

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO WELL

No 31

INERCO HUSKY ET AL PERMITS 8-31

TOUR	MUD										PUMP										MOTOR HOURS										FIRE			
	From	Footage	To	Hrs on Bottom	Wt Drill Pipe (1000 lbs)	Stands	Singles	DRILL COLLARS	No	O D	I D	Length	A. Wt	Sub Wt	C B Ft	Fr up on Kelly	No	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.		Table Torque	T	B
TOUR MIDNIGHT TO 8 AM	MUD										PUMP										MOTOR HOURS													
	WEIGHT										No 1										1													
	VISCOSITY										MODEL										2													
	GEL										LINE										3													
	W.I.										DESILTER: Hours Op										SURVEYS													
ADDITIVES										GENERAL										5														
Drilling Line Record										Size										Date														
TOUR 8 AM TO 4 PM	MUD										PUMP										MOTOR HOURS													
	WEIGHT										No 2										1													
	VISCOSITY										MODEL										2													
	GEL										LINE										3													
	W.I.										DESILTER: Hours Op										SURVEYS													
ADDITIVES										GENERAL										5														
Drilling Line Record										Size										Date														
TOUR 4 PM TO MIDNIGHT	MUD										PUMP										MOTOR HOURS													
	WEIGHT										No 1										1													
	VISCOSITY										MODEL										2													
	GEL										LINE										3													
	W.I.										DESILTER: Hours Op										SURVEYS													
ADDITIVES										GENERAL										5														
Drilling Line Record										Size										Date														

Top of Plug # 2 4842 1573

Cemented top of casing w/s Jax, top of kathhole w/s Jax.

W.C.
Eda

Kill in
MO. 2
LAY DOWN
AND SW
TEAR OUT

CEMENT
Weld
weld

Rig run
See 1

B.O.P.				Crown and Seal				Fuel on Hand				CASING REPORT			
Hyd.	Tested	Elapsed Time	Pressure	Packing & Seal	Injected	Date	Chkd	Fuel on Hand	12 01 00	40		RAN	35	CSG	
Flow Pumps				Rig Seal	Chkd			Fuel on Hand	4 Today Total	20		AB USED	10	CEM	
Blind Rams				Kelly Chkd	Chkd			Fuel on Hand	59 20 00	40		PLUS	10	DAY	
TOTAL RING-ON BIT				Boiler Operated 24 Hrs				FUEL USED				CEMENT RETURNS YES NO			

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTION OF
WELL

- 31

INEXCO HUSKY ET AL PERFORMING

G 31

TOUR MIDDNIGHT TO 8 AM TOUR

8720 IP

DRILL COLLARS 9 7 12 20 15 966

No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cased	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque
DST #3 w/ Johnson selective zone side hole bypass w/ joints 7 3/4" bob tails 1 pass, POS, SALLY IT. 3 AKI. RECORDERS & MP PI														

MUD PUMP PUMP MOTOR HOURS

ADDITIVES GENERAL

Free flow = 5 MIN, ISI = 230 MIN, low spin 50 MIN
FSE = 60 MIN

STRONG AIR blow impulse flow. Trough tonight. 1" sand

REC 4120 FT muddy water

DRILL COLLARS

No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cased	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque
IHP = 2835 P P = 2008 ISI = 2304 IF = 2102 FF = 2304, FSLP = 2304, FHP = 2840 TEMP 98°F														

MUD PUMP PUMP MOTOR HOURS

ADDITIVES GENERAL

TOUR 8 AM TO 4 PM

DRILL COLLARS

No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cased	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque
Plug #1 8720-8520 w/ 120 SKs air well cement displaced w/ 120 BBTs mud plug down @ 1030 PM MARCH 23/72														

MUD PUMP PUMP MOTOR HOURS

ADDITIVES GENERAL

TOUR 4 PM TO MIDDNIGHT

DRILL COLLARS

No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cased	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque
Plug #2 5200 TO 4800 w/ 240 SKs 120 PM 1/2 displaced w/ 68 BBTs mud plug down MARCH 23 @ 7:00 PM MIDNIGHT														

MUD PUMP PUMP MOTOR HOURS

ADDITIVES GENERAL

M.P.H.E. UP
RUN IN
MAKE UP

FIRE 111
STEAM

PICK UP
MUD
CIRK
KILL
KILL

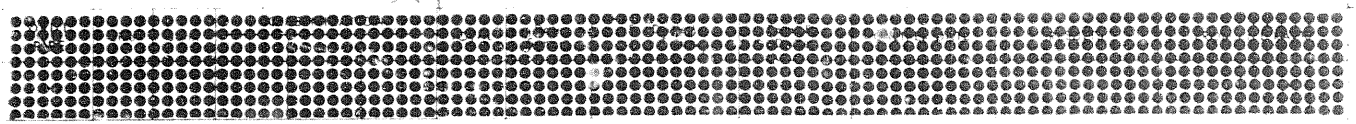
CASING REPORT

BO P

DATE

TIME

BY



CONSERVATION

DRILL COLLARS 2300 lbs

Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
9	7	2	8	265	15					

TYPE 3000 S/D 2000 By pass
 1000 IAS, POS, SAFETY IT.
 1000 PI

PUMP MOTOR HOURS

ON 1 HRS

350 52 x 15

I = 2300 in .60 open 30 MIN

REMARKS

MAKE UP TESTING TOOL 1200 209 2
 Run in w/ DST #3 6315-6882 543 33
 MAKE UP HEAD 4 TEST 572 800 2

DRILL COLLARS

Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
1008										
1304										

ISL = 2304 LF = 2102
 FHP = 2840 TEMP 98°F

PUMP MOTOR HOURS

FIRES IN

3.5 HRS

WELL BIT WITH COST

3.5 HRS

WHY DOWN

DRILL COLLARS

Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
120										

120 SKS 290 CIRC 2
 MUD PLUG DOWN MARCH 23
 @ 1200 PM MIDNIGHT

PUMP MOTOR HOURS

FIRES

PICK UP WELLS AND CHECK

U. CURTIS HOOPER 500 1
 RUN IN PICK UP 20 SIKS 500 8 3
 CIRC KEY UP DOWN 11. 800 10 2 2
 Run plug # 1 + displace 10 10 1/2
 Roll out to 3000 FT 1000 11 22 1
 Run plug # 2 + displace 11 12 1/2 1/2

