEIGHT												
FLOOR	<i>Walt Hunsack</i>	VISCOSITY												
FLOOR		GEL												
FIREMAN		PUMPS												
EXTRA		NO 1 PRES-SURE												
INJURIES:		MODEL S P M												
FIRES:		LINER SIZE												
		NO 2 PRES-SURE												
		MODEL S P M												
		LINER SIZE												
		W.L.		F.C.		PH								

Total Ring on Bit No _____ DP Calipered Date _____ Results _____ From Pipe Rack _____
 BOP Test Operated _____ Time _____ Results _____

CASCADE DRILLING

company limited

DAILY DRILLING REPORT

THIS IS 327 DAY ON THIS WELL

RIG No. 19 COMPANY *an Southern*

LOCATION 4 B R. 411-27

DATE Jan 29 1962

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked HRS

DRILLER *Wm O'Hagan 8*

DERRICK *John Hunter 8*

MOTOR *Walt Bennett 8*

FLOOR *Don Hoese 8*

FLOOR *Victor ZAKHAROV 8*

FIREMAN

EXTRA

INJURIES:

FIRES:

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN	
					NO	OD	ID	WGT	GALS	BBL'S	TONS	
12211	0				24	4 7/8	2 1/4	26	206	120		
BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R.P.M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
	223	5 1/2	WTR	4/0	72278							
MUD	12 MN	2 A M	4 A M	6 A M	ADDITIVES			AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
	WEIGHT											
	VISCOSITY											
	GEL											
PUMPS	NO 1 PRES-SURE											
	MODEL S.P.M											
	LINER SIZE											
	NO 2 PRES-SURE											
	MODEL S.P.M											
	LINER SIZE											
GENERAL											Slip 8 feet	
W.L. F.C. PH.											Reserve From 12.25	

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked HRS

DRILLER *FANNETT PARKER 8*

DERRICK *Maurice Dufford 8*

MOTOR *Don McIntosh 8*

FLOOR *Alex Stephen 8*

FLOOR *Charlie Nowlasko 8*

FIREMAN

EXTRA

INJURIES:

FIRES: *NIL*

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN	
					NO	OD	ID	WGT	GALS	BBL'S	TONS	
12242	16	12258	69	184	34	4 7/8	2 1/4	26				
BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R.P.M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
	223	5 1/2	WTR	OPEN	72278	184		11		69	20	
MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	ADDITIVES			AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
	WEIGHT	11.7	11.6	11.5	11.5	Yarlonox 1000#						
	VISCOSITY	105	105	110	132	Q.P. 250#						
	GEL					200#						
PUMPS	NO 1 PRES-SURE	1000										
	MODEL S.P.M	40										
	LINER SIZE	7 1/2 - 4 3/4										
	NO 2 PRES-SURE											
	MODEL S.P.M											
	LINER SIZE											
GENERAL											1	
W.L. F.C. PH.											Boiler 2072	

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked HRS

DRILLER *Robert Jones 8*

DERRICK *Don Cunningham 8*

MOTOR *Mike Beag 8*

FLOOR *Chris Wilson 8*

FLOOR *Victor ZAKHAROV 8*

FIREMAN

EXTRA

INJURIES: *NIL*

FIRES: *Nil*

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN	
					NO	OD	ID	WGT	GALS	BBL'S	TONS	
12258	1	12259	12	184	34	4 7/8	2 1/4	26				
BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R.P.M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
	223	5 1/2	WTR	OPEN	72278	184	36	17		69	1259	best
MUD	4 P.M.	5 P.M.	8 P.M.	10 P.M.	ADDITIVES			AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
	WEIGHT	11.5										
	VISCOSITY	13										
	GEL											
PUMPS	NO 1 PRES-SURE											
	MODEL S.P.M											
	LINER SIZE											
	NO 2 PRES-SURE											
	MODEL S.P.M											
	LINER SIZE											
GENERAL											8 50 422 20	
W.L. F.C. PH.											best + Cons of 8-2.3	

Totco Ring on Bit No _____ D.P. Calipered Date _____ Results _____ From Pipe Rock _____

B.O.P. Test Operated _____ Time _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 323rd DAY ON THIS WELL

RIG No. 11 COMPANY ... LOCATION ... DATE ... 196

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked: DRILLER ... 8, DERRICK ... 8, MOTOR ... 8, FLOOR ... 8, FLOOR ... 8, FIREMAN ... 8, EXTRA ...

INJURIES: nil FIRES: nil

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS	FUEL	WATER	COAL	STAN
12116	0	0	19	19	4 1/2	205	240		

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
B	2 1/2	5/8	4	110	112	18	24				NEW

MUD	12 MN	2 AM	4 AM	6 AM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							1 142	
VISCOSITY							2 7.36	
GEL							3 34	
							4 43.4	
							5 49	

W.L. 35 F.C. 340 PH. 9.2

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked: DRILLER ... 8, DERRICK ... 8, MOTOR ... 8, FLOOR ... 12, FLOOR ... 11, FIREMAN ... 11, EXTRA ...

INJURIES: nil FIRES: Overtime Heat

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS	FUEL	WATER	COAL	STAN
12206	114	12240	13	186	24	48	24	26	

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
B	2 1/2	5/8	4	110	186	18	24				RUN

MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT	9.0	9.8	10.5	11.5	Carbonax 1000#		1 750	
VISCOSITY	115	80	74		Quartz 300#		2	
GEL					Biller 300#		3 42	
					Solid Ash 300#		4 49.2	
					PA-5 45#		5 96	

W.L. 35 F.C. 340 PH. 9.3

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked: DRILLER ... 4, DERRICK ... 8, MOTOR ... 4, FLOOR ... 1, FLOOR ... 8, FIREMAN ... 8, EXTRA ...

INJURIES: nil FIRES: nil

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS	FUEL	WATER	COAL	STAN
12240	2	12242	1	106	16	24			

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
B	2 1/2	5/8	4	110	106	18	24				8-1-0

MUD	4 PM	6 PM	8 PM	10 PM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT	112				Brown 1000#		1 75.8	
VISCOSITY	76						2 9	
GEL							3 0	
							4 21.2	
							5 46	

W.L. 35 F.C. 340 PH. 9.3

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____

B.O.P. Test Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 323rd DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE Jan 28 1964

WELL COLLARS		FUEL	WATER	COAL	STANDS
D. I.D.	WGT	GALS	BBL'S	TONS	SINGLES
22 1/4	205240				114 6 1/2
FT. DRLD.		FT. RMD.	HRS.	DEPTH OUT	CONDITION
					NEW
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
		1	742	3.36	
		2	736	3.36	
		3	34	3.36	
		4	434	3.36	
		5	98	3.36	
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP
					12,226

REMARKS	TIME		
	START	STOP	INTERVAL
Bar on bit 122	12:00	12:45	3/4
Follow Kelly	12:45	1:00	1/4
Hammer in bottom	1:00	1:45	3/4
Bar on bit of hand	1:45	2:00	3/4

Boiler 8 hrs
Hand Pumping 3:50

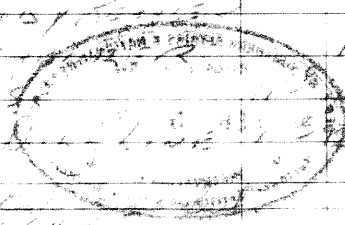
WELL COLLARS		FUEL	WATER	COAL	STANDS
D. I.D.	WGT	GALS	BBL'S	TONS	SINGLES
22 1/4	26				115 1/2
FT. DRLD.		FT. RMD.	HRS.	DEPTH OUT	CONDITION
74		1 1/2		Rnd	
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
		1	750	3.26	
		2		3.26	
		3	47	3.26	
		4	492	3.26	
		5	96	3.26	
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP
					12,226

REMARKS	TIME		
	START	STOP	INTERVAL
Reaming to Bottom	9:00	9:30	1/2
Drill 3/4 Hole	9:30	4:00	1/2

Filter 2 hrs
Oil Filter #2 Motor

WELL COLLARS		FUEL	WATER	COAL	STANDS
D. I.D.	WGT	GALS	BBL'S	TONS	SINGLES
22 1/4	16				115 1/2
FT. DRLD.		FT. RMD.	HRS.	DEPTH OUT	CONDITION
16		7/2			
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
		1	758	3.86	
		2	8	3.86	
		3	30	3.86	
		4	412	3.86	
		5	96	3.86	
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP
					12,226

REMARKS	TIME		
	START	STOP	INTERVAL
Drilling 5 1/4" Hole	4:00	5:00	1
Ream to size 1100	5:00	5:40	3/4
Run Kelly	5:40	6:00	1/4
Hammer in NIBIT	6:00	6:42	3/4
Change bit			
Run up 5'			
Run up 5'			
Run up 5'			



From Pipe Rack TOTAL CONTRACTOR TIME HRS TOOLPUSHER HRS APPROVED BY [Signature]

TOTAL COMPANY TIME HRS

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 225th DAY ON THIS WELL

RIG No. 19 COMPANY *...* LOCATION *...* DATE *...* 19*...*

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	ST. SINK					
Specify Actual Hours Worked		HRS											GALS	BBLs	TONS			
DRILLER	<i>Edm O'Hagan</i>	8																
DERRICK	<i>Mike Hader</i>	8																
MOTOR	<i>Walt Hamant</i>	8																
FLOOR	<i>Hon. Hoss</i>	8																
FLOOR	<i>Mike Ray</i>	8																
FIREMAN																		
EXTRA																		
INJURIES:	<i>Nil</i>																	
FIRES:																		
			MUD		12 MN	2 A.M.	4 A.M.	6 A.M.	ADDITIVES			AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		
			WEIGHT												1	<i>718</i>		
			VISCOSITY												2	<i>812</i>		
			GEL												3	<i>10</i>		
			PUMPS	NO 1	PRES-SURE											4	<i>410</i>	
				MODEL	S.P.M.											5	<i>64</i>	
				LINER SIZE											GENERAL			
				NO 2	PRES-SURE											<i>165503 40</i>		
				MODEL	S.P.M.											<i>From P30 W. K. ...</i>		
			LINER SIZE											<i>W. L. F. C. pH.</i>				

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	ST. SINK					
Specify Actual Hours Worked		HRS											GALS	BBLs	TONS			
DRILLER	<i>James ...</i>	8																
DERRICK	<i>...</i>	8																
MOTOR	<i>...</i>	8																
FLOOR	<i>...</i>	8																
FLOOR	<i>Charlie Nodsky</i>	8																
FIREMAN																		
EXTRA																		
INJURIES:	<i>Nil</i>																	
FIRES:																		
			MUD		8 A.M.	10 A.M.	12 NOON	2 P.M.	ADDITIVES			AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		
			WEIGHT												1	<i>722</i>		
			VISCOSITY												2	<i>720</i>		
			GEL												3	<i>18</i>		
			PUMPS	NO 1	PRES-SURE											4	<i>418</i>	
				MODEL	S.P.M.											5	<i>22</i>	
				LINER SIZE											GENERAL			
				NO 2	PRES-SURE											<i>W. L. F. C. pH.</i>		
				MODEL	S.P.M.													
			LINER SIZE															

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	ST. SINK					
Specify Actual Hours Worked		HRS											GALS	BBLs	TONS			
DRILLER	<i>...</i>	4																
DERRICK	<i>...</i>	4																
MOTOR	<i>...</i>	4																
FLOOR	<i>...</i>	4																
FLOOR	<i>...</i>	4																
FIREMAN																		
EXTRA																		
INJURIES:	<i>Nil</i>																	
FIRES:																		
			MUD		4 P.M.	6 P.M.	8 P.M.	10 P.M.	ADDITIVES			AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		
			WEIGHT												1			
			VISCOSITY												2			
			GEL												3			
			PUMPS	NO 1	PRES-SURE											4		
				MODEL	S.P.M.											5		
				LINER SIZE											GENERAL			
				NO 2	PRES-SURE											<i>W. L. F. C. pH.</i>		
				MODEL	S.P.M.													
			LINER SIZE															

Totco Ring on Bit No
B O P Test Operated

D.P. Calipered Date
Time

Results
Results
From Pipe Rack

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 322⁵ DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE Jan 21 1964

LL COLLARS		FUEL	WATER	COAL	STANDS
ID	WGT	GALS	BBLs	TONS	SINGLES
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
		1	7:18		
		2	8:12		
		3	10		
		4	4:10		
		5	6:4		
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP
	165503	40			

REMARKS	TIME		
	START	STOP	INTERVAL
Run down Log 40	12:00		
Drill hole	12:30		1/2
Clear Flange #2	1:30		
Wind Tardes	1:30		1
Make up connections	1:30		
Wacker	2:45		1 3/4
Run in 500' Water	2:45		
Custom	6:30		3 3/4
Run in 400' Water	6:30		
Wacker	8:00		1 1/2

165503 40

Run in 400' Water

Wacker 8 hrs

LL COLLARS		FUEL	WATER	COAL	STANDS
ID	WGT	GALS	BBLs	TONS	SINGLES
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
		1	9:32		
		2	8:20		
		3	18		
		4	4:18		
		5	2:2		
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP

1143461

14-20621

LL COLLARS		FUEL	WATER	COAL	STANDS
ID	WGT	GALS	BBLs	TONS	SINGLES
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
		1	9:32		
		2	8:20		
		3	18		
		4	4:18		
		5	2:2		
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP

Run in 400' Water

Wacker 8 hrs

Run in 400' Water

LL COLLARS		FUEL	WATER	COAL	STANDS
ID	WGT	GALS	BBLs	TONS	SINGLES
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
		1	9:32		
		2	8:20		
		3	18		
		4	4:18		
		5	2:2		
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP

LL COLLARS		FUEL	WATER	COAL	STANDS
ID	WGT	GALS	BBLs	TONS	SINGLES
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
		1	9:32		
		2	8:20		
		3	18		
		4	4:18		
		5	2:2		
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP

From Pipe Rack

TOTAL CONTRACTOR TIME
TOTAL COMPANY TIME

HRS TOOLPUSHER
HRS APPROVED BY

Signature

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 19 DAY ON THIS WELL

RIG No. 19 COMPANY ...

LOCATION ...

DATE ... 19...

Tour - 8 a.m. - 8 a.m.

Specify Actual Hours Worked _____ HRS

DRILLER ...

DERRICK ...

MOTOR ...

FLOOR ...

FLOOR ...

FLOOR ...

FIREMAN ...

EXTRA ...

INJURIES: ...

FIRES: ...

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS	FUEL	WATER	COAL	STAN		
NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
1	2 1/2	4 1/2	1/8
MUD 12 MN 2 AM 4 AM 6 AM ADDITIVES WEIGHT VISCOSITY GEL										AT SURVEYS DEGREE MOTOR HOURS NEXT OIL CHANGE	
PUMPS NO 1 PRES-SURE MODEL SPM LINDER SIZE NO 2 PRES-SURE MODEL SPM LINDER SIZE										SIZE TRIPS NO LINES TON MILES TOTAL MILES SLIP FEET OR CUT FEET LEFT ON SPOOL	
W.L. F.C. pH.											

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked _____ HRS

DRILLER ...

DERRICK ...

MOTOR ...

FLOOR ...

FLOOR ...

FIREMAN ...

EXTRA ...

INJURIES: Nil

FIRES: Nil

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS	FUEL	WATER	COAL	STAN		
NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
1	3 1/2	4 1/2	1/8
MUD 8 AM 10 AM 12 NOON 2 P.M. WEIGHT VISCOSITY GEL										AT SURVEYS DEGREE MOTOR HOURS NEXT OIL CHANGE	
PUMPS NO 1 PRES-SURE MODEL SPM LINDER SIZE NO 2 PRES-SURE MODEL SPM LINDER SIZE										SIZE TRIPS NO LINES TON MILES TOTAL MILES SLIP FEET OR CUT FEET LEFT ON SPOOL	
W.L. F.C. pH.											

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked _____ HRS

DRILLER ...

DERRICK ...

MOTOR ...

FLOOR ...

FLOOR ...

FIREMAN ...

EXTRA ...

INJURIES: ...

FIRES: ...

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS	FUEL	WATER	COAL	STAN		
NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
1	3 1/2	4 1/2	1/8
MUD 4 PM 6 PM 8 PM 10 PM ADDITIVES WEIGHT VISCOSITY GEL										AT SURVEYS DEGREE MOTOR HOURS NEXT OIL CHANGE	
PUMPS NO 1 PRES-SURE MODEL SPM LINDER SIZE NO 2 PRES-SURE MODEL SPM LINDER SIZE										SIZE TRIPS NO LINES TON MILES TOTAL MILES SLIP FEET OR CUT FEET LEFT ON SPOOL	
W.L. F.C. pH.											

Totco Ring on Bit No _____ DP Calipered Date _____ Results _____ From Pipe Rack _____

BOP Test Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 320³⁰ DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE 4-21-64 1964

DRILL COLLARS		FUEL	WATER		COAL	STANDS
D	ID		GALS	BBL.			TONS
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		OTHER FT
1	670					C B FT
2	464					SUBS FT
3	Down					FT UP ON KELLY
4	362					TOTAL
5	16					12 205
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP	
650233		40				

REMARKS	TIME		
	START	STOP	INTERVAL
Hand ...	12:00	12:30	30
...	12:30	1:00	30
...	1:00	1:45	45
...	2:15	2:50	35
...	3:00		
...	6:00	6:50	50

DATE 4-21-64 1964

DRILL COLLARS		FUEL	WATER		COAL	STANDS
D	ID		GALS	BBL.			TONS
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		OTHER FT
1	678					C B FT
2	492					SUBS FT
3	Down					FT UP ON KELLY
4	390					TOTAL
5	74					12 207
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP	

REMARKS	TIME		
	START	STOP	INTERVAL
Throwing Out Mud ...	8:00	9:00	1
...	9:00		
...	9:45	5:25	5:34
...	2:45	4:00	1:15

DATE 4-21-64 1964

DRILL COLLARS		FUEL	WATER		COAL	STANDS
D	ID		GALS	BBL.			TONS
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		OTHER FT
1	691					C B FT
2	496					SUBS FT
3	Down					FT UP ON KELLY
4	278					TOTAL
5	30					12 213
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP	

REMARKS	TIME		
	START	STOP	INTERVAL
...	4:00	6:15	2:15
...	6:30	7:00	30
...	7:00	8:00	1
...	8:00	9:00	1
...	9:00	11:20	2:20

From Pipe Rack

TOTAL CONTRACTOR TIME

HRS

TOOLPUSHER

TOTAL COMPANY TIME

HRS

APPROVED BY

[Signature]

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 311³⁰ DAY ON THIS WELL

RIG No. 19 COMPANY *Can Southern* LOCATION *W. 11-27* DATE *Jan 24 1960*

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked _____ HRS

DRILLER	<i>W. O'Hagan</i>	8
DERRICK	<i>John Harder</i>	8
MOTOR	<i>Walt Harder</i>	8
FLOOR	<i>Don Brown</i>	8
FLOOR	<i>John Dickson</i>	16
FIREMAN		
EXTRA		
INJURIES:	<i>NIL OVERTIME</i>	
FIRES:	<i>NIL UNLOADING CEMENT</i>	

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS NO. O.D. I.D. WGT.	FUEL GALS.	WATER BBLs.	COAL TONS.
12 201				19201 24 27		201850		

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION
319	5 1/2	WGR	3/16	4521							

MUD WEIGHT	12 MN	2 AM	4 AM	6 AM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
9.4				1.5	<i>CASPER 24700</i>		1 666	
VISCOSITY				10	<i>72500</i>		2 740	
GEL					<i>200</i>		3 200	
					<i>250</i>		4 338	
					<i>250</i>		5 262	

NO. 1	PRES. SURE	NO. 2	PRES. SURE	NO. LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
350		350		8		164783			

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked _____ HRS

DRILLER	<i>James Parkes</i>	8
DERRICK	<i>Harold Vachon</i>	8
MOTOR	<i>Bob Mcintosh</i>	8
FLOOR	<i>Alvin Steyer</i>	8
FLOOR	<i>Raymond Stichel</i>	16
FLOOR	<i>Charles Neukirch</i>	8
FIREMAN		
EXTRA		
INJURIES:	<i>NIL</i>	
FIRES:	<i>NIL</i>	

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS NO. O.D. I.D. WGT.	FUEL GALS.	WATER BBLs.	COAL TONS.
12201	4	12205	2 1/2	192 24 40				

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION
319	5 1/2	WGR	3/16	4521	20	70	4		15	12205	

MUD WEIGHT	8 A.M.	10 A.M.	12 NOON	2 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
9.5					<i>5-BROKIN 650</i>		1 277	
VISCOSITY					<i>GELLEX 250</i>		2 272	
GEL					<i>BICARE 100</i>		3 306	
					<i>BAROID 27500</i>		4 306	
							5 306	

NO. 1	PRES. SURE	NO. 2	PRES. SURE	NO. LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
1		1							

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked _____ HRS

DRILLER	<i>Raymond Stichel</i>	4
DERRICK	<i>Bob Ch...</i>	4
MOTOR	<i>Alvin Steyer</i>	4
FLOOR	<i>Raymond Stichel</i>	4
FLOOR	<i>John...</i>	8
FIREMAN		
EXTRA		
INJURIES:	<i>NIL</i>	
FIRES:	<i>NIL</i>	

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS NO. O.D. I.D. WGT.	FUEL GALS.	WATER BBLs.	COAL TONS.
12205				192 24 40				

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION
319	5 1/2	WGR	3/16	4521	20	70	4		15	12205	

MUD WEIGHT	4 P.M.	6 P.M.	8 P.M.	10 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
9.2							1 272	
VISCOSITY							2 272	
GEL							3 306	
							4 306	
							5 306	

NO. 1	PRES. SURE	NO. 2	PRES. SURE	NO. LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
1		1							

Totco Ring on Bit No _____ DP Calipered Date _____ Results _____ From Pipe Rack _____
 B O P Test-Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 317 301 DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS

1-4 T1-27 DATE Jan 24 1963

ALL COLLARS		FUEL		WATER		COAL		STANDS	
D	ID	WGT	GALS	BBL5	TONS	172 SINGLES			
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION					
201850									
700		AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE			
500				1 666		SUBS FT			
200				2 744		FT UP ON KELLY			
100				3 800		TOTAL			
50				4 338					
500				5 262					
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP			
	164783								

REMARKS	TIME		
	START	STOP	INTERVAL
Line flow out off mud	1200	300	3
Drill out string OH, 240	300	400	1
Work on hoist and air	400		
lines		500	1
cleaning out to bottom	500		
of well		800	3

ALL COLLARS		FUEL		WATER		COAL		STANDS	
D	ID	WGT	GALS	BBL5	TONS	110 SINGLES			
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION					
4		15 1220 5							
75000		AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE			
550				1 614		SUBS FT			
250				2 740		FT UP ON KELLY			
100				3 800		TOTAL			
50				4 306					
500				5 262					
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP			

REMARKS	TIME		
	START	STOP	INTERVAL
Measurements in H	1045	1100	34
Drilling Kelly	1100	1145	34
Run in 2400	1145	1200	34

ALL COLLARS		FUEL		WATER		COAL		STANDS	
D	ID	WGT	GALS	BBL5	TONS	110 SINGLES			
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION					
4		2 1/2 1200							
75000		AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE			
550				1 800		SUBS FT			
250				2 740		FT UP ON KELLY			
100				3 800		TOTAL			
50				4 306					
500				5 262					
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP			

REMARKS	TIME		
	START	STOP	INTERVAL
Line flow out off mud	1200	300	3
Drill out string OH, 240	300	400	1
Work on hoist and air	400		
lines		500	1
cleaning out to bottom	500		
of well		800	3

From Pipe Rack

TOTAL CONTRACTOR TIME

HRS

TOOLPUSHER

TOTAL COMPANY TIME

HRS

APPROVED BY

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 318th DAY ON THIS WELL

RIG No. 19 COMPANY *Con Southern* LOCATION *H. West - 4.1-27* DATE *Jan 23 19*

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked _____ HRS.

DRILLER *W. O'Hagan* 8
 DERRICK *Jack Harder* 8
 MOTOR *Walt Karnak* 8
 FLOOR *Don Ross* 8
 FLOOR *Bob Dickson* 8
 FIREMAN _____
 EXTRA _____

INJURIES: *nil*
 FIRES: *nil*

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	
					NO.	O.D.	I.D.	WGT	GALS	BBL'S	TONS
12201											
BITS NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT R.P.M. FT DRLD FT RMD HRS DEPTH OUT CONDITION											
MUD 12 MN 2 A.M. 4 A.M. 6 A.M. ADDITIVES AT SURVEYS DEGREE MOTOR HOURS NEXT OIL CHANGE											
PUMPS NO. 1 PRES-SURE MODEL S.P.M. LINER SIZE NO. 2 PRES-SURE MODEL S.P.M. LINER SIZE											
GENERAL <i>Used - 1 rack DM Rhythm 4.7</i>											

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked _____ HRS.

DRILLER *Forrest Parker* 8
 DERRICK *Maurice Dabon* 8
 MOTOR *Ray Albrecht* 8
 FLOOR *Alan Staphen* 8
 FLOOR *Cooper Shiloh* 8
 FLOOR *Charles Newsky* 8
 FIREMAN _____
 EXTRA _____

INJURIES: _____
 FIRES: _____

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	
					NO.	O.D.	I.D.	WGT	GALS	BBL'S	TONS
12201											
BITS NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT R.P.M. FT DRLD FT RMD HRS DEPTH OUT CONDITION											
MUD 8 A.M. 10 A.M. 12 NOON 2 P.M. ADDITIVES AT SURVEYS DEGREE MOTOR HOURS NEXT OIL CHANGE											
PUMPS NO. 1 PRES-SURE MODEL S.P.M. LINER SIZE NO. 2 PRES-SURE MODEL S.P.M. LINER SIZE											
GENERAL <i>Used - 1 rack DM Rhythm 4.7</i>											

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked _____ HRS.

DRILLER *Forrest Parker* 8
 DERRICK *Alan Staphen* 8
 MOTOR *Ray Albrecht* 8
 FLOOR *Don Ross* 8
 FLOOR *Walt Karnak* 8
 FIREMAN _____
 EXTRA _____

INJURIES: *nil*
 FIRES: *nil*

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	
					NO.	O.D.	I.D.	WGT	GALS	BBL'S	TONS
12201											
BITS NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT R.P.M. FT DRLD FT RMD HRS DEPTH OUT CONDITION											
MUD 4 P.M. 6 P.M. 8 P.M. 10 P.M. ADDITIVES AT SURVEYS DEGREE MOTOR HOURS NEXT OIL CHANGE											
PUMPS NO. 1 PRES-SURE MODEL S.P.M. LINER SIZE NO. 2 PRES-SURE MODEL S.P.M. LINER SIZE											
GENERAL <i>Used - 1 rack DM Rhythm 4.7</i>											

Torco Ring on Bit No. _____ DP Calipered Date _____ Results _____ From Pipe Rack _____
 B O P Test-Operated _____ Time _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 314 th DAY ON THIS WELL

RIG No. 19 COMPANY ... LOCATION ... DATE ... 19...

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA	
Specify Actual Hours Worked		HRS											TONS	SING
DRILLER	<u>W. Hagan</u>	<u>8</u>												
DERRICK	<u>W. Hagan</u>	<u>3</u>												
MOTOR	<u>W. Hagan</u>	<u>8</u>												
FLOOR	<u>W. Hagan</u>	<u>8</u>												
FLOOR	<u>W. Hagan</u>	<u>8</u>												
FLOOR	<u>W. Hagan</u>	<u>8</u>												
FIREMAN														
EXTRA														
INJURIES:	<u>nil</u>													
FIRES:	<u>nil</u>													

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA	
Specify Actual Hours Worked		HRS											TONS	SING
DRILLER	<u>...</u>	<u>8</u>												
DERRICK	<u>...</u>	<u>8</u>												
MOTOR	<u>...</u>	<u>8</u>												
FLOOR	<u>...</u>	<u>8</u>												
FLOOR	<u>...</u>	<u>8</u>												
FLOOR	<u>...</u>	<u>8</u>												
FIREMAN														
EXTRA														
INJURIES:	<u>Nil</u>													
FIRES:	<u>Nil</u>													

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA	
Specify Actual Hours Worked		HRS											TONS	SING
DRILLER	<u>...</u>	<u>8</u>												
DERRICK	<u>...</u>	<u>8</u>												
MOTOR	<u>...</u>	<u>8</u>												
FLOOR	<u>...</u>	<u>8</u>												
FLOOR	<u>...</u>	<u>8</u>												
FLOOR	<u>...</u>	<u>8</u>												
FIREMAN														
EXTRA														
INJURIES:	<u>Nil</u>													
FIRES:	<u>Nil</u>													

Totco Ring on Bit No. DP Calipered Date ... Results From Pipe Rock

BOP Test Operated ... Time ... Results ...

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 316 DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE 4 Feb 47 1947

LL COLLARS			FUEL	WATER	COAL	STANDS
D	I	D	GALS	BBL	TONS	SINGLES
FT DRLD.			FT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
			1	618		
			2	592		
			3	640		
			4	840		
			5	714		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP
	16454340					

in at Long Trip Carbide
drilling shot down

REMARKS	TIME		
	START	STOP	INTERVAL
Revised 40' drill line	1200		
and the severe		1230	1/2
10' ...	1230	100	1/2
10' ...			
10' ...			
10' ...		400	2
10' ...	400	500	1
10' ...	500	500	3

LL COLLARS			FUEL	WATER	COAL	STANDS
D	I	D	GALS	BBL	TONS	SINGLES
FT DRLD.			FT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
			1	616		
			2	900		
			3	648		
			4	848		
			5	712		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
10' ...	8:20	9:30	1/2
10' ...	9:30	9:30	1
10' ...	9:30	11:30	2
10' ...	11:30	2:30	3
10' ...	2:30	4:15	1 1/2

LL COLLARS			FUEL	WATER	COAL	STANDS
D	I	D	GALS	BBL	TONS	SINGLES
FT DRLD.			FT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
			1	611		
			2	717		
			3	806		
			4	806		
			5	806		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
10' ...		1:50	1/2
10' ...		1:30	1/2
10' ...		8:15	1 1/2
10' ...		12:00	1

From Pipe Rack

TOTAL CONTRACTOR TIME

HRS TOOLPUSHER

TOTAL COMPANY TIME

HRS APPROVED BY

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 16th DAY ON THIS WELL

RIG No. 19 COMPANY *Northwest* LOCATION *16-16-17-18-19-20* DATE *June 21 1964*

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STAN
					NO.	O D	I D	WGT	GALS	BBLs	TONS

DRILLER *W. D. ...* 8
DERRICK *...*
MOTOR *...*
FLOOR *...*
FLOOR *...*
FLOOR *...*
FIREMAN
EXTRA
INJURIES:
FIRES:

BITS

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD 12 MN 2 A M 4 A M 6 A M ADDITIVES AT SURVEYS DEGREE MOTOR HOURS NEXT OIL CHANGE

WEIGHT	1	2	3	4	5

PUMPS

NO. 1	PRE-SURE	MODEL	S.P.M.	LINER SIZE	SIZE	TRIPS	NO. LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL

W.L. F.C. pH.

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STAN
					NO.	O D	I D	WGT	GALS	BBLs	TONS

DRILLER *...* 8
DERRICK *...*
MOTOR *...*
FLOOR *...*
FLOOR *...*
FLOOR *...*
FIREMAN *C. NOLESKY* 8
EXTRA
INJURIES:
FIRES:

BITS

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD 8 A.M. 10 A.M. 12 NOON 2 P.M. ADDITIVES AT SURVEYS DEGREE MOTOR HOURS NEXT OIL CHANGE

WEIGHT	1	2	3	4	5

PUMPS

NO. 1	PRE-SURE	MODEL	S.P.M.	LINER SIZE	SIZE	TRIPS	NO. LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL

W.L. F.C. pH.

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STAN
					NO.	O D	I D	WGT	GALS	BBLs	TONS

DRILLER *...* 8
DERRICK *...*
MOTOR *...*
FLOOR *...*
FLOOR *...*
FLOOR *...*
FIREMAN
EXTRA
INJURIES:
FIRES:

BITS

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD 4 P.M. 6 P.M. 8 P.M. 10 P.M. ADDITIVES AT SURVEYS DEGREE MOTOR HOURS NEXT OIL CHANGE

WEIGHT	1	2	3	4	5

PUMPS

NO. 1	PRE-SURE	MODEL	S.P.M.	LINER SIZE	SIZE	TRIPS	NO. LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL

W.L. F.C. pH.

Totco Ring on Bit No D.P. Calipered Date Results From Pipe Rack
B.C.P. Test Operated Time Results

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 316th DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE Jan 21 1964

ALL COLLARS			FUEL	WATER	COAL	STANDS
D	I.D.	WGT.	GALS.	BBLs.	TONS	SINGLES
			199345			
FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION		
AT SURVEYS DEGREE			MOTOR HOURS	NEXT OIL CHANGE		
			1 594			
			2 666			
			3 616			
			4 656			
			5 170			
TON MILES	TOTAL MILES	SLIP OR	FEET CUT	FEET LEFT ON SPOOL	NEXT SLIP	
	164303	35				

REMARKS	TIME		
	START	STOP	INTERVAL
1st section hole	1200	100	1
2nd section hole	100	600	-
3rd section hole	600		
4th section hole		100	1
5th section hole	100	115	15
6th section hole	700		
7th section hole		500	3/4

ALL COLLARS			FUEL	WATER	COAL	STANDS
D	I.D.	WGT.	GALS.	BBLs.	TONS	SINGLES
						140
FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION		
AT SURVEYS DEGREE			MOTOR HOURS	NEXT OIL CHANGE		
			1 603			
			2 676			
			3 624			
			4 274			
			5 198			
TON MILES	TOTAL MILES	SLIP OR	FEET CUT	FEET LEFT ON SPOOL	NEXT SLIP	

REMARKS	TIME		
	START	STOP	INTERVAL
Messing & etc. Dr. & Run in	800		
Hole w/ Duckshot	1115	1230	1 15
Oil & Clean Hole	1115	1230	1 15
Work Over Fish w/ Duck	1230		
Shot - Two Fish Loose	230	400	2
Haist - Chain Out	230	400	1 30

ALL COLLARS			FUEL	WATER	COAL	STANDS
D	I.D.	WGT.	GALS.	BBLs.	TONS	SINGLES
FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION		
AT SURVEYS DEGREE			MOTOR HOURS	NEXT OIL CHANGE		
			1 610			
			2 614			
			3 532			
			4 287			
			5 208			
TON MILES	TOTAL MILES	SLIP OR	FEET CUT	FEET LEFT ON SPOOL	NEXT SLIP	

REMARKS	TIME		
	START	STOP	INTERVAL
Run in + 2nd section	400		
1st section	1000		6
Make up 1st section			
2nd section	1000		2

From Pipe Rack

TOTAL CONTRACTOR TIME

HRS TOOLPUSHER

TOTAL COMPANY TIME

HRS APPROVED BY

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 315th DAY ON THIS WELL

RIG No. 11 COMPANY Southwest LOCATION 4000 ft DATE 10-19

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT.	GALS	BBLS	TONS
DRILLER	8	1901											
DERRICK	8	19521											
MOTOR	8												
FLOOR	8												
FLOOR	8												
FLOOR	8												
FIREMAN													
EXTRA													
INJURIES:													
FIRES:													

BITS	NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD.	FT RMD.	HRS.	DEPTH OUT	CONDITION

MUD	12 MN.	6 A.M.	4 A.M.	7 A.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							1 570	
VISCOSITY							2 644	
GEL							3 592	
							4 212	
							5 186	

PUMPS	NO. 1	PRES. SURE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
	MODEL	S.P.M.								
	LINER SIZE									
	NO. 2	PRES. SURE								
	MODEL	S.P.M.								