CASING REPORT

TOTAL	
FULL USED	

FIRES

33



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COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

JNE XCO HUSKY ET AL. TONGUE PINE 2-21

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DRILL COLLARS																	
No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G

MUD 2 am - 2 am - 4 am - 6 am

PUMP

PUMP

MOTOR HOURS

WEIGHT

VISCOSITY

GEL

W.L. F.C. pH DESILTER Hours On

ADDITIVES GENERAL

Drilling Line Record

2065105

FUEL

FIRES

8720 T.D.

DRILL COLLARS																	
No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G

MUD 8 am - 2 am - 12 noon

PUMP

PUMP

MOTOR HOURS

WEIGHT

VISCOSITY

GEL

W.L. F.C. pH DESILTER Hours On

ADDITIVES GENERAL

Drilling Line Record

2065105

Rare 2 am
2:11 P
11:00 am
from 1:00

FIRES

DRILL COLLARS																	
No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G

MUD 4 am - 2 am - 12 noon

PUMP

PUMP

MOTOR HOURS

WEIGHT

VISCOSITY

GEL

W.L. F.C. pH DESILTER Hours On

ADDITIVES GENERAL

Drilling Line Record

2065105

6 H. U.
Pump up
wash line
up 700'

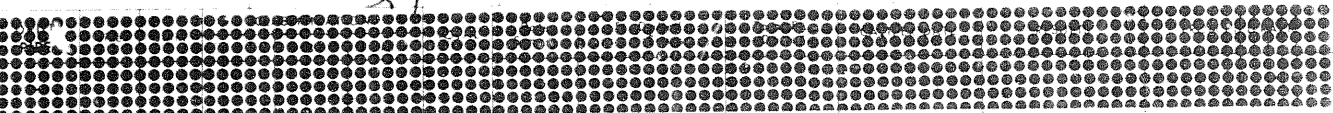
FIRES

CASING REPORT									
B.O.P.	Length	Exp. at	Pres.	Pa. & S. & S.	Pa. & S. & S.	Pa. & S. & S.	Pa. & S. & S.	Pa. & S. & S.	Pa. & S. & S.

TOTAL

TOFCO RING ON BIT

24



CONSERVATION BOARD

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO WELL

31

JNEXCO HUSKY LT WA PORCU PINE 2-31

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Footage										DRILL COLLARS									
No	Size	Type	Jets W.C.	Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G		
TD 5720										3076.31									

MUD	2 am	2 am	3 am	3 am	PUMP	2 am	PUMP	MOTOR HOURS
WEIGHT	11.47.11.							
VISCOSITY	28.10.10.							
GEL								
W.C.	28.5	10	32	40	DESILTER	Hours On		
ADDITIVES	GENERAL							

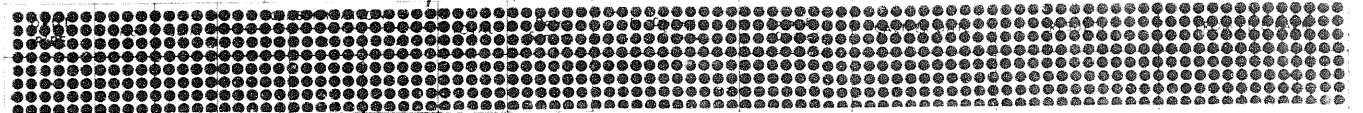
Footage										DRILL COLLARS									
No	Size	Type	Jets W.C.	Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G		
12 2 3/4 H38 3-14 942906										492 42 1/2									

MUD	3 am	2 am	12 noon	PUMP	PUMP	MOTOR HOURS	
WEIGHT	No						
VISCOSITY	No						
GEL							
W.C.	F.C.	pH	DESILTER	Hours On			
ADDITIVES	GENERAL CHANGE OUT HOUST LINE 15-350						
	CHANGE 2nd line - 1st line						
	WATER FRESH W/ R 2 1/2						

Footage										DRILL COLLARS									
No	Size	Type	Jets W.C.	Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G		

MUD	4 pm	3 pm	3 pm	PUMP	PUMP	MOTOR HOURS	
WEIGHT	No						
VISCOSITY	No						
GEL							
W.C.	F.C.	pH	DESILTER	Hours On			
ADDITIVES	GENERAL						

B.O.P.	Teete	Expanded Time	Prey sure	Paiking & S... R. Parker, 1970	CASING REPORT														
History																			
Blind Ram																			
Blind Ram																			
FOOTED RING ON BIT =										24									
Borehole										FULL USED									



31

INEXO HUSKY ET AL PORCU PINE (2-31)

MARCH 21

72

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
076.31	15	7	2 1/2	1512			174			2029
PUMP					MOTOR HOURS					
No. of Collars: _____ No. of Reams: _____ Total Hrs: _____ Total P.M.: _____ Total Torque: _____ Total T: _____ Total B: _____ Total G: _____ Total Miles: _____										

REMARKS

CIRC UNIT ON RECORDING T-225
 DROP SURVEY
 HUNT TO 200' L.A.H.

127 4.45 47
 145 5.00 10
 150 5.00 3

DRILLER'S SIGNATURE: *[Signature]*

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
492	422							2	4	I
PUMP					MOTOR HOURS					
No. of Collars: _____ No. of Reams: _____ Total Hrs: _____ Total P.M.: _____ Total Torque: _____ Total T: _____ Total B: _____ Total G: _____ Total Miles: _____										

REMARKS

4.6 4.6 1
 4.6 4.6 1

DRILLER'S SIGNATURE: *[Signature]*

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP					MOTOR HOURS					
No. of Collars: _____ No. of Reams: _____ Total Hrs: _____ Total P.M.: _____ Total Torque: _____ Total T: _____ Total B: _____ Total G: _____ Total Miles: _____										

REMARKS

DRILLER'S SIGNATURE: *[Signature]*

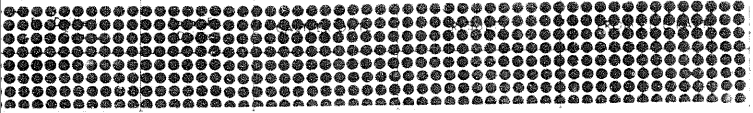
CASING REPORT

Fuel consumed: _____

TCIA: _____

FUEL USED: _____

31



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COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

No 31

INEX HILK ET AL POH 4 PWS S-31

TOUR	B	No	Size	Type	Jets W.C.	Serial No	Wgt	R.P.M.	Drifted or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	B	G	FIRE
MIDNIGHT	12	834	H88	3-14	912806	30	55	377	28 1/4	1	1100	SS	2	400	58	174	1221	RIDDING	LARG	LARG

MUD	PUMP	PUMP	MOTOR HOURS
WEIGHT: 84.24	WEIGHT: 110	WEIGHT: 110	WEIGHT: 110
VISCOSITY: 20.20	VISCOSITY: 55	VISCOSITY: 55	VISCOSITY: 55
GEL: 300	GEL: 5/4 X 18	GEL: 250	GEL: 250
DESILTER: 300	DESILTER: 300	DESILTER: 300	DESILTER: 300
ADDITIVES: GENERAL	ADDITIVES: GENERAL	ADDITIVES: GENERAL	ADDITIVES: GENERAL

DRILLING LINE	DRILL COLLARS	FIRE
114 WRIGHTS	8	115

TOUR	B	No	Size	Type	Jets W.C.	Serial No	Wgt	R.P.M.	Drifted or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	B	G	FIRE
8 AM	12	23	H88	3-14	92206	30	55	469	36	2	700	SS	2	400	58	174	1221	RIDDING	LARG	LARG

MUD	PUMP	PUMP	MOTOR HOURS
WEIGHT: 84.84	WEIGHT: 110	WEIGHT: 110	WEIGHT: 110
VISCOSITY: 29.28	VISCOSITY: 55	VISCOSITY: 55	VISCOSITY: 55
GEL: 300	GEL: 5/4 X 18	GEL: 250	GEL: 250
DESILTER: 300	DESILTER: 300	DESILTER: 300	DESILTER: 300
ADDITIVES: GENERAL	ADDITIVES: GENERAL	ADDITIVES: GENERAL	ADDITIVES: GENERAL

DRILLING LINE	DRILL COLLARS	FIRE
1077	23	86

TOUR	B	No	Size	Type	Jets W.C.	Serial No	Wgt	R.P.M.	Drifted or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	B	G	FIRE
4 PM	12	23	H88	3-14	912306	30	55	492	H88	2	850	SS	2	400	58	174	1221	RIDDING	LARG	LARG

MUD	PUMP	PUMP	MOTOR HOURS
WEIGHT: 87.85	WEIGHT: 110	WEIGHT: 110	WEIGHT: 110
VISCOSITY: 30.32	VISCOSITY: 55	VISCOSITY: 55	VISCOSITY: 55
GEL: 300	GEL: 5/4 X 18	GEL: 250	GEL: 250
DESILTER: 300	DESILTER: 300	DESILTER: 300	DESILTER: 300
ADDITIVES: 9000 GEL, 150 CAUSTIC, 25 bag SAW DUST	ADDITIVES: GENERAL	ADDITIVES: GENERAL	ADDITIVES: GENERAL

B.O.P.	TESTER	EXPOSED TIME	PRES. USA	PAVING & SEAL	CASING REPORT

TOTAL RING ON	FUEL USED
12	24

CONSERVATION BOARD

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
377	28 1/4			1	1100	55				
				2	900	58				

15122
43162
174
1221

15 7 2 1/4

140

ISOTHERM

NO. 11 T. 110T
55.55' 8
A 18 250 6 1/2 X 1 1/2

PUMP MOTOR HOURS

REMARKS

AIR SEAMING 2000' DEPTH CHECK 12" 10" 1/4
DRAG 10" 8" 7 1/4

FIRES nil

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
469	36			2	900	55				

PUMP MOTOR HOURS

202 401
2 54

FIRES

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
492	42 1/4			2	850	55		2	4	1