W.L.	F.C.	pH.

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT.	GALS	BBLS	TONS
DRILLER	8	1901											
DERRICK	8												
MOTOR	8												
FLOOR	8												
FLOOR	8												
FLOOR	8												
FIREMAN													
EXTRA													
INJURIES:													
FIRES:													

BITS	NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD.	FT RMD.	HRS.	DEPTH OUT	CONDITION

MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							1 598	
VISCOSITY							2 199	
GEL							3 140	
							4 150	
							5 174	

PUMPS	NO. 1	PRES. SURE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
	MODEL	S.P.M.								
	LINER SIZE									
	NO. 2	PRES. SURE								
	MODEL	S.P.M.								

W.L.	F.C.	pH.

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT.	GALS	BBLS	TONS
DRILLER	8	1901											
DERRICK	8												
MOTOR	8												
FLOOR	8												
FLOOR	8												
FLOOR	8												
FIREMAN													
EXTRA													
INJURIES:													
FIRES:													

BITS	NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD.	FT RMD.	HRS.	DEPTH OUT	CONDITION

MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							1 516	
VISCOSITY							2 666	
GEL							3 108	
							4 208	
							5 202	

PUMPS	NO. 1	PRES. SURE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
	MODEL	S.P.M.								
	LINER SIZE									
	NO. 2	PRES. SURE								
	MODEL	S.P.M.								

W.L.	F.C.	pH.

Total Ring on Bit No

DP Calipered Date

Results

From Pipe Rack

B.O.P Test Operated

Time

Results

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 315th DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE July 20 1963

WELL COLLARS			FUEL	WATER	COAL	STANDS
D	I.D.	WGT.	GALS	BBL'S	TONS	1176 SINGLES
198531						
FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION		
				6-172-24 OTHER FT WA 76 69 C.B. FT.		
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
			1	570	5802-643	
			2	644	4-751	
			3	592	FT UP ON KELLY	
			4	242	TOTAL	
			5	186		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP
	164063					

REMARKS	TIME		
	START	STOP	INTERVAL
Wash over mud	1:00	1:00	1
Wash mud out of hole	1:00	5:30	4 1/2
Wash mud out of hole	5:30	8:00	2 1/2

WELL COLLARS			FUEL	WATER	COAL	STANDS
D	I.D.	WGT.	GALS	BBL'S	TONS	112 SINGLES
FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION		
				6-172-24 OTHER FT WA 76 69 C.B. FT.		
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
			1	598	5802-643	
			2	139	4-751	
			3	200	FT UP ON KELLY	
			4	330	TOTAL	
			5	194		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
Open to Run Out Mud	8:20	8:30	1/2
Run in 3 stks	8:30	8:45	1/4
Open to Run Out Mud	8:45	9:45	1
Run in 3 stks	9:45	10:00	1/4
Open to Run Out Mud	10:00	10:45	3/4
Wash mud 100 ft up at fish	10:45	1:00	1 1/4
Washing Over Fish	1:00	4:00	3

Bottom 1/2

WELL COLLARS			FUEL	WATER	COAL	STANDS
D	I.D.	WGT.	GALS	BBL'S	TONS	112 SINGLES
FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION		
				6-172-24 OTHER FT WA 76 69 C.B. FT.		
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
			1	576	5802-643	
			2	460	4-751	
			3	608	FT UP ON KELLY	
			4	228	TOTAL	
			5	202		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
Washing Over Fish	1:10	1:12	6 1/2
Wash mud to Pump Wash	1:10		
Pipe Run 200 = 3 SINGLES			1
Wash to Clean Hole	1:10	2:00	3 1/2

From Pipe Rack

TOTAL CONTRACTOR TIME _____ HRS TOOLPUSHER _____
 TOTAL COMPANY TIME _____ HRS APPROVED BY _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 314th DAY ON THIS WELL

RIG No. 19 COMPANY Canada Southern LOCATION North West 1/4 Sec 11 T11 R14 DATE Jan 14 19

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STAN		
Specify Actual Hours Worked							NO	O D	I D	WGT	GALS	BBLS	TONS		
DRILLER	W.D. Hagan 8	12201													
DERRICK	W.D. Hagan 8	BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
MOTOR	Walt Hagan 8														
FLOOR	Walt Hagan 8														
FLOOR	John Hagan 8														
FLOOR	John Hagan 8														
FIREMAN		MUD										AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	
EXTRA		WEIGHT											1 536		
INJURIES:		VISCOSITY											2 620		
FIRES:	Nil	GEL											3 538		
		PUMPS	NO 1	PRES-SURE											
			MODEL	S P M											
			LINER SIZE			SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL		
			NO 2	PRES-SURE											
			MODEL	S P M											
		LINER SIZE			GENERAL										
		W.L.	F.C.	pH.											

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STAN	
Specify Actual Hours Worked							NO	O D	I D	WGT	GALS	BBLS	TONS	
DRILLER	Ernest Taylor 8	12201												
DERRICK	Maurice Vachon 8	BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
MOTOR	Ben McIntosh 8													
FLOOR	Alex Stedman 8													
FLOOR	Ernest Bulla 8													
FLOOR														
FIREMAN		MUD										AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
EXTRA		WEIGHT											1 534	
INJURIES:		VISCOSITY											2 628	
FIRES:		GEL											3 576	
		PUMPS	NO 1	PRES-SURE										
			MODEL	S P M										
			LINER SIZE			SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	
			NO 2	PRES-SURE										
			MODEL	S P M										
		LINER SIZE			GENERAL									
		W.L.	F.C.	pH.										

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STAN	
Specify Actual Hours Worked							NO	O D	I D	WGT	GALS	BBLS	TONS	
DRILLER	Ernest Taylor 8													
DERRICK	Ernest Taylor 8	BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
MOTOR	Ernest Taylor 8													
FLOOR	Ernest Taylor 8													
FLOOR	Ernest Taylor 8													
FLOOR														
FIREMAN		MUD										AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
EXTRA		WEIGHT											1 62	
INJURIES:		VISCOSITY											2 6	
FIRES:		GEL											3 62	
		PUMPS	NO 1	PRES-SURE										
			MODEL	S P M										
			LINER SIZE			SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	
			NO 2	PRES-SURE										
			MODEL	S P M										
		LINER SIZE			GENERAL									
		W.L.	F.C.	pH.										

Totco Ring on Bit No. _____ D.P. Calibered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 314th DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE Jan 19 1964

WELL COLLARS			FUEL	WATER	COAL	STANDS
ID	WGT		GALS	BBL'S	TONS	SINGLES
197241						
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS	OTHER FT
7 1/2	and 2 1/2					
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	C B FT
			1	536		SUBS FT
			2	620		FT UP ON KELLY
			3	558		TOTAL
			4	210		
			5	154		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP
	163703					

REMARKS	TIME		
	START	STOP	INTERVAL
Submergence down in 1200			
String shot down in 1200			
1st 20' - 1200			
2nd 20' - 1200			
3rd 20' - 1200			
4th 20' - 1200			
5th 20' - 1200			
6th 20' - 1200			
7th 20' - 1200			
8th 20' - 1200			
9th 20' - 1200			
10th 20' - 1200			
11th 20' - 1200			
12th 20' - 1200			
13th 20' - 1200			
14th 20' - 1200			
15th 20' - 1200			
16th 20' - 1200			
17th 20' - 1200			
18th 20' - 1200			
19th 20' - 1200			
20th 20' - 1200			
21st 20' - 1200			
22nd 20' - 1200			
23rd 20' - 1200			
24th 20' - 1200			
25th 20' - 1200			
26th 20' - 1200			
27th 20' - 1200			
28th 20' - 1200			
29th 20' - 1200			
30th 20' - 1200			
31st 20' - 1200			
32nd 20' - 1200			
33rd 20' - 1200			
34th 20' - 1200			
35th 20' - 1200			
36th 20' - 1200			
37th 20' - 1200			
38th 20' - 1200			
39th 20' - 1200			
40th 20' - 1200			
41st 20' - 1200			
42nd 20' - 1200			
43rd 20' - 1200			
44th 20' - 1200			
45th 20' - 1200			
46th 20' - 1200			
47th 20' - 1200			
48th 20' - 1200			
49th 20' - 1200			
50th 20' - 1200			
51st 20' - 1200			
52nd 20' - 1200			
53rd 20' - 1200			
54th 20' - 1200			
55th 20' - 1200			
56th 20' - 1200			
57th 20' - 1200			
58th 20' - 1200			
59th 20' - 1200			
60th 20' - 1200			
61st 20' - 1200			
62nd 20' - 1200			
63rd 20' - 1200			
64th 20' - 1200			
65th 20' - 1200			
66th 20' - 1200			
67th 20' - 1200			
68th 20' - 1200			
69th 20' - 1200			
70th 20' - 1200			
71st 20' - 1200			
72nd 20' - 1200			
73rd 20' - 1200			
74th 20' - 1200			
75th 20' - 1200			
76th 20' - 1200			
77th 20' - 1200			
78th 20' - 1200			
79th 20' - 1200			
80th 20' - 1200			
81st 20' - 1200			
82nd 20' - 1200			
83rd 20' - 1200			
84th 20' - 1200			
85th 20' - 1200			
86th 20' - 1200			
87th 20' - 1200			
88th 20' - 1200			
89th 20' - 1200			
90th 20' - 1200			
91st 20' - 1200			
92nd 20' - 1200			
93rd 20' - 1200			
94th 20' - 1200			
95th 20' - 1200			
96th 20' - 1200			
97th 20' - 1200			
98th 20' - 1200			
99th 20' - 1200			
100th 20' - 1200			

3 hrs

WELL COLLARS			FUEL	WATER	COAL	STANDS
ID	WGT		GALS	BBL'S	TONS	SINGLES
1217	11862					
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS	OTHER FT
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	C B FT
			1	554		SUBS FT
			2	628		FT UP ON KELLY
			3	576		TOTAL
			4	320		
			5	170		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
Running Free Point - Stick	7:20		
in Drill it is up of 1/2 lb	10:00		2
Run to Run String Shot	10:00		
Run to Run String Shot	12:30	12:30	1 1/2
Working P. FREE	2:45	2:45	1 1/2
Hoist & Chain Out	4:00	4:00	1 1/4

Back to 1200

WELL COLLARS			FUEL	WATER	COAL	STANDS
ID	WGT		GALS	BBL'S	TONS	SINGLES
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS	OTHER FT
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	C B FT
			1	622		SUBS FT
			2	616		FT UP ON KELLY
			3	610		TOTAL
			4	604		
			5	598		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
Submergence down in 1200			
String shot down in 1200			
1st 20' - 1200			
2nd 20' - 1200			
3rd 20' - 1200			
4th 20' - 1200			
5th 20' - 1200			
6th 20' - 1200			
7th 20' - 1200			
8th 20' - 1200			
9th 20' - 1200			
10th 20' - 1200			
11th 20' - 1200			
12th 20' - 1200			
13th 20' - 1200			
14th 20' - 1200			
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16th 20' - 1200			
17th 20' - 1200			
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19th 20' - 1200			
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21st 20' - 1200			
22nd 20' - 1200			
23rd 20' - 1200			
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25th 20' - 1200			
26th 20' - 1200			
27th 20' - 1200			
28th 20' - 1200			
29th 20' - 1200			
30th 20' - 1200			
31st 20' - 1200			
32nd 20' - 1200			
33rd 20' - 1200			
34th 20' - 1200			
35th 20' - 1200			
36th 20' - 1200			
37th 20' - 1200			
38th 20' - 1200			
39th 20' - 1200			
40th 20' - 1200			
41st 20' - 1200			
42nd 20' - 1200			
43rd 20' - 1200			
44th 20' - 1200			
45th 20' - 1200			
46th 20' - 1200			
47th 20' - 1200			
48th 20' - 1200			
49th 20' - 1200			
50th 20' - 1200			
51st 20' - 1200			
52nd 20' - 1200			
53rd 20' - 1200			
54th 20' - 1200			
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56th 20' - 1200			
57th 20' - 1200			
58th 20' - 1200			
59th 20' - 1200			
60th 20' - 1200			
61st 20' - 1200			
62nd 20' - 1200			
63rd 20' - 1200			
64th 20' - 1200			
65th 20' - 1200			
66th 20' - 1200			
67th 20' - 1200			
68th 20' - 1200			
69th 20' - 1200			
70th 20' - 1200			
71st 20' - 1200			
72nd 20' - 1200			
73rd 20' - 1200			
74th 20' - 1200			
75th 20' - 1200			
76th 20' - 1200			
77th 20' - 1200			
78th 20' - 1200			
79th 20' - 1200			
80th 20' - 1200			
81st 20' - 1200			
82nd 20' - 1200			
83rd 20' - 1200			
84th 20' - 1200			
85th 20' - 1200			
86th 20' - 1200			
87th 20' - 1200			
88th 20' - 1200			
89th 20' - 1200			
90th 20' - 1200			
91st 20' - 1200			
92nd 20' - 1200			
93rd 20' - 1200			
94th 20' - 1200			
95th 20' - 1200			
96th 20' - 1200			
97th 20' - 1200			
98th 20' - 1200			
99th 20' - 1200			
100th 20' - 1200			

From P de Rock TOTAL CONTRACTOR TIME HRS TOOLPUSHER *[Signature]*
 TOTAL COMPANY TIME HRS APPROVED BY

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 90 DAY ON THIS WELL

RIG No. 100 COMPANY 100 LOCATION 100 DATE 10/10/19

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked: _____ HRS.

DRILLER	DERRICK	MOTOR	FLOOR	FLOOR	FLOOR	FIREMAN	EXTRA	INJURIES:	FIRES:
<u>1</u>	<u>1</u>	<u>1</u>	<u>8</u>	<u>8</u>	<u>8</u>			<u>Nil</u>	<u>Nil</u>

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	
					NO	OD	ID	WGT	GALS	BBLs	TONS

NO	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD	12 MN	2 A.M.	4 A.M.	6 A.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							1 <u>520</u>	
VISCOSITY							2 <u>600</u>	
GEL							3 <u>500</u>	
NO 1 PRES-SURE							4 <u>200</u>	
MODEL S.P.M.							5 <u>100</u>	
LINER SIZE								
NO 2 PRES-SURE								
MODEL S.P.M.								
LINER SIZE								

NO	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							1 <u>520</u>	
VISCOSITY							2 <u>600</u>	
GEL							3 <u>500</u>	
NO 1 PRES-SURE							4 <u>200</u>	
MODEL S.P.M.							5 <u>100</u>	
LINER SIZE								
NO 2 PRES-SURE								
MODEL S.P.M.								
LINER SIZE								

NO	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							1 <u>520</u>	
VISCOSITY							2 <u>600</u>	
GEL							3 <u>500</u>	
NO 1 PRES-SURE							4 <u>200</u>	
MODEL S.P.M.							5 <u>100</u>	
LINER SIZE								
NO 2 PRES-SURE								
MODEL S.P.M.								
LINER SIZE								

NO	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

Totco Ring on Bit No _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 BOP Test Operated _____ Time _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 19 DAY ON THIS WELL

RIG No. 17 COMPANY Sutton LOCATION Sutton DATE 5-1-19

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STAIN	
Specify Actual Hours Worked							NO	O.D.	I.D.	WGT.	GALS	BBLs	TONS	
DRILLER	8													
DERRICK	8													
MOTOR	4													
FLOOR	4													
FLOOR	1													
FLOOR														
FIREMAN														
EXTRA														
INJURIES:														
FIRES:														
		MUD					AT SURVEYS DEGREE					MOTOR HOURS		NEXT OIL CHANGE
		WEIGHT										1		
		VISCOSITY										2		
		GEL										3		
		PUMPS										4		
		NO. 1 MODEL										5		
		NO. 2 MODEL												
		GENERAL					163443					50		175
		W.L.					F.C.					pH		

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STAIN	
Specify Actual Hours Worked							NO	O.D.	I.D.	WGT.	GALS	BBLs	TONS	
DRILLER	8													
DERRICK	8													
MOTOR	8													
FLOOR	8													
FLOOR	8													
FLOOR	8													
FIREMAN	8													
EXTRA														
INJURIES:														
FIRES:														
		MUD					AT SURVEYS DEGREE					MOTOR HOURS		NEXT OIL CHANGE
		WEIGHT										1		496
		VISCOSITY										2		560
		GEL										3		518
		PUMPS										4		178
		NO. 1 MODEL										5		122
		NO. 2 MODEL												
		GENERAL					163443							
		W.L.					F.C.					pH		

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STAIN	
Specify Actual Hours Worked							NO	O.D.	I.D.	WGT.	GALS	BBLs	TONS	
DRILLER	8													
DERRICK	8													
MOTOR	8													
FLOOR	8													
FLOOR	8													
FLOOR	8													
FIREMAN	8													
EXTRA														
INJURIES:														
FIRES:														
		MUD					AT SURVEYS DEGREE					MOTOR HOURS		NEXT OIL CHANGE
		WEIGHT										1		518
		VISCOSITY										2		518
		GEL										3		518
		PUMPS										4		178
		NO. 1 MODEL										5		122
		NO. 2 MODEL												
		GENERAL					163443							
		W.L.					F.C.					pH		

Totco Ring on Bit No. D.P. Calipered Date Results From Pipe Rock

B.O.P. Test Operated Time Results

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19 _____

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked _____ HRS

	FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN
						NO	O D	I D	WGT	GALS	BBL'S	TONS
DRILLER												
DERRICK												
MOTOR												
FLOOR												
FLOOR												
FLOOR												
FIREMAN												
EXTRA												
INJURIES:												
FIRES:												

BIT S

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD

WEIGHT	12 MN	2 A M	4 A M	6 A M	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE

VISCOSITY

GEL

PUMPS

NO 1	PRE SURE	MODEL	S P M	LINER SIZE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL

GENERAL

W.L. _____ F.C. _____ pH _____

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked _____ HRS

	FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN
						NO	O D	I D	WGT	GALS	BBL'S	TONS
DRILLER												
DERRICK												
MOTOR												
FLOOR												
FLOOR												
FLOOR												
FIREMAN												
EXTRA												
INJURIES:												
FIRES:												

BIT S

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD

WEIGHT	8 A M	10 A M	12 NOON	2 P M	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE

VISCOSITY

GEL

PUMPS

NO 1	PRE SURE	MODEL	S P M	LINER SIZE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL

GENERAL

W.L. _____ F.C. _____ pH _____

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked _____ HRS

	FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN
						NO	O D	I D	WGT	GALS	BBL'S	TONS
DRILLER												
DERRICK												
MOTOR												
FLOOR												
FLOOR												
FLOOR												
FIREMAN												
EXTRA												
INJURIES:												
FIRES:												

BIT S

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD

WEIGHT	4 P M	6 P M	8 P M	10 P M	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE

VISCOSITY

GEL

PUMPS

NO 1	PRE SURE	MODEL	S P M	LINER SIZE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL

GENERAL

W.L. _____ F.C. _____ pH _____

Totco Ring on Bit No _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____

B.O.P. Test Operated _____ Time _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19 _____

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked _____ HRS

DRILLER	DERRICK	MOTOR	FLOOR	FLOOR	FIREMAN	EXTRA	INJURIES:	FIRES:
<i>[Handwritten]</i>	<i>[Handwritten]</i>	<i>[Handwritten]</i>	<i>[Handwritten]</i>	<i>[Handwritten]</i>	<i>[Handwritten]</i>	<i>[Handwritten]</i>		

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN
					NO	O D	I D	WGT	GALS	BBL S	TONS

BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD	12 MN	2 A M	4 A M	6 A M	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							1 <i>[Handwritten]</i>	
VISCOSITY							2 <i>[Handwritten]</i>	
GEL							3 <i>[Handwritten]</i>	
							4 <i>[Handwritten]</i>	
							5 <i>[Handwritten]</i>	

PUMPS	NO 1	PRES SURE	MODEL	S P M	LINER SIZE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL

GENERAL *[Handwritten]* 90 ft

W.L. _____ F.C. _____ PH _____

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked _____ HRS

DRILLER	DERRICK	MOTOR	FLOOR	FLOOR	FIREMAN	EXTRA	INJURIES:	FIRES:
<i>[Handwritten]</i>	<i>[Handwritten]</i>	<i>[Handwritten]</i>	<i>[Handwritten]</i>	<i>[Handwritten]</i>	<i>[Handwritten]</i>	<i>[Handwritten]</i>		

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN
					NO	O D	I D	WGT	GALS	BBL S	TONS

BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD	8 A M	10 A M	12 NOON	2 P M	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							1 <i>[Handwritten]</i>	
VISCOSITY							2 <i>[Handwritten]</i>	
GEL							3 <i>[Handwritten]</i>	
							4 <i>[Handwritten]</i>	
							5 <i>[Handwritten]</i>	

PUMPS	NO 1	PRES SURE	MODEL	S P M	LINER SIZE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL

GENERAL *[Handwritten]*

W.L. _____ F.C. _____ PH _____

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked _____ HRS

DRILLER	DERRICK	MOTOR	FLOOR	FLOOR	FIREMAN	EXTRA	INJURIES:	FIRES:
<i>[Handwritten]</i>	<i>[Handwritten]</i>	<i>[Handwritten]</i>	<i>[Handwritten]</i>	<i>[Handwritten]</i>	<i>[Handwritten]</i>	<i>[Handwritten]</i>		

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN
					NO	O D	I D	WGT	GALS	BBL S	TONS

BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD	4 P M	6 P M	8 P M	10 P M	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							1 <i>[Handwritten]</i>	
VISCOSITY							2 <i>[Handwritten]</i>	
GEL							3 <i>[Handwritten]</i>	
							4 <i>[Handwritten]</i>	
							5 <i>[Handwritten]</i>	

PUMPS	NO 1	PRES SURE	MODEL	S P M	LINER SIZE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL

GENERAL *[Handwritten]*

W.L. _____ F.C. _____ PH _____

Totco Ring on Bit No

D.P. Caliper Date

Results

From Pipe Rack

B.O.P. Test Operated

Time

Results

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 30 DAY ON THIS WELL

RIG No. 17 COMPANY Cascade Drilling LOCATION 1113 1/2 Highway 100 DATE July 13 19

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked

DRILLER	<u>Roger Jones</u>	8
DERRICK	<u>Red Connors</u>	8
MOTOR	<u>Howe King</u>	8
FLOOR	<u>Joe Winters</u>	8
FLOOR	<u>Joe Winters</u>	4
FIREMAN		
EXTRA		
INJURIES:	<u>Nil</u>	
FIRES:	<u>Nil</u>	

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	
					NO.	O.D.	I.D.	WGT	GALS	BBLs	TONS

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION
B	<u>2 1/2</u>	<u>4 H</u>		<u>12-1114</u>							
I											
T											
S											

MUD	12 MN	2 AM	4 AM	6 AM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							<u>448</u>	
VISCOSITY							<u>532</u>	
GEL							<u>470</u>	
							<u>130</u>	
							<u>74</u>	

NO. 1	PRES SURE	MODEL	S.P.M.	LINER SIZE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
P												
U												
M												
P												
S												

NO. 2	PRES SURE	MODEL	S.P.M.	LINER SIZE	GENERAL							

W.L.	F.C.	pH.

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked

DRILLER	<u>Wm O'Hagan</u>	8
DERRICK	<u>John Hinds</u>	9
MOTOR	<u>Walt Rusk</u>	9
FLOOR	<u>Ken Hines</u>	8
FLOOR	<u>John Winters</u>	9
FIREMAN	<u>Charles Hines</u>	9
EXTRA		
INJURIES:		
FIRES:		

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	
					NO.	O.D.	I.D.	WGT	GALS	BBLs	TONS

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION
B	<u>2 1/2</u>	<u>4 H</u>		<u>12-1114</u>							
I											
T											
S											

MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							<u>448</u>	
VISCOSITY							<u>532</u>	
GEL							<u>470</u>	
							<u>130</u>	
							<u>74</u>	

NO. 1	PRES SURE	MODEL	S.P.M.	LINER SIZE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
P												
U												
M												
P												
S												

NO. 2	PRES SURE	MODEL	S.P.M.	LINER SIZE	GENERAL							

W.L.	F.C.	pH.

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked

DRILLER	<u>Edward Kasper</u>	9
DERRICK	<u>Marvin Deaton</u>	9
MOTOR	<u>Howe King</u>	9
FLOOR	<u>Raymond St. John</u>	9
FLOOR	<u>Alex Stephens</u>	9
FIREMAN	<u>Conrad Strickel</u>	9
EXTRA	<u>L.H. Eldon</u>	
INJURIES:		
FIRES:		

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	
					NO.	O.D.	I.D.	WGT	GALS	BBLs	TONS

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION
B											
I											
T											
S											

MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT								
VISCOSITY								
GEL								

NO. 1	PRES SURE	MODEL	S.P.M.	LINER SIZE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
P												
U												
M												
P												
S												

NO. 2	PRES SURE	MODEL	S.P.M.	LINER SIZE	GENERAL							

W.L.	F.C.	pH.

Totco Ring on Bit No. _____ DP Calipered Date _____ Results _____ From Pipe Rack _____

B O P Test-Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 3rd DAY DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE Jan 15 19

DRILL COLLARS			FUEL	WATER	COAL	STANDS
D	I	WGT	GALS	BBL	TONS	SINGLES
FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION		
AT SURVEYS DEGREE			MOTOR HOURS	NEXT OIL CHANGE		
			1 440			
			2 520			
			3 460			
			4 120			
			5 66			
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME	
	START	STOP INTERVAL
11:20 - 11:30	11:20	11:30 10
11:30 - 11:45	11:30	11:45 15
11:45 - 12:00	11:45	12:00 15
12:00 - 12:15	12:00	12:15 15
12:15 - 12:30	12:15	12:30 15
12:30 - 12:45	12:30	12:45 15
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CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 7th DAY ON THIS WELL

RIG No. 14 COMPANY Cascade Drilling Co. Ltd. LOCATION W. 1/4 Sec 10, T. 12N, R. 10E, S. 14 DATE Aug 19 1951

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL		
Specify Actual Hours Worked								NO	O.D.	I.D.	WGT	GALS	BBL'S	TONS
DRILLER	<u>8</u>													
DERRICK	<u>8</u>													
MOTOR	<u>8</u>													
FLOOR	<u>8</u>													
FLOOR	<u>8</u>													
FLOOR	<u>8</u>													
FIREMAN														
EXTRA														
INJURIES:	<u>Nil</u>													
FIRES:														

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL		
Specify Actual Hours Worked								NO	O.D.	I.D.	WGT	GALS	BBL'S	TONS
DRILLER	<u>8</u>													
DERRICK	<u>8</u>													
MOTOR	<u>8</u>													
FLOOR	<u>8</u>													
FLOOR	<u>8</u>													
FLOOR	<u>8</u>													
FIREMAN	<u>3</u>													
EXTRA														
INJURIES:														
FIRES:														

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL		
Specify Actual Hours Worked								NO	O.D.	I.D.	WGT	GALS	BBL'S	TONS
DRILLER	<u>3</u>													
DERRICK	<u>3</u>													
MOTOR	<u>3</u>													
FLOOR	<u>3</u>													
FLOOR	<u>3</u>													
FLOOR	<u>3</u>													
FIREMAN														
EXTRA														
INJURIES:														
FIRES:														

Totco Ring on Bit No _____ DP Corropered Date _____ Results _____ From Pipe Rack _____
 BOP Test Operated _____ Time _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 10th DAY ON THIS WELL

RIG No. 17 COMPANY ... LOCATION ... DATE ... 19...

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL																																																																																																																																																																																																																																											
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT.	GALS	BBLs	TONS																																																																																																																																																																																																																																										
DRILLER		<table border="1"> <tr> <td rowspan="5">BITS</td> <td>NO.</td> <td>SIZE</td> <td>TYPE</td> <td>SIZE JETS</td> <td>SERIAL NO.</td> <td>WEIGHT</td> <td>R.P.M.</td> <td>FT DRLD</td> <td>FT RMD</td> <td>HRS</td> <td>DEPTH OUT</td> <td>CONDITION</td> </tr> <tr> <td>1</td> <td>5 7/8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>											BITS	NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	1	5 7/8											2												3												4																																																																																																																																																																																									
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Totco Ring on Bit No
BOP Test Operated

DP Calipered Date
Time

Results
Results

From Pipe Rock

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 20th DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE Feb 15 1964

D. COLLARS		FUEL	WATER	COAL	STANDS	
D	ID	WGT	GALS	BBLs	TONS	
					SINGLES	
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D. COLLARS	
					OTHER FT	
					CB FT	
					SUBS FT	
					FT UP ON KELLY	
					TOTAL	
					1114900	
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
11145.01			
3"			
5/4			
20' ALDS			

D. COLLARS		FUEL	WATER	COAL	STANDS	
D	ID	WGT	GALS	BBLs	TONS	
					SINGLES	
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D. COLLARS	
					OTHER FT	
					CB FT	
					SUBS FT	
					FT UP ON KELLY	
					TOTAL	
					1100	
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

12012-2 8 HRS

line condition good	800	1000	2
Pressure up and held	1000		
with 2500 PSI for 30 min			
held ok	1030		1/2
Pressure up on 3/4" pipe	1100		
slowly 2500 PSI for 30 min			
held ok	1100		1/2
line condition good	1100	1300	2"
line back out	1300		
held ok	1400		1/2
line to 1400	1400	1300	1/2
Pressure up and held	1400		
with 2500 PSI for 30 min			
held ok	1400		1/2

D. COLLARS		FUEL	WATER	COAL	STANDS	
D	ID	WGT	GALS	BBLs	TONS	
					SINGLES	
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D. COLLARS	
					OTHER FT	
					CB FT	
					SUBS FT	
					FT UP ON KELLY	
					TOTAL	
					11142617	
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

11142617

11142617			
11142617			
11142617			
11142617			

From Pipe Rock

TOTAL CONTRACTOR TIME	HRS	TOOLPUSHER
TOTAL COMPANY TIME	HRS	APPROVED BY

Stripped Out: 1500' 3/4" pipe

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19__

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT.	GALS	BBLs	TONS
DRILLER		BITS											
DERRICK		MUD											
MOTOR		WEIGHT											
FLOOR		VISCOSITY											
FLOOR		GEL											
FIREMAN		PUMPS											
EXTRA		GENERAL											
INJURIES		W.L.											
FIRES		F.C.											
		pH.											
Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT.	GALS	BBLs	TONS
DRILLER		BITS											
DERRICK		MUD											
MOTOR		WEIGHT											
FLOOR		VISCOSITY											
FLOOR		GEL											
FIREMAN		PUMPS											
EXTRA		GENERAL											
INJURIES		W.L.											
FIRES		F.C.											
		pH.											
Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT.	GALS	BBLs	TONS
DRILLER		BITS											
DERRICK		MUD											
MOTOR		WEIGHT											
FLOOR		VISCOSITY											
FLOOR		GEL											
FIREMAN		PUMPS											
EXTRA		GENERAL											
INJURIES		W.L.											
FIRES		F.C.											
		pH.											

Totco Ring on Bit No _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test Operated _____ Time _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 206 DAY ON THIS WELL

RIG No. 14 COMPANY SUNBELT LOCATION ... DATE ... 19...

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT	GALS	BBL'S	TONS
DRILLER	<u>...</u>	BITS											
DERRICK	<u>167</u>	MUD											
MOTOR	<u>...</u>	WEIGHT											
FLOOR	<u>...</u>	VISCOSITY											
FLOOR	<u>...</u>	GEL											
FLOOR	<u>...</u>	PUMPS											
FIREMAN	<u>...</u>	NO. 1 PRES. SURE MODEL S.P.M. LINER SIZE											
EXTRA	<u>...</u>	NO. 2 PRES. SURE MODEL S.P.M. LINER SIZE											
INJURIES:	<u>Nil</u>	GENERAL											
FIRES:	<u>Nil</u>	W.L. F.C. pH.											

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT	GALS	BBL'S	TONS
DRILLER	<u>...</u>	BITS											
DERRICK	<u>...</u>	MUD											
MOTOR	<u>...</u>	WEIGHT											
FLOOR	<u>...</u>	VISCOSITY											
FLOOR	<u>...</u>	GEL											
FLOOR	<u>...</u>	PUMPS											
FIREMAN	<u>...</u>	NO. 1 PRES. SURE MODEL S.P.M. LINER SIZE											
EXTRA	<u>...</u>	NO. 2 PRES. SURE MODEL S.P.M. LINER SIZE											
INJURIES:	<u>Nil</u>	GENERAL <u>Clean</u>											
FIRES:	<u>Nil</u>	W.L. F.C. pH.											

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT	GALS	BBL'S	TONS
DRILLER	<u>...</u>	BITS											
DERRICK	<u>...</u>	MUD											
MOTOR	<u>...</u>	WEIGHT											
FLOOR	<u>...</u>	VISCOSITY											
FLOOR	<u>...</u>	GEL											
FLOOR	<u>...</u>	PUMPS											
FIREMAN	<u>...</u>	NO. 1 PRES. SURE MODEL S.P.M. LINER SIZE											
EXTRA	<u>...</u>	NO. 2 PRES. SURE MODEL S.P.M. LINER SIZE											
INJURIES:	<u>Nil</u>	GENERAL											
FIRES:	<u>Nil</u>	W.L. F.C. pH.											

Torco Ring on Bit No _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 325 DAY ON THIS WELL

RIG No. 19 COMPANY *Cascade Drilling* LOCATION *...* DATE *...* 19 *...*

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STA	
Specify Actual Hours Worked		HRS					NO	O D	I D	WGT	GALS	BBLS	TONS	
DRILLER	<i>...</i>													
DERRICK	<i>...</i>													
MOTOR	<i>...</i>													
FLOOR	<i>...</i>													
FLOOR	<i>...</i>													
FLOOR	<i>...</i>													
FIREMAN	<i>...</i>													
EXTRA	<i>...</i>													
INJURIES:	<i>Nil</i>													
FIRES:	<i>Nil</i>													
		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
		MUD				12 MN	2 A M	4 A M	6 A M	ADDITIVES	AT SURVEYS DEGREE		MOTOR HOURS	NEXT OIL CHANGE
		WEIGHT										1		
		VISCOSITY										2		
		GEL										3		
		NO 1	PRES	MODEL	NO 2	PRES	MODEL	NO 3	PRES	MODEL	NO 4	PRES	MODEL	
		GENERAL												
		W.L.	F.C.	pH										

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STA	
Specify Actual Hours Worked		HRS					NO	O D	I D	WGT	GALS	BBLS	TONS	
DRILLER	<i>Wm. O'Hagan</i>													
DERRICK	<i>Joe Thacker</i>													
MOTOR	<i>Walt Hurnick</i>													
FLOOR	<i>Don Brown</i>													
FLOOR	<i>John Wicklow</i>													
FLOOR	<i>...</i>													
FIREMAN	<i>Charles McLeary</i>													
EXTRA	<i>...</i>													
INJURIES:	<i>Nil</i>													
FIRES:	<i>Nil</i>													
		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
		MUD				8 A M	10 A M	12 NOON	2 P M	ADDITIVES	AT SURVEYS DEGREE		MOTOR HOURS	NEXT OIL CHANGE
		WEIGHT										1		
		VISCOSITY										2		
		GEL										3		
		NO 1	PRES	MODEL	NO 2	PRES	MODEL	NO 3	PRES	MODEL	NO 4	PRES	MODEL	
		GENERAL												
		W.L.	F.C.	pH										

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STA	
Specify Actual Hours Worked		HRS					NO	O D	I D	WGT	GALS	BBLS	TONS	
DRILLER	<i>James Walker</i>													
DERRICK	<i>Harold Vaughn</i>													
MOTOR	<i>...</i>													
FLOOR	<i>...</i>													
FLOOR	<i>...</i>													
FLOOR	<i>...</i>													
FIREMAN	<i>...</i>													
EXTRA	<i>...</i>													
INJURIES:	<i>Nil</i>													
FIRES:	<i>Nil</i>													
		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
		MUD				4 P M	6 P M	8 P M	10 P M	ADDITIVES	AT SURVEYS DEGREE		MOTOR HOURS	NEXT OIL CHANGE
		WEIGHT										1		
		VISCOSITY										2		
		GEL										3		
		NO 1	PRES	MODEL	NO 2	PRES	MODEL	NO 3	PRES	MODEL	NO 4	PRES	MODEL	
		GENERAL												
		W.L.	F.C.	pH										

Torco Ring on Bit No _____ D.P. Caliper Date _____ Results _____ From the Rock _____
 BOP Test Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 3rd DAY ON THIS WELL

NOTE - Please show FOOTAGE made while Control Drilling as well as HOURS.

DATE <u>Jan 10 1964</u>									
KELLY COLLARS		FUEL		WATER		COAL		STANDS	
D	ID	WGT	GALS		BBLs		TONS		SINGLES
FT DRLD		FT RMD		HRS		DEPTH OUT		CONDITION	
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		D. COLLARS		OTHER FT	
		1				CB FT		SUBS FT	
		2				FT UP ON KELLY		TOTAL	
		3				TON MILES		TOTAL MILES	
		4				SLIP		FEET LEFT ON SPOOL	
		5				FEET CUT		NEXT SLIP	

REMARKS	START	STOP	INTERVAL
<u>2nd 6' overcoat</u>			
<u>P.D.P. pipe 17 1/2' with one overcoat 10' hole @ 24'</u>			

Drill 8 hours in Superior 8

3 BOWER 8 HRS

DATE <u>Jan 10 1964</u>									
KELLY COLLARS		FUEL		WATER		COAL		STANDS	
D	ID	WGT	GALS		BBLs		TONS		SINGLES
FT DRLD		FT RMD		HRS		DEPTH OUT		CONDITION	
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		D. COLLARS		OTHER FT	
		1				CB FT		SUBS FT	
		2				FT UP ON KELLY		TOTAL	
		3				TON MILES		TOTAL MILES	
		4				SLIP		FEET LEFT ON SPOOL	
		5				FEET CUT		NEXT SLIP	

<u>Wait on overcoat</u>	<u>800</u>	<u>100</u>	<u>5</u>
<u>Wait on change over</u>	<u>100</u>		
<u>24.675-24.5-24.5</u>		<u>400</u>	<u>3</u>
<u>Overcoat was 3 1/2' E.H. would not fit Drilling string</u>			

Drill 4 hours in Superior 8

1 BOWER 4 HRS

DATE <u>Jan 10 1964</u>									
KELLY COLLARS		FUEL		WATER		COAL		STANDS	
D	ID	WGT	GALS		BBLs		TONS		SINGLES
FT DRLD		FT RMD		HRS		DEPTH OUT		CONDITION	
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		D. COLLARS		OTHER FT	
		1				CB FT		SUBS FT	
		2				FT UP ON KELLY		TOTAL	
		3				TON MILES		TOTAL MILES	
		4				SLIP		FEET LEFT ON SPOOL	
		5				FEET CUT		NEXT SLIP	

<u>Wait on overcoat</u>	<u>400</u>	<u>100</u>	<u>8</u>
-------------------------	------------	------------	----------

Production Rock

TOTAL CONTRACTOR TIME

HRS TOOLPUSHER

TOTAL COMPANY TIME

HRS APPROVED BY

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. 11 COMPANY _____ LOCATION _____ DATE 7 1947

Tour - Midnight - 8 a.m.
Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO. O.D. I.D. WGT	FUEL GALS	WATER BBLS	COAL TONS	STANDARDS
DRILLER <i>Walter Hood</i>									SINGL
DERRICK <i>Walter Hood</i>									D COL
MOTOR <i>Walter Hood</i>									OTHER
FLOOR <i>Walter Hood</i>									C B FT
FLOOR <i>Walter Hood</i>									SUBS P
FLOOR <i>Walter Hood</i>									FT UP KELLY
FIREMAN									TOTAL
EXTRA									
INJURIES:									
FIRES:									

BIT S

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD

12 MN	2 A M	4 A M	6 A M	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE

PUMPS

NO 1	PRES SURE	MODEL	LINER SIZE	NO 2	PRES SURE	MODEL	LINER SIZE

GENERAL

W.L. _____ F.C. _____ P.H. _____

Tour - 8 a.m. - 4 p.m.
Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO. O.D. I.D. WGT	FUEL GALS	WATER BBLS	COAL TONS	STANDARDS
DRILLER <i>Walter Hood</i>									SINGL
DERRICK <i>Walter Hood</i>									D COL
MOTOR <i>Walter Hood</i>									OTHER
FLOOR <i>Walter Hood</i>									C B FT
FLOOR <i>Walter Hood</i>									SUBS P
FLOOR <i>Walter Hood</i>									FT UP KELLY
FIREMAN									TOTAL
EXTRA									
INJURIES:									
FIRES:									

BIT S

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD

8 A M	10 A M	12 NOON	2 P M	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE

PUMPS

NO 1	PRES SURE	MODEL	LINER SIZE	NO 2	PRES SURE	MODEL	LINER SIZE

GENERAL

W.L. _____ F.C. _____ P.H. _____

Tour - 4 p.m. - Midnight
Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO. O.D. I.D. WGT	FUEL GALS	WATER BBLS	COAL TONS	STANDARDS
DRILLER <i>Walter Hood</i>									SINGL
DERRICK <i>Walter Hood</i>									D COL
MOTOR <i>Walter Hood</i>									OTHER
FLOOR <i>Walter Hood</i>									C B FT
FLOOR <i>Walter Hood</i>									SUBS P
FLOOR <i>Walter Hood</i>									FT UP KELLY
FIREMAN									TOTAL
EXTRA									
INJURIES:									
FIRES:									

BIT S

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD

4 P M	6 P M	8 P M	10 P M	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE

PUMPS

NO 1	PRES SURE	MODEL	LINER SIZE	NO 2	PRES SURE	MODEL	LINER SIZE

GENERAL

W.L. _____ F.C. _____ P.H. _____

Totco Ring on Bit No _____ Results _____
 B O P Test Operated _____ Time _____ Results _____
 From Pipe Rock

CASCADE DRILLING

DAILY DRILLING REPORT

RIG No. 19 COMPANY Canada Southern Company Limited LOCATION North Beaver River Mine DATE Jan 8 1930
 THIS IS 303 DAY ON THIS WELL

Tour - Midnight - 8 a.m.
 Specify Actual Hours Worked _____ HRS.

DRILLER Robert Quinn 8
 DERRICK Ken Cozy 8
 MOTOR Mike Berg 8
 FLOOR Owen Whalen 8
 FLOOR Victor Zakowk 8
 FIREMAN Charles Nowalesky 8
 EXTRA _____
 INJURIES: NIL
 FIRES: Overtime Hauling Mud

12201

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	
					NO.	O.D.	I.D.	WGT	GALS.	BBLs.	TONS

189535

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD.	FT RMD.	HRS.	DEPTH OUT	CONDITION

MUD	12 MN.	2 A.M.	4 A.M.	6 A.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							1 292	
VISCOSITY							2 356	
GEL							3 294	
							4 292	
							5 199	

PUMPS

NO. 1 MODEL	PRES-SURE	S.P.M.	NO. 2 MODEL	PRES-SURE	S.P.M.	GENERAL

W.L. _____ F.C. _____ pH. _____

Tour - 8 a.m. - 4 p.m.
 Specify Actual Hours Worked _____ HRS.

DRILLER Robert Quinn 8
 DERRICK Ken Cozy 8
 MOTOR Mike Berg 8
 FLOOR Owen Whalen 8
 FLOOR Victor Zakowk 8
 FIREMAN Charles Nowalesky 8
 EXTRA _____
 INJURIES: NIL
 FIRES: NIL

12201

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	
					NO.	O.D.	I.D.	WGT	GALS.	BBLs.	TONS

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD.	FT RMD.	HRS.	DEPTH OUT	CONDITION

MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							1 280	
VISCOSITY							2 364	
GEL							3 302	
							4 902	
							5 186	

PUMPS

NO. 1 MODEL	PRES-SURE	S.P.M.	NO. 2 MODEL	PRES-SURE	S.P.M.	GENERAL

W.L. _____ F.C. _____ pH. _____

Tour - 4 p.m. - Midnight
 Specify Actual Hours Worked _____ HRS.

DRILLER Wm O'Hagan 8
 DERRICK John Bauder 8
 MOTOR Walt Busch 8
 FLOOR Bob Gross 8
 FLOOR John Wisler 8
 FIREMAN _____
 EXTRA _____
 INJURIES: overtime hauling mud
 FIRES: _____

12201

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	
					NO.	O.D.	I.D.	WGT	GALS.	BBLs.	TONS

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD.	FT RMD.	HRS.	DEPTH OUT	CONDITION

MUD	8 P.M.	8 P.M.	8 P.M.	10 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							1 288	
VISCOSITY							2 372	
GEL							3 310	
							4 913	
							5 194	

PUMPS

NO. 1 MODEL	PRES-SURE	S.P.M.	NO. 2 MODEL	PRES-SURE	S.P.M.	GENERAL

W.L. _____ F.C. _____ pH. _____

40 260

EXTRA Time - Hauling Mud

Totro Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CALGARY OFFICE

DAY WORK RECORD

THIS IS 303 DAY ON THIS WELL

NOTE - Please show FOOTAGE made while Control Drilling as well as HOURS

Beaver River No. 10 DATE Jan 8 1964

DRILL COLLARS			FUEL	WATER	COAL	STANDS
D	ID	WGT	GALS	BBLs	TONS	SINGLES
			1895.35			
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS	OTHER FT
AT SURVEYS DEGREE			MOTOR HOURS	NEXT OIL CHANGE	C B FT	SUBS FT
			1	292		
			2	356		
			3	294		
			4	892		
			5	199		
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP	

Time Hauling Mud @ 5 1/2" D.P.

REMARKS	START	STOP	INTERVAL
Waiting Cement Lay down 5" Drill PIPE in Mouse hole	11:20		8:00

DRILL COLLARS			FUEL	WATER	COAL	STANDS
D	ID	WGT	GALS	BBLs	TONS	SINGLES
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS	OTHER FT
AT SURVEYS DEGREE			MOTOR HOURS	NEXT OIL CHANGE	C B FT	SUBS FT
			1	280		
			2	364		
			3	302		
			4	903		
			5	186		
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP	

REMARKS	START	STOP	INTERVAL
WOC		8:00	4:00
Lay down 5" Drill 5" Drill PIPE in Mouse hole			
From 7:30 Am. Kutsnellec. 280 53x Baroid. 140 53x Aguagel			

DRILL COLLARS			FUEL	WATER	COAL	STANDS
D	ID	WGT	GALS	BBLs	TONS	SINGLES
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS	OTHER FT
AT SURVEYS DEGREE			MOTOR HOURS	NEXT OIL CHANGE	C B FT	SUBS FT
			1	288		
			2	372		
			3	310		
			4	913		
			5	194		
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP	

TR Time - Hauling Mud

REMARKS	START	STOP	INTERVAL
Boiler 8 HRS			
Wait on Cement	4:00		
Lay down 5" Drill Pipe in Mouse hole		7:00	5
Lay down 4 1/2" Kelly and Pick up 3 1/2"			
Kelly		10:45	1 3/4
Stop and cut Drill line	10:45		
		12:00	14

Boiler 8 hrs

From Pipe Rack

TOTAL CONTRACTOR TIME _____ HRS
TOTAL COMPANY TIME _____ HRS

TOOLPUSHER [Signature]
APPROVED BY [Signature]

DAILY DRILLING REPORT

OPERATION BOARD

DAY WORK RECORD

THIS IS A _____ DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE _____ 19__

										REMARKS	TIME					
											START	STOP	INTERVAL			
ALL COLLARS			FUEL		WATER		COAL		STANDS							
D.	I.D.	WGT	GALS		BBLs		TONS		SINGLES							
FT. DRLD.			FT. RMD.		HRS.		DEPTH OUT		CONDITION							
										D. COLLARS						
										OTHER FT.						
										C.B. FT.						
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE		SUBS. FT.		FT. UP ON KELLY							
			1													
			2													
			3													
			4													
			5													
TON MILES		TOTAL MILES		SLIP		FEET OR CUT		FEET LEFT ON SPOOL		NEXT SLIP						
ALL COLLARS			FUEL		WATER		COAL		STANDS							
D.	I.D.	WGT	GALS		BBLs		TONS		SINGLES							
FT. DRLD.			FT. RMD.		HRS.		DEPTH OUT		CONDITION							
										D. COLLARS						
										OTHER FT.						
										C.B. FT.						
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE		SUBS. FT.		FT. UP ON KELLY							
			1													
			2													
			3													
			4													
			5													
TON MILES		TOTAL MILES		SLIP		FEET OR CUT		FEET LEFT ON SPOOL		NEXT SLIP						
ALL COLLARS			FUEL		WATER		COAL		STANDS							
D.	I.D.	WGT	GALS		BBLs		TONS		SINGLES							
FT. DRLD.			FT. RMD.		HRS.		DEPTH OUT		CONDITION							
										D. COLLARS						
										OTHER FT.						
										C.B. FT.						
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE		SUBS. FT.		FT. UP ON KELLY							
			1													
			2													
			3													
			4													
			5													
TON MILES		TOTAL MILES		SLIP		FEET OR CUT		FEET LEFT ON SPOOL		NEXT SLIP						

From Pipe Rack

TOTAL CONTRACTOR TIME

HRS. TOOLPUSHER

TOTAL COMPANY TIME

HRS. APPROVED BY

CASCADE DRILLING

DAILY DRILLING REPORT

Company Limited
 RIG No. 19 COMPANY Canada S. Trust LOCATION North Beaver River Head DATE Jan 7 1950
 THIS IS 302 DAY ON THIS WELL

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked _____ HRS.

DRILLER James Farber 8
 DERRICK Maurice Vachon 8
 MOTOR Ben McElroy 8
 FLOOR George Stichel 8
 FLOOR Alex Stephen 8
 FIREMAN _____
 EXTRA _____
 INJURIES: _____
 FIRES: _____

FROM _____ FOOTAGE _____ TO _____ HRS ON BOTTOM _____ WT DRILL STRING (1000 LBS.) _____

DRILL COLLARS NO. O.D. I.D. WGT _____ FUEL _____ WATER _____ COAL _____

198896

NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT R.P.M. FT. DRLD. FT. RMD. HRS. DEPTH OUT CONDITION

MUD 12 M.N. 2 A.M. 4 A.M. 6 A.M. ADDITIVES _____ AT SURVEYS DEGREE _____ MOTOR HOURS _____ NEXT OIL CHANGE _____

WEIGHT _____ 1 238

VISCOSITY _____ 2 382

GEL _____ 3 320

_____ 4 323

_____ 5 154

PUMPS NO. 1 PRES-SURE S.P.M. _____ LINDER SIZE _____ NO. 2 PRES-SURE S.P.M. _____ LINDER SIZE _____

GENERAL Bitler & has

W.L. _____ F.C. _____ pH. _____

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked _____ HRS.

DRILLER Robert Oliver 8
 DERRICK Bun Carey 8
 MOTOR Mike Berg 8
 FLOOR Owen W. Hagen 8
 FLOOR Victor Zakaruk 8
 FIREMAN Charles Nowelsky 8
 EXTRA _____
 INJURIES: N/A
 FIRES: N/A

FROM _____ FOOTAGE _____ TO _____ HRS ON BOTTOM _____ WT DRILL STRING (1000 LBS.) _____

DRILL COLLARS NO. O.D. I.D. WGT _____ FUEL _____ WATER _____ COAL _____

NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT R.P.M. FT. DRLD. FT. RMD. HRS. DEPTH OUT CONDITION

MUD 8 A.M. 10 A.M. 12 NOON 2 P.M. ADDITIVES _____ AT SURVEYS DEGREE _____ MOTOR HOURS _____ NEXT OIL CHANGE _____

WEIGHT _____ 1 236

VISCOSITY _____ 2 340

GEL _____ 3 278

_____ 4 381

_____ 5 162

PUMPS NO. 1 PRES-SURE S.P.M. _____ LINDER SIZE _____ NO. 2 PRES-SURE S.P.M. _____ LINDER SIZE _____

GENERAL _____

W.L. _____ F.C. _____ pH. _____

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked _____ HRS.

DRILLER Wm O'Hagan 8
 DERRICK John Harder 8
 MOTOR Walt Rusnak 8
 FLOOR Ron Moss 8
 FLOOR John Willow 8
 FIREMAN _____
 EXTRA _____
 INJURIES: _____
 FIRES: _____

FROM _____ FOOTAGE _____ TO _____ HRS ON BOTTOM _____ WT DRILL STRING (1000 LBS.) _____

DRILL COLLARS NO. O.D. I.D. WGT _____ FUEL _____ WATER _____ COAL _____

12201

NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT R.P.M. FT. DRLD. FT. RMD. HRS. DEPTH OUT CONDITION

MUD 4 P.M. 6 P.M. 8 P.M. 10 P.M. ADDITIVES _____ AT SURVEYS DEGREE _____ MOTOR HOURS _____ NEXT OIL CHANGE _____

WEIGHT _____ 1 244

VISCOSITY _____ 2 348

GEL _____ 3 285

_____ 4 387

_____ 5 170

PUMPS NO. 1 PRES-SURE S.P.M. _____ LINDER SIZE _____ NO. 2 PRES-SURE S.P.M. _____ LINDER SIZE _____

GENERAL _____

W.L. _____ F.C. _____ pH. _____

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rock _____
 B.O.P. Test-Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CALGARY OFFICE

DAY WORK RECORD

THIS IS 302 DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOUR

Barber DATE Jan 7 1964

DRILL COLLARS			FUEL	WATER	COAL	STANDS
O.D.	I.D.	WGT	GALS.	BBLs	TONS	SINGLES
			1989.6			
M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION	D. COLLARS
AT SURVEYS DEGREE			MOTOR HOURS	NEXT OIL CHANGE		
			1 218			
			2 282			
			3 370			
			4 473			
			5 154			
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP	

Barber 8 hrs

DRILL COLLARS			FUEL	WATER	COAL	STANDS
O.D.	I.D.	WGT	GALS.	BBLs	TONS	SINGLES
M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION	D. COLLARS
AT SURVEYS DEGREE			MOTOR HOURS	NEXT OIL CHANGE		
			1 236			
			2 340			
			3 278			
			4 381			
			5 162			
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP	

REMARKS
 Pump Down Plug
 Write On Cement.
 Take Out Reels &
 SET STIPS
 12:05
 1:00
 8:00 6
 BUMPED PLUG AT 1:36 PM JAN 7/64
 W/MSDD PSLG SER JAN 6 FORM

DRILL COLLARS			FUEL	WATER	COAL	STANDS
O.D.	I.D.	WGT	GALS.	BBLs	TONS	SINGLES
M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION	D. COLLARS
AT SURVEYS DEGREE			MOTOR HOURS	NEXT OIL CHANGE		
			1 244			
			2 348			
			3 285			
			4 389			
			5 170			
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP	

REMARKS
 Heading up
 8:00 4:00 8
 Put on Rem Type Tubing
 Hanger, Put on B & P's.
 From Pan Am. Ketonelle
 14058x Agugel
 BOILER HRS
 Heading up
 4:00 12:00 8
 From Pan Am Ketonelle
 2 loads 244 gals
 Diesel Fuel.
 Barber 3 hrs

From Pipe Rack

TOTAL CONTRACTOR TIME _____ HRS

TOOL PUSHER

TOTAL COMPANY TIME _____ HRS

APPROVED BY

P. F. Patterson
[Signature]

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19 _____

Tour - Midnight - 8 a.m. Specify Actual Hours Worked _____ HRS		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STA				
DRILLER							NO	OD	ID	WGT	GALS	BBLs	TONS				
DERRICK		BITS		NO.	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D C	
MOTOR																OTH	
FLOOR																C B	
FLOOR		MUD				12 MN	2 A M	4 A M	5 A M	ADDITIVES		AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	SUB
FLOOR		WEIGHT												1			FT
FLOOR		VISCOSITY												2			KEL
FIREMAN		GEL												3			TOT
EXTRA		P		NO 1	PRES-SURE									4			
		U		MODEL	S.P.M.									5			
		M		LINER SIZE													
INJURIES:		P		NO 2	PRES-SURE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL			
		S		MODEL	S.P.M.												
FIRES:				LINER SIZE		GENERAL											
		W.L	F.C	pH													

Tour - 8 a.m. - 4 p.m. Specify Actual Hours Worked _____ HRS		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STA				
DRILLER							NO	OD	ID	WGT	GALS	BBLs	TONS				
DERRICK		BITS		NO.	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D C	
MOTOR																OTH	
FLOOR																C B	
FLOOR		MUD				8 A M	10 A M	12 NOON	2 P M	ADDITIVES		AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	SUB
FLOOR		WEIGHT												1			FT
FLOOR		VISCOSITY												2			KEL
FIREMAN		GEL												3			TOT
EXTRA		P		NO 1	PRES-SURE									4			
		U		MODEL	S.P.M.									5			
		M		LINER SIZE													
INJURIES:		P		NO 2	PRES-SURE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL			
		S		MODEL	S.P.M.	GENERAL											
FIRES:				LINER SIZE		GENERAL											
		W.L	F.C	pH													

Tour - 4 p.m. - Midnight Specify Actual Hours Worked _____ HRS		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STA				
DRILLER							NO	OD	ID	WGT	GALS	BBLs	TONS				
DERRICK		BITS		NO.	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D C	
MOTOR																OTH	
FLOOR																C B	
FLOOR		MUD				4 P M	5 P M	8 P M	10 P M	ADDITIVES		AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	SUB
FLOOR		WEIGHT												1			FT
FLOOR		VISCOSITY												2			KEL
FIREMAN		GEL												3			TOT
EXTRA		P		NO 1	PRES-SURE									4			
		U		MODEL	S.P.M.									5			
		M		LINER SIZE													
INJURIES:		P		NO 2	PRES-SURE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL			
		S		MODEL	S.P.M.	GENERAL											
FIRES:				LINER SIZE		GENERAL											
		W.L	F.C	pH													

Tarco Ring on Bit No

D.P. Caliper Date

Results

From Pipe Rack

B.O.P. Test Operated

Time

Results

CASCADE DRILLING

DAILY DRILLING REPORT

RIG No. 19 COMPANY Canada Southern Company Limited LOCATION N. H. Brown Run 4227 DATE Jan 6 19
 THIS IS 301st DAY ON THIS WELL

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked

DRILLER	<u>JAMES EAKER</u>	16
DERRICK	<u>MARSHALL</u>	16
MOTOR	<u>BOB</u>	16
FLOOR	<u>BOB</u>	16
FLOOR	<u>ALEX STEPHEN</u>	16
FIREMAN		
EXTRA		
INJURIES:		
FIRES:	<u>Over time - Running casing & mixing mud</u>	

12201

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT. DRILL STRING (1000 LBS.)	DRILL COLLARS NO. O.D. I.D. WGT.	FUEL GALS.	WATER BBLs.	COAL TONS.			
NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH CUT	CONDITION
MUD						AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE			
WEIGHT							1	<u>204</u>			
VISCOSITY							2	<u>208</u>			
GEL							3	<u>246</u>			
PUMPS							4	<u>299</u>			
NO. 1 PRESSURE MODEL							5	<u>130</u>			
LINER SIZE											
NO. 2 PRESSURE MODEL											
LINER SIZE											
W.L.	F.C.	pH	<u>Override Running casing mixing mud</u>								

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked

DRILLER	<u>ROBERT DAVIER</u>	10
DERRICK	<u>BOB</u>	10
MOTOR	<u>MIKE BERG</u>	10
FLOOR	<u>OWEN WHEATON</u>	10
FLOOR	<u>VICTOR KAKANK</u>	10
FIREMAN	<u>CHARLES MURKINSKY</u>	8
EXTRA		
INJURIES:	<u>O.T.</u>	
FIRES:	<u>Cementing casing</u>	

12201

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT. DRILL STRING (1000 LBS.)	DRILL COLLARS NO. O.D. I.D. WGT.	FUEL GALS.	WATER BBLs.	COAL TONS.			
NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH CUT	CONDITION
MUD						AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE			
WEIGHT							1	<u>212</u>			
VISCOSITY							2	<u>316</u>			
GEL							3	<u>254</u>			
PUMPS							4	<u>857</u>			
NO. 1 PRESSURE MODEL							5	<u>138</u>			
LINER SIZE											
NO. 2 PRESSURE MODEL											
LINER SIZE											
W.L.	F.C.	pH	<u>From pen from Katerelke. 1-2 load - 1220 Gals Diesel Fuel</u>								

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked

DRILLER	<u>Wm O'Hagan</u>	16
DERRICK	<u>Bob</u>	16
MOTOR	<u>Walt</u>	16
FLOOR	<u>Bob</u>	16
FLOOR	<u>John</u>	16
FIREMAN		
EXTRA		
INJURIES:		
FIRES:		

12201

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT. DRILL STRING (1000 LBS.)	DRILL COLLARS NO. O.D. I.D. WGT.	FUEL GALS.	WATER BBLs.	COAL TONS.			
NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH CUT	CONDITION
MUD						AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE			
WEIGHT							1	<u>220</u>			
VISCOSITY							2	<u>324</u>			
GEL							3	<u>262</u>			
PUMPS							4	<u>865</u>			
NO. 1 PRESSURE MODEL							5	<u>146</u>			
LINER SIZE											
NO. 2 PRESSURE MODEL											
LINER SIZE											
W.L.	F.C.	pH	<u>5 men worked over running?</u>								

Torque Bar on Bit No. _____ D.P. Caliper Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____

HODAK SAFETY FILM

DAILY DRILLING REPORT

CALGARY OFFICE

DAY WORK RECORD

THIS IS 301st DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HO

Boomer 4427 DATE Jan 6 19 64

DRILL COLLARS				FUEL	WATER	COAL	STANDS
O.D.	I.D.	WGT		GALS	BBLs	TONS	SINGLES
R.P.M.	FT. DRLD	FT. RMD	HRS	DEPTH OUT	CONDITION	D. COLLARS	OTHER FT
AT SURVEYS DEGREE				MOTOR HOURS	NEXT OIL CHANGE		
				1	204		
				2	308		
				3	396		
				4	499		
				5	130		
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP		

Boiler 8 hrs

Running Casing Mixing Mud

DRILL COLLARS				FUEL	WATER	COAL	STANDS
O.D.	I.D.	WGT		GALS	BBLs	TONS	SINGLES
R.P.M.	FT. DRLD	FT. RMD	HRS	DEPTH OUT	CONDITION	D. COLLARS	OTHER FT
AT SURVEYS DEGREE				MOTOR HOURS	NEXT OIL CHANGE		
				1	212		
				2	316		
				3	414		
				4	512		
				5	138		
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP		

run pm from Katerelke
- Load - 1230 Gals Diesel Fuel

DRILL COLLARS				FUEL	WATER	COAL	STANDS
O.D.	I.D.	WGT		GALS	BBLs	TONS	SINGLES
R.P.M.	FT. DRLD	FT. RMD	HRS	DEPTH OUT	CONDITION	D. COLLARS	OTHER FT
AT SURVEYS DEGREE				MOTOR HOURS	NEXT OIL CHANGE		
				1	220		
				2	324		
				3	422		
				4	525		
				5	146		
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP		

run worked over Running 7" Casing

REMARKS	TIME		
	START	STOP	INTERVAL
<u>Running 7" Casing</u>	<u>12:00</u>	<u>8:00</u>	<u>8</u>
<u>FILL UP FLOAT BEGAN OPERATING</u>			
<u>POORLY, BRABE CIRCULATION</u>			
<u>AT 10,500</u>			
<u>Run 7" CASING 43 FEET</u>			
<u>7" BAKER GUIDE SHOE 105'</u>			
<u>1 JOINT 7" P110 3218'</u>			
<u>7" BAKER MW'B" DIFF FILL COLLAR 225'</u>			
<u>22 JTS 7" P110 32" LTR SHOE</u>			
<u>69 JTS 7" N-80 32" LTR 221018</u>			
<u>69 " " " 29" " 229651</u>			
<u>44 " " " 25" " 158435</u>			
<u>42 " " " 23" " 192202</u>			
<u>26 " " " 29" " 97897</u>			
<u>70 " " " 22" " 227845</u>			

REMARKS	TIME		
	START	STOP	INTERVAL
<u>Running Casing</u>	<u>4:00</u>	<u>2:00</u>	<u>6</u>
<u>Circ - Casing Mud</u>	<u>2:00</u>	<u>3:00</u>	<u>1</u>
<u>Mixing Mud</u>	<u>3:00</u>	<u>4:00</u>	<u>1</u>
<u>TOTAL 12:148:74</u>			
<u>BELOW 12:00</u>			
<u>12:148:74</u>			

O-T. Cementing Casing
Carth w/ 3000 GAL WATER
MIXING & DISPLACING PRESSURE 2000 PSI @ 2500 RPM
BUMPED PLUG W/ HSTOPRIG @ 1:30 PM JAN 7/64
MIXING & DISPLACING TIME SHOWS 5 MIN

FLOAT HOLD OK

Boiler 8 HRS
Lowering Circulation Mud 400 8:00 4
Counting Casing and 8:00
Pumping Down Plug 12:00 4

From Pipe Rack _____

TOTAL CONTRACTOR TIME _____ HRS.

TOOL PUSHER P. J. [Signature]

TOTAL COMPANY TIME _____ HRS.