PUMP MOTOR HOURS

FIRES

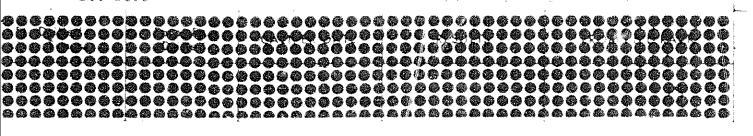
DRILLER'S SIGNATURE

20.27

10M LN BIT
CIRC. TO 225

10" 10" 1/4
12" 12" 1/4

CASING REPORT	
TOTAL	
FUEL USED	60



APPROVED

DRILLER

OPERATOR

W. N. Steiner

W. J. Stewart

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

INDEXED HUSK, ETHAN KACUPINE 6-31

TOUR	M	I	D	N	I	G	H	T	S	DRILL COLLARS														
										No.	Size	Type	Jets. W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque
TOUR	M	I	D	N	I	G	H	T	S	8228 64 272 5 1/4 13 7626 00 15 6 1/8 276 112 774														
										12 8 1/4 HPS 3-14 912806 30 52 64 5 1/4 1 900 80														
										MUD 2 1/2 m 2 1/2 m 4 1/2 m 6 1/2 m PUMP 1000 PUMP MOTOR HOURS														
										WEIGHT 7 1/2 20														
										VISCOSITY 20														
TOUR	M	I	D	N	I	G	H	T	S	8214 0 8312 7 13 7734 15 6 1/8 276 112 774														
										12 1 1/2 HPS 3-14 912806 30 57 16 1/2 12 1 1150 57 9000														
										MUD 8 1/2 m 10 1/2 m 12 1/2 m PUMP PUMP MOTOR HOURS														
										WEIGHT 4 1/2 20														
										VISCOSITY 28														
TOUR	M	I	D	N	I	G	H	T	S	8392 102 8494 7 3/4 130 7205 99 15 6 1/8 276 112 774 264														
										12 8 3/4 HPS 3-14 912806 30 55 266 20 1 1100 55 RUNNING														
										MUD 4 1/2 m 6 1/2 m 8 1/2 m 10 1/2 m PUMP PUMP MOTOR HOURS														
										WEIGHT 4 1/2 8 1/2 8 1/2 8 1/2 8 1/2 8 1/2 8 1/2 8 1/2 8 1/2 8 1/2 8 1/2 8 1/2 8 1/2 8 1/2 8 1/2 8 1/2 8 1/2 8 1/2 8 1/2 8 1/2														
										VISCOSITY 28														

NIG HEAD
FINISH IN
CLEAN

FIRES

FIRES

FIRES

CASING REPORT

BOP	Hydril	Flow Ram	Blind Ram	TOTAL

TOTCO RING ON BIT = 12 1/2" 24"

CONSERVATION BOARD

INDEXO HUSKY, ET AL PERCUPINE 6-31

MARCH 17

72
71

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	B	G
64	5 3/4			1	900	80				
<p>1000 50 18</p> <p>ON TANKS 5 1/2 115</p>										
PUMP					MOTOR HOURS					
<p>1 2 3 4 5</p>										

REMARKS

RIG SERV. & BOYS
FINISH IN
CLEAN TO BOTTOM
WMS

12" 12" 1/4
12" 2" 1 1/2
2" 2" 1/4
2" 8" 5/4

FIRES

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	B	G
164	12 3/4			1	1150	57				
<p>57.5</p> <p>119</p> <p>ON TANKS 5 1/2 115</p>										
PUMP					MOTOR HOURS					
<p>1 2 3 4 5</p>										

REMARKS

FIRES

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	B	G
266	20 1/2			1	1100	55				
<p>1000/1100 55 8</p> <p>ON TANKS 5 1/2 115</p>										
PUMP					MOTOR HOURS					
<p>1 2 3 4 5</p>										

REMARKS

FIRES

CASING REPORT	
TOTAL	
FUEL USED	

REMARKS

79

K. W. [unclear]
[unclear]

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO WELL

No 31

INEXCO HUBBARD ET AL FORTUNE B-31

TOUR	B	No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	Remarks	
																					DRILL COLLARS
MIDNIGHT	11	83	3 1/4	RRGIN	3-14	J1941	30	50	330	19			1	1500	52						RUNNING
		DRILL COLLARS																			

MUD		PUMP		PUMP		MOTOR HOURS	
WEIGHT	84.24	84.24	84.24	1100	120	0.150	
VISCOSITY	28.20	28.20	28.20	52	52	52	
GEL				5/2 X 10			
DESILTER							
ADDITIVES	GENERAL						

Drilling Line	Size	Make	Serial No.	No. of Collars	Total M. Dr.	Total M. Ream.
11	3 1/4	WARRINGTON	1490			

TOUR	B	No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	Remarks
S.A.M.	11	107	3 1/4	RRGIN	3-14	J1941	30	57	440	27			1	1150	58					RUNNING
		DRILL COLLARS																		

MUD		PUMP		PUMP		MOTOR HOURS	
WEIGHT	84.74	84.84	84.84	1100	120	0.150	
VISCOSITY	28.28	28.28	28.28	56	56	56	
GEL				27.8			
DESILTER							
ADDITIVES	GENERAL						

Drilling Line	Size	Make	Serial No.	No. of Collars	Total M. Dr.	Total M. Ream.
11	3 1/4	WARRINGTON	710			

TOUR	B	No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	Remarks
4 P.M.	11	84	3 1/4	RRGIN	3-14	J1941	30	51	477	304			1	1150	58					RUNNING
		DRILL COLLARS																		

MUD		PUMP		PUMP		MOTOR HOURS	
WEIGHT	84.24	84.24	84.24	1100	120	0.150	
VISCOSITY	28.28	28.28	28.28	58	58	58	
GEL				27.8			
DESILTER							
ADDITIVES	GENERAL						

Drilling Line	Size	Make	Serial No.	No. of Collars	Total M. Dr.	Total M. Ream.
11	3 1/4	WARRINGTON	1285			

B.O.P.		Casing Report	
Weight		Pressure	
Viscosity		Flow	
Gel		Temperature	
DESILTER		Direction	
ADDITIVES	GENERAL		