APPROVED BY [Signature]

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19__

Tour - Midnight - 8 a.m. Specify Actual Hours Worked _____ HRS		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STA			
DRILLER							NO	O D	I D	WGT	GALS	BBLS	TONS			
DERRICK		BITS		NO	SIZE	TYPE	SIZE	TS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
MOTOR		MUD		12 MN	2 A M	4 A M	6 A M	ADDITIVES			AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
FLOOR		WEIGHT														
FLOOR		VISCOSITY														
FIREMAN		GEL														
EXTRA		PUMPS		NO 1	PRES-SURE											
INJURIES:		MODEL		S P M												
FIRES:		LINER SIZE		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	TOT			
		NO 2		PRES-SURE												
		MODEL		S P M												
		LINER SIZE		GENERAL												
		W L	F C	pH												

Tour - 8 a.m. - 4 p.m. Specify Actual Hours Worked _____ HRS		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STA			
DRILLER							NO	O D	I D	WGT	GALS	BBLS	TONS			
DERRICK		BITS		NO	SIZE	TYPE	SIZE	JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
MOTOR		MUD		8 A M	10 A M	12 NOON	2 P M	ADDITIVES			AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
FLOOR		WEIGHT														
FLOOR		VISCOSITY														
FIREMAN		GEL														
EXTRA		PUMPS		NO 1	PRES-SURE											
INJURIES:		MODEL		S P M												
FIRES:		LINER SIZE		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	TOT			
		NO 2		PRES-SURE												
		MODEL		S P M												
		LINER SIZE		GENERAL												
		W L	F C	pH												

Tour - 4 p.m. - Midnight Specify Actual Hours Worked _____ HRS		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STA			
DRILLER							NO	O D	I D	WGT	GALS	BBLS	TONS			
DERRICK		BITS		NO	SIZE	TYPE	SIZE	JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
MOTOR		MUD		4 P M	6 P M	8 P M	10 P M	ADDITIVES			AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
FLOOR		WEIGHT														
FLOOR		VISCOSITY														
FIREMAN		GEL														
EXTRA		PUMPS		NO 1	PRES-SURE											
INJURIES:		MODEL		S P M												
FIRES:		LINER SIZE		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	TOT			
		NO 2		PRES-SURE												
		MODEL		S P M												
		LINER SIZE		GENERAL												
		W L	F C	pH												

Torque Ring on Bit No _____ D.P. Calipered Date _____ Results _____ From Pipe Rock _____
 B O P Test-Operated _____ Time _____ Results _____

CASCADE DRILLING

DAILY DRILLING REPORT

RIG No. 19 COMPANY Canada Southern LOCATION North Beaver Creek #1127 DATE Jan 5, 19
 THIS IS 300 DAY ON THIS WELL

Tour - Midnight - 8 a.m.
 Specify Actual Hours Worked
 DRILLER Ernest Tucker 8
 DERRICK Maurice Vachon 16
 MOTOR Ben Mcintosh 10
 FLOOR Charles Spiegel 8
 FLOOR Alex Stephen 8
 FIREMAN
 EXTRA
 INJURIES:
 FIRES: Over Time Hauling Casing & Running Casing

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT. DRILL STRING (1000 LBS.)	DRILL COLLARS NO. O.D. I.D. WGT.	FUEL GALS.	WATER BBL'S.	COAL TONS.	START			
12201				956	23 24 24 58 187320				125			
BITS	NO. 1	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RND.	HRS.	DEPTH OUT	CONDITION
	1	2 1/2	5/8" PHW	Go	60367							
MUD	WEIGHT	12 M	10 A.M.	12 NOON	2 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE			
		128	150	148		Baird 128 5XS		1 130				
	VISCOSITY											
	GEL											
PUMPS	NO. 1	PRES. SURE										
	1	900/200										
	MODEL	S.P.M.										
	1	35										
	2	51										
	NO. 2	PRES. SURE										
	2	50										
	MODEL	S.P.M.										
	2											
	NO. 3	PRES. SURE										
	3											
	MODEL	S.P.M.										
	3											
	NO. 4	PRES. SURE										
	4											
	MODEL	S.P.M.										
	4											
	NO. 5	PRES. SURE										
	5											
	MODEL	S.P.M.										
	5											
GENERAL	Boiler & his											
W.L.	1.6	F.C.	32	PH.	92	Overtime Hauling Casing From Airtel						

Tour - 8 a.m. - 4 p.m.
 Specify Actual Hours Worked
 DRILLER Regent Oliver 16
 DERRICK Ben Carey 16
 MOTOR Mike Berg 16
 FLOOR Owen Warden 16
 FLOOR Victor Zakaruk 16
 FIREMAN Charles Nowelosky 8
 EXTRA
 INJURIES: N.I.
 FIRES: N.I.

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT. DRILL STRING (1000 LBS.)	DRILL COLLARS NO. O.D. I.D. WGT.	FUEL GALS.	WATER BBL'S.	COAL TONS.	START			
12201												
BITS	NO. 1	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RND.	HRS.	DEPTH OUT	CONDITION
MUD	WEIGHT	8 A.M.	10 A.M.	12 NOON	2 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE			
								1 188				
	VISCOSITY											
	GEL											
PUMPS	NO. 1	PRES. SURE										
	1											
	MODEL	S.P.M.										
	1											
	NO. 2	PRES. SURE										
	2											
	MODEL	S.P.M.										
	2											
	NO. 3	PRES. SURE										
	3											
	MODEL	S.P.M.										
	3											
	NO. 4	PRES. SURE										
	4											
	MODEL	S.P.M.										
	4											
	NO. 5	PRES. SURE										
	5											
	MODEL	S.P.M.										
	5											
GENERAL	Start 7" casing run - Thread lock - 12 joints											
W.L.		F.C.		PH.		8 HRS STAYED OVER T. RUN CASING						

Tour - 4 p.m. - Midnight
 Specify Actual Hours Worked
 DRILLER Wm O'Hagan 8
 DERRICK John Harder 8
 MOTOR Walt Ruanak 8
 FLOOR Ben Gross 8
 FLOOR John Whallow 8
 FIREMAN
 EXTRA
 INJURIES: N.I.
 FIRES: N.I.

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT. DRILL STRING (1000 LBS.)	DRILL COLLARS NO. O.D. I.D. WGT.	FUEL GALS.	WATER BBL'S.	COAL TONS.	START			
12201												
BITS	NO. 1	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RND.	HRS.	DEPTH OUT	CONDITION
MUD	WEIGHT	4 P.M.	6 P.M.	8 P.M.	10 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE			
								1				
	VISCOSITY											
	GEL											
PUMPS	NO. 1	PRES. SURE										
	1											
	MODEL	S.P.M.										
	1											
	NO. 2	PRES. SURE										
	2											
	MODEL	S.P.M.										
	2											
	NO. 3	PRES. SURE										
	3											
	MODEL	S.P.M.										
	3											
	NO. 4	PRES. SURE										
	4											
	MODEL	S.P.M.										
	4											
	NO. 5	PRES. SURE										
	5											
	MODEL	S.P.M.										
	5											
GENERAL	Boiler & his											
W.L.		F.C.		PH.								

Totco Ring on Bit No. _____ D.P. Calibrated Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CALGARY OFFICE

DAY WORK RECORD

THIS IS 300 DAY ON THIS WELL

NOTE - Please show FOOTAGE made while Control Drilling as well as HOURS

DATE Jan 5 19 64

WELL COLLARS		FUEL	WATER	COAL	STANDS
D	I.D.	WT	GALS	BLS	TONS
34	34	58	187320		125-11495.29
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION
D COLLARS		MOTOR HOURS		NEXT OIL CHANGE	
		1	130		
		2	284		
		3	222		
		4	285		
		5	106		
TOTAL		FEET LEFT ON SPOOL		NEXT SLIP	
					12201.00

Boiler 8 hrs

Hoist Hauling Casing From AIRSTRIP

WELL COLLARS		FUEL	WATER	COAL	STANDS
D	I.D.	WT	GALS	BLS	TONS
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION
D COLLARS		MOTOR HOURS		NEXT OIL CHANGE	
		1	188		
		2	292		
		3	230		
		4	833		
		5	114		
TOTAL		FEET LEFT ON SPOOL		NEXT SLIP	

Casing run - Thread lock - 1st 4 joints - 2nd 6 pm

STAYED OVER TO RUN CASING 9-01

WELL COLLARS		FUEL	WATER	COAL	STANDS
D	I.D.	WT	GALS	BLS	TONS
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION
D COLLARS		MOTOR HOURS		NEXT OIL CHANGE	
		1			
		2			
		3			
		4			
		5			
TOTAL		FEET LEFT ON SPOOL		NEXT SLIP	

Boiler 8 hrs

REMARKS	START	STOP	INTERVAL
Case & Condition Met to Run Casing	12:00		4:00 4
Hoist to Run Casing	4:00		8:00 4
BREAK ALL JOINTS			
Hoist 1100 - BREAK AT ALL JOINTS	8:00	10:00	2:00
Hoist down 80's	10:00	12:00	1:00
BREAK DOWN & PREPARE TO RUN 7" CASING	12:00		
Running Casing	2:00	4:00	2:00 2
Running 7" Casing	4:00	12:00	8:00 8

From Pipe Rack

TOTAL CONTRACTOR TIME _____ HRS

TOOLPUSHER

TOTAL COMPANY TIME _____ HRS

APPROVED BY

[Signature]

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No.	COMPANY	LOCATION	DATE	19
Tour - Midnight - 8 a.m.				
Specify Actual Hours Worked				
DRILLER				
DERRICK				
MOTOR				
FLOOR				
FLOOR				
FIREMAN				
EXTRA				
INJURIES:				
FIRES:				
Tour - 8 a.m. - 4 p.m.				
Specify Actual Hours Worked				
DRILLER				
DERRICK				
MOTOR				
FLOOR				
FLOOR				
FLOOR				
FIREMAN				
EXTRA				
INJURIES:				
FIRES:				
Tour - 4 p.m. - Midnight				
Specify Actual Hours Worked				
DRILLER				
DERRICK				
MOTOR				
FLOOR				
FLOOR				
FLOOR				
FIREMAN				
EXTRA				
INJURIES:				
FIRES:				

Totco Ring on Bit No _____ DP Calipered Date _____ Results _____ From Pipe Rack _____
 BOP Test Operated _____ Time _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 299 DAY ON THIS WELL

RIG No. 19 COMPANY Canada Southern LOCATION North Beaver River #1127 DATE Jan 4 19

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked: _____ HRS

DRILLER: Ernest Parker 8

DERRICK: Maurice Vachon 8

MOTOR: Ben McIntosh 8

FLOOR: Gordon Stickish 16

FLOOR: Alex Stephen 16

FIRES: N.I.

Over Time Hauling Mud & Undoing Plans

Tour - 8 a.m. - 4 p.m.

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS NO.	O.D.	I.D.	WGT	FUEL GALS	WATER BBLs	COAL TONS
12201				256	13	6 3/4	2 3/4	58	1864	71	

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD.	FT RMD.	HRS	DEPTH OUT	CONDITION
B	2 1/2	8 3/8 YHW	5/16	005617							

MUD WEIGHT	12 MN	2 AM	4 AM	6 AM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
118	188	121	121		Fiber Segh - 80 SKS		132	
					Martex 20 SKS		260	
					Baroid 17000		206	
					Caustic 200		791	
					Dextaid 400		92	

NO. 1	PRE-SURE	MODEL	S.P.M.	LINER SIZE	NO. 2	PRE-SURE	MODEL	S.P.M.	LINER SIZE
230	23	C	23	5 1/2					

GENERAL: Baroid 8 lbs, 140 SKS - Baroid from Pan Am Retain

W.L. 1.7-2.1 F.C. 3/32 PH. 9.5

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked: _____ HRS

DRILLER: Robert Oliver 12

DERRICK: Ron Coffey 12

MOTOR: Mike Berg 12

FLOOR: Owen Whalen 12

FLOOR: Victor Zakaruk 12

FIRES: Charles Nowlesky 9

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS NO.	O.D.	I.D.	WGT	FUEL GALS	WATER BBLs	COAL TONS
12201				256	13	6 3/4	2 3/4	58			

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD.	FT RMD.	HRS	DEPTH OUT	CONDITION
B	2 1/2	8 3/8 YHW	5/16	005617							

MUD WEIGHT	8 AM	10 AM	12 NOON	2 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
					200 CAUSTIC		164	
					15000 BROXIN		267	
					6000 GEL		206	
					25000 BAROID 200 CARBONOX		799	
					600 DEXTAID 200X ALMOND MUSKS		90	

NO. 1	PRE-SURE	MODEL	S.P.M.	LINER SIZE	NO. 2	PRE-SURE	MODEL	S.P.M.	LINER SIZE
114	10								

GENERAL: FIBRETEX 10 SAX, Plug-IT 10 SAX 4 HRS, 1 MAN 1 HRS

W.L. F.C. PH. 4 HRS UNREAL Raising Casing PHASE 1

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked: _____ HRS

DRILLER: Wm O'Hagan 8

DERRICK: Jack Hudson 8

MOTOR: Walt Brunant 8

FLOOR: Ron Brown 8

FLOOR: John Washkew 8

FIRES: _____

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS NO.	O.D.	I.D.	WGT	FUEL GALS	WATER BBLs	COAL TONS
12201				256	13	6 3/4	2 3/4	58			

NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD.	FT RMD.	HRS	DEPTH OUT	CONDITION
B	2 1/2	8 3/8 YHW	5/16	005617							

MUD WEIGHT	4 P.M.	6 P.M.	8 P.M.	10 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
12.2	10.6	9.2	9.6		Baroid - 12500		172	
					Carbonox - 300		276	
					RBROXIN - 600		214	
							807	
							43	

NO. 1	PRE-SURE	MODEL	S.P.M.	LINER SIZE	NO. 2	PRE-SURE	MODEL	S.P.M.	LINER SIZE
250	5 1/2								

GENERAL: _____

W.L. 1.6 F.C. 3/32 PH. 9.5

Baroid Plus

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rock _____

B.O.P. Test-Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CALGARY OFFICE

DAY WORK RECORD

THIS IS 299 DAY ON THIS WELL

NOTE - Please show FOOTAGE made while Control Drilling as well as HOURS

COVERED 4/1/64 DATE Jan 4 1964

DRILL COLLARS			FUEL		WATER		COAL		STANDS	
D.D.	I.D.	WGT	GALS		BBL'S		TONS		SINGLES	
34	23	58	1864		71				11495-29	
FT DRLD			FT RMD		HRS		DEPTH OUT		CONDITION	
									D COLLARS	
									OTHER FT	
									C.B. FT	
									SUBS. FT	
									FT. UP ON KELLY	
									TOTAL	
									11201.00	
TON MILES			TOTAL MILES		SLIP		FEET OR CUT		FEET LEFT ON SPOOL	
									NEXT SLIP	

REMARKS
 Air & Condition Mud
 Loosing Back to 1
 H: 8:00
 8

Boiler & hrs
 25 - Baroid from Paul Am Kotarski

DRILL COLLARS			FUEL		WATER		COAL		STANDS	
D.D.	I.D.	WGT	GALS		BBL'S		TONS		SINGLES	
42	45	8m							11495-29	
FT DRLD			FT RMD		HRS		DEPTH OUT		CONDITION	
									D COLLARS	
									OTHER FT	
									C.B. FT	
									SUBS. FT	
									FT. UP ON KELLY	
									TOTAL	
									12201.00	
TON MILES			TOTAL MILES		SLIP		FEET OR CUT		FEET LEFT ON SPOOL	
									NEXT SLIP	

Loosing Circ - COND. MUD 8:00
 230 SITS W/ BAROID
 FROM PAUL AM KOTARSKI

x 10 SAX
 10 SAX 4 HRS 1 ADD UNLOADING
 Running casing PHASE 2 AIR STRIP. BOILER & HRS.

DRILL COLLARS			FUEL		WATER		COAL		STANDS	
D.D.	I.D.	WGT	GALS		BBL'S		TONS		SINGLES	
34	23	58					123		11495-29	
FT DRLD			FT RMD		HRS		DEPTH OUT		CONDITION	
									D COLLARS	
									OTHER FT	
									C.B. FT	
									SUBS. FT	
									FT. UP ON KELLY	
									TOTAL	
									12201.00	
TON MILES			TOTAL MILES		SLIP		FEET OR CUT		FEET LEFT ON SPOOL	
									NEXT SLIP	

Loosing Circ COND MUD 4:00
 HIND RE CASING MUD 12:00
 250 SITS Baroid From
 Paul Am Kotarski

Boiler & hrs

From Pipe Rack _____ TOTAL CONTRACTOR TIME _____ HRS. TOOL PUSHED _____
 TOTAL COMPANY TIME _____ HRS. APPROVED BY: _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19 _____

Tour - Midnight - 8 a.m.
Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN
					NO.	O.D.	I.D.	WGT	GALS	BBL'S	TONS
DRILLER											
DERRICK											
MOTOR											
FLOOR											
FLOOR											
FLOOR											
FIREMAN											
EXTRA											
INJURIES:											
FIRES:											

Tour - 8 a.m. - 4 p.m.
Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN
					NO.	O.D.	I.D.	WGT	GALS	BBL'S	TONS
DRILLER											
DERRICK											
MOTOR											
FLOOR											
FLOOR											
FLOOR											
FIREMAN											
EXTRA											
INJURIES:											
FIRES:											

Tour - 4 p.m. - Midnight
Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN
					NO.	O.D.	I.D.	WGT	GALS	BBL'S	TONS
DRILLER											
DERRICK											
MOTOR											
FLOOR											
FLOOR											
FLOOR											
FIREMAN											
EXTRA											
INJURIES:											
FIRES:											

Totco Ring on Bit No _____

DP Calipered Date _____

Results _____

From Pipe Rack _____

BOP Test-Operated _____

Time _____

Results _____

CASCADE DRILLING

DAILY DRILLING REPORT

RIG No. 19 COMPANY Canada Southern LOCATION North BEAVER Run #127 DATE JAN 3 1947

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked _____ HRS.

DRILLER James Parker 12201

DERRICK Maurice Vachon

MOTOR Ben / M. G. / G. / S.

FLOOR Ernest Stichel

FLOOR Alex Stepan

FIREMAN _____

EXTRA _____

INJURIES: N.H.

FIRES: _____

WT DRILL STRING (1000 LBS.) 256

DRILL COLLARS NO. 22 O.D. 3 3/4 I.D. 2 3/4 WGT. 58

FUEL GALS. _____ WATER _____ COAL _____

NO. 216 SIZE 8 3/4 TYPE PHW SERIAL NO. 005617

MUD WEIGHT 13.5 VISCOSITY 128 GEL _____

AT SURVEYS DEGREE _____ MOTOR HOURS _____

NO. 1 PRES. SURE 900 MODEL _____ LINER SIZE 5 1/2

NO. 2 PRES. SURE _____ MODEL _____ LINER SIZE _____

GENERAL Boiler 8 hrs

W.L. 1.8 F.C. 3/2 PH 9.3

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked _____ HRS.

DRILLER Robert Driver 12201

DERRICK Ken Carey

MOTOR Mike Berg

FLOOR Owen Whelan

FLOOR Victor Zakaruk

FIREMAN Charles Novalesky

EXTRA _____

INJURIES: _____

FIRES: _____

WT DRILL STRING (1000 LBS.) 256M

DRILL COLLARS NO. 23 O.D. 6 3/4 I.D. 2 3/4 WGT. 58M

FUEL GALS. _____ WATER _____ COAL _____

NO. 216 SIZE 8 3/4 TYPE PHW SERIAL NO. 005617

MUD WEIGHT 13.5 VISCOSITY 128 GEL _____

AT SURVEYS DEGREE _____ MOTOR HOURS _____

NO. 1 PRES. SURE _____ MODEL _____ LINER SIZE _____

NO. 2 PRES. SURE _____ MODEL _____ LINER SIZE _____

GENERAL 2 MEN 2 HRS UNLOADING CASING AT AIR STRIP

W.L. 1.05 F.C. 2/32 PH 9.5

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked _____ HRS.

DRILLER Wm. O'Hagan 12201

DERRICK John Hadden

MOTOR Walt Rusnak

FLOOR Stan Shoss

FLOOR John Wisblow

FIREMAN _____

EXTRA _____

INJURIES: _____

FIRES: _____

WT DRILL STRING (1000 LBS.) 256M

DRILL COLLARS NO. 23 O.D. 6 3/4 I.D. 2 3/4 WGT. 58

FUEL GALS. _____ WATER _____ COAL 125

NO. 216 SIZE 8 3/4 TYPE PHW SERIAL NO. 005617

MUD WEIGHT 13.5 VISCOSITY 128 GEL _____

AT SURVEYS DEGREE _____ MOTOR HOURS _____

NO. 1 PRES. SURE _____ MODEL _____ LINER SIZE 5 1/2

NO. 2 PRES. SURE _____ MODEL _____ LINER SIZE 5 1/2

GENERAL Boiler 8 hrs

W.L. 1.4 F.C. 3/32 PH 9.8

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____

B.O.P. Test-Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CALGARY OFFICE

DAY WORK RECORD

THIS IS 24th DAY ON THIS WELL

NOTE - Please show FOOTAGE made while Control Drilling as well as HOURS

BEAVER CREEK DATE JAN 3 1964

DRILL COLLARS			FUEL	WATER	COAL	STANDS
DD	ID	WGT	GALS	BBL'S	TONS	SINGLES
3/4	2 3/4	58	185	747		125-1149529
PT DRLD			PT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
			1	148		
			2	252		
			3	193		
			4	193		
			5	194		
D COLLARS			OTHER FT			
23-66358						
C.B. FT			SUBS FT			
PT UP ON KELLY			TOTAL			
			12101			
TON MILES		TOTAL MILES	SLIP	FEET ON CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	START	TIME	INTERVAL
Oil & Wait On Casing	12:00	8:28	8

Boiler 8 hrs

DRILL COLLARS			FUEL	WATER	COAL	STANDS
DD	ID	WGT	GALS	BBL'S	TONS	SINGLES
3/4	2 3/4	58 m				125-1149529
PT DRLD			PT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
			1	186		
			2	250		
			3	206		
			4	191		
			5	82		
D COLLARS			OTHER FT			
23-66358						
C.B. FT			SUBS FT			
PT UP ON KELLY			TOTAL			
			2201.00			
TON MILES		TOTAL MILES	SLIP	FEET ON CUT	FEET LEFT ON SPOOL	NEXT SLIP
		162775				

REMARKS	START	TIME	INTERVAL
Circ & Wait On Casing	8:00	4:00	8

25 UNLOADING CASING AT STRIP

DRILL COLLARS			FUEL	WATER	COAL	STANDS
DD	ID	WGT	GALS	BBL'S	TONS	SINGLES
3/4	2 3/4	58				125-1149529
PT DRLD			PT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
			1	164		
			2	265		
			3	214		
			4	299		
			5	100		
D COLLARS			OTHER FT			
23-663-58						
C.B. FT			SUBS FT			
PT UP ON KELLY			TOTAL			
			16241.00			
TON MILES		TOTAL MILES	SLIP	FEET ON CUT	FEET LEFT ON SPOOL	NEXT SLIP
		162775	32			

REMARKS	START	TIME	INTERVAL
Circ wait on casing	4:00	8:30	4 1/2
Blow Kelly and Slip	8:30		
30' 2" full line	9:00		1/2
Ran on	9:00	10:15	1 1/4
Clear to Bottom and	11:15		
Circ wait on casing	12:00		3/4

Boiler 8 hrs

From Pipe Rack _____ TOTAL CONTRACTOR TIME _____ HRS. TOOLPUSHER P. J. Peterson

_____ TOTAL COMPANY TIME _____ HRS. APPROVED BY [Signature]

DAILY DRILLING REPORT

CONTRACTOR'S BOARD

DAY WORK RECORD

THIS IS 2 DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE 19 11

ALL COLLARS		FUEL	WATER	COAL	STANDS
D	I.D	WGT	GALS	BBLs	TONS
					SINGLES
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS
					OTHER FT
					CB FT
		AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	SUBS FT
			1		
			2		
			3		FT UP ON KELLY
			4		TOTAL
			5		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL
					NEXT SLIP

REMARKS	TIME	
	START	STOP
		INTERVAL

3000 ft

ALL COLLARS		FUEL	WATER	COAL	STANDS
D	I.D	WGT	GALS	BBLs	TONS
					SINGLES
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS
					OTHER FT
					CB FT
		AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	SUBS FT
			1		
			2		
			3		FT UP ON KELLY
			4		TOTAL
			5		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL
					NEXT SLIP

REMARKS	TIME	
	START	STOP
		INTERVAL

ALL COLLARS		FUEL	WATER	COAL	STANDS
D	I.D	WGT	GALS	BBLs	TONS
					SINGLES
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS
					OTHER FT
					CB FT
		AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	SUBS FT
			1		
			2		
			3		FT UP ON KELLY
			4		TOTAL
			5		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL
					NEXT SLIP

REMARKS	TIME	
	START	STOP
		INTERVAL

From Pipe Rack

TOTAL CONTRACTOR TIME

HRS

TOOLPUSHER

TOTAL COMPANY TIME

HRS

APPROVED BY

CASCADE DRILLING

DAILY DRILLING REPORT

RIG No. 19 COMPANY Cascade Southern Company Limited LOCATION North Beaver River #157 DATE Feb 2 1964 THIS IS 297 DAY ON THIS WELL

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked: 8 HRS

DRILLER: Forrest Taylor 8
 DERRICK: Maurice Upton 8
 MOTOR: Ben M. [unclear] 8
 FLOOR: Carson Stuck 8
 FLOOR: Alex Stephen 8
 FIREMAN: _____
 EXTRA: _____
 INJURIES: Nil
 FIRES: _____

FROM FOOTAGE TO HRS ON BOTTOM WT DRILL STRING (1000 LBS.) DRILL COLLARS FUEL WATER COAL

NO. O.D. I.D. WGT GALS BBLs TONS

22201 256 23 2 1/4 58 184999

BIT NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT R.P.M. FT DRLD FT RMD HRS DEPTH OUT CONDITION

216 8 3/8 4 HW 9/16 005617

MUD WEIGHT 11.4 11.4 12.7 13.1 ADDITIVES: Baroid 215 Gals
 VISCOSITY 180 138 Cashbox 250

GEL

PUMP NO. 1 PRES-SURE 1000 ✓ ✓ ✓
 MODEL S.P.M. 41 ✓ ✓ ✓
 LINER SIZE 5 1/2 ✓ ✓ ✓
 NO. 2 PRES-SURE _____
 MODEL S.P.M. _____
 LINER SIZE 5 1/2

GENERAL

W.L. 1.5 F.C. 3/32 PH. 9.5 Boiler & his changed O.T. in Air Compressor

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked: 8 HRS

DRILLER: Roger [unclear] 8
 DERRICK: Ron Carey 8
 MOTOR: Mike Berg 8
 FLOOR: Owen [unclear] 8
 FLOOR: Victor [unclear] 8
 FIREMAN: Charles [unclear] 8
 EXTRA: _____
 INJURIES: _____
 FIRES: _____

FROM FOOTAGE TO HRS ON BOTTOM WT DRILL STRING (1000 LBS.) DRILL COLLARS FUEL WATER COAL

NO. O.D. I.D. WGT GALS BBLs TONS

22201 256 23 2 1/4 58 184999

BIT NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT R.P.M. FT DRLD FT RMD HRS DEPTH OUT CONDITION

216 8 3/8 4 HW 9/16 005617

MUD WEIGHT 12.1 13.1
 VISCOSITY 14.8 11.4

GEL

PUMP NO. 1 PRES-SURE 900
 MODEL S.P.M. 41
 LINER SIZE 5 1/2
 NO. 2 PRES-SURE 114
 MODEL S.P.M. 10
 LINER SIZE 5 1/2

GENERAL

W.L. 1.3 F.C. 3/32 PH. 9.5 Boiler & his

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked: 8 HRS

DRILLER: Wm. O'Hagan 8
 DERRICK: John [unclear] 8
 MOTOR: Walt [unclear] 8
 FLOOR: Tom [unclear] 8
 FLOOR: John [unclear] 8
 FIREMAN: _____
 EXTRA: _____
 INJURIES: Nil
 FIRES: _____

FROM FOOTAGE TO HRS ON BOTTOM WT DRILL STRING (1000 LBS.) DRILL COLLARS FUEL WATER COAL

NO. O.D. I.D. WGT GALS BBLs TONS

22201 256 23 2 3/4 58

BIT NO. SIZE TYPE SIZE JETS SERIAL NO. WEIGHT R.P.M. FT DRLD FT RMD HRS DEPTH OUT CONDITION

216 8 3/8 4 HW 9/16 005617

MUD WEIGHT 13.1 13.2 13.1 13.1
 VISCOSITY 130 128 126 126

GEL

PUMP NO. 1 PRES-SURE 900 ✓ ✓ ✓
 MODEL S.P.M. 41 ✓ ✓ ✓
 LINER SIZE 5 1/2 ✓ ✓ ✓
 NO. 2 PRES-SURE 114
 MODEL S.P.M. 10
 LINER SIZE 5 1/2

GENERAL

W.L. 1.5 F.C. 3/32 PH. 9.5 Boiler & his

Totco Ring on Bit No. 5 D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 29th DAY ON THIS WELL

RIG No. 19 COMPANY *North American* LOCATION *North American* DATE *Jan 2 19*

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA			
Specify Actual Hours Worked							NO	O D	I D	WGT	GALS	BBLs	TONS			
DRILLER		BITS											D C			
DERRICK		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	OTH		
MOTOR		PUMPS											C B			
FLOOR		MUD					ADDITIVES					AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	SUB	
FLOOR		WEIGHT	12 MN	2 AM	4 AM	6 AM						1	134			
FLOOR		VISCOSITY											2	223		
FIREMAN		GEL											FT KEU			
EXTRA		NO 1 PRES-SURE											4	124		
INJURIES:		MODEL S P M											5	754		
FIRES:		LINER SIZE											FEET OR CUT	FEET LEFT ON SPOOL	TOT	
		NO 2 PRES-SURE											GENERAL			
		MODEL S P M											Barlen 3 hrs			
		LINER SIZE														
		W.L. 1.5 F.C. 200 H. 98														

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA			
Specify Actual Hours Worked							NO	O D	I D	WGT	GALS	BBLs	TONS			
DRILLER		BITS											D C			
DERRICK		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	OTH		
MOTOR		PUMPS											C B			
FLOOR		MUD					ADDITIVES					AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	SUB	
FLOOR		WEIGHT	8 A.M.	10 A.M.	12 NOON	2 P.M.						1				
FLOOR		VISCOSITY											2			
FIREMAN		GEL											FT KEU			
EXTRA		NO 1 PRES-SURE											4			
INJURIES:		MODEL S P M											5			
FIRES:		LINER SIZE											FEET OR CUT	FEET LEFT ON SPOOL	TOT	
		NO 2 PRES-SURE											GENERAL			
		MODEL S P M														
		LINER SIZE														
		W L F C PH														

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA			
Specify Actual Hours Worked							NO	O D	I D	WGT	GALS	BBLs	TONS			
DRILLER		BITS											D C			
DERRICK		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	OTH		
MOTOR		PUMPS											C B			
FLOOR		MUD					ADDITIVES					AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	SUB	
FLOOR		WEIGHT	4 P.M.	5 P.M.	8 P.M.	10 P.M.						1				
FLOOR		VISCOSITY											2			
FIREMAN		GEL											FT KEU			
EXTRA		NO 1 PRES-SURE											4			
INJURIES:		MODEL S P M											5			
FIRES:		LINER SIZE											FEET OR CUT	FEET LEFT ON SPOOL	TOT	
		NO 2 PRES-SURE											GENERAL			
		MODEL S P M														
		LINER SIZE														
		W L F C PH														

Totco Ring on Bit No _____ D.P. Calipered Date _____ Results _____ From Pipe Rock _____
 B.O.P. Test Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 29th DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE Jan 2 19 63

DRILL COLLARS		FUEL	WATER	COAL	STANDS
D	I D	WGT	GALS	BBLs	TONS
					SINGLES
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS
					OTHER FT
					CB FT
					SUBS FT
					FT UP ON KELLY
					TOTAL
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP

113.50
11201.00

*Broken this
at bit on Air Compressor*

DRILL COLLARS		FUEL	WATER	COAL	STANDS
D	I D	WGT	GALS	BBLs	TONS
					SINGLES
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS
					OTHER FT
					CB FT
					SUBS FT
					FT UP ON KELLY
					TOTAL
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP

DRILL COLLARS		FUEL	WATER	COAL	STANDS
D	I D	WGT	GALS	BBLs	TONS
					SINGLES
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS
					OTHER FT
					CB FT
					SUBS FT
					FT UP ON KELLY
					TOTAL
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME	
	START	STOP
<i>Run of Control Drilling</i>	<i>11:20</i>	<i>11:30</i>
<i>11:30 bit on Air Compressor</i>	<i>11:30</i>	<i>11:45</i>

From Pipe Rack

TOTAL CONTRACTOR TIME

HRS TOOLPUSHER

TOTAL COMPANY TIME

HRS APPROVED BY

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS THE _____ DAY ON THIS WELL

RIG No. 14 COMPANY _____ LOCATION 4 DATE _____ 19__

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	ST
Specify Actual Hours Worked							NO	O.D.	I.D.	WGT	GALS	BBLS	TONS
DRILLER		1221											
DERRICK		1221											
MOTOR		1221											
FLOOR		1221											
FLOOR		1221											
FLOOR		1221											
FIREMAN		1221											
EXTRA		1221											
INJURIES:		1221											
FIRES:		1221											

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	ST
Specify Actual Hours Worked							NO	O.D.	I.D.	WGT	GALS	BBLS	TONS
DRILLER		1221											
DERRICK		1221											
MOTOR		1221											
FLOOR		1221											
FLOOR		1221											
FLOOR		1221											
FIREMAN		1221											
EXTRA		1221											
INJURIES:		1221											
FIRES:		1221											

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	ST
Specify Actual Hours Worked							NO	O.D.	I.D.	WGT	GALS	BBLS	TONS
DRILLER		1221											
DERRICK		1221											
MOTOR		1221											
FLOOR		1221											
FLOOR		1221											
FLOOR		1221											
FIREMAN		1221											
EXTRA		1221											
INJURIES:		1221											
FIRES:		1221											

Torco Ring on Bit No _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

OPERATION 5-148D

DAY WORK RECORD

THIS IS 1 DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE Jan 15 1958

RILL COLLARS		FUEL	WATER	COAL	STANDS
D	I.D				TONS
		GALS	BBLs		SINGLES
FT. DRLO	FT. RMD	HRS.	DEPTH OUT	CONDITION	D COLLARS
					OTHER FT
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
		1			
		2			
		3			
		4			
		5			
TON MILES	TOTAL MILES	SLIP	FEET CUT OR	FEET LEFT ON SPOOL	NEXT SLIP

1970100

Boiler - hrs

REMARKS	TIME		
	START	STOP	INTERVAL
<u>11:00 - 11:15</u>	<u>11:00</u>	<u>11:15</u>	<u>15</u>
<u>Happy New Year</u>			

RILL COLLARS		FUEL	WATER	COAL	STANDS
D	I.D				TONS
		GALS	BBLs		SINGLES
FT. DRLO	FT. RMD	HRS.	DEPTH OUT	CONDITION	D COLLARS
					OTHER FT
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
		1			
		2			
		3			
		4			
		5			
TON MILES	TOTAL MILES	SLIP	FEET CUT OR	FEET LEFT ON SPOOL	NEXT SLIP

1320100

Boiler - hrs

REMARKS	TIME		
	START	STOP	INTERVAL
<u>11:15 - 11:30</u>	<u>11:15</u>	<u>11:30</u>	<u>15</u>
<u>9" IRC WAIT ON CASING</u>	<u>11:30</u>	<u>11:45</u>	<u>15</u>

RILL COLLARS		FUEL	WATER	COAL	STANDS
D	I.D				TONS
		GALS	BBLs		SINGLES
FT. DRLO	FT. RMD	HRS.	DEPTH OUT	CONDITION	D COLLARS
					OTHER FT
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
		1			
		2			
		3			
		4			
		5			
TON MILES	TOTAL MILES	SLIP	FEET CUT OR	FEET LEFT ON SPOOL	NEXT SLIP