CONSERVATION BOARD

INDEXED HUCKY ET AL BOROU FIRE B-31

MINNESOTA

78 12

DRILL COLLARS

Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
330	19 1/4			1	1500	52				

177 13 7 3/8 1152 174 0

PUMP MOTOR HOURS

ON TANKS

51.52

115 250 12 X 15

Total Meter 1290

REMARKS

15 COLLARS... 12... 14

4 X 15

FIRES Nil

STEEL

DRILL COLLARS

Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
440	27			1	1150	58				

1271 13 7 3/8 1152 174 15.47

PUMP MOTOR HOURS

ON TANKS

58.58

Total Meter 770

REMARKS

FIRES

DRILLER'S SIGNATURE

DRILL COLLARS

Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
477	30 1/4			1	1150	58				

433 13 7 3/8 1152 174 10.01

PUMP MOTOR HOURS

ON TANKS

8 512 X 15

Total Meter 1285

REMARKS

FIRES

DRILLER'S SIGNATURE

7:30 7:45 1/4

7:45 12 11/4

CASING REPORT

TOTAL

FUEL USED

REMARKS

FIRES

DRILLER'S SIGNATURE

78

K. N. [Signature]

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

INDEX HICKY ET AL. DRILLING V. 6-51

Drilling Line	From Footage	To	Drill Collars	Wt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
7682	69	7751	4 1/4	124	75	2	7193.88			6	181	2	9.74			16.66
10	8 3/4 RRGXT	3-14	3769	30	55	448	254			1	1100	55	2.7			I

MUD	PUMP	PUMP	MOTOR HOURS
WEIGHT: 12.5	NO. 1000	NO. 100	ON TANK
VISCOSITY: 28	DESILTER: 5/2 X 18	DESILTER: 200	5/2 X 15
ADDITIVES:	GENERAL:		

Drilling Line	From Footage	To	Drill Collars	Wt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
7751	62	7813	3 3/4	126	75	2	766.73			6	181	2	9.74			16.66
11	8 3/4 RRGXT	3-14	3769	30	55	448	254			1	1200	52				RUNNING

MUD	PUMP	PUMP	MOTOR HOURS
WEIGHT: 12.5	NO. 1000	NO. 100	ON TANK
VISCOSITY: 28	DESILTER: 5/2 X 18	DESILTER: 200	5/2 X 15
ADDITIVES:	GENERAL:		

Drilling Line	From Footage	To	Drill Collars	Wt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
7813	142	7955	7 3/4	26	75	2	246.00			6	181	2	9.74			16.66
11	8 3/4 RRGXT	3-14	3769	30	50	204	11/2			1	1000	34				RUNNING

MUD	PUMP	PUMP	MOTOR HOURS
WEIGHT: 12.5	NO. 1000	NO. 100	ON TANK
VISCOSITY: 28	DESILTER: 5/2 X 18	DESILTER: 200	5/2 X 15
ADDITIVES:	GENERAL:		

Drilling Line	From Footage	To	Drill Collars	Wt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
7955	142	8000	7 3/4	26	75	2	246.00			6	181	2	9.74			16.66
11	8 3/4 RRGXT	3-14	3769	30	50	204	11/2			1	1000	34				RUNNING

MUD	PUMP	PUMP	MOTOR HOURS
WEIGHT: 12.5	NO. 1000	NO. 100	ON TANK
VISCOSITY: 28	DESILTER: 5/2 X 18	DESILTER: 200	5/2 X 15
ADDITIVES:	GENERAL:		

BOP: ✓
 Casing Report: ✓
 Full Used: ✓
 11 24

RIG...
 LK...
 TAIL...

FIRE...
 I...
 S...

FIRE...
 R...

FIRE...

CON...

DRILL COLLARS		6 7/8		2 7/8		1 3/4		1 1/2		1 1/4	
Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	16.66	
23.88	15	7	1	1100	55	9.74	7	7	I		
<p>PUMP ON TANKS</p> <p>1000</p> <p>55</p> <p>2 X 18</p> <p>250</p> <p>5/2 X 15</p> <p>1741 32</p>											
MOTOR HOURS											

REMARKS

RIG CORN / 117 DRILL

DRDG

CIRC. SAMPLE

2000 SAMPLE

TRIP OUT

12:10 12:15 1/4

12:15 1:00 1/4

1:00 5:15 3/4

5:15 5:45 1/4

5:45 6:20 1/4

FIRES

Steve [Signature]

DRILL COLLARS		6 7/8		2 7/8		1 3/4		1 1/2		1 1/4	
Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	17.71	
62	33 1/2		1	1200	52	1.74				RUNNING	
<p>PUMP ON TANKS</p> <p>1000</p> <p>57</p> <p>1 X 18</p> <p>250</p> <p>5/2 X 15</p> <p>1741 32</p>											
MOTOR HOURS											

REMARKS

HOUSTON

1:00 1:30 2 1/4

1:30 11:30 2 1/4

11:30 11:55 3

11:55 12:15 3 1/4

12:15 12:30 3 1/4

FIRES

DRILLER'S SIGNATURE

DRILL COLLARS		6 7/8		2 7/8		1 3/4		1 1/2		1 1/4	
Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	17.71	
204	11 1/2		1	1000	54	1.74				RUNNING	
<p>PUMP ON TANKS</p> <p>1000</p> <p>57</p> <p>1 X 18</p> <p>250</p> <p>5/2 X 15</p> <p>1741 32</p>											
MOTOR HOURS											

REMARKS

2000 DRG CORN 12-D

FIRES

DRILLER'S SIGNATURE

CASING REPORT	
TOTAL	
FUEL USED	

78

[Signature]

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

21

INEXCO Husky ET AL Porcupine

G 31

TOUR	MIDNIGHT TO 8 AM	TOUR	MIDNIGHT TO 4 PM	TOUR	MIDNIGHT TO 4 PM	TOUR	MIDNIGHT TO 8 AM	DRILL LOG												
								DRILL COLLARS	6	6 1/2	7	7 1/2	8	8 1/2	9	9 1/2	10	10 1/2		
7281	70	2	2631.10	130m	2 1/4	131	18127	42182	974											
MUD		PUMP		PUMP		MOTOR HOURS														
WEIGHT		No		No		No		ON TANKS												
VISCOSITY		No		No		No														
GEL		No		No		No														
W.L.		No		No		No														
ADDITIVES		GENERAL		GENERAL		GENERAL														
Drilling Line Record		1 1/4 WRIGHTS		8		163 906		1000 T/M		FIRES										
7281	70	2	130m	2 1/4	131	18127	42182	974												
MUD		PUMP		PUMP		MOTOR HOURS														
WEIGHT		No		No		No		ON TANKS												
VISCOSITY		No		No		No														
GEL		No		No		No														
W.L.		No		No		No														
ADDITIVES		GENERAL		GENERAL		GENERAL														
Drilling Line Record		1 1/4 WRIGHTS		8		163 906		1000 T/M		FIRES										
7281	70	2	130m	2 1/4	131	18127	42182	974												
MUD		PUMP		PUMP		MOTOR HOURS														
WEIGHT		No		No		No		ON TANKS												
VISCOSITY		No		No		No														
GEL		No		No		No														
W.L.		No		No		No														
ADDITIVES		GENERAL		GENERAL		GENERAL														
Drilling Line Record		1 1/4 WRIGHTS		8		163 906		1000 T/M		FIRES										
7281	70	2	130m	2 1/4	131	18127	42182	974												
MUD		PUMP		PUMP		MOTOR HOURS														
WEIGHT		No		No		No		ON TANKS												
VISCOSITY		No		No		No														
GEL		No		No		No														
W.L.		No		No		No														
ADDITIVES		GENERAL		GENERAL		GENERAL														
Drilling Line Record		1 1/4 WRIGHTS		8		163 906		1000 T/M		FIRES										

ATTEMPT
TRIP OUT
CLEAN OUT
RIG SERV
PICK UP
CIRC WORK
PULL OUT

FIRES
TRIP OUT
CLEAN TO

FIRES
TRIP OUT
CLEAN TO

FIRES
TRIP OUT
CLEAN TO

FIRES
TRIP OUT
CLEAN TO

RECOVERED
OR SLAL
FIRES

B O P	Tested	Equipment	Pressure	Pressure	Pressure	CASING REPORT
	✓					
	✓					

TO RING ON BIT # 9-10
34
FUSED

Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	B	G
2	15	7		18122	275	1000	9.74			
PUMP										
MOTOR HOURS										
ON TANKS										
18	250	5/2	15							

REMARKS

ATTEMPT TO CENTER CONES 1200 1230 1/2

TRIP OUT 1230 315 2 3/4

CLEAN OUT JUNK SUB 315 300 1/4

RIG SERV BLEND RAMMS 300 345 1/4

PICK UP MAGNET RUN IN 345 600 2 1/4

CIRC WORK MAGNET 600 645 3/4

PULL OUT 645 800 1 1/4

Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	B	G
2	15	7		18122	275	1000	9.74			
PUMP										
MOTOR HOURS										
ON TANKS										
1/2	250	5/2	15							

REMARKS

TRIP OUT 8:00 9:30 1/2

CLEAN OUT JUNK SUB 9:30 10:00 1/2

RIG SERV BLEND RAMMS 10:00 10:45 1/2

PUMP CLEAN MUD TANK 10:45 11:15 1/2

TIGHTEN JACKING IN TANKS 11:15 12:15 1

RUN IN W/ BIT & JUNK SUB 12:15 1:30 1 1/4

DUMP & CLEAN #2 MUD TANK 1:30 2:00 1

FINISH IN 2:00 4:00 1 1/2

CLEAN TO BOTTOM WORK JUNK SUB

Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	B	G
2	15	7		18122	275	1000	9.74			
PUMP										
MOTOR HOURS										
ON TANKS										
2	22	23/4						5	3	2

REMARKS

DRAG 4:10 6:45 2 3/4

CIRC SAMPLE 6:45 7:10 1/4

TRIP OUT 7:10 10:10 3

RECOVERED 1 BOTTOM INSERT AND 1 PIECE OF SEAL IN JUNK BASKET

CASING REPORT

TOTAL

(Handwritten signature)
 H. C. Heigh

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
4954	15			1	850	54	974			
PUMP										
MOTOR HOURS										
ON TANKS										
FUEL 4'3"										
500 TOL										

REMARKS

DRILLING 1200 115 1 1/4

RIG SER V CHECK H'2 PIPE RAMS 115 130 1/4

DRILLING 130 800 6/2

DRIVER'S SIGNATURE: *H. C. Heig*

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
459	32			1	850	54	974			13.88
PUMP										
MOTOR HOURS										
ON TANKS										
FUEL 5 1/2 X 15										
500 TOL										

REMARKS

RIG SER V 2 1/2" MOTOR CHECK 8 1/2 5 1/4

DRILLING 745 745 1/2

DRILLING 745 1015 1/2

DRILLING 115 115 3

DRILLING 115 115 3

DRIVER'S SIGNATURE: *Steve*

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
318	15			1	850	54	974			
PUMP										
MOTOR HOURS										
ON TANKS										
FUEL 5 1/2 X 15										
500 TOL										

REMARKS

FINISH IN 1100 1130 1/2

DRILLING 1100 845 1 1/4

TRIP OUT 845 1100 2 1/4

BOTTOM OF BHSNET MISSING 1100

CHEM OUT JUNK SUB 115 115 1/4

DRILLING 115 115 1/4

DRILLING 1200 1200 2

RECOVERED BEARINGS AND SMALL PIECES IN JUNK SUB.