1100100

Boiler - hrs

REMARKS	TIME		
	START	STOP	INTERVAL
<u>11:45 - 12:00</u>	<u>11:45</u>	<u>12:00</u>	<u>15</u>
<u>Wait on casing</u>	<u>12:00</u>	<u>12:15</u>	<u>15</u>

From Pipe Rack

TOTAL CONTRACTOR TIME

HRS

TOOLPUSHER

TOTAL COMPANY TIME

HRS

APPROVED BY

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 29TH DAY ON THIS WELL

RIG No. 17 COMPANY Cascade Drilling Co. Ltd. LOCATION North River Pt. 44127 DATE Dec 31 19

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL	STAIR
Specify Actual Hours Worked		HRS					NO	OD	ID	WGT	GALS	BBLs	TONS	SING
DRILLER	<u>Ernest Jackson</u>	<u>8</u>	<u>12201</u>				<u>23</u>	<u>6 1/2</u>	<u>4 1/2</u>	<u>133</u>	<u>537</u>			
DERRICK	<u>Norman Vachon</u>	<u>8</u>	<u>216</u>	<u>8 1/2</u>	<u>9 1/2</u>									
MOTOR	<u>Ben McFarlane</u>	<u>8</u>												
FLOOR	<u>Baron Strickland</u>	<u>8</u>												
FLOOR			MUD											
FLOOR			12 MN	2 AM	4 AM	6 AM	ADDITIVES				AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	
FLOOR			WEIGHT	<u>118</u>	<u>138</u>	<u>131</u>	<u>1/2" 100 mesh</u>				1	<u>92</u>		
FLOOR			VISCOSITY				<u>138</u>				2	<u>16</u>		
FLOOR			GEL								3	<u>143</u>		
FLOOR			PUMPS											
FLOOR			NO 1	PRES SURE	<u>400</u>	<u>✓</u>								
FLOOR			MODEL	S P M	<u>41</u>	<u>✓</u>								
FLOOR			LINER SIZE	<u>3 1/2</u>	<u>✓</u>									
FLOOR			NO 2	PRES SURE										
FLOOR			MODEL	S P M										
FLOOR			LINER SIZE											
FLOOR			GENERAL											
FLOOR			<u>Baron 5' line</u>											
FLOOR			INJURIES:											
FLOOR			<u>N.L.</u>											
FLOOR			FIRES:											
FLOOR														

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL	STAIR
Specify Actual Hours Worked		HRS					NO	OD	ID	WGT	GALS	BBLs	TONS	SING
DRILLER	<u>Robert Devere</u>	<u>8</u>	<u>12201</u>				<u>23</u>	<u>6 1/2</u>	<u>4 1/2</u>	<u>133</u>	<u>537</u>			
DERRICK	<u>Tom Casey</u>	<u>8</u>	<u>216</u>	<u>8 1/2</u>	<u>9 1/2</u>									
MOTOR	<u>Mike Berg</u>	<u>8</u>												
FLOOR	<u>John Zemanick</u>	<u>8</u>												
FLOOR	<u>John Wrenn</u>	<u>8</u>	MUD											
FLOOR			8 AM	10 AM	12 NOON	2 PM	ADDITIVES				AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	
FLOOR			WEIGHT	<u>151</u>	<u>152</u>						1	<u>100</u>		
FLOOR			VISCOSITY	<u>134</u>	<u>134</u>						2	<u>200</u>		
FLOOR			GEL								3	<u>130</u>		
FLOOR			PUMPS											
FLOOR			NO 1	PRES SURE	<u>200</u>	<u>✓</u>								
FLOOR			MODEL	S P M	<u>200</u>	<u>✓</u>								
FLOOR			LINER SIZE	<u>3 1/2</u>	<u>✓</u>									
FLOOR			NO 2	PRES SURE										
FLOOR			MODEL	S P M										
FLOOR			LINER SIZE											
FLOOR			GENERAL											
FLOOR			<u>62,150</u>											
FLOOR			INJURIES:											
FLOOR			<u>0</u>											
FLOOR			FIRES:											
FLOOR														

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL	STAIR
Specify Actual Hours Worked		HRS					NO	OD	ID	WGT	GALS	BBLs	TONS	SING
DRILLER	<u>John O'Hara</u>	<u>8</u>	<u>12201</u>				<u>23</u>	<u>6 1/2</u>	<u>4 1/2</u>	<u>133</u>	<u>537</u>			
DERRICK	<u>John Hurd</u>	<u>8</u>	<u>216</u>	<u>8 1/2</u>	<u>9 1/2</u>									
MOTOR	<u>John Hurd</u>	<u>8</u>												
FLOOR	<u>John Hurd</u>	<u>8</u>												
FLOOR	<u>John Hurd</u>	<u>8</u>	MUD											
FLOOR			4 PM	6 PM	8 PM	10 PM	ADDITIVES				AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	
FLOOR			WEIGHT	<u>112</u>	<u>113</u>	<u>110</u>	<u>400 mesh</u>				1	<u>100</u>		
FLOOR			VISCOSITY	<u>111</u>	<u>110</u>		<u>110</u>				2	<u>200</u>		
FLOOR			GEL								3	<u>100</u>		
FLOOR			PUMPS											
FLOOR			NO 1	PRES SURE	<u>200</u>	<u>✓</u>								
FLOOR			MODEL	S P M	<u>200</u>	<u>✓</u>								
FLOOR			LINER SIZE	<u>3 1/2</u>	<u>✓</u>									
FLOOR			NO 2	PRES SURE										
FLOOR			MODEL	S P M										
FLOOR			LINER SIZE											
FLOOR			GENERAL											
FLOOR			<u>4</u>											
FLOOR			INJURIES:											
FLOOR														
FLOOR			FIRES:											
FLOOR														

Torco Ring on Bit No _____ DP Calipered Date _____ Results _____ From Pipe Rack _____
 B O P Test Operated _____ Time _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 174 DAY ON THIS WELL

RIG No. 19 COMPANY ... LOCATION N. 1/4 Sec. 10, T. 12N, R. 10E DATE June 30 19

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT. DRILL STRING (1000 LBS.)	DRILL COLLARS	FUEL	WATER	COAL			
NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION
12201	3 1/2	4 1/2	7	952	236	24	581		7		

MUD

12 MN	2 A.M.	4 A.M.	6 A.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
12.9	12.9	12.7	11.1	Borax - 1		68	
				Draft		172	
						113	
						703	
						218	

PUMPS

NO. 1	PRE-SURE	MODEL	S.P.M.	LINER SIZE	NO. 2	PRE-SURE	MODEL	S.P.M.	LINER SIZE

GENERAL

13. 1/2 in 5 hrs

W.L. 1.7 F.C. 4.5 P.H. 9.5 Questions Regarding Plans & Heat

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT. DRILL STRING (1000 LBS.)	DRILL COLLARS	FUEL	WATER	COAL			
NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION
12201	2 1/2	4 1/2	7	256	236	24	581				

MUD

8 A.M.	10 A.M.	12 NOON	2 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
15.1			13.1			76	
						123	
						166	
						711	
						2	

PUMPS

NO. 1	PRE-SURE	MODEL	S.P.M.	LINER SIZE	NO. 2	PRE-SURE	MODEL	S.P.M.	LINER SIZE

GENERAL

11. 308

W.L. 1.7 F.C. 4.5 P.H. 9.5

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT. DRILL STRING (1000 LBS.)	DRILL COLLARS	FUEL	WATER	COAL			
NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION
12201	2 1/2	4 1/2	7	256	236	24	581				

MUD

4 P.M.	6 P.M.	8 P.M.	10 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
13.1			13.2			144	
						123	
						117	
						117	
						117	

PUMPS

NO. 1	PRE-SURE	MODEL	S.P.M.	LINER SIZE	NO. 2	PRE-SURE	MODEL	S.P.M.	LINER SIZE

GENERAL

11. 308

W.L. 1.7 F.C. 4.5 P.H. 9.5

Totco Ring on Bit No _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test Operated _____ Time _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 24th DAY ON THIS WELL

RIG No. 14 COMPANY *...* LOCATION *North...* DATE *1/29/19*

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked: *7* HRS.

DRILLER	DERRICK	MOTOR	FLOOR	FLOOR	FLOOR	FIREMAN	EXTRA	INJURIES	FIRES
<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>N.I.L.</i>	

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL
					NO	O.D.	I.D.	WGT			
<i>11201</i>				<i>300</i>							

BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS	DEPTH OUT	CONDITION
	<i>B</i>	<i>1</i>	<i>3 1/2</i>	<i>...</i>		<i>...</i>						

MUD	12 MN	2 A.M.	4 A.M.	6 A.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							<i>1 44</i>	
VISCOSITY							<i>142</i>	
GEL							<i>94</i>	

PUMPS	NO 1	PRES. SURE	MODEL	S.P.M.	LINER SIZE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
	<i>P</i>	<i>1</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>							

W.L. *70* F.C. *...* pH. *9.2*

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked: *4* HRS.

DRILLER	DERRICK	MOTOR	FLOOR	FLOOR	FLOOR	FIREMAN	EXTRA	INJURIES	FIRES
<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>		

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL
					NO	O.D.	I.D.	WGT			
<i>11201</i>				<i>300</i>							

BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS	DEPTH OUT	CONDITION
	<i>B</i>	<i>1</i>	<i>3 1/2</i>	<i>...</i>		<i>...</i>						

MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							<i>58</i>	
VISCOSITY							<i>56</i>	
GEL							<i>12</i>	

PUMPS	NO 1	PRES. SURE	MODEL	S.P.M.	LINER SIZE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
	<i>P</i>	<i>1</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>							

W.L. *...* F.C. *...* pH. *...*

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked: *3* HRS.

DRILLER	DERRICK	MOTOR	FLOOR	FLOOR	FLOOR	FIREMAN	EXTRA	INJURIES	FIRES
<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>		

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL
					NO	O.D.	I.D.	WGT			
<i>11201</i>				<i>300</i>							

BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS	DEPTH OUT	CONDITION
	<i>B</i>	<i>1</i>	<i>3 1/2</i>	<i>...</i>		<i>...</i>						

MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							<i>13.4</i>	
VISCOSITY							<i>17.1</i>	
GEL							<i>...</i>	

PUMPS	NO 1	PRES. SURE	MODEL	S.P.M.	LINER SIZE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
	<i>P</i>	<i>1</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>							

W.L. *...* F.C. *...* pH. *...*

Totco Ring on Bit No _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 194 DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE Dec 29 1963

WELL COLLARS			FUEL	WATER	COAL	STANDS
D	I.D.	WGT.	GALS	BBLs	TONS	SINGLES
1						14-11495.29
FT. DRLD.			FT. RMD.	HRS.	DEPTH OUT	CONDITION
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
			1 44			
			2 142			
			3 178			
			4 228			
			5 284			
TON MILES			TOTAL MILES	SLIP	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
1. in & water in casing	12:00	7:00	7
1. in & water in casing	7:00	7:00	1

Boiler 5 hrs.

WELL COLLARS			FUEL	WATER	COAL	STANDS
D	I.D.	WGT.	GALS	BBLs	TONS	SINGLES
1						14-11495.29
FT. DRLD.			FT. RMD.	HRS.	DEPTH OUT	CONDITION
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
			1 52			
			2 156			
			3 178			
			4 228			
			5 284			
TON MILES			TOTAL MILES	SLIP	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
1. in & water in casing	7:00	8:00	1
1. in & water in casing	8:00	4:00	7

WELL COLLARS			FUEL	WATER	COAL	STANDS
D	I.D.	WGT.	GALS	BBLs	TONS	SINGLES
1						14-11495.29
FT. DRLD.			FT. RMD.	HRS.	DEPTH OUT	CONDITION
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
			1 52			
			2 156			
			3 178			
			4 228			
			5 284			
TON MILES			TOTAL MILES	SLIP	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
1. in & water in casing	7:00	12:00	8

From Pipe Rack TOTAL CONTRACTOR TIME HRS TOOLPUSHER 27

TOTAL COMPANY TIME HRS APPROVED BY

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 273RD DAY ON THIS WELL

RIG No. 17 COMPANY North Beaver River LOCATION North Beaver River 44-27 DATE Dec 28 1942

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked _____ HRS

DRILLER Ernest Parker ✓

DERRICK Maxine Vachon

MOTOR Bed Mcintosh

FLOOR Doc Macintosh

FLOOR Carson Strickland

FIREMAN _____

EXTRA _____

INJURIES: _____

FIRES: NIL

W.L. 1.1 F.C. 2.5 PH. 9.5

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL	WATER	COAL
				<u>156</u>	<u>18</u>	<u>18</u>	<u>18</u>	<u>58</u>	<u>19</u>	<u>22</u>	

BIT S

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
<u>3</u>	<u>4 1/2</u>	<u>YH</u>	<u>2/16</u>	<u>005617</u>							

MUD

12 MN	2 AM	4 AM	6 AM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
						<u>28</u>	
						<u>124</u>	
						<u>70</u>	
						<u>635</u>	
						<u>180</u>	

PUMPS

NO 1	MODEL	PRES SURE	SPM	LINER SIZE	NO 2	MODEL	PRES SURE	SPM	LINER SIZE

GENERAL Be late 3 hrs

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked _____ HRS

DRILLER Reggie Jones ✓

DERRICK Doc Macintosh

MOTOR Doc Macintosh

FLOOR Carson Strickland

FLOOR Victor Zimmerman

FIREMAN Charles Jackson ✓

EXTRA _____

INJURIES: _____

FIRES: _____

W.L. _____ F.C. _____ PH. _____

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL	WATER	COAL
				<u>22</u>	<u>22</u>	<u>18</u>	<u>18</u>	<u>58</u>	<u>19</u>	<u>22</u>	

BIT S

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
<u>3</u>	<u>4 1/2</u>	<u>YH</u>	<u>2/16</u>	<u>005617</u>							

MUD

8 AM	10 AM	12 NOON	2 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
						<u>28</u>	
						<u>122</u>	
						<u>74</u>	
						<u>635</u>	
						<u>180</u>	

PUMPS

NO 1	MODEL	PRES SURE	SPM	LINER SIZE	NO 2	MODEL	PRES SURE	SPM	LINER SIZE

GENERAL Be late 3 hrs

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked _____ HRS

DRILLER Wm J. Hays ✓

DERRICK Doc Macintosh

MOTOR Wm J. Hays

FLOOR Doc Macintosh

FLOOR Doc Macintosh

FIREMAN _____

EXTRA _____

INJURIES: _____

FIRES: _____

W.L. _____ F.C. _____ PH. _____

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL	WATER	COAL
				<u>22</u>	<u>22</u>	<u>18</u>	<u>18</u>	<u>58</u>	<u>19</u>	<u>22</u>	

BIT S

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
<u>3</u>	<u>4 1/2</u>	<u>YH</u>	<u>2/16</u>	<u>005617</u>							

MUD

4 PM	6 PM	8 PM	10 PM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
						<u>28</u>	
						<u>122</u>	
						<u>74</u>	
						<u>635</u>	
						<u>180</u>	

PUMPS

NO 1	MODEL	PRES SURE	SPM	LINER SIZE	NO 2	MODEL	PRES SURE	SPM	LINER SIZE

GENERAL Be late 3 hrs

Totco Ring on Bit No _____ DP Calipered Date _____ Results _____ From Pipe Rack _____

BOP Test Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

DAY WORK RECORD

THIS IS 273RD DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

Well Name: *Y-1-27* DATE: *Dec 18 19 63*

WELL COLLARS		FUEL	WATER	COAL	STANDS
D	I.D	WGT	GALS	BBLs	TONS
<i>3 1/2</i>	<i>5 7/8</i>	<i>19422</i>			<i>1149549</i>
FT DRLD	FT RMD	HRS	DEPTH	OUT	CONDITION

AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
	<i>15</i>	
	<i>124</i>	
	<i>70</i>	
	<i>655</i>	
	<i>180</i>	

TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP
					<i>124110</i>

REMARKS	TIME		
	START	STOP	INTERVAL
<i>Run in to 12140 ft</i>	<i>12:00</i>	<i>12:30</i>	<i>30 min</i>
<i>Corr - water on casing</i>	<i>12:30</i>	<i>1:00</i>	<i>30 min</i>
<i>Finish in to 12140 ft</i>	<i>1:00</i>	<i>1:30</i>	<i>30 min</i>

Balance 8 hrs

WELL COLLARS		FUEL	WATER	COAL	STANDS
D	I.D	WGT	GALS	BBLs	TONS
<i>4 3/4</i>	<i>5 7/8</i>	<i>19422</i>			<i>1149549</i>
FT DRLD	FT RMD	HRS	DEPTH	OUT	CONDITION

AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
	<i>29</i>	
	<i>132</i>	
	<i>78</i>	
	<i>663</i>	
	<i>244</i>	

TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP
<i>5.65</i>	<i>1.2308</i>				<i>124110</i>

REMARKS	TIME		
	START	STOP	INTERVAL
<i>Disturb out casing</i>	<i>4:00</i>	<i>4:00</i>	<i>1 WDP</i>
<i>Time out on casing</i>	<i>4:00</i>	<i>4:00</i>	<i>7 WDP</i>

WELL COLLARS		FUEL	WATER	COAL	STANDS
D	I.D	WGT	GALS	BBLs	TONS
<i>4 3/4</i>	<i>5 7/8</i>	<i>19422</i>			<i>1149549</i>
FT DRLD	FT RMD	HRS	DEPTH	OUT	CONDITION

AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
	<i>16</i>	
	<i>114</i>	
	<i>40</i>	
	<i>614</i>	
	<i>11</i>	

TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP
					<i>1149549</i>

REMARKS	TIME		
	START	STOP	INTERVAL
<i>Time out on casing</i>	<i>11:00</i>	<i>11:00</i>	<i>3 WDP</i>
<i>Time out on casing</i>	<i>11:00</i>	<i>11:00</i>	<i>1 WDP</i>

From Pipe Rack TOTAL CONTRACTOR TIME _____ HRS TOOLPUSHER _____
 TOTAL COMPANY TIME _____ HRS APPROVED BY _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 152nd DAY ON THIS WELL

RIG No. 17 COMPANY Cascade Southern LOCATION North E. Road 7. Y. T. 10 DATE D. 20 19

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN
Specify Actual Hours Worked							NO	OD	ID	WGT	GALS	BBL'S	TONS
DRILLER	W. L. Frank	12111	30	12151	40	230	23	36	17	17			
DERRICK	Take Dunder	213	8 3/8	YHW	3	22	26	58	9	92			
MOTOR	Marine Vachon												
FLOOR	Ken Gross												
FLOOR	Alex Stephen												
FLOOR													
FIREMAN													
EXTRA													
INJURIES:	N.L.												
FIRES:	N.L.												

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN
Specify Actual Hours Worked							NO	OD	ID	WGT	GALS	BBL'S	TONS
DRILLER	Ernest Parker	12131	18	12149	18	230	23	36	58				
DERRICK	Norm Colquhoun	213	8 3/8	YHW	3	22	26	58	45	42			
MOTOR	Red McLaughlin												
FLOOR	Don Fraguette												
FLOOR	Raymond Strickel												
FLOOR	Lowell Ray												
FIREMAN													
EXTRA													
INJURIES:	N.L.												
FIRES:	N.L.												

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN
Specify Actual Hours Worked							NO	OD	ID	WGT	GALS	BBL'S	TONS
DRILLER	Ken Claver	12109	0	12133	24	230	23	36	70				
DERRICK	Lowell Ray	213	10 1/4	YHW	3	22	26	58	70	70			
MOTOR	Marine Vachon												
FLOOR	Stan Brown												
FLOOR													
FLOOR													
FIREMAN													
EXTRA													
INJURIES:													
FIRES:													

Torco Ring on Bit No _____ DP Cal. red Date _____ Results _____ From Pipe Rank _____
 BOP Test-Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 285th DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE Dec 20 19 63

WELL COLLARS		FUEL	WATER	COAL	STANDS
D	I.D.	WGT	GALS	BBLs	TONS
2 1/2	5 1/2	17.431			1 - 11 1/2
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION
11			7 1/4	Running	
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
		1	6.96		
		2	7.33		
		3	7.11		
		4	4.22		
		5	1.04		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL

REMARKS	TIME		
	START	STOP	INTERVAL
Initial cleaning to bottom	12:00	12:30	1/2
Set Rig + B.P.	12:30	12:45	1/4
DRIG. 8 3/8" Hole.	12:45	8:00	7 1/4
D COLLARS			
OTHER FT			
C B FT			
SUBS FT			
FT UP ON KELLY			
TOTAL			
1213/00			

Boiler 8 hrs.

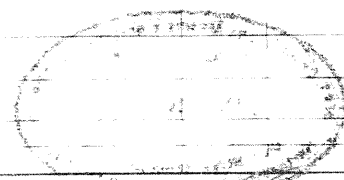
WELL COLLARS		FUEL	WATER	COAL	STANDS
D	I.D.	WGT	GALS	BBLs	TONS
2 1/2	5 1/2	58			24 - 11 1/2
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION
58			15	Run	
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
		1	6.54		
		2	7.40		
		3	7.19		
		4	4.97		
		5	1.12		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL

REMARKS	TIME		
	START	STOP	INTERVAL
Drilling 8 3/8" Hole	5:00	4:30	1/2
R-Test + B.P.	9:30	9:45	1/4
Drilling 8 3/8" Hole	7:45	4:00	6 1/4
D COLLARS			
OTHER FT			
C B FT			
SUBS FT			
FT UP ON KELLY			
TOTAL			
12149.00			

Boiler 3 hrs

WELL COLLARS		FUEL	WATER	COAL	STANDS
D	I.D.	WGT	GALS	BBLs	TONS
2 1/2	5 1/2	40			24 - 11 1/2
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION
40			4	2-2-1	
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
		1	6.62		
		2	7.18		
		3	7.17		
		4	5.12		
		5	1.20		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL

REMARKS	TIME		
	START	STOP	INTERVAL
Run 8 3/8" Hole	4:00	6:00	2
HOIST	6:00	6:00	0
DRIG. 8 3/8" Hole	6:00	6:00	0
D COLLARS			
OTHER FT			
C B FT			
SUBS FT			
FT UP ON KELLY			
TOTAL			
12150.00			



From Pipe Rock

TOTAL CONTRACTOR TIME _____ HRS

TOOLPUSHER _____

TOTAL COMPANY TIME _____ HRS

APPROVED BY _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 24 DAY ON THIS WELL

RIG No. 14 COMPANY LOCATION DATE 11-19-19

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAINING
Specify Actual Hours Worked							NO	O.D.	I.D.	WGT	GALS	BBLS	TONS
DRILLER	Walt Tom Huk 8	12187	11	1168	5	226	43 1/4	39	38				
DERRICK	Take Handle 8	BITS											
MOTOR	Massey Vardon 8	MUD											
FLOOR	Ed Gross 8	WEIGHT											
FLOOR	Alex St. John 8	VISCOSITY											
FIREMAN		GEL											
EXTRA		PUMPS											
INJURIES:	NIL	GENERAL											
FIRES:	NIL	W.L. 1.6 F.C. 3/2 PH. 10.											

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAINING
Specify Actual Hours Worked							NO	O.D.	I.D.	WGT	GALS	BBLS	TONS
DRILLER	Edward Parker 8	12106	5	1111	2	226	43 1/4	39	38				
DERRICK	Neave Colburn 8	BITS											
MOTOR	Bob Mcintosh 8	MUD											
FLOOR	Don Pagotto 8	WEIGHT											
FLOOR	Gordon Strickel 8	VISCOSITY											
FIREMAN		GEL											
EXTRA		PUMPS											
INJURIES:		GENERAL											
FIRES:		W.L. 1.6 F.C. 3/2 PH. 10.											

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAINING
Specify Actual Hours Worked							NO	O.D.	I.D.	WGT	GALS	BBLS	TONS
DRILLER	Walt Tom Huk 8	BITS											
DERRICK	Neave Colburn 8	MUD											
MOTOR	Massey Vardon 8	WEIGHT											
FLOOR	Ed Gross 8	VISCOSITY											
FLOOR	Alex St. John 8	GEL											
FIREMAN		PUMPS											
EXTRA		GENERAL											
INJURIES:		W.L. 1.6 F.C. 3/2 PH. 10.											
FIRES:													

Total Ring on Bit No. DP Calipered Date Results From Pipe Rack
 BOP Test Operated Time Results

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 18 1/2 DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE D. C. 1919 63

DRILL COLLARS		FUEL	WATER	COAL	STANDS
D.	I.D.	WGT.	GALS	BBLs	TONS
<u>3/4</u>	<u>1 1/2</u>	<u>58</u>	<u>122123</u>		<u>11403 27</u>
FT. DRLD		FT. RMD.	HRS.	DEPTH OUT	CONDITION
<u>262</u>			<u>8 1/4</u>	<u>Running</u>	<u>23-663.18</u>
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	D. COLLARS
		1 <u>622</u>			<u>23-663.18</u>
		2 <u>708</u>			OTHER FT
		3 <u>637</u>			<u>Remo 10.16</u>
		4 <u>955</u>			C.B. FT
		5 <u>90</u>			<u>6.18</u>
TON MILES		TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
					<u>1216.00</u>

REMARKS	TIME		
	START	STOP	INTERVAL
<u>Diamond 4216</u>	<u>12:00</u>	<u>8:00</u>	<u>8</u>

Boiler 8 hrs.

DRILL COLLARS		FUEL	WATER	COAL	STANDS
D.	I.D.	WGT.	GALS	BBLs	TONS
<u>3/4</u>	<u>1 1/2</u>	<u>58</u>			<u>114-1113.57</u>
FT. DRLD		FT. RMD.	HRS.	DEPTH OUT	CONDITION
<u>207</u>			<u>8 3/4</u>	<u>Running</u>	<u>23-663.18</u>
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	D. COLLARS
		1 <u>1230</u>			<u>23-663.18</u>
		2 <u>916</u>			OTHER FT
		3 <u>645</u>			<u>4.97</u>
		4 <u>413</u>			<u>5.19</u>
		5 <u>98</u>			<u>2.16</u>
TON MILES		TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
					<u>1211.00</u>

<u>Diamond Drilling 2 1/2 Hrs</u>	<u>8:00</u>	<u>10:00</u>	<u>2</u>
<u>Scaver & Blunt Kelly</u>	<u>11:00</u>	<u>10:30</u>	<u>1/2</u>
<u>Hoist - Tight</u>	<u>10:30</u>	<u>12:30</u>	<u>2</u>
<u>Put on Kelly - Give</u>	<u>12:30</u>	<u>1:30</u>	<u>1</u>
<u>Hoist - Tight</u>	<u>1:30</u>	<u>4:00</u>	<u>2 1/2</u>

From Pipe Rack

Hoisted 24 hrs
Boiler 7 hrs

DRILL COLLARS		FUEL	WATER	COAL	STANDS
D.	I.D.	WGT.	GALS	BBLs	TONS
<u>3/4</u>	<u>1 1/2</u>	<u>58</u>			<u>114-1113.57</u>
FT. DRLD		FT. RMD.	HRS.	DEPTH OUT	CONDITION
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	D. COLLARS
		1 <u>633</u>			
		2 <u>704</u>			
		3 <u>716</u>			
		4 <u>716</u>			
		5 <u>10</u>			
TON MILES		TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL

<u>FINISHED HOISTING</u>	<u>4:00</u>	<u>9:30</u>	<u>1 1/2</u>
<u>Boiler 1 hr 15 min</u>	<u>5:00</u>		
<u>40' Drill Line</u>	<u>6:30</u>		<u>1</u>

From Pipe Rack

TOTAL CONTRACTOR TIME _____ HRS TOOLPUSHER _____

TOTAL COMPANY TIME _____ HRS APPROVED BY _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 283rd DAY ON THIS WELL

RIG No. 14 COMPANY CANADIAN SOLLERYS LOCATION H. H. BUCKLE 2. T. L. 27 DATE Dec 18 19

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA
Specify Actual Hours Worked													TONS
DRILLER	Walt Trachuk 8	12025	23	12048	8	206	12 6/8	14	58				128
DERRICK	Jake Harrier 8	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
MOTOR	Maxime Van-N 8	212	8 3/4	VC-DY	5 0	12306	16	70	144		58		
FLOOR	Ro. Glass 8	MUD											
FLOOR	Alex Steffen 8	WEIGHT											
FLOOR		VISCOSITY											
PIPEMAN		GEL											
EXTRA		PUMPS											
INJURIES:	NIL	GENERAL											
FIRES:	NIL	W.L. 1.6 FC 4/2 PH 10											

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA
Specify Actual Hours Worked													TONS
DRILLER	Fernest Parker 8	11048	19	12067	7 3/4	12200	13	6 1/2	58				123
DERRICK	Noam Callaghan 8	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
MOTOR	Ben McTattah 8	212	8 3/4	VC-DYCS	5 0	12306	16	70	163		67 1/2		
FLOOR	Dave Pagnette 8	MUD											
FLOOR	Qudon Stichel 8	WEIGHT											
FLOOR		VISCOSITY											
FIREMAN		GEL											
EXTRA		PUMPS											
INJURIES:	NIL	GENERAL											
FIRES:	NIL	W.L. 1.6 FC 2 1/2 PH 10											

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA
Specify Actual Hours Worked													TONS
DRILLER	Wm O'Hara 8	12067	1	12068	1	2300	13	6 1/2	58				123
DERRICK	John Soley 8	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
MOTOR	Mike 8	212	8 3/4	VC-DY	5 0	12306	16	70	183		12 1/2		
FLOOR	John 8	MUD											
FLOOR	John 8	WEIGHT											
FLOOR	John 8	VISCOSITY											
FIREMAN		GEL											
EXTRA		PUMPS											
INJURIES:		GENERAL											
FIRES:		W.L. FC PH											

Totco Ring on Bit No _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 2837¹⁰ DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE 11 27 19 63

WELL COLLARS			FUEL	WATER	COAL	STANDS
D	ID	WGT	GALS	BBLs	TONS	SINGLES
14	14	58			123	11321.31
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS
194			58		Running	1 - 30.68
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		
		1	588	25-663.78		
		2	678	OTHER FT		
		3	613	Bonus 10.16		
		4	731	C/B FT		
		5	56	Tubs 6.18		
				SUBS FT		
				2.06		
				FT UP ON KELLY		
				20.50		
				TOTAL		
				12098.00		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
DRUG	1200	800	8

Boiler 8 hrs.

WELL COLLARS			FUEL	WATER	COAL	STANDS
D	ID	WGT	GALS	BBLs	TONS	SINGLES
14	14	58			123	13-11, 321.31
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS
163			674		Running	1 - 30.28
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		
		1	606	13-663.98		
		2	672	OTHER FT		
		3	621	19.2		
		4	739	SUBS FT		
		5	624	2.16		
				FT UP ON KELLY		
				1.92		
				TOTAL		
				13069.10		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
Diamond Drilling 8 1/2 Hrs	8:00	9:00	1
Rice 5 1/2 Hrs	9:00	9:30	1/2
Diamond Drilling 8 1/2 Hrs	9:30	4:00	6 1/2

Boiler 8 hrs.

WELL COLLARS			FUEL	WATER	COAL	STANDS
D	ID	WGT	GALS	BBLs	TONS	SINGLES
14	14	58			123	23-663.78
FT DRLD		FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS
183			734		Running	1 - 4.47
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		
		1	611	23-663.78		
		2	722	OTHER FT		
		3	671	4.47		
		4	734	C/B FT		
		5	12	Tubs 6.18		
				SUBS FT		
				2.16		
				FT UP ON KELLY		
				1		
				TOTAL		
				12067		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
Diamond Drilling 4 1/2 Hrs	4:00	4:30	1/2
Boiler 4 Hrs	4:30	8:30	4
Diamond Drilling 4 1/2 Hrs	8:30	4:00	1

From Pipe Rack TOTAL CONTRACTOR TIME HRS TOOLPUSHER APPROVED BY

TOTAL COMPANY TIME HRS APPROVED BY

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 282nd DAY ON THIS WELL

RIG No. 11 COMPANY Can South Location N.D.R. #1 #7 DATE 2-11-19

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA	
Specify Actual Hours Worked								NO.	O.D.	I.D.	WGT.	GALS	BBLs	TONS
DRILLER	W. J. ...	11169	15	11179	7 1/2	26	36%	1/2	78					
DERRICK	T. H. ...	BITS												
MOTOR	M. ...	MUD												
FLOOR	T. ...	WEIGHT												
FLOOR	A. ...	VISCOSITY												
FIREMAN		GEL												
EXTRA		PUMPS												
INJURIES:	N.A.	GENERAL												
FIRES:	N.A.	USED 1 NEW VALVE + 2 CAT #1												

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA	
Specify Actual Hours Worked								NO.	O.D.	I.D.	WGT.	GALS	BBLs	TONS
DRILLER	E. ...	11999	12	12001	8	22.6	33%	1/2	58					
DERRICK	N. ...	BITS												
MOTOR	B. ...	MUD												
FLOOR	D. ...	WEIGHT												
FLOOR	G. ...	VISCOSITY												
FIREMAN		GEL												
EXTRA		PUMPS												
INJURIES:		GENERAL												
FIRES:	N.A.	W.L. 1.6 F.C. #1 PH 10												

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA	
Specify Actual Hours Worked								NO.	O.D.	I.D.	WGT.	GALS	BBLs	TONS
DRILLER	W. ...	11001	201	11001	1	26	36%	1/2	78					
DERRICK	N. ...	BITS												
MOTOR	M. ...	MUD												
FLOOR	T. ...	WEIGHT												
FLOOR	A. ...	VISCOSITY												
FIREMAN		GEL												
EXTRA		PUMPS												
INJURIES:		GENERAL												
FIRES:		W.L. 1.6 F.C. #1 PH 10												

Totca Ring on Bit No _____ DP Calipered Date _____ Results _____ From Pipe Rack _____
 BOP Test Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 282⁸ DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

8 + 1 = 27 DATE 12-17-63

WELL COLLARS			FUEL	WATER	COAL	STANDS
D.	ID	WGT.	GALS	BBLs	TONS	SINGLES
70	1/2	58				11 30-1
FT. DRLD	FT. RMD	HRS	DEPTH OUT	CONDITION	D. COLLARS	
75		4 1/4	Running		22 663.78	
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
			1	594		
			2	686		
			3	587		
			4	707		
			5	522		
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP	
						11999.00

REMARKS	TIME		
	START	STOP	INTERVAL
DRUG 8 1/16 11.65	12:00	4:15	9 1/4
DRUG 8 1/16 11.65	4:15	8:00	3 3/4

1 NEW VALVE + SCAT #1 Pump.

Boiler 8 hrs.