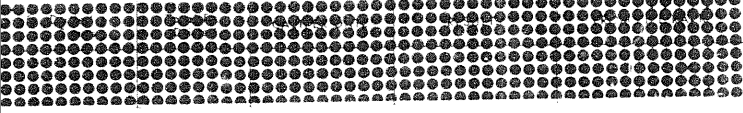
DRIVER'S SIGNATURE: *H. C. Heig*

CASING REPORT

TOTAL	
FUEL USED	

REMARKS

74



DRIVER'S SIGNATURE: *K. J. Swisto*

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

INEXO HUSKY ET AL PORCUPINE

G 31

From	Footage	To	Drilling Line	Size	Make	Serial No.	Wgt	RPM	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	SPM	Table Torque	T	B	G
6872	78	6900	1 1/4	8 3/4	XSSR	3-15	20-35	50	78	7 1/4			1	850	54	974			

MUD	Wt	Viscosity	Gel	DES LTR	PUMP	Wt	Viscosity	Gel	DES LTR	PUMP	Wt	Viscosity	Gel	DES LTR	MOTOR HOURS
	85	30		350		85	30		350		85	30		350	4'9"

ADDITIVES: GENERAL

From	Footage	To	Drilling Line	Size	Make	Serial No.	Wgt	RPM	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	SPM	Table Torque	T	B	G
6900	120	7020	1 1/4	8 3/4	XSSR	3-15	35	50	198	15			1	850	54	974			

MUD	Wt	Viscosity	Gel	DES LTR	PUMP	Wt	Viscosity	Gel	DES LTR	PUMP	Wt	Viscosity	Gel	DES LTR	MOTOR HOURS
	85	30		350		85	30		350		85	30		350	5'20"

ADDITIVES: GENERAL (TESTED AIR BREATHING APPARATUS & ESCAPE BUGGY O.K.)

From	Footage	To	Drilling Line	Size	Make	Serial No.	Wgt	RPM	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	SPM	Table Torque	T	B	G
7020	120	7140	1 1/4	8 3/4	XSSR	3-15	35	50	318	22 1/2			1	850	54	974			

MUD	Wt	Viscosity	Gel	DES LTR	PUMP	Wt	Viscosity	Gel	DES LTR	PUMP	Wt	Viscosity	Gel	DES LTR	MOTOR HOURS
	85	30		350		85	30		350		85	30		350	5'15"

ADDITIVES: GENERAL

From	Footage	To	Drilling Line	Size	Make	Serial No.	Wgt	RPM	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	SPM	Table Torque	T	B	G
7140	120	7260	1 1/4	8 3/4	XSSR	3-15	35	50	318	22 1/2			1	850	54	974			

ADDITIVES: GENERAL

From	Footage	To	Drilling Line	Size	Make	Serial No.	Wgt	RPM	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	SPM	Table Torque	T	B	G
7260	120	7380	1 1/4	8 3/4	XSSR	3-15	35	50	318	22 1/2			1	850	54	974			

ADDITIVES: GENERAL

From	Footage	To	Drilling Line	Size	Make	Serial No.	Wgt	RPM	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	SPM	Table Torque	T	B	G
7380	120	7500	1 1/4	8 3/4	XSSR	3-15	35	50	318	22 1/2			1	850	54	974			

ADDITIVES: GENERAL

From	Footage	To	Drilling Line	Size	Make	Serial No.	Wgt	RPM	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	SPM	Table Torque	T	B	G
7500	120	7620	1 1/4	8 3/4	XSSR	3-15	35	50	318	22 1/2			1	850	54	974			

ADDITIVES: GENERAL

FINISH IN
PIG SIER
DRILLING
REPAIR UN
DRILLING

FIRES N/A
RIG SEAR
LAGE

FIRES
RIG SEAR
LAGE

FIRES

Singles		DRILL COLLARS		Length		A. Wt.		Sub. Wt.		P.M.		Table Torque		T.		B.		G.			
No.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Torque	T.	B.	G.	T.	B.	G.	T.	B.	G.	T.	B.	G.	
2	56 1/4	15	7	6 1/8	2 7/8	18122	43182	974	17.92												
	78	7 1/4			1	850	54														
PUMP		MOTOR HOURS		ON TANKS		FUEL 4' 9"		-20		500 TON											
0	850	850																			
4	54	54																			
18																					

REMARKS
 FINISH IN W/RT# E 1200 1230 1/4
 RIG SER 4 1/2 PIPE RAILS 1215 1230 1/4
 DRILLING 1230 145 1/4
 REPAIR UNION ON 27" HD PIPE 145 200 1/4
 DRILLING 200 700 6

FIRES NIL
 H. C. Healy
 DRILLERS SIGNATURE

Singles		DRILL COLLARS		Length		A. Wt.		Sub. Wt.		P.M.		Table Torque		T.		B.		G.			
No.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Torque	T.	B.	G.	T.	B.	G.	T.	B.	G.	T.	B.	G.	
08	119 3/4	15	7	6 1/8	2 7/8	18122	43182	974	23.59												
	198	15			1	850	54														
PUMP		MOTOR HOURS		ON TANKS		FUEL 4' 9"		-20		500 TON											
0	850	850																			
2	18																				
AIR BREATHING ESCAPE BUREY OK																					

REMARKS
 RIG SER V HYDRAULIC COLLARS 8.00 8.15 1/4
 LRLG 8.15 4.00 7/4

(CHANGED W/RT# 27" HD PIPE IN C-250 HD LINE - ADV PACKING)