WELL COLLARS			FUEL	WATER	COAL	STANDS
D.	ID	WGT.	GALS	BBLs	TONS	SINGLES
70	1/2	58				20 11
FT. DRLD	FT. RMD	HRS	DEPTH OUT	CONDITION	D. COLLARS	
97		4 1/4	Rev		23 463.78	
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
11890 1/2			1	582		
			2	688		
			3	597		
			4	413		
			5	40		
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP	
						1200.600

REMARKS	TIME		
	START	STOP	INTERVAL
Diamond Drilling 8 1/16 11.65	8:00	4:00	8

Boiler 8 hrs

Boiler 8 hrs

WELL COLLARS			FUEL	WATER	COAL	STANDS
D.	ID	WGT.	GALS	BBLs	TONS	SINGLES
70	1/2	58				11 30-1
FT. DRLD	FT. RMD	HRS	DEPTH OUT	CONDITION	D. COLLARS	
121		50	11		4 1/2	
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
5200			1			
			2			
			3			
			4			
			5			
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP	

REMARKS	TIME		
	START	STOP	INTERVAL

From Pipe Rack

TOTAL CONTRACTOR TIME HRS TOOLPUSHER

TOTAL COMPANY TIME HRS APPROVED BY

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 18 / 1955 DAY ON THIS WELL

RIG No. 17 COMPANY LOCATION DATE Dec 11 1955

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN
Specify Actual Hours Worked							NO	O.D.	I.D.	WGT	GALS	BBLs	TONS
DRILLER	Walt Tomalak	11167	21	11128	2	236	23	13 1/4	16	8			12
DERRICK	Jake Harper												
MOTOR	Manure Vactor												
FLOOR	GRASS												
FLOOR	ALX STEPHEN												
FIREMAN													
EXTRA													
INJURIES:	N.I.L.												
FIRES:	N.I.L.												

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN
Specify Actual Hours Worked							NO	O.D.	I.D.	WGT	GALS	BBLs	TONS
DRILLER	Forest Parker	11928	19	11947	5	236	23	13 1/4	23	8			12
DERRICK	Norm Collier												
MOTOR	Omni Whaler												
FLOOR	Dave Provette												
FLOOR	Brandon Stichel												
FIREMAN													
EXTRA													
INJURIES:	N.I.L.												
FIRES:	N.I.L.												

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN
Specify Actual Hours Worked							NO	O.D.	I.D.	WGT	GALS	BBLs	TONS
DRILLER		11711	17	11764	18	236	23	13 1/4	23	8			12
DERRICK													
MOTOR													
FLOOR													
FLOOR													
FIREMAN													
EXTRA													
INJURIES:													
FIRES:													

To Co Ring on Bit No D.P. Calipered Date Results From Pipe Rack
 B O P Test Operated Time Results

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 81 DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

471-27 DATE Dec 11 1965

RILL COLLARS		FUEL	WATER	COAL	STANDS
D.	I.D.	WGT.	GALS	BBLs	TONS
74	76	8			12-11-1129
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS
19		10 3/4	8	Swimming	23-663.78
AT SURVEYS DEGREE					MOTOR HOURS
					1 28
					2 160
					3 12
					4 67
					5 9
NEXT OIL CHANGE					FT UP ON KELLY
					11.75
					TOTAL
					11,128
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
WELL 8 5/16 11 1/2	10	8:00	8
Bailer 2 ho.			

CHANGED OIL & FILTERS D-8800

RILL COLLARS		FUEL	WATER	COAL	STANDS
D.	I.D.	WGT.	GALS	BBLs	TONS
81	83	8			12-11-1129
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS
43		10 3/4	8	Swimming	13-623.78
AT SURVEYS DEGREE					MOTOR HOURS
					1 360
					2 692
					3 391
					4 399
					5 10
NEXT OIL CHANGE					FT UP ON KELLY
					39.49
					TOTAL
					11,247.10
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
Diamond Drilling etc Hole 8" 4" 8			
Bailer 3 ho's			

RILL COLLARS		FUEL	WATER	COAL	STANDS
D.	I.D.	WGT.	GALS	BBLs	TONS
81	83	8			12-11-1129
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS
6					231-2000
AT SURVEYS DEGREE					MOTOR HOURS
					1 14
					2 60
					3 1
					4 24
					5 7
NEXT OIL CHANGE					FT UP ON KELLY
					1
					TOTAL
					1,100
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
WELL 8 5/16 11 1/2			
Bailer 3 ho's			

From Pipe Rack

TOTAL CONTRACTOR TIME

HRS TOOLPUSHER

TOTAL COMPANY TIME

HRS APPROVED BY

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 280th DAY ON THIS WELL

RIG No. 11 COMPANY *Geo Southern* LOCATION *N.E.R. 111 - 7* DATE *Dec 12 19*

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	ST
Specify Actual Hours Worked							NO	O D	I D	WGT	GALS	BBL'S	TONS
DRILLER	<i>Walt Trout</i>	<i>11897</i>	<i>7</i>	<i>11909</i>	<i>2/4</i>	<i>295</i>	<i>336</i>	<i>14</i>	<i>58</i>				
DERRICK	<i>Take Header</i>	BITS											
MOTOR	<i>Maurice Villan</i>	MUD											
FLOOR	<i>Ron Gross</i>	WEIGHT											
FLOOR	<i>Alex Stephen</i>	VISCOSITY											
FIREMAN		GEL											
EXTRA		PUMPS											
INJURIES		GENERAL											
FIRES		W.L. <i>1.8</i> F.C. <i>2.2</i> pH <i>12</i>											

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	ST
Specify Actual Hours Worked							NO	O D	I D	WGT	GALS	BBL'S	TONS
DRILLER	<i>Ernest Parker</i>	<i>11904</i>					<i>33</i>	<i>14</i>	<i>58</i>				
DERRICK	<i>Noam Callaghan</i>	BITS											
MOTOR	<i>David Whistler</i>	MUD											
FLOOR	<i>Don Bennett</i>	WEIGHT											
FLOOR	<i>Charles Stokich</i>	VISCOSITY											
FIREMAN		GEL											
EXTRA		PUMPS											
INJURIES		GENERAL											
FIRES	<i>N/A</i>	W.L. F.C. pH											

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	ST
Specify Actual Hours Worked							NO	O D	I D	WGT	GALS	BBL'S	TONS
DRILLER	<i>Wm O. Smith</i>	<i>11704</i>					<i>33</i>	<i>14</i>	<i>24</i>				
DERRICK	<i>Robert Smith</i>	BITS											
MOTOR	<i>Walter Bess</i>	MUD											
FLOOR	<i>Herbert P. Bean</i>	WEIGHT											
FLOOR	<i>Steve Bell</i>	VISCOSITY											
FIREMAN		GEL											
EXTRA		PUMPS											
INJURIES		GENERAL											
FIRES		W.L. F.C. pH											

Total Ring on Bit No

D.P. Caliper Date

Results

From Pipe Rock

BOP Test Operated

Time

Results

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 280⁴⁶⁷ DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

YTI 27 DATE DEC 15 1963.

L COLLARS		FUEL		WATER		COAL		STANDS	
ID	WGT	GALS		BBLs		TONS		SINGLES	
11-211-29								11-211-29	
FT DRLD		FT RMD		HRS		DEPTH OUT		CONDITION	
21				7					
D COLLARS		OTHER FT		C B FT		SUBS FT		FT UP ON KELLY	
2-11-78								20.35	
TOTAL								11909.00	
ON MILES		TOTAL MILES		SLIP		FEET OR CUT		FEET LEFT ON SPOOL	
								NEXT SLIP	

REMARKS	TIME		
	START	STOP	INTERVAL
DRUG 2 3/4 HLT	1200	200	3/4 WOP
DRUG 2 3/4 HLT	295	600	3/4 WOP
DRUG 2 3/4 HLT	295	600	3/4 WOP
DRUG 2 3/4 HLT	600	630	1/2 WOP
DRUG 2 3/4 HLT	630	800	1 1/2 WOP

280467 For Con Seward Pick 17 TRUCK
 17-0 Supply Tank
 276 F P 34422

Boiler & Shop

L COLLARS		FUEL		WATER		COAL		STANDS	
ID	WGT	GALS		BBLs		TONS		SINGLES	
11-219-24								11-219-24	
FT DRLD		FT RMD		HRS		DEPTH OUT		CONDITION	
23-623-98									
D COLLARS		OTHER FT		C B FT		SUBS FT		FT UP ON KELLY	
23-623-98								20.85	
TOTAL								11904.00	
ON MILES		TOTAL MILES		SLIP		FEET OR CUT		FEET LEFT ON SPOOL	
540		161663		30		90		NEXT SLIP	

REMARKS	TIME		
	START	STOP	INTERVAL
Halt	8:00	11:00	3 1/2 WOP
Waste On Stab	11:00	1:00	2 1/2 WOP
Make Up Stab & Bit	2:00		
#1 Run in		4:00	2 WOP

L COLLARS		FUEL		WATER		COAL		STANDS	
ID	WGT	GALS		BBLs		TONS		SINGLES	
11-110-15								11-110-15	
FT DRLD		FT RMD		HRS		DEPTH OUT		CONDITION	
2-11-78				12					
D COLLARS		OTHER FT		C B FT		SUBS FT		FT UP ON KELLY	
2-11-78		4.97		5.17		10.16		20.92	
TOTAL								111.57	
ON MILES		TOTAL MILES		SLIP		FEET OR CUT		FEET LEFT ON SPOOL	
540		161663						NEXT SLIP	

REMARKS	TIME		
	START	STOP	INTERVAL
Waste On Stab	4:00	5:30	1 1/2 WOP
Waste On Stab	5:30	6:30	1 WOP
Waste On Stab	6:30	7:30	1 WOP
Waste On Stab	7:30	8:30	1 WOP

From Pipe Rack

TOTAL CONTRACTOR TIME _____ HRS TOOLPUSHER _____
 TOTAL COMPANY TIME _____ HRS APPROVED BY _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 21 DAY ON THIS WELL

RIG No. 11 COMPANY South LOCATION N 5 R 4, 1-2 DATE 11-19-19

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STAN
Specify Actual Hours Worked							NO	O.D.	I.D.	WGT	GALS	BBLs	TONS
DRILLER	Walt Tomiak 8	11873	8	11881	8	92	23	4 1/2	3 1/2	8			11
DERRICK	Jack Haver 8	BITS											
MOTOR	Maxice Jack 8	MUD											
FLOOR	2nd floor 8	WEIGHT											
FLOOR	3rd floor 8	VISCOSITY											
FLOOR	4th floor 8	GEL											
FIREMAN		PUMPS											
EXTRA		GENERAL											
INJURIES:		W.L. 1.8 F.C. 1.0 PH 10.0											
FIRES:		AT SURVEYS DEGREE											
		MOTOR HOURS											
		NEXT OIL CHANGE											
		DEPTH OUT											
		CONDITION											
		D.C.											
		OTHER											
		C.B.P.											
		SUBS											
		FT. U. KELL											
		TOTAL											
		FEET LEFT ON SPOOL											
		SLIP											
		FEET OR CUT											
		TON MILES											
		TOTAL MILES											
		NO LINES											
		TRIPS											
		SIZE											
		LINER SIZE											
		NO. 1 PRES-SURE											
		MODEL S.P.M.											
		LINER SIZE											
		NO. 2 PRES-SURE											
		MODEL S.P.M.											
		LINER SIZE											
		GENERAL											
		W.L. 1.8 F.C. 1.0 PH 10.0											
		AT SURVEYS DEGREE											
		MOTOR HOURS											
		NEXT OIL CHANGE											
		DEPTH OUT											
		CONDITION											
		D.C.											
		OTHER											
		C.B.P.											
		SUBS											
		FT. U. KELL											
		TOTAL											
		FEET LEFT ON SPOOL											
		SLIP											
		FEET OR CUT											
		TON MILES											
		TOTAL MILES											
		NO LINES											
		TRIPS											
		SIZE											
		LINER SIZE											
		NO. 1 PRES-SURE											
		MODEL S.P.M.											
		LINER SIZE											
		NO. 2 PRES-SURE											
		MODEL S.P.M.											
		LINER SIZE											
		GENERAL											
		W.L. 1.8 F.C. 1.0 PH 10.0											
		AT SURVEYS DEGREE											
		MOTOR HOURS											
		NEXT OIL CHANGE											
		DEPTH OUT											
		CONDITION											
		D.C.											
		OTHER											
		C.B.P.											
		SUBS											
		FT. U. KELL											
		TOTAL											
		FEET LEFT ON SPOOL											
		SLIP											
		FEET OR CUT											
		TON MILES											
		TOTAL MILES											
		NO LINES											
		TRIPS											
		SIZE											
		LINER SIZE											
		NO. 1 PRES-SURE											
		MODEL S.P.M.											
		LINER SIZE											
		NO. 2 PRES-SURE											
		MODEL S.P.M.											
		LINER SIZE											
		GENERAL											
		W.L. 1.8 F.C. 1.0 PH 10.0											
		AT SURVEYS DEGREE											
		MOTOR HOURS											
		NEXT OIL CHANGE											
		DEPTH OUT											
		CONDITION											
		D.C.											
		OTHER											
		C.B.P.											
		SUBS											
		FT. U. KELL											
		TOTAL											
		FEET LEFT ON SPOOL											
		SLIP											
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		MODEL S.P.M.											
		LINER SIZE											
		GENERAL											
		W.L. 1.8 F.C. 1.0 PH 10.0											
		AT SURVEYS DEGREE											
		MOTOR HOURS											
		NEXT OIL CHANGE											
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		CONDITION											
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		NO. 2 PRES-SURE											
		MODEL S.P.M.											
		LINER SIZE											
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		W.L. 1.8 F.C. 1.0 PH 10.0											
		AT SURVEYS DEGREE											
		MOTOR HOURS											
		NEXT OIL CHANGE											
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		CONDITION											
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		SUBS											
		FT. U. KELL											
		TOTAL											
		FEET LEFT ON SPOOL											
		SLIP											
		FEET OR CUT											
		TON MILES											
		TOTAL MILES											
		NO LINES											
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		LINER SIZE											
		NO. 1 PRES-SURE											
		MODEL S.P.M.											
		LINER SIZE											
		NO. 2 PRES-SURE											
		MODEL S.P.M.											
		LINER SIZE											
		GENERAL											
		W.L. 1.8 F.C. 1.0 PH 10.0											
		AT SURVEYS DEGREE											
		MOTOR HOURS											
		NEXT OIL CHANGE											
		DEPTH OUT											
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		D.C.											
		OTHER											
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		SUBS											
		FT. U. KELL											
		TOTAL											
		FEET LEFT ON SPOOL											
		SLIP											
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		TON MILES											
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		NO. 1 PRES-SURE											
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		NO. 2 PRES-SURE											
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		LINER SIZE											
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		W.L. 1.8 F.C. 1.0 PH 10.0											
		AT SURVEYS DEGREE											
		MOTOR HOURS											
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		LINER SIZE											
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		LINER SIZE											
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		AT SURVEYS DEGREE											
		MOTOR HOURS											
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		LINER SIZE											
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		W.L. 1.8 F.C. 1.0 PH 10.0											
		AT SURVEYS DEGREE											
		MOTOR HOURS											
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		FT. U. KELL											
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		SLIP											
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		AT SURVEYS DEGREE											
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		OTHER											
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		SUBS											
		FT. U. KELL											
		TOTAL											
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		LINER SIZE											
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		W.L. 1.8 F.C. 1.0 PH 10.0											
		AT SURVEYS DEGREE											
		MOTOR HOURS											
		NEXT OIL CHANGE											
		DEPTH OUT											
		CONDITION											
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		OTHER											
		C.B.P.											
		SUBS											
		FT. U. KELL											
		TOTAL											
		FEET LEFT ON SPOOL											
		SLIP											
		FEET OR CUT											
		TON MILES											
		TOTAL MILES											
		NO LINES											
		TRIPS											
		SIZE											
		LINER SIZE											
		NO. 1 PRES-SURE											
		MODEL S.P.M.											
		LINER SIZE											
		NO. 2 PRES-SURE											
		MODEL S.P.M.											
		LINER SIZE											
		GENERAL											
		W.L. 1.8 F.C. 1.0 PH 10.0											
		AT SURVEYS DEGREE											
		MOTOR HOURS											
		NEXT OIL CHANGE											
		DEPTH OUT											
		CONDITION											
		D.C.											
		OTHER											
		C.B.P.											
		SUBS											
		FT. U. KELL											
		TOTAL											
		FEET LEFT ON SPOOL											
		SLIP											
		FEET OR CUT											
		TON MILES											
		TOTAL MILES											
		NO LINES											
		TRIPS											
		SIZE											
		LINER SIZE											
		NO. 1 PRES-SURE											
		MODEL S.P.M.											
		LINER SIZE											
		NO. 2 PRES-SURE											
		MODEL S.P.M.											
		LINER SIZE											
		GENERAL											
		W.L. 1.8 F.C. 1.0 PH 10.0											
		AT SURVEYS DEGREE											
		MOTOR HOURS											
		NEXT OIL CHANGE											
		DEPTH OUT											
		CONDITION											

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 7th DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control" Drilling as well as HOURS.

4-1-27 DATE Dec 19 1963

STANDS SINGLES	11-11-618
STANDS OTHER FT	1-11-22
COLLARS D. COLLARS	11-11-22
COLLARS OTHER FT	11-11-22
C.B. FT	
SUBS FT	
FT UP ON KELLY	
TOTAL	
11881.12	
TON MILES	TOTAL MILES
SLIP	FEET LEFT ON SPOOL
FEET OR CUT	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
Finish 11' 1/2" hole 11-11-22 1/2 WOP			
11-11-22 1/2 WOP			
11-11-22 1/2 WOP			
11-11-22 1/2 WOP			
11-11-22 1/2 WOP			

Baker

STANDS SINGLES	11-11-22
STANDS OTHER FT	11-11-22
COLLARS D. COLLARS	11-11-22
COLLARS OTHER FT	11-11-22
C.B. FT	
SUBS FT	
FT UP ON KELLY	
TOTAL	
11890.10	
TON MILES	TOTAL MILES
SLIP	FEET LEFT ON SPOOL
FEET OR CUT	NEXT SLIP

Drilling 8 3/8 Hole 8-4-8 WOP

REMARKS	TIME		
	START	STOP	INTERVAL
8-4-8 WOP			

Baker

STANDS SINGLES	11-11-22
STANDS OTHER FT	11-11-22
COLLARS D. COLLARS	11-11-22
COLLARS OTHER FT	11-11-22
C.B. FT	
SUBS FT	
FT UP ON KELLY	
TOTAL	
11890.10	
TON MILES	TOTAL MILES
SLIP	FEET LEFT ON SPOOL
FEET OR CUT	NEXT SLIP

Drilling 2 7/8" HOLE 4-5-5 WOP

REMARKS	TIME		
	START	STOP	INTERVAL
4-5-5 WOP			

From Pipe Rock TOTAL CONTRACTOR TIME HRS TOOLPUSHER
 TOTAL COMPANY TIME HRS APPROVED BY

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 28th DAY ON THIS WELL

RIG No. 17 COMPANY *...* LOCATION *N. 21. 7. 11. 27* DATE *Dec 13 19*

Tour - Midnight - 8 a.m.
Specify Actual Hours Worked *8*

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS	FUEL	WATER	COAL			
NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION
11836	11	11841	7	1035	3	119	8				
DRILLER	<i>Walt Throckm</i>										
DERRICK	<i>John D. ...</i>										
MOTOR	<i>...</i>										
FLOOR	<i>...</i>										
FLOOR	<i>...</i>										
FLOOR	<i>...</i>										
FIREMAN	<i>...</i>										
EXTRA	<i>...</i>										
INJURIES:	<i>Nil</i>										
FIRES:	<i>Nil</i>										

MUD 12 MN 2 AM 4 AM 6 AM ADDITIVES

WEIGHT *13.411.110*

VISCOSITY *16*

GEL

PUMPS

NO 1 PRES SURE *1100* MODEL *...* LINER SIZE *4 1/2*

NO 2 PRES SURE *1100* MODEL *...* LINER SIZE *4 1/2*

GENERAL *Baker 8 hrs*

Tour - 8 a.m. - 4 p.m.
Specify Actual Hours Worked *8*

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS	FUEL	WATER	COAL			
NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION
11861	12	11873	7 1/2	140	23	129	23				
DRILLER	<i>Ernest Parkia</i>										
DERRICK	<i>Bill Matushuk</i>										
MOTOR	<i>Norm Callaghan</i>										
FLOOR	<i>Don Padgett</i>										
FLOOR	<i>Geordan Stichel</i>										
FLOOR	<i>...</i>										
FIREMAN	<i>...</i>										
EXTRA	<i>...</i>										
INJURIES:	<i>Nil</i>										
FIRES:	<i>Nil</i>										

MUD 8 AM 10 AM 12 NOON 2 P.M. ADDITIVES

WEIGHT *11241.2192*

VISCOSITY *120*

GEL

PUMPS

NO 1 PRES SURE *1100* MODEL *...* LINER SIZE *4 1/2*

NO 2 PRES SURE *1100* MODEL *...* LINER SIZE *4 1/2*

GENERAL *Baker 8 hrs*

Tour - 4 p.m. - Midnight
Specify Actual Hours Worked *8*

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS	FUEL	WATER	COAL			
NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD.	FT. RMD.	HRS.	DEPTH OUT	CONDITION
11873	4	11877	4	100	23	130	23				
DRILLER	<i>Wm. ...</i>										
DERRICK	<i>...</i>										
MOTOR	<i>...</i>										
FLOOR	<i>...</i>										
FLOOR	<i>...</i>										
FLOOR	<i>...</i>										
FIREMAN	<i>...</i>										
EXTRA	<i>...</i>										
INJURIES:	<i>...</i>										
FIRES:	<i>...</i>										

MUD 4 PM 6 PM 8 PM 10 PM ADDITIVES

WEIGHT

VISCOSITY

GEL

PUMPS

NO 1 PRES SURE MODEL LINER SIZE

NO 2 PRES SURE MODEL LINER SIZE

GENERAL

Totco Ring on Bit No. DP. Cased Date Results From Pipe Rack
BOP Test Operated Time Results

DAILY DRILLING REPORT CONSERVATION BOARD DAY WORK RECORD

THIS IS 228th DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

471-27 DATE Dec 13 1963

RILL COLLARS		FUEL		WATER		COAL		STANDS	
D	ID	WGT	GALS	BBLs	TONS	SINGLES		11-11-12-98	
FT DRLD		FT RMD		HRS		DEPTH OUT		CONDITION	
23				148		148		Rough	
D COLLARS		OTHER FT		C B FT		SUBS FT		FT UP ON KELLY	
23-62378						5.16		3.70	
TOTAL		TOTAL MILES		SLIP		FEET LEFT ON SPOOL		NEXT SLIP	
11861.6									

REMARKS	TIME	
	START	STOP
11-11-12-98	12:00	12:30
11-11-12-98	12:30	1:00
11-11-12-98	1:00	8:00

Baker 8 hrs

RILL COLLARS		FUEL		WATER		COAL		STANDS	
D	ID	WGT	GALS	BBLs	TONS	SINGLES		11-11-12-98	
FT DRLD		FT RMD		HRS		DEPTH OUT		CONDITION	
23				148		148		Rough	
D COLLARS		OTHER FT		C B FT		SUBS FT		FT UP ON KELLY	
23-62378						20.61			
TOTAL		TOTAL MILES		SLIP		FEET LEFT ON SPOOL		NEXT SLIP	
11593.00									

REMARKS	TIME	
	START	STOP
11-11-12-98	8:00	8:30
11-11-12-98	8:30	4:00

Baker 8 hrs

RILL COLLARS		FUEL		WATER		COAL		STANDS	
D	ID	WGT	GALS	BBLs	TONS	SINGLES		11-11-12-98	
FT DRLD		FT RMD		HRS		DEPTH OUT		CONDITION	
23				148		148		Rough	
D COLLARS		OTHER FT		C B FT		SUBS FT		FT UP ON KELLY	
23-62378						11.11		12.00	
TOTAL		TOTAL MILES		SLIP		FEET LEFT ON SPOOL		NEXT SLIP	
11112.00									

REMARKS	TIME	
	START	STOP
11-11-12-98	4:00	4:30
11-11-12-98	4:30	11:00
11-11-12-98	11:00	11:30

From Pipe Rack

TOTAL CONTRACTOR TIME _____ HRS
 TOTAL COMPANY TIME _____ HRS

APPROVED BY _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS ¹⁶ DAY ON THIS WELL

RIG No. 11 COMPANY Therco LOCATION Therco DATE 12 1948

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked _____ HRS.

DRILLER	<u>Walt Smith</u>	FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS NO. O.D. I.D.	WGT	FUEL	WATER	COAL	TONS	
DERRICK	<u>Joe Davis</u>	11818	-1	11827	4	40	19 1/4 14	5	4	19			
MOTOR	<u>Maxine Walker</u>	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
FLOOR	<u>Maxine Walker</u>	11827	1/2		2 1/2	1	25	7					
FLOOR	<u>Maxine Walker</u>												
FLOOR	<u>Maxine Walker</u>												
FLOOR	<u>Maxine Walker</u>												
FIREMAN		MUD					ADDITIVES		AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
EXTRA		WEIGHT	12 MN	2 AM	4 AM	6 AM					1	4	
INJURIES:	<u>NIL</u>	VISCOSITY	12		15						2	25	
FIRES:	<u>NIL</u>	GEL									3	41	
		NO 1 PRES SURE	1	1	13	15					4	45	
		MODEL S.P.M.	1	1	1	1					5	45	
		LINER SIZE	1	1	1	1							
		NO 2 PRES SURE											
		MODEL S.P.M.											
		LINER SIZE											
		GENERAL											
		WL	FC	pH									

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked _____ HRS.

DRILLER	<u>Ernest Fisher</u>	FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS NO. O.D. I.D.	WGT	FUEL	WATER	COAL	TONS	
DERRICK	<u>Bill Matwischok</u>	11939	11	11950	5 1/2	245000	23 1/4 14	58					
MOTOR	<u>Norm Callaghan</u>	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
FLOOR	<u>Don Pugh</u>	11950	1/2		2 1/2	EN 1390	26	45	50		19 1/2	11850	D 11
FLOOR	<u>Condon Stachel</u>												
FLOOR		MUD					ADDITIVES		AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
EXTRA		WEIGHT	8 AM	10 AM	12 NOON	2 PM				11800	1	420	
INJURIES:	<u>NIL</u>	VISCOSITY	105	107	109						2	376	
FIRES:	<u>NIL</u>	GEL									3	495	
		NO 1 PRES SURE	1	1	1	1					4	603	
		MODEL S.P.M.	1	1	1	1					5	340	
		LINER SIZE	1	1	1	1							
		NO 2 PRES SURE											
		MODEL S.P.M.											
		LINER SIZE											
		GENERAL											
		WL	FC	pH									

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked _____ HRS.

DRILLER		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS NO. O.D. I.D.	WGT	FUEL	WATER	COAL	TONS	
DERRICK													
MOTOR													
FLOOR													
FLOOR		MUD					ADDITIVES		AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
EXTRA		WEIGHT	4 PM	6 PM	8 PM	10 PM							
INJURIES:		VISCOSITY											
FIRES:		GEL											
		NO 1 PRES SURE											
		MODEL S.P.M.											
		LINER SIZE											
		NO 2 PRES SURE											
		MODEL S.P.M.											
		LINER SIZE											
		GENERAL											
		WL	FC	pH									

Torco Ring on Bit No. _____ D.P. Categorized Date _____ Results _____ From _____ Rack _____

B.C.P. Test Operated _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 16 DAY ON THIS WELL

RIG No. 17 COMPANY CAN. SOUTHERN LOCATION N. 20. 451 27 DATE 12 11 19

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked _____ HRS

DRILLER Walt Trachuk

DERRICK Jack Harder

MOTOR Roy York

FLOOR Hyman M. York

FLOOR Ed Gross

FIREMAN _____

EXTRA _____

INJURIES: N.H.

FIRES: Water supply pump motor caught fire while attempting to start it

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS	FUEL	WATER	COAL
11771	8	11777	8	140	33 1/4	140	1450	

BITS

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLO	FT RMD	HRS	DEPTH CUT	CONDITION
1	8 3/4	Y	1/16	EN 3358	91	27			28		Running

MUD

WEIGHT	12 MN	2 AM	4 AM	6 AM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
11.2							1 228	
VISCOSITY	11.2	11.2	11.2	11.2			2 228	
GEL							3 253	
							4 271	
							5 268	

PUMPS

NO	PRES SURE	MODEL	S.P.M	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
1	120		47						
2	140		48						

W.L. 1.5 F.C. 4.2 PH. 1

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked _____ HRS

DRILLER Ernest Parker

DERRICK Bill Matovich

MOTOR Noam Callaghan

FLOOR Don Pagnatta

FLOOR Gordon Sticks

FIREMAN Charlie Nowlosky

EXTRA _____

INJURIES: N.H.

FIRES: N.H.

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS	FUEL	WATER	COAL
11800	1	11800	1	142	23 1/2	58		

BITS

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLO	FT RMD	HRS	DEPTH CUT	CONDITION
108	8 3/4	Y	1/16	EN 3373	68	42	70		28	11800	1/2
109	8 3/4	Y	1/16	EN 3370							

MUD

WEIGHT	8 AM	10 AM	12 NOON	2 PM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
13.9							1 446	
VISCOSITY	110						2 512	
GEL							3 466	
							4 399	
							5 316	

PUMPS

NO	PRES SURE	MODEL	S.P.M	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
1	1600		43						
2	140		6						

W.L. 1.2 F.C. 2.2 PH. 10

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked _____ HRS

DRILLER Walt Trachuk

DERRICK Rowland

MOTOR Mike

FLOOR Hyman M. York

FLOOR Ed Gross

FIREMAN _____

EXTRA _____

INJURIES _____

FIRES _____

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS	FUEL	WATER	COAL
11800	6	11806	6	140	23 1/2	58		

BITS

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLO	FT RMD	HRS	DEPTH CUT	CONDITION
108	8 3/4	Y	1/16	EN 3373	68	42	70		6	11806	1/2

MUD

WEIGHT	4 PM	6 PM	8 PM	10 PM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
13.9							1 228	
VISCOSITY	11.2						2 228	
GEL							3 253	
							4 271	
							5 268	

PUMPS

NO	PRES SURE	MODEL	S.P.M	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
1	120		47						
2	140		48						

W.L. 1.2 F.C. 2.2 PH. 10

Total Ring on Bit No _____ DP Caliper Date _____ Results _____ From Pipe Rack _____

BOP Test Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS 76 DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE DEC 11 1963

ALL COLLARS		FUEL	WATER	COAL	STANDS
ID	WGT	GALS	BBLs	TONS	SINGLES
4-3/4	16	114354			11-12828
FT DRLD	FT RMD	HRS	DEPTH CUT	CONDITION	D. COLLARS
27		28		Running	23-613.78
					OTHER FT
					C B FT
AT SURVEYS DEGREE					MOTOR HOURS
					1 938
					2 249
					3 453
					4 371
					5 318
					11-279.00
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP
	139514				

REMARKS	TIME	
	START	STOP
Drill 8 3/8 Hole	12:00	1:00

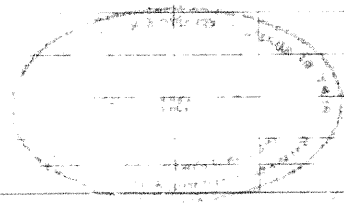
Boiler & hrs.

ALL COLLARS		FUEL	WATER	COAL	STANDS
ID	WGT	GALS	BBLs	TONS	SINGLES
4-3/4	58				11-3558
FT DRLD	FT RMD	HRS	DEPTH CUT	CONDITION	D. COLLARS
30		28	11800		11-463.78
					OTHER FT
					C B FT
AT SURVEYS DEGREE					MOTOR HOURS
					1 446
					2 552
					3 466
					4 379
					5 316
					11-800.00
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP
533	160047	30			

REMARKS	TIME	
	START	STOP
Drill 9/8 Hole	8:00	8:15
Survey	8:15	8:45
Hoist for Bit #309	8:45	1:00
Run down 3/4 Bore	1:00	1:15
Run in w/ Bit #309	1:15	4:15

ALL COLLARS		FUEL	WATER	COAL	STANDS
ID	WGT	GALS	BBLs	TONS	SINGLES
1-1/2				121	11-46.78
FT DRLD	FT RMD	HRS	DEPTH CUT	CONDITION	D. COLLARS
11		6	14		11-6
					OTHER FT
					C B FT
AT SURVEYS DEGREE					MOTOR HOURS
					1 446
					2 322
					3 164
					4 37
					11-21
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME	
	START	STOP
Finished running in 11-46.78	11:00	11:15
Hoist out in 11-46.78	11:15	11:30
Run in 11-46.78	11:30	12:00



From Pipe Rack

TOTAL CONTRACTOR TIME

HRS

TOTAL COMPANY TIME

HRS

APPROVED BY

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. 11 COMPANY 11 LOCATION 11 DATE 11-11-19

Tour - 8 a.m. - 8 a.m.

Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	O.D.	I.D.	WGT	FUEL	WATER	COAL
11726	11	11730	7	240	1	4 1/2	3 1/2	20			

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
1	8 1/2								7		

MUD	12 MN	2 AM	4 AM	6 AM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT							1 422	
VISCOSITY							2 528	
GEL							3 437	
							4 525	
							5 742	

NO 1 PRES SURE	MODEL	SPM	LINER SIZE	NO 2 PRES SURE	MODEL	SPM	LINER SIZE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL

W.L. 1.0 F.C. pH

INJURIES: NA
FIRES: NL

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	O.D.	I.D.	WGT	FUEL	WATER	COAL
11730	21	11731	8	240	1	4 1/2	3 1/2	20			

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
1	8 1/2								12	R	

MUD	8 AM	10 AM	12 NOON	2 PM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT	135	131	120	110	Q. BROWN 1000	11920	1 422	
VISCOSITY	110	112	112	112	CRACKER 250		2 528	
GEL					GEL - 1000		3 437	
					CANON - 100		4 525	
							5 742	

NO 1 PRES SURE	MODEL	SPM	LINER SIZE	NO 2 PRES SURE	MODEL	SPM	LINER SIZE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL

W.L. 1.0 F.C. pH

INJURIES: NA
FIRES: NA

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	O.D.	I.D.	WGT	FUEL	WATER	COAL
11731											

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD	4 PM	6 PM	8 PM	10 PM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT								
VISCOSITY								
GEL								

NO 1 PRES SURE	MODEL	SPM	LINER SIZE	NO 2 PRES SURE	MODEL	SPM	LINER SIZE	SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL

W.L. F.C. pH

INJURIES: NA
FIRES: NA

Patco Ring on Bit No _____ D.P. Calipered Date _____ Results _____ From File Rack _____
 B.G.P. Test Operated _____ Results _____

DAILY DRILLING REPORT

OPERATION BOARD

DAY WORK RECORD

THIS IS 15th DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE 10-16-1963

KILL COLLARS			FUEL		WATER		COAL		STANDS		
D	ID	WGT.	GALS		BBLs		TONS		SINGLES		
4-1/2	28								11		
FT DRLD		FT RMD		HRS		DEPTH OUT		CONDITION		D COLLARS	
11				9		2000		running		44-78	
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE		C B FT		SUBS FT		
			1		910						
			2		220						
			3		4-4				1064		
			4		597						
			5		289				117000		
TON MILES		TOTAL MILES		SLIP		FEET OR CUT		FEET LEFT ON SPOOL		NEXT SLIP	
533		159-219		41		190					

REMARKS	TIME		
	START	STOP	INTERVAL
Running	12:00	12:15	1/4
Stop at 2000	12:15	12:30	1/2
Running	12:30	12:45	1/2
Stop at 2000	12:45	1:00	1/2
Running	1:00	1:15	1/4

Driller check.

Spool & head blocks flipped.

KILL COLLARS			FUEL		WATER		COAL		STANDS		
D	ID	WGT.	GALS		BBLs		TONS		SINGLES		
3-1/2	38						120		110-113-58		
FT DRLD		FT RMD		HRS		DEPTH OUT		CONDITION		D COLLARS	
31				12		R				1-19-83	
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE		C B FT		SUBS FT		
11920			1°		422						
			2		528						
			3		437				12-11-3-78		
			4		255						
			5		792						
TON MILES		TOTAL MILES		SLIP		FEET OR CUT		FEET LEFT ON SPOOL		NEXT SLIP	

REMARKS	TIME		
	START	STOP	INTERVAL
Drilling 88 Holes	3:00	4:00	1 hr

KILL COLLARS			FUEL		WATER		COAL		STANDS		
D	ID	WGT.	GALS		BBLs		TONS		SINGLES		
3-1/2	38						120		110-113-58		
FT DRLD		FT RMD		HRS		DEPTH OUT		CONDITION		D COLLARS	
31				12		R				3-10-61	
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE		C B FT		SUBS FT		
11			1		422						
			2		528						
			3		437				3-10-61		
			4		255						
			5		792						
TON MILES		TOTAL MILES		SLIP		FEET OR CUT		FEET LEFT ON SPOOL		NEXT SLIP	

REMARKS	TIME		
	START	STOP	INTERVAL
Drilling 20 Holes	11:00	1:00	1 hr

From Pipe Rack

TOTAL CONTRACTOR TIME _____ HRS TOOL PUSHER 07:30

TOTAL COMPANY TIME _____ HRS APPROVED BY _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS 24 DAY ON THIS WELL

RIG No. 11 COMPANY ... LOCATION ... DATE ... 19...

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked HRS

DRILLER	Walt ...	8
DERRICK	...	8
MOTOR	...	8
FLOOR	...	8
FLOOR	...	8
FLOOR	...	8
FIREMAN		
EXTRA		
INJURIES:	NIL	
FIRES:	NIL	

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL	WATER	COAL	STAN SING
11679		11719	8	240	23	13 1/2	58					11
NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D CO
1167	8 3/4	CONV	2 1/2	46393	50	42	41		11 1/2			23

MUD	12 MN	2 AM	4 AM	6 AM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT	11.1	11.1	11.1	11.1			1 3 1/2	
VISCOSITY	147	132	130	147	2-BRININ 500"		2 5 1/2	
GEL							3 4 1/2	
P	NO 1 PRES SURE	1500	L				4 3 1/2	
U	MODEL S P M	47	L				5 3 1/2	
M	NO 2 PRES SURE	6	L				6 2 1/2	
P	MODEL S P M						7 2 1/2	
S	NO 1 PRES SURE						8 2 1/2	
	MODEL S P M						9 2 1/2	
	NO 2 PRES SURE						10 2 1/2	
	MODEL S P M						11 2 1/2	

W.L. F.C. pH

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked HRS

DRILLER	Ernest ...	8
DERRICK	Bill Matyichuk	8
MOTOR	...	8
FLOOR	...	8
FLOOR	...	8
FLOOR	...	8
FIREMAN		
EXTRA		
INJURIES:	Bill Matyichuk	
FIRES:	NIL	

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL	WATER	COAL	STAN SING
11694	19	11713	8	240	23	13 1/2	58					11
NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D CO
1167	8 3/4	CONV	2 1/2	46393	50	42	41		11 1/2			23

MUD	8 AM	10 AM	12 NOON	2 PM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT	11.1	11.1	11.1	11.1			1 3 1/2	
VISCOSITY	147	132	130	147	2-BRININ 500"		2 5 1/2	
GEL							3 4 1/2	
P	NO 1 PRES SURE	1500	L				4 3 1/2	
U	MODEL S P M	47	L				5 3 1/2	
M	NO 2 PRES SURE	6	L				6 2 1/2	
P	MODEL S P M						7 2 1/2	
S	NO 1 PRES SURE						8 2 1/2	
	MODEL S P M						9 2 1/2	
	NO 2 PRES SURE						10 2 1/2	
	MODEL S P M						11 2 1/2	

W.L. F.C. pH

Used 1 gallon of LGAP CASALTI.

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked HRS

DRILLER	...	8
DERRICK	...	8
MOTOR	...	8
FLOOR	...	8
FLOOR	...	8
FLOOR	...	8
FIREMAN		
EXTRA		
INJURIES:		
FIRES:		

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL	WATER	COAL	STAN SING
11713	9	11722	9	240	23	13 1/2	58					11
NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D CO
1167	8 3/4	CONV	2 1/2	46393	50	42	41		11 1/2			23

MUD	4 PM	6 PM	8 PM	10 PM	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
WEIGHT	11.1	11.1	11.1	11.1			1 3 1/2	
VISCOSITY	147	132	130	147	2-BRININ 500"		2 5 1/2	
GEL							3 4 1/2	
P	NO 1 PRES SURE	1500	L				4 3 1/2	
U	MODEL S P M	47	L				5 3 1/2	
M	NO 2 PRES SURE	6	L				6 2 1/2	
P	MODEL S P M						7 2 1/2	
S	NO 1 PRES SURE						8 2 1/2	
	MODEL S P M						9 2 1/2	
	NO 2 PRES SURE						10 2 1/2	
	MODEL S P M						11 2 1/2	

W.L. F.C. pH

To Co Ring on Bit No _____ DP Calipered Date _____ Results _____ From Pipe Rack _____

B O P Test Operated _____ Time _____ Results _____



DAILY DRILLING REPORT

DAY WORK RECORD

THIS IS 12th DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE 12-8-62

RILL COLLARS		FUEL	WATER	COAL	STANDS
D	ID	WGT	GALS	BBLs	TONS
14	14	28			114
SINGLES					114
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS
59		21 1/2		Running	114
OTHER FT					
C B FT					
SUBS FT					
AT SURVEYS DEGREE					
MOTOR HOURS					
NEXT OIL CHANGE					
1					11
2					4 1/2
3					5 1/2
4					4 1/2
5					2 1/2
TOTAL					11,670.00
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP
	129,124				

1 2' Cameron Gate Packing

Butter & Gas

REMARKS	TIME	
	START	STOP INTERVAL
Drill & Run 11-65	10:00	8:00 8

RILL COLLARS		FUEL	WATER	COAL	STANDS
D	ID	WGT	GALS	BBLs	TONS
14	14	28			114
SINGLES					114
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS
50		22 1/2		Tipping	114
OTHER FT					
C B FT					
SUBS FT					
AT SURVEYS DEGREE					
MOTOR HOURS					
NEXT OIL CHANGE					
1					3 1/4
2					4 3/4
3					3 3/4
4					3 1/4
5					3 1/4
TOTAL					11,192.00
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP

1 Polystyrene Damper Rubber

#1 12 slip

REMARKS	TIME	
	START	STOP INTERVAL
Drilling 8 1/2 Hole	8:00	9:00 1 00
Hoist & Blow Kelly	9:00	10:00 1 00
Repair Rotary Chain	10:00	10:30 1/2 Repr
Hoist	10:30	1:45 3 15 600
Magnet Flux DC	1:45	4:00 2 15 600

RILL COLLARS		FUEL	WATER	COAL	STANDS
D	ID	WGT	GALS	BBLs	TONS
14	14	28			114
SINGLES					114
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D COLLARS
2		14			23-66375
OTHER FT					
C B FT					
SUBS FT					
AT SURVEYS DEGREE					
MOTOR HOURS					
NEXT OIL CHANGE					
1					3 3/4
2					4 1/4
3					4 1/4
4					4 1/4
5					4 1/4
TOTAL					11,192.00
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME	
	START	STOP INTERVAL
Magnet Flux DC	4:00	7:00 3 00 600
SKIPPED 20' DRILLAGE	7:00	11:00 4 00 600
Drill & Run 11-65	11:00	11:00 0 00

From Pipe Rack TOTAL CONTRACTOR TIME HRS TOOLPUSHER

TOTAL COMPANY TIME HRS APPROVED BY

DAILY DRILLING REPORT

CONVENTIONAL AND

DAY WORK RECORD

THIS IS 2nd DAY ON THIS WELL

NOTE - Please show FOOTAGE made while Control Drilling as well as HOURS.

DATE 11-1-19

ALL COLLARS ID WGT	FUEL GALS	WATER BBLs	COAL TONS	STANDS SINGLES	REMARKS	TIME START STOP INTERVAL
FT DRLD FT RMD HRS DEPTH OUT CONDITION						
AT SURVEYS DEGREE	MOTOR HOURS	FEET UP ON KELLY	FEET LEFT ON SPOOL			
11.0 0.1	1 342 2 416 3 451 4 475 5 414	11616.00				
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL		
537	152.811	30'				

11.0 3 HRS

THROW KELLY LINE
FOR MORE WORK
FLUCTUATE TO 11.5 HRS PER HOUR

ALL COLLARS ID WGT	FUEL GALS	WATER BBLs	COAL TONS	STANDS SINGLES	REMARKS	TIME START STOP INTERVAL
FT DRLD FT RMD HRS DEPTH OUT CONDITION						
AT SURVEYS DEGREE	MOTOR HOURS	FEET UP ON KELLY	FEET LEFT ON SPOOL			
10.2 8.5	1 226 2 969 3 365 4 483 5 320	11149.10				
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL		

10.2 8.5 HRS

FINISH IN 11.0
CLEAN TO BOTTOM
LAC 2 1/2 HRS

ALL COLLARS ID WGT	FUEL GALS	WATER BBLs	COAL TONS	STANDS SINGLES	REMARKS	TIME START STOP INTERVAL
FT DRLD FT RMD HRS DEPTH OUT CONDITION						
AT SURVEYS DEGREE	MOTOR HOURS	FEET UP ON KELLY	FEET LEFT ON SPOOL			
11.0 1.0	1 353 2 412 3 373 4 491 5 393	13113.70				
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL		

11.0 1.0 HRS

FINISH 2 1/2 HRS

From Pipe Rack

TOTAL CONTRACTOR TIME _____ HRS
TOLL PUSHER _____ HRS
TOTAL COMPANY TIME _____ HRS
APPROVED BY _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS

DAY ON THIS WELL

RIG No. 19 COMPANY ... LOCATION ... DATE ...

Tour - Midnight - 8 a.m.
Specify Actual Hours Worked _____ HRS

DRILLER	W...	FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL	WATER	COAL
DERRICK	C...	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
MOTOR	M...	MUD											
FLOOR		WEIGHT											
FLOOR		VISCOSITY											
FIREMAN		GEL											
EXTRA		PUMPS											
INJURIES:		NO 1 PRES SURE MODEL SPM											
FIRES:		NO 2 PRES SURE MODEL SPM											

Tour - 8 a.m. - 4 p.m.
Specify Actual Hours Worked _____ HRS

DRILLER	F...	FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL	WATER	COAL
DERRICK	L...	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
MOTOR	W...	MUD											
FLOOR	D...	WEIGHT											
FLOOR	C...	VISCOSITY											
FIREMAN	R...	GEL											
EXTRA		PUMPS											
INJURIES:		NO 1 PRES SURE MODEL SPM											
FIRES:	N	NO 2 PRES SURE MODEL SPM											

Tour - 4 p.m. - Midnight
Specify Actual Hours Worked _____ HRS

DRILLER	S...	FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WGT	FUEL	WATER	COAL
DERRICK	S...	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
MOTOR	S...	MUD											
FLOOR		WEIGHT											
FLOOR		VISCOSITY											
FIREMAN		GEL											
EXTRA		PUMPS											
INJURIES:		NO 1 PRES SURE MODEL SPM											
FIRES:		NO 2 PRES SURE MODEL SPM											

Totco Ring on Bit No

D.P. Calipered Date

Results

From Pipe Rock

B.O.P. Test-Operated

Time

Results

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. 19 COMPANY _____ LOCATION _____ DATE _____

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL		
Specify Actual Hours Worked								NO	OD	ID	WGT	GALS	BBL'S	TONS
DRILLER	<u>W.H. Kennedy</u>	<u>11151</u>												
DERRICK	<u>8</u>	B												
MOTOR	<u>8</u>	I												
FLOOR	<u>8</u>	T												
FLOOR	<u>8</u>	S												
FLOOR	<u>7</u>													
FIREMAN														
EXTRA														
INJURIES:														
FIRES:														

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL		
Specify Actual Hours Worked								NO	OD	ID	WGT	GALS	BBL'S	TONS
DRILLER	<u>Ernest Kopke</u>	<u>11251</u>				<u>142</u>		<u>3 3/8</u>						
DERRICK	<u>8</u>	B												
MOTOR	<u>8</u>	I												
FLOOR	<u>8</u>	T												
FLOOR	<u>8</u>	S												
FLOOR	<u>8</u>													
FIREMAN														
EXTRA														
INJURIES:														
FIRES:														

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL		
Specify Actual Hours Worked								NO	OD	ID	WGT	GALS	BBL'S	TONS
DRILLER	<u>8</u>	<u>11251</u>												
DERRICK	<u>8</u>	B												
MOTOR	<u>8</u>	I												
FLOOR	<u>8</u>	T												
FLOOR	<u>8</u>	S												
FLOOR	<u>8</u>													
FIREMAN														
EXTRA														
INJURIES:														
FIRES:														

Total Ring on Bit No _____ DP Calipered Date _____ Results _____ From Pipe Rock _____
 BOP Test Operated _____ Time _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. 19 COMPANY Cascade LOCATION NV DATE _____ 19__

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	ST		
Specify Actual Hours Worked													TONS		
DRILLER	W	11751													
DERRICK		BITS													
MOTOR															
FLOOR															
FLOOR															
FLOOR															
FIREMAN															
EXTRA															
INJURIES:															
FIRES:															
		MUD		12 MN	2 A M	4 A M	6 A M	ADDITIVES			AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
		WEIGHT		10.5		5.8							1	228	
		VISCOSITY		65									2	104	
		GEL											3	129	
		NO 1 PRES SURE											4	120	
		MODEL S P M											5	468	
		LINER SIZE											FEET CUT		FEET LEFT ON SPOOL
		NO 2 PRES SURE											113		1245
		MODEL S P M													
		LINER SIZE													
		W.L.		F.C.		pH									

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	ST		
Specify Actual Hours Worked													TONS		
DRILLER	Ernest Kasper	11951													
DERRICK	Levi Hanks	BITS													
MOTOR	Walter Hanks														
FLOOR	Walter Zepher														
FLOOR	Alvin O. Jensen														
FLOOR	Ray White														
FIREMAN															
EXTRA															
INJURIES:															
FIRES:															
		MUD		8 A M	10 A M	12 NOON	2 P M	ADDITIVES			AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
		WEIGHT		10.5		4.6							1	516	
		VISCOSITY		65		61							2		
		GEL											3		
		NO 1 PRES SURE											4	12	
		MODEL S P M											5	976	
		LINER SIZE											FEET CUT		FEET LEFT ON SPOOL
		NO 2 PRES SURE													
		MODEL S P M													
		LINER SIZE													
		W.L.		F.C.		pH									

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	ST		
Specify Actual Hours Worked													TONS		
DRILLER		11951													
DERRICK		BITS													
MOTOR															
FLOOR															
FLOOR															
FLOOR															
FIREMAN															
EXTRA															
INJURIES:															
FIRES:															
		MUD		4 P M	6 P M	8 P M	10 P M	ADDITIVES			AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
		WEIGHT											1		
		VISCOSITY											2		
		GEL											3		
		NO 1 PRES SURE											4		
		MODEL S P M											5		
		LINER SIZE											FEET CUT		FEET LEFT ON SPOOL
		NO 2 PRES SURE													
		MODEL S P M													
		LINER SIZE													
		W.L.		F.C.		pH									

Take Ring on Bit No _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS _____ DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE 12-13-64

ALL COLLARS	FUEL	WATER	COAL	STANDS
D I D WGT	GALS	BBLs	TONS	SINGLES
1 1 1				1 - 114.75
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE				MOTOR HOURS
				1 108
				2 104
				3 157
				4 120
				5 468
				FEET LEFT ON SPOOL
				1145.10
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
	1536		143	1145.10

REMARKS	TIME	
	START	STOP
	8:00	8:00

ALL COLLARS	FUEL	WATER	COAL	STANDS
D I D WGT	GALS	BBLs	TONS	SINGLES
1 1 1				1 - 194.5
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE				MOTOR HOURS
				1 516
				2
				3
				4 185
				5 996
				FEET LEFT ON SPOOL
				1179.10
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
			12	1179.10

Pin & Write Under Pipe
Hirst to Pipe - 2 1/2" Dia
8:00 2:00 6
4:00 1

Unload Flare & Haul
2 1/2" Pipe from Airport
to House

ALL COLLARS	FUEL	WATER	COAL	STANDS
D I D WGT	GALS	BBLs	TONS	SINGLES
1 1 1				3 - 114.75
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE				MOTOR HOURS
				1
				2
				3
				4
				5
				FEET LEFT ON SPOOL
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL

3 - 114.75

From Pipe Rack

TOTAL CONTRACTOR TIME _____ HRS
 TOTAL COMPANY TIME _____ HRS
 TOOLPUSHER _____
 APPROVED BY _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS

DAY ON THIS WELL

RIG No. 18 COMPANY C LOCATION N DATE 11 1957

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WG	FUEL	WATER	COAL
Specify Actual Hours Worked											GALS	BBLs	TONS
DRILLER	8	11112											
DERRICK	8	11112											
MOTOR	8	11112											
FLOOR	8	11112											
FLOOR	8	11112											
FLOOR	8	11112											
FIREMAN													
EXTRA													
INJURIES:													
FIRES:													
		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
		1	4 1/2	S		6214	8	70					
		MUD											
		WEIGHT											
		VISCOSITY											
		GEL											
		ADDITIVES											
		AT SURVEYS DEGREE											
		MOTOR HOURS											
		NEXT OIL CHANGE											
		NO 1	PRES SURE										
		MODEL	S P M										
		NO 2	PRES SURE										
		MODEL	S P M										
		NO 1	PRES SURE										
		MODEL	S P M										
		NO 2	PRES SURE										
		MODEL	S P M										
		GENERAL											
		W L	F C	pH									

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WG	FUEL	WATER	COAL
Specify Actual Hours Worked											GALS	BBLs	TONS
DRILLER	8	1197											
DERRICK	8	1197											
MOTOR	8	1197											
FLOOR	8	1197											
FLOOR	8	1197											
FLOOR	8	1197											
FIREMAN													
EXTRA													
INJURIES:													
FIRES:													
		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
		MUD											
		WEIGHT											
		VISCOSITY											
		GEL											
		ADDITIVES											
		AT SURVEYS DEGREE											
		MOTOR HOURS											
		NEXT OIL CHANGE											
		NO 1	PRES SURE										
		MODEL	S P M										
		NO 2	PRES SURE										
		MODEL	S P M										
		NO 1	PRES SURE										
		MODEL	S P M										
		NO 2	PRES SURE										
		MODEL	S P M										
		GENERAL											
		W L	F C	pH									

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS NO	OD	ID	WG	FUEL	WATER	COAL
Specify Actual Hours Worked											GALS	BBLs	TONS
DRILLER	8	1751											
DERRICK	8	1751											
MOTOR	8	1751											
FLOOR	8	1751											
FLOOR	8	1751											
FLOOR	8	1751											
FIREMAN													
EXTRA													
INJURIES:													
FIRES:													
		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
		MUD											
		WEIGHT											
		VISCOSITY											
		GEL											
		ADDITIVES											
		AT SURVEYS DEGREE											
		MOTOR HOURS											
		NEXT OIL CHANGE											
		NO 1	PRES SURE										
		MODEL	S P M										
		NO 2	PRES SURE										
		MODEL	S P M										
		NO 1	PRES SURE										
		MODEL	S P M										
		NO 2	PRES SURE										
		MODEL	S P M										
		GENERAL											
		W L	F C	pH									

Totco Ring on Bit No

D.P. Calipered Date

Results

From Pipe Rack

B.O.P. Test-Operated

Time

Results

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19__

Tour - Midnight - 8 a.m.
Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA
					NO	O'D	I'D	WGT	GALS	BBLs	TONS
DRILLER											
DERRICK											
MOTOR											
FLOOR											
FLOOR											
FLOOR											
FIREMAN											
EXTRA											
INJURIES:											
FIRES:											

BITS

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD

12 MN	2 A M	4 A M	6 A M	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE

WEIGHT

VISCOSITY

GEL

PUMPS

NO 1	PRES SURE	MODEL	NO 2	PRES SURE	MODEL	NO 3	PRES SURE	MODEL

GENERAL

W.L. _____ F.C. _____ pH _____

Tour - 8 a.m. - 4 p.m.
Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA
					NO	O'D	I'D	WGT	GALS	BBLs	TONS
DRILLER											
DERRICK											
MOTOR											
FLOOR											
FLOOR											
FLOOR											
FIREMAN											
EXTRA											
INJURIES:											
FIRES:											

BITS

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD

8 A M	10 A M	12 NOON	2 P M	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE

WEIGHT

VISCOSITY

GEL

PUMPS

NO 1	PRES SURE	MODEL	NO 2	PRES SURE	MODEL	NO 3	PRES SURE	MODEL

GENERAL

W.L. _____ F.C. _____ pH _____

Tour - 4 p.m. - Midnight
Specify Actual Hours Worked _____ HRS

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA
					NO	O'D	I'D	WGT	GALS	BBLs	TONS
DRILLER											
DERRICK											
MOTOR											
FLOOR											
FLOOR											
FLOOR											
FIREMAN											
EXTRA											
INJURIES:											
FIRES:											

BITS

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION

MUD

4 P M	6 P M	8 P M	10 P M	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE

WEIGHT

VISCOSITY

GEL

PUMPS

NO 1	PRES SURE	MODEL	NO 2	PRES SURE	MODEL	NO 3	PRES SURE	MODEL

GENERAL

W.L. _____ F.C. _____ pH _____

Torque Ring on Bit No _____ D.P. Calipered Date _____ Results _____ From Pipe Rock _____
 B.O.P. Test Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

DAY WORK RECORD

THIS IS _____ DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE 19 14										REMARKS			TIME		
WELL COLLARS		FUEL		WATER		COAL		STANDS		START	STOP	INTERVAL			
D	I.D.	WGT	GALS	BBLS	TONS			SINGLES							
FT DRLD		FT RMD		HRS		DEPTH OUT		CONDITION		D COLLARS					
										OTHER FT					
										C B FT					
										SUBS FT					
										FT UP ON KELLY					
										TOTAL					
TON MILES		TOTAL MILES		SLIP		FEET CUT		FEET LEFT ON SPOOL		NEXT SLIP					

4 feet run to ...
 ...
 ...

DATE 19 14										REMARKS			TIME										
WELL COLLARS		FUEL		WATER		COAL		STANDS		START	STOP	INTERVAL											
D	I.D.	WGT	GALS	BBLS	TONS			SINGLES															
FT DRLD		FT RMD		HRS		DEPTH OUT		CONDITION		D COLLARS													
										OTHER FT													
										C B FT													
										SUBS FT													
										FT UP ON KELLY													
										TOTAL													
TON MILES		TOTAL MILES		SLIP		FEET CUT		FEET LEFT ON SPOOL		NEXT SLIP													
Final facing down to 18' 00" Measure 18' 00" = 18' 5" 11" 7' 00" total 18' 30" Standby Block in Derrick 1' 00" Pick up 18' 00" = 18' 00" Mill for Tank Subs (3) 2' 15" Run in w/ Mill 2' 15" 4' 15" 13'										8:00	10:00	2	1:00	3	1:45	3	2:15	1/2	4:15	13'			
184		6236		12		5957																	

DATE 19 14										REMARKS			TIME					
WELL COLLARS		FUEL		WATER		COAL		STANDS		START	STOP	INTERVAL						
D	I.D.	WGT	GALS	BBLS	TONS			SINGLES										
FT DRLD		FT RMD		HRS		DEPTH OUT		CONDITION		D COLLARS								
										OTHER FT								
										C B FT								
										SUBS FT								
										FT UP ON KELLY								
										TOTAL								
TON MILES		TOT L MILES		SLIP		FEET CUT		FEET LEFT ON SPOOL		NEXT SLIP								
From Pipe Rack TOTAL CONTRACTOR TIME TOTAL COMPANY TIME										HRS	TOOLPUSHER		HRS	APPROVED BY				

From Pipe Rack
 TOTAL CONTRACTOR TIME
 TOTAL COMPANY TIME
 HRS TOOLPUSHER
 HRS APPROVED BY

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS

DAY ON THIS WELL

RIG No. 4 COMPANY Cascade Drilling Company Limited LOCATION 11212 DATE 11-2-19

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS				FUEL	WATER	COAL	ST
Specify Actual Hours Worked							NO	OD	ID	WT	GALS	BBLs	TONS	SIN
DRILLER	<u>John Henry</u>													
DERRICK	<u>Ray</u>													
MOTOR	<u>John Henry</u>													
FLOOR	<u>John Henry</u>													
FLOOR														
FLOOR														
FIREMAN														
EXTRA														
INJURIES:														
FIRES:														

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS				FUEL	WATER	COAL	ST
Specify Actual Hours Worked							NO	OD	ID	WT	GALS	BBLs	TONS	SIN
DRILLER	<u>William Henry</u>	<u>9029</u>	<u>7</u>	<u>11212</u>	<u>12</u>	<u>13000</u>	<u>4</u>	<u>7 1/2</u>	<u>4 1/2</u>					
DERRICK	<u>Ray</u>													
MOTOR	<u>John Henry</u>													
FLOOR	<u>John Henry</u>													
FLOOR	<u>John Henry</u>													
FLOOR	<u>John Henry</u>													
FIREMAN														
EXTRA														
INJURIES:														
FIRES:														

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS				FUEL	WATER	COAL	ST
Specify Actual Hours Worked							NO	OD	ID	WT	GALS	BBLs	TONS	SIN
DRILLER	<u>Forest Egler</u>	<u>9138</u>												
DERRICK	<u>Leone Harkins</u>													
MOTOR	<u>William Harkins</u>													
FLOOR	<u>Walter Zehner</u>													
FLOOR	<u>Charles Struble</u>													
FLOOR														
FIREMAN														
EXTRA														
INJURIES:														
FIRES:														

Total Ring on Bit No

D.P. Caliper Date

Results

From Pipe Rack

B.O.P. Test Operated

Time

Results

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. 9 COMPANY _____

LOCATION _____ DATE _____ 19__

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	ST	
Specify Actual Hours Worked							NO	OD	ID	WGT	GALS	BBLs	TONS	
DRILLER		BITS												
DERRICK		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDIT	
MOTOR		MUD												
FLOOR		12 MN	2 A M	4 A M	6 A M	ADDITIVES				AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
FLOOR		WEIGHT												
FLOOR		VISCOSITY												
FIREMAN		GEL												
EXTRA		PUMPS												
INJURIES:		NO 1	PRES SURE	MODEL		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL
RES:		NO 2	PRES SURE	MODEL		GENERAL								
		W L		F C		p H								

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	ST	
Specify Actual Hours Worked							NO	OD	ID	WGT	GALS	BBLs	TONS	
DRILLER		BITS												
DERRICK		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
MOTOR		MUD												
FLOOR		8 A M	10 A M	2 NOON	2 P M	ADDITIVES				AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
FLOOR		WEIGHT												
FLOOR		VISCOSITY												
FIREMAN		GEL												
EXTRA		PUMPS												
INJURIES:		NO 1	PRES SURE	MODEL		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL
FIRES:		NO 2	PRES SURE	MODEL		GENERAL								
		W L		F C		p H								

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	ST	
Specify Actual Hours Worked							NO	OD	ID	WGT	GALS	BBLs	TONS	
DRILLER		BITS												
DERRICK		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
MOTOR		MUD												
FLOOR		4 P M	6 P M	8 P M	10 P M	ADDITIVES				AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE
FLOOR		WEIGHT												
FLOOR		VISCOSITY												
FIREMAN		GEL												
EXTRA		PUMPS												
INJURIES:		NO 1	PRES SURE	MODEL		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL
FIRES:		NO 2	PRES SURE	MODEL		GENERAL								
		W L		F C		p H								

Torco Ring on Bit No _____ DP Carpered Date _____ Results _____ From Pipe Rack _____
 B O P Test-Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE 19										REMARKS		
										START	TIME STOP	INTERVAL
WELL COLLARS		FUEL		WATER		COAL		STANDS				
ID	WGT	GALS		BBLs		TONS		SINGLES				
FT DRLD		FT RMD		HRS		DEPTH OUT		CONDITION				
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE								
		1										
		2										
		3										
		4										
		5										
TON MILES		TOTAL MILES		SLIP		FEET OR CUT		FEET LEFT ON SPOOL		NEXT SLIP		
WELL COLLARS		FUEL		WATER		COAL		STANDS				
ID	WGT	GALS		BBLs		TONS		SINGLES				
FT DRLD		FT RMD		HRS		DEPTH OUT		CONDITION				
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE								
		1										
		2										
		3										
		4										
		5										
TON MILES		TOTAL MILES		SLIP		FEET OR CUT		FEET LEFT ON SPOOL		NEXT SLIP		
WELL COLLARS		FUEL		WATER		COAL		STANDS				
ID	WGT	GALS		BBLs		TONS		SINGLES				
FT DRLD		FT RMD		HRS		DEPTH OUT		CONDITION				
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE								
		1										
		2										
		3										
		4										
		5										
TON MILES		TOTAL MILES		SLIP		FEET OR CUT		FEET LEFT ON SPOOL		NEXT SLIP		

From Pipe Rack

TOTAL CONTRACTOR TIME

HRS

TOOLPUSHER

TOTAL COMPANY TIME

HRS

APPROVED BY

[Handwritten signature]

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19 _____

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA	
Specify Actual Hours Worked							NO	O.D.	I.D.	WGT	GALS	BBLs	TONS	
DRILLER		B I T S												
DERRICK		B I T S												
MOTOR		B I T S												
FLOOR		B I T S												
FLOOR		B I T S												
FLOOR		B I T S												
FIREMAN		B I T S												
EXTRA		B I T S												
INJURIES:		B I T S												
FIRES:		B I T S												
		MUD				12 MN	2 A.M.	4 A.M.	6 A.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	
		WEIGHT				10.3						1		
		VISCOSITY				70						2		
		GEL										3		
		PUMPS										4		
		NO. 1 PRES-SURE										5		
		MODEL S.P.M.												
		LINER SIZE												
		NO. 2 PRES-SURE												
		MODEL S.P.M.												
		LINER SIZE												
		GENERAL												
		W.L.				F.C.	pH.							

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA	
Specify Actual Hours Worked							NO	O.D.	I.D.	WGT	GALS	BBLs	TONS	
DRILLER		B I T S												
DERRICK		B I T S												
MOTOR		B I T S												
FLOOR		B I T S												
FLOOR		B I T S												
FLOOR		B I T S												
FIREMAN		B I T S												
EXTRA		B I T S												
INJURIES:		B I T S												
FIRES:		B I T S												
		MUD				8 A.M.	10 A.M.	12 NOON	2 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	
		WEIGHT										1		
		VISCOSITY										2		
		GEL										3		
		PUMPS										4		
		NO. 1 PRES-SURE										5		
		MODEL S.P.M.												
		LINER SIZE												
		NO. 2 PRES-SURE												
		MODEL S.P.M.												
		LINER SIZE												
		GENERAL												
		W.L.				F.C.	pH.							

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA	
Specify Actual Hours Worked							NO	O.D.	I.D.	WGT	GALS	BBLs	TONS	
DRILLER		B I T S												
DERRICK		B I T S												
MOTOR		B I T S												
FLOOR		B I T S												
FLOOR		B I T S												
FLOOR		B I T S												
FIREMAN		B I T S												
EXTRA		B I T S												
INJURIES:		B I T S												
FIRES:		B I T S												
		MUD				4 P.M.	6 P.M.	8 P.M.	10 P.M.	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	
		WEIGHT										3.4		
		VISCOSITY										2		
		GEL										3		
		PUMPS										4		
		NO. 1 PRES-SURE										5		
		MODEL S.P.M.												
		LINER SIZE												
		NO. 2 PRES-SURE												
		MODEL S.P.M.												
		LINER SIZE												
		GENERAL												
		W.L.				F.C.	pH.							

Totco Ring on Bit No _____ DP Calipered Date _____ Results _____ From Pipe Rock _____
 BOP Test-Operated _____ Time _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19 _____

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	ST	
Specify Actual Hours Worked							NO	OD	WGT	GALS	BBLS	TONS	SIN	
DRILLER		BITS												
DERRICK		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
MOTOR	4													
FLOOR	4													
FLOOR		MUD					ADDITIVES			AT SURVEYS DEGREE		MOTOR HOURS	NEXT OIL CHANGE	
FLOOR		WEIGHT												
FLOOR		VISCOSITY												
FLOOR		GEL												
FIREMAN		PUMPS												
EXTRA		NO 1	PRES-SURE										1	
		MODEL	S P M										2	
		LINER SIZE		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL		
INJURIES:		NO 2	PRES-SURE										3	
		MODEL	S P M										4	
		LINER SIZE											5	
FIRES:		GENERAL												
		W.L.	F.C.											

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	ST	
Specify Actual Hours Worked							NO	OD	WGT	GALS	BBLS	TONS	SIN	
DRILLER	8	BITS												
DERRICK	8	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
MOTOR	8													
FLOOR	8	MUD					ADDITIVES			AT SURVEYS DEGREE		MOTOR HOURS	NEXT OIL CHANGE	
FLOOR	8	WEIGHT												
FLOOR	8	VISCOSITY												
FLOOR	8	GEL												
FIREMAN	8	PUMPS												
EXTRA	8	NO 1	PRES-SURE										1	
	8	MODEL	S P M										2	
	8	LINER SIZE		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL		
INJURIES:	8	NO 2	PRES-SURE										3	
	8	MODEL	S P M										4	
	8	LINER SIZE											5	
FIRES:	8	GENERAL												
	8	W.L.	F.C.											

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	ST	
Specify Actual Hours Worked							NO	OD	WGT	GALS	BBLS	TONS	SIN	
DRILLER	11	BITS												
DERRICK	11	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
MOTOR	11													
FLOOR	11	MUD					ADDITIVES			AT SURVEYS DEGREE		MOTOR HOURS	NEXT OIL CHANGE	
FLOOR	11	WEIGHT												
FLOOR	11	VISCOSITY												
FLOOR	11	GEL												
FIREMAN	11	PUMPS												
EXTRA	11	NO 1	PRES-SURE										1	
	11	MODEL	S P M										2	
	11	LINER SIZE		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL		
INJURIES:	11	NO 2	PRES-SURE										3	
	11	MODEL	S P M										4	
	11	LINER SIZE											5	
FIRES:	11	GENERAL												
	11	W.L.	F.C.											

Totco Ring on Bit No

DP Calipered Date

Results

From Face Rock

BOP Test Operated

Time

Results

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS

DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19__

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	ST	
Specify Actual Hours Worked							NO.	OD	ID	WGT	GALS	BBLs	TONS	
DRILLER		BITS												
DERRICK		NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
MOTOR		MUD												
FLOOR		12 M.M.	2 A.M.	4 A.M.	6 A.M.	ADDITIVES				AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE		
FLOOR		WEIGHT												
FLOOR		VISCOSITY												
FIREMAN		GEL												
EXTRA		PUMPS												
INJURIES:		NO. 1	PRES-SURE	LINER SIZE		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL
		NO. 2	PRES-SURE	LINER SIZE		GENERAL								
FIRES:		W.L.		F.C.		pH								

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	ST	
Specify Actual Hours Worked							NO.	OD	ID	WGT	GALS	BBLs	TONS	
DRILLER		BITS												
DERRICK		NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
MOTOR		MUD												
FLOOR		8 A.M.	10 A.M.	12 NOON	2 P.M.	ADDITIVES				AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE		
FLOOR		WEIGHT												
FLOOR		VISCOSITY												
FIREMAN		GEL												
EXTRA		PUMPS												
INJURIES:		NO. 1	PRES-SURE	LINER SIZE		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL
		NO. 2	PRES-SURE	LINER SIZE		GENERAL								
FIRES:		W.L.		F.C.		pH								

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	ST	
Specify Actual Hours Worked							NO.	OD	ID	WGT	GALS	BBLs	TONS	
DRILLER		BITS												
DERRICK		NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
MOTOR		MUD												
FLOOR		4 P.M.	6 P.M.	8 P.M.	10 P.M.	ADDITIVES				AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE		
FLOOR		WEIGHT												
FLOOR		VISCOSITY												
FIREMAN		GEL												
EXTRA		PUMPS												
INJURIES:		NO. 1	PRES-SURE	LINER SIZE		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL
		NO. 2	PRES-SURE	LINER SIZE		GENERAL								
FIRES:		W.L.		F.C.		pH								

Torco Ring on Bit No

D.P. Calibrated Date

Results

From Pipe Rack

B.O.P. Test Operated

Time

Results

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19__

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT	GALS.	BBLs	TONS
DRILLER	HRS.												
DERRICK													
MOTOR													
FLOOR													
FLOOR													
FLOOR													
FIREMAN													
EXTRA													
INJURIES:													
FIRES:													

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT	GALS.	BBLs	TONS
DRILLER	HRS.												
DERRICK													
MOTOR													
FLOOR													
FLOOR													
FLOOR													
FIREMAN													
EXTRA													
INJURIES:													
FIRES:													

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT	GALS.	BBLs	TONS
DRILLER	HRS.												
DERRICK													
MOTOR													
FLOOR													
FLOOR													
FLOOR													
FIREMAN													
EXTRA													
INJURIES:													
FIRES:													

Totco Ring on Bit No.

DP Caliper Date

Results

From Pipe Rack

BOP Test Operated

Time

Results

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19__

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA	
Specify Actual Hours Worked _____ HRS							NO	O D	I D	WGT	GALS	BBLs	TONS	
DRILLER	1	BITS												
DERRICK	4	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
MOTOR	8	MUD												
FLOOR	8	12 MN	2 A M	4 A M	6 A M	ADDITIVES				AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE		
FLOOR	8	WEIGHT												
FLOOR	8	VISCOSITY												
FLOOR	8	GEL												
FIREMAN		PUMPS												
EXTRA		NO 1	PRES-SURE										1	
INJURIES:		MODEL	S P M										2	
FIRES:		LINER SIZE		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL		
		NO 2	PRES-SURE										3	
		MODEL	S P M										4	
		LINER SIZE											5	
		GENERAL												
		W.L.	F.C.											

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA	
Specify Actual Hours Worked _____ HRS							NO	O D	I D	WGT	GALS	BBLs	TONS	
DRILLER	8	BITS												
DERRICK	8	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
MOTOR	8	MUD												
FLOOR	8	8 A M	10 A M	12 NOON	2 P.M.	ADDITIVES				AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE		
FLOOR	8	WEIGHT												
FLOOR	8	VISCOSITY												
FLOOR	8	GEL												
FIREMAN	8	PUMPS												
EXTRA	8	NO 1	PRES-SURE										1	
INJURIES:		MODEL	S P M										2	
FIRES:		LINER SIZE		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL		
		NO 2	PRES-SURE										3	
		MODEL	S P M										4	
		LINER SIZE											5	
		GENERAL												
		W.L.	F.C.											

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STA	
Specify Actual Hours Worked _____ HRS							NO	O D	I D	WGT	GALS	BBLs	TONS	
DRILLER	8	BITS												
DERRICK	8	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	
MOTOR	8	MUD												
FLOOR	8	4 P M	6 P M	8 P M	10 P M	ADDITIVES				AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE		
FLOOR	8	WEIGHT												
FLOOR	8	VISCOSITY												
FLOOR	8	GEL												
FIREMAN	8	PUMPS												
EXTRA	8	NO 1	PRES-SURE										1	
INJURIES:		MODEL	S P M										2	
FIRES:		LINER SIZE		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL		
		NO 2	PRES-SURE										3	
		MODEL	S P M										4	
		LINER SIZE											5	
		GENERAL												
		W.L.	F.C.											

Totco Ring on Bit No
B O P Test Operated

D P Calipered Core
Time

Results
Results

From Pipe Rock

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. 19 COMPANY LOCATION DATE 19

Tour - Midnight - 8 a.m.

Specify Actual Hours Worked HRS

DRILLER W 8

DERRICK 8

MOTOR N. 2 2000 8

FLOOR 8

FLOOR 8

FIREMAN

EXTRA

INJURIES:

FIRES:

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN
					NO	O D	I D					WGT	GALS	BBLs	TONS

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D CO

MUD	12 MN	2 A M	4 A M	6 A M	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE

NO 1	PRES SURE	MODEL	S P M	L I N E R	S I Z E	T R I P S	N O L I N E S	T O N M I L E S	T O T A L M I L E S	S L I P	F E E T O R	C U T	F E E T L E F T O N S P O O L

W.L. F.C. pH.

Tour - 8 a.m. - 4 p.m.

Specify Actual Hours Worked HRS

DRILLER Boas 8

DERRICK 8

MOTOR 8

FLOOR 8

FLOOR 8

FIREMAN

EXTRA

INJURIES:

FIRES:

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN
					NO	O D	I D					WGT	GALS	BBLs	TONS

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D CO

MUD	8 A M	10 A M	12 NOON	2 P M	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE

NO 1	PRES SURE	MODEL	S P M	L I N E R	S I Z E	T R I P S	N O L I N E S	T O N M I L E S	T O T A L M I L E S	S L I P	F E E T O R	C U T	F E E T L E F T O N S P O O L

W.L. F.C. pH.

Tour - 4 p.m. - Midnight

Specify Actual Hours Worked HRS

DRILLER 8

DERRICK 8

MOTOR 8

FLOOR 8

FLOOR 8

FIREMAN

EXTRA

INJURIES:

FIRES:

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS)	DRILL COLLARS			FUEL	WATER	COAL	STAN
					NO	O D	I D					WGT	GALS	BBLs	TONS

NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D CO

MUD	4 P M	6 P M	8 P M	10 P M	ADDITIVES	AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE

NO 1	PRES SURE	MODEL	S P M	L I N E R	S I Z E	T R I P S	N O L I N E S	T O N M I L E S	T O T A L M I L E S	S L I P	F E E T O R	C U T	F E E T L E F T O N S P O O L

W.L. F.C. pH.

Totco Ring on Bit No DP Calipered Date Results From Pipe Rack

B O P Test Operated Time Results

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS _____ DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE 7/10/44 1944

WELL COLLARS			FUEL	WATER	COAL	STANDS
D	I.D.	WGT.	GALS.	BBL.	TONS	SINGLES
FT. DRLD.			FT. RMD.	HRS.	DEPTH OUT	CONDITION
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
			1			
			2			
			3			
			4			
			5			
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME																																												
	START	STOP	INTERVAL																																										
			8																																										
<table border="1"> <tr> <th>Date</th> <th>Time</th> <th>Rate</th> <th>Rate</th> <th>Rate</th> <th>Rate</th> <th>Rate</th> </tr> <tr> <td>Aug 5</td> <td>7:00 AM</td> <td>10</td> <td>450</td> <td>1500</td> <td>50</td> <td>Flow some salt water</td> </tr> <tr> <td></td> <td>11:00 AM</td> <td>75</td> <td>50</td> <td>NG</td> <td>1</td> <td>Flow some salt water</td> </tr> <tr> <td></td> <td>3:00 PM</td> <td>10</td> <td>450</td> <td>1500</td> <td>50</td> <td></td> </tr> <tr> <td></td> <td>6:00 PM</td> <td>100</td> <td>500</td> <td>1500</td> <td>50</td> <td></td> </tr> <tr> <td></td> <td>4:00 PM</td> <td>700</td> <td>475</td> <td>1500</td> <td>50</td> <td>SPC water diminishing</td> </tr> </table>	Date	Time	Rate	Rate	Rate	Rate	Rate	Aug 5	7:00 AM	10	450	1500	50	Flow some salt water		11:00 AM	75	50	NG	1	Flow some salt water		3:00 PM	10	450	1500	50			6:00 PM	100	500	1500	50			4:00 PM	700	475	1500	50	SPC water diminishing			
Date	Time	Rate	Rate	Rate	Rate	Rate																																							
Aug 5	7:00 AM	10	450	1500	50	Flow some salt water																																							
	11:00 AM	75	50	NG	1	Flow some salt water																																							
	3:00 PM	10	450	1500	50																																								
	6:00 PM	100	500	1500	50																																								
	4:00 PM	700	475	1500	50	SPC water diminishing																																							
Total Flow 34 hours - 5 trips into hole. No salt water available. Flow increasing 11:00 AM/1944																																													

WELL COLLARS			FUEL	WATER	COAL	STANDS
D	I.D.	WGT.	GALS.	BBL.	TONS	SINGLES
FT. DRLD.			FT. RMD.	HRS.	DEPTH OUT	CONDITION
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
			1	248	1944	
			2	22	1944	
			3	0		
			4	0		
			5	105		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

<p>Plugging B&L</p> <p>Done by gasse & plugging</p> <p>1 trip into hole</p> <p>0-01-1-11. 2 trips into hole</p> <p>2. Trips into hole</p>			
---	--	--	--

WELL COLLARS			FUEL	WATER	COAL	STANDS
D	I.D.	WGT.	GALS.	BBL.	TONS	SINGLES
FT. DRLD.			FT. RMD.	HRS.	DEPTH OUT	CONDITION
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
			1			
			2			
			3			
			4			
			5			
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

<p>Work up casing</p> <p>1 trip into hole</p>			
---	--	--	--

From Pipe Rack _____ TOTAL CONTRACTOR TIME _____ HRS TOOLPUSHER _____

_____ TOTAL COMPANY TIME 24 HRS APPROVED BY _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. 9 COMPANY _____ LOCATION _____ DATE _____ 19_____

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STAN					
Specify Actual Hours Worked _____ HRS							NO	O.D.	I.D.	WGT	GALS	BBLs	TONS					
DRILLER		BITS																
DERRICK		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH	OUT	CONDITION				
MOTOR																		
FLOOR																		
FLOOR		MUD					ADDITIVES					AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE				
FLOOR		WEIGHT										1						
FLOOR		VISCOSITY										2						
FIREMAN		GEL										3						
EXTRA		NO. 1 PRES-SURE										4						
		MODEL S.P.M.										5						
		LINER SIZE					SIZE					TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
INJURIES:		NO. 2 PRES-SURE																
		MODEL S.P.M.																
FIRES:		LINER SIZE																
		GENERAL																
		W.L.	F.C.	pH.														

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STAN					
Specify Actual Hours Worked _____ HRS							NO	O.D.	I.D.	WGT	GALS	BBLs	TONS					
DRILLER	<i>Russell Jones</i>	BITS																
DERRICK	<i>Ray Leonard</i>	NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH	OUT	CONDITION				
MOTOR	<i>Donna H. D-4</i>																	
FLOOR	<i>Mike Bood</i>																	
FLOOR	<i>Russell Bray</i>	MUD					ADDITIVES					AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE				
FLOOR		WEIGHT					<i>60 lbs per gal</i>					1	<i>208</i>					
FLOOR		VISCOSITY					<i>200 = constant</i>					2	<i>11</i>	<i>500</i>				
FLOOR		GEL										3	<i>0</i>	<i>68</i>				
FIREMAN		NO. 1 PRES-SURE										4	<i>0</i>					
EXTRA		MODEL S.P.M.										5	<i>100</i>					
		LINER SIZE					SIZE					TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
INJURIES:		NO. 2 PRES-SURE																
		MODEL S.P.M.																
FIRES:		LINER SIZE																
		GENERAL																
		W.L.	F.C.	pH.														

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STAN					
Specify Actual Hours Worked _____ HRS							NO	O.D.	I.D.	WGT	GALS	BBLs	TONS					
DRILLER		BITS																
DERRICK		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH	OUT	CONDITION				
MOTOR																		
FLOOR																		
FLOOR		MUD					ADDITIVES					AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE				
FLOOR		WEIGHT										1						
FLOOR		VISCOSITY										2						
FLOOR		GEL										3						
FIREMAN		NO. 1 PRES-SURE										4						
EXTRA		MODEL S.P.M.										5						
		LINER SIZE					SIZE					TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL
INJURIES:		NO. 2 PRES-SURE																
		MODEL S.P.M.																
FIRES:		LINER SIZE																
		GENERAL																
		W.L.	F.C.	pH.														

Totco Ring on Bit No _____ DP Caliper Date _____ Results _____ From Pipe Rack _____
 BOP Test-Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS _____ DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE 19 24

L COLLARS		FUEL		WATER		COAL		STANDS	
ID	WGT	GALS		BBLs		TONS		SINGLES	
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION		D COLLARS			
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		OTHER FT.			
		1				C B FT.			
		2				SUBS. FT.			
		3				FT. UP ON KELLY			
		4				TOTAL			
		5							
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL		NEXT SLIP			

Date	Time	REMARKS	HRS	MIN	SEC	TIME		
						START	STOP	INTERNAL
7/9	7:00 AM	250 150 170 20						Flowing
	7:45 AM	100-50 100-50 100-50 100-50						Flowing 1" Choke
	1:41	50 300						Flowing
	11:45	140 300 NG						Flowing
	1:45	140 350 NG						Flowing
	2:30 PM	100 350 NG						Flowing
	4:45	40 300 NG						Flowing

L COLLARS		FUEL		WATER		COAL		STANDS	
ID	WGT	GALS		BBLs		TONS		SINGLES	
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION		D COLLARS			
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		OTHER FT.			
		1 3:48				C B FT.			
		2 14 3:35				SUBS. FT.			
		3 0 1:48				FT. UP ON KELLY			
		4 0				TOTAL			
		5 1:04							
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL		NEXT SLIP			

Missing 600
Missing 600
Building road to radio-tower w/ 2-07 dozen cats
Have reserve well tank stand side pump house

L COLLARS		FUEL		WATER		COAL		STANDS	
ID	WGT	GALS		BBLs		TONS		SINGLES	
FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION		D COLLARS			
AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE		OTHER FT.			
		1				C B FT.			
		2				SUBS. FT.			
		3				FT. UP ON KELLY			
		4				TOTAL			
		5							
TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL		NEXT SLIP			

Concrete 6 MC
STR 100 100-100
100-100
100-100

From Pipe Rack

TOTAL CONTRACTOR TIME _____ HRS
TOTAL COMPANY TIME 4 HRS

TOOLPUSHER _____
APPROVED BY _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19__

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL	STAN			
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT	GALS.	BBLs	TONS	SINGL			
DRILLER	HRS.	BITS															
DERRICK		NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D CO			
MOTOR		OTHER															
FLOOR		C.B.															
FLOOR		MUD										AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	SUBS		
FLOOR		WEIGHT											1		FT U		
FLOOR		VISCOSITY											2		KELL		
FIREMAN		GEL											3		TOT		
EXTRA		PUMPS											4				
INJURIES:		NO. 1	PRES-SURE												5		
FIRES:		MODEL	S.P.M.														
		LINER SIZE		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL						
		NO. 2	PRES-SURE											GENERAL			
		MODEL	S.P.M.														
		LINER SIZE															
		W.L.		F.C.		pH.											

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL	STAN			
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT	GALS.	BBLs	TONS	SINGL			
DRILLER	HRS.	BITS															
DERRICK		NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D CO			
MOTOR		OTHER															
FLOOR		C.B.															
FLOOR		MUD										AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	SUBS		
FLOOR		WEIGHT											1		FT U		
FLOOR		VISCOSITY											2		KELL		
FIREMAN		GEL											3		TOT		
EXTRA		PUMPS											4				
INJURIES:		NO. 1	PRES-SURE												5		
FIRES:		MODEL	S.P.M.														
		LINER SIZE		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL						
		NO. 2	PRES-SURE											GENERAL			
		MODEL	S.P.M.														
		LINER SIZE															
		W.L.		F.C.		pH.											

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL	STAN			
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT	GALS.	BBLs	TONS	SINGL			
DRILLER	HRS.	BITS															
DERRICK		NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	D CO			
MOTOR		OTHER															
FLOOR		C.B.															
FLOOR		MUD										AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	SUBS		
FLOOR		WEIGHT											1		FT U		
FLOOR		VISCOSITY											2		KELL		
FIREMAN		GEL											3		TOT		
EXTRA		PUMPS											4				
INJURIES:		NO. 1	PRES-SURE												5		
FIRES:		MODEL	S.P.M.														
		LINER SIZE		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL						
		NO. 2	PRES-SURE											GENERAL			
		MODEL	S.P.M.														
		LINER SIZE															
		W.L.		F.C.		pH.											

Totco Ring on Bit No _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____

DAILY DRILLING REPORT

CONSERVATION BOARD

DAY WORK RECORD

THIS IS _____ DAY ON THIS WELL

NOTE - Please show FOOTAGE made while "Control Drilling" as well as HOURS.

DATE _____ 19__

WELL COLLARS			FUEL	WATER	COAL	STANDS
D.	I.D.	WGT	GALS.	BBLs	TONS	SINGLES
FT DRLD			FT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
			1			
			2			
			3			
			4			
			5			
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
HUGS 50 1100 1130 30			
50 1100 1130 30			
50 1100 1130 30			
50 1100 1130 30			
50 1100 1130 30			

WELL COLLARS			FUEL	WATER	COAL	STANDS
D.	I.D.	WGT	GALS.	BBLs	TONS	SINGLES
FT DRLD			FT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
			1	3:15		
			2	0		
			3	0		
			4	0		
			5	0		
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
7			
8			
5:00			

WELL COLLARS			FUEL	WATER	COAL	STANDS
D.	I.D.	WGT	GALS.	BBLs	TONS	SINGLES
FT DRLD			FT RMD	HRS	DEPTH OUT	CONDITION
AT SURVEYS DEGREE			MOTOR HOURS		NEXT OIL CHANGE	
			1			
			2			
			3			
			4			
			5			
TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	NEXT SLIP

REMARKS	TIME		
	START	STOP	INTERVAL
6:00			
3:00			
3:00			
3:00			

From Pipe Rock

TOTAL CONTRACTOR TIME

HRS

TOOLPUSHER

TOTAL COMPANY TIME

HRS

APPROVED BY

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19__

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	ST		
Specify Actual Hours Worked							NO	OD	ID	WGT	GALS	BBLs	TONS		
DRILLER	HRS	BITS		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
		BITS		MUD				ADDITIVES		AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
				WEIGHT		12 MN	2 A M	4 A M	6 A M			1			
				VISCOSITY								2			
				GEL								3			
				PUMPS		NO. 1	PRES-SURE					4			
				MODEL	S P M					5					
				LINER SIZE		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL		
				NO. 2	PRES-SURE										
				MODEL	S P M										
				LINER SIZE											
				W.L.	F.C.	pH.									
Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	ST		
Specify Actual Hours Worked							NO	OD	ID	WGT	GALS	BBLs	TONS		
		BITS		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
		BITS		MUD				ADDITIVES		AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
				WEIGHT		8 A M	10 A M	12 NOON	2 P M			1			
				VISCOSITY								2			
				GEL								3			
				PUMPS		NO. 1	PRES-SURE					4			
				MODEL	S P M					5					
				LINER SIZE		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL		
				NO. 2	PRES-SURE										
				MODEL	S P M										
				LINER SIZE											
				W.L.	F.C.	pH.									
Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	ST		
Specify Actual Hours Worked							NO	OD	ID	WGT	GALS	BBLs	TONS		
		BITS		NO	SIZE	TYPE	SIZE JETS	SERIAL NO	WEIGHT	R P M	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
		BITS		MUD				ADDITIVES		AT SURVEYS DEGREE		MOTOR HOURS		NEXT OIL CHANGE	
				WEIGHT		4 P M	6 P M	8 P M	10 P M			1			
				VISCOSITY								2			
				GEL								3			
				PUMPS		NO. 1	PRES-SURE					4			
				MODEL	S P M					5					
				LINER SIZE		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR CUT	FEET LEFT ON SPOOL		
				NO. 2	PRES-SURE										
				MODEL	S P M										
				LINER SIZE											
				W.L.	F.C.	pH.									

Totco Ring on Bit No _____ DP Calipered Date _____ Results _____ From Pipe Rack _____
 B O P Test-Operated _____ Time _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ '19 _____

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT. DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL	STAN
Specify Actual Hours Worked HRS							NO.	O.D.	I.D.	WGT	GALS	BBL5	TONS	SING
DRILLER		BITS												
DERRICK		NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD	FT. RMD.	HRS.	DEPTH OUT	CONDITION	D.C.
MOTOR														
FLOOR		MUD										AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
FLOOR		WEIGHT										1		
FLOOR		VISCOSITY										2		
FIREMAN		GEL										3		
EXTRA		PUMPS										4		
INJURIES:		NO. 1	PRES. SURE								5			
FIRES:		MODEL	S.P.M.											
		LINER SIZE		SIZE	TRIPS	NO. LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	TOT.	
		NO. 2	PRES. SURE											
		MODEL	S.P.M.											
		LINER SIZE												
		GENERAL												
		W.L.	F.C.	pH.										

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT. DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL	STAN
Specify Actual Hours Worked HRS							NO.	O.D.	I.D.	WGT	GALS	BBL5	TONS	SING
DRILLER		BITS												
DERRICK		NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD	FT. RMD.	HRS.	DEPTH OUT	CONDITION	D.C.
MOTOR														
FLOOR		MUD										AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
FLOOR		WEIGHT										1		
FLOOR		VISCOSITY										2		
FIREMAN		GEL										3		
EXTRA		PUMPS										4		
INJURIES:		NO. 1	PRES. SURE								5			
FIRES:		MODEL	S.P.M.											
		LINER SIZE		SIZE	TRIPS	NO. LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	TOT.	
		NO. 2	PRES. SURE											
		MODEL	S.P.M.											
		LINER SIZE												
		GENERAL												
		W.L.	F.C.	pH.										

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT. DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL	STAN
Specify Actual Hours Worked HRS							NO.	O.D.	I.D.	WGT	GALS	BBL5	TONS	SING
DRILLER		BITS												
DERRICK		NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT. DRLD	FT. RMD.	HRS.	DEPTH OUT	CONDITION	D.C.
MOTOR														
FLOOR		MUD										AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE
FLOOR		WEIGHT										1		
FLOOR		VISCOSITY										2		
FIREMAN		GEL										3		
EXTRA		PUMPS										4		
INJURIES:		NO. 1	PRES. SURE								5			
FIRES:		MODEL	S.P.M.											
		LINER SIZE		SIZE	TRIPS	NO. LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL	TOT.	
		NO. 2	PRES. SURE											
		MODEL	S.P.M.											
		LINER SIZE												
		GENERAL												
		W.L.	F.C.	pH.										

Totco Ring on Bit No _____ D.P. Calipered Date _____ Results _____ From Pipe Rock _____
 BOP Test-Operated _____ Time _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE _____ 19 _____

Tour - Midnight - 8 a.m.
Specify Actual Hours Worked _____ HRS.

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL	ST
					NO	O.D.	I.D.	WGT		GALS	BBLs	TONS
DRILLER	BITS											
DERRICK	MUD											
MOTOR	WEIGHT											
FLOOR	VISCOSITY											
FLOOR	GEL											
FIREMAN	PUMPS											
EXTRA	NO 1 PRESURE MODEL S.P.M. LINER SIZE											
INJURIES:	NO 2 PRESURE MODEL S.P.M. LINER SIZE											
FIRES:	GENERAL											
W.L.			F.C.			pH.						

Tour - 8 a.m. - 4 p.m.
Specify Actual Hours Worked _____ HRS.

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLAR				FUEL	WATER	COAL	ST
					NO	O.D.	I.D.	WGT		GALS	BBLs	TONS
DRILLER <i>John Jones</i>	BITS											
DERRICK <i>By Leona</i>	MUD											
MOTOR <i>John Jones</i>	WEIGHT											
FLOOR <i>John Jones</i>	VISCOSITY											
FLOOR <i>John Jones</i>	GEL											
FIREMAN	PUMPS											
EXTRA	NO 1 PRESURE MODEL S.P.M. LINER SIZE											
INJURIES:	NO 2 PRESURE MODEL S.P.M. LINER SIZE											
FIRES:	GENERAL											
W.L.			F.C.			pH.						

Tour - 4 p.m. - Midnight
Specify Actual Hours Worked _____ HRS.

FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS				FUEL	WATER	COAL	ST
					NO	O.D.	I.D.	WGT		GALS	BBLs	TONS
DRILLER	BITS											
DERRICK	MUD											
MOTOR	WEIGHT											
FLOOR	VISCOSITY											
FLOOR	GEL											
FIREMAN	PUMPS											
EXTRA	NO 1 PRESURE MODEL S.P.M. LINER SIZE											
INJURIES:	NO 2 PRESURE MODEL S.P.M. LINER SIZE											
FIRES:	GENERAL											
W.L.			F.C.			pH.						

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ from Pipe Rack
 B.O.P. Test Operated _____ Time _____ Results _____

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. 7 COMPANY _____ LOCATION _____ DATE _____ 19_____

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	ST	
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT.	GALS	BBL.S	TONS	
DRILLER	HRS.	BITS											D	
DERRICK		NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	OT
MOTOR		MUD											C	
FLOOR		12 MN	2 A.M.	4 A.M.	6 A.M.	ADDITIVES				AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	SU	
FLOOR		PUMPS											FT KE	
FIREMAN		GEL											TO	
EXTRA		NO. 1	PRES. SURE											
INJURIES:		MODEL	S.P.M.											
		LINER SIZE		SIZE	TRIPS	NO. LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL		
FIRES:		NO. 2	PRES. SURE											
		MODEL	S.P.M.											
		LINER SIZE												
		W.L.	F.C.											
		pH.												
Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	ST	
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT.	GALS	BBL.S	TONS	
DRILLER	HRS.	BITS											D	
DERRICK		NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	OT
MOTOR		MUD											C	
FLOOR		8 A.M.	10 A.M.	12 NOON	2 P.M.	ADDITIVES				AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	SU	
FLOOR		PUMPS											FT KE	
FIREMAN		GEL											TO	
EXTRA		NO. 1	PRES. SURE											
INJURIES:		MODEL	S.P.M.											
		LINER SIZE		SIZE	TRIPS	NO. LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL		
FIRES:		NO. 2	PRES. SURE											
		MODEL	S.P.M.											
		LINER SIZE												
		W.L.	F.C.											
		pH.												
Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	ST	
Specify Actual Hours Worked							NO.	O.D.	I.D.	WGT.	GALS	BBL.S	TONS	
DRILLER	HRS.	BITS											D	
DERRICK		NO.	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	R.P.M.	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION	OT
MOTOR		MUD											C	
FLOOR		4 P.M.	6 P.M.	8 P.M.	10 P.M.	ADDITIVES				AT SURVEYS DEGREE	MOTOR HOURS	NEXT OIL CHANGE	SU	
FLOOR		PUMPS											FT KE	
FIREMAN		GEL											TO	
EXTRA		NO. 1	PRES. SURE											
INJURIES:		MODEL	S.P.M.											
		LINER SIZE		SIZE	TRIPS	NO. LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL		
FIRES:		NO. 2	PRES. SURE											
		MODEL	S.P.M.											
		LINER SIZE												
		W.L.	F.C.											
		pH.												

Totco Ring on Bit No

D.P. Calipered Date

Results

From Pipe Rack

B.O.P. Test-Operated

Time

Results

CASCADE DRILLING

Company Limited

DAILY DRILLING REPORT

THIS IS _____ DAY ON THIS WELL

RIG No. _____ COMPANY _____ LOCATION _____ DATE 5 / 4 / 1968

Tour - Midnight - 8 a.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STAN
Specify Actual Hours Worked HRS							NO	OD	ID	WGT	GALS	BBLs	TONS
DRILLER	BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
DERRICK													
MOTOR													
FLOOR													
FLOOR													
FLOOR	MUD	12 MN	2 A.M.	4 A.M.	6 A.M.	ADDITIVES	AT SURVEYS DEGREE			MOTOR HOURS	DEPTH OUT	CONDITION	
FIREMAN	WEIGHT												
EXTRA	VISCOSITY												
INJURIES:	GEL												
FIRES:	PUMPS	NO 1	PRES-SURE										
		MODEL	S P M										
		LINER SIZE											
		NO 2	PRES-SURE										
		MODEL	S P M										
	LINER SIZE												
		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL			
		GENERAL											
	W.L.	F.C.	pH.										

Tour - 8 a.m. - 4 p.m.		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STAN
Specify Actual Hours Worked HRS							NO	OD	ID	WGT	GALS	BBLs	TONS
DRILLER	BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
DERRICK													
MOTOR													
FLOOR													
FLOOR													
FLOOR	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	ADDITIVES	AT SURVEYS DEGREE			MOTOR HOURS	DEPTH OUT	CONDITION	
FIREMAN	WEIGHT												
EXTRA	VISCOSITY												
INJURIES:	GEL												
FIRES:	PUMPS	NO 1	PRES-SURE										
		MODEL	S P M										
		LINER SIZE											
		NO 2	PRES-SURE										
		MODEL	S P M										
	LINER SIZE												
		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL			
		GENERAL											
	W.L.	F.C.	pH.										

Tour - 4 p.m. - Midnight		FROM	FOOTAGE	TO	HRS ON BOTTOM	WT DRILL STRING (1000 LBS.)	DRILL COLLARS			FUEL	WATER	COAL	STAN
Specify Actual Hours Worked HRS							NO	OD	ID	WGT	GALS	BBLs	TONS
DRILLER	BITS	NO	SIZE	TYPE	SIZE JETS	SERIAL NO.	WEIGHT	RPM	FT DRLD	FT RMD	HRS	DEPTH OUT	CONDITION
DERRICK													
MOTOR													
FLOOR													
FLOOR													
FLOOR	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	ADDITIVES	AT SURVEYS DEGREE			MOTOR HOURS	DEPTH OUT	CONDITION	
FIREMAN	WEIGHT												
EXTRA	VISCOSITY												
INJURIES:	GEL												
FIRES:	PUMPS	NO 1	PRES-SURE										
		MODEL	S P M										
		LINER SIZE											
		NO 2	PRES-SURE										
		MODEL	S P M										
	LINER SIZE												
		SIZE	TRIPS	NO LINES	TON MILES	TOTAL MILES	SLIP	FEET OR	CUT	FEET LEFT ON SPOOL			
		GENERAL											
	W.L.	F.C.	pH.										

Totco Ring on Bit No _____ D.P. Calipered Date _____ Results _____ From Pipe Rock _____
 B.O.P. Test Operated _____ Time _____ Results _____