FIRES
 Steve Gurbay
 DRILLERS SIGNATURE

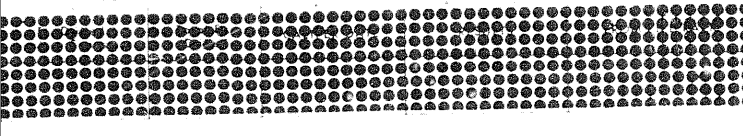
Singles		DRILL COLLARS		Length		A. Wt.		Sub. Wt.		P.M.		Table Torque		T.		B.		G.			
No.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Torque	T.	B.	G.	T.	B.	G.	T.	B.	G.	T.	B.	G.	
9	505 1/0	15	7	6 1/8	2 7/8	18122	43182	974	26.98												
	318	22 1/4			1	850	54														
PUMP		MOTOR HOURS		ON TANKS		FUEL 4' 9"		-20		500 TON											
0	850	850																			
54	54	54																			
2	18																				

REMARKS
 RIG SER V HYDRAULIC COLLARS 4.00 4.15 3/4
 W/RT# 4.15 8.00 7/4

FIRES
 H. C. Healy
 DRILLERS SIGNATURE

TOTAL		FUEL USED		CEMENT RETURN	
760					

DATE FROM FILE 73



Approved by
 Operator
 Pump Operator
 Approved by
 The
 H. C. Healy
 1200

COMMONWEALTH DRILLING
DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

INEXCO HUSKY FT HL PORCUPINE

G

31

TOUR	MIDNIGHT	B	No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	DRILL COLLARS		
																					6 6/8	2 7/8	
8 AM	TO	S	6793	8 3/4	SHG	OPEN	698104								1	1800	60	974				6 6/8	2 7/8
			6793	8 3/4	SHG	OPEN	698104	2	50			22	6	1	1800	60	974						
8 AM	TO	S	6793	8 3/4	SHG	OPEN	698104															6 6/8	2 7/8
			6793	8 3/4	SHG	OPEN	698104	2	50			22	6	1	1800	60	974						
8 AM	TO	S	6815	8 3/4	SHG	OPEN	698104															6 6/8	2 7/8
			6815	8 3/4	SHG	OPEN	698104	15	60	7	1 1/2			1	1800	60	974						

WORK 57
SPOT W. 11
PER HOUR
HIG UP 10H
FUEL 5' 5"

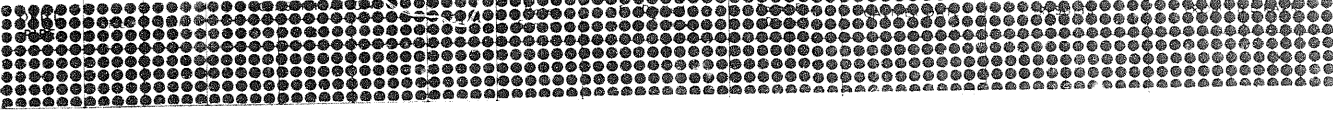
WORK 10
HIG UP 10H
FUEL 5' 5"

WORK 10
HIG UP 10H
FUEL 5' 5"

TOUR MIDNIGHT 8 AM TO 4 PM TO MIDNIGHT

CASING REPORT

BOP	Inst.	Eqpt.	...
...
...



CONSERVATION BOARD

Singles		DRILL COLLARS		No.	O.D.	I.D.	Length	A.W.T.	Sub	W.C.B.	W.C.B.	W.C.B.
5	1	6	6 5/8	15	2 7/8	181.22	431.82	974				
27.95												
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	REMARKS	
				1								WORK STOCK PIPE 1200
<p>PUMP MOTOR HOURS</p> <p>ON TANKS</p> <p>1</p> <p>2</p> <p>3 FUEL 5' 5"</p> <p>4</p> <p>5</p> <p>Weather Water</p>												

SPOT W/ LASER FUEL 2 BIERLIC 400 4
 PER HOUR
 RIG UP COMPRESSORS AND 400
 PUMP DOWN THE HULLS
 PRES. UP TO 400 LBS. OPEN PIPE 700 2
 RANS PIPE CAME FREE 700 3
 WELD UP FLOW LINE 700 8 1

FIRES *J. C. Heigh*

Singles		DRILL COLLARS		No.	O.D.	I.D.	Length	A.W.T.	Sub	W.C.B.	W.C.B.	W.C.B.
5	2	6	6 5/8	15	2 7/8	181.22	431.82	974				
161.79												
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	REMARKS	
		22	6	1	1000	60						WORK IN FLOW LINE 600 100 1
<p>PUMP MOTOR HOURS</p> <p>ON TANKS</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Weather Water</p>												

SEMI CUT 2' LINE WITH AC 100 10 1
 SEMI METHODRE 2' LINE CUT 100 4 0

FIRES

Singles		DRILL COLLARS		No.	O.D.	I.D.	Length	A.W.T.	Sub	W.C.B.	W.C.B.	W.C.B.
5	2	6	6 5/8	15	2 7/8	181.22	431.82	974				
1.89												
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	REMARKS	
		7	1 1/2	1	1000	60		2	2	I		MIR LERU / 200'S 100 1 1/2
<p>PUMP MOTOR HOURS</p> <p>ON TANKS</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Weather Water</p>												

LARG 100 5 1/2
 OPS CHANGE 100 5 1/2
 TRIM CUT 100 7 1/2
 WORK ON ROW CHUTE 100 8 1/2
 FINISH CUT W. BT # 1 100 9 3/4
 SHIP 20' LINE CUT 60' 100 10 3/4
 RUN IN 100 12 1/2

FIRES

Singles		DRILL COLLARS		No.	O.D.	I.D.	Length	A.W.T.	Sub	W.C.B.	W.C.B.	W.C.B.
5	2	6	6 5/8	15	2 7/8	181.22	431.82	974				
1475												
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	REMARKS	
		20	60	1	1475	500						CASING REPORT
<p>FUEL USED</p> <p>ON TANKS</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Weather Water</p>												

FIRES

72

J. C. Heigh

DRILL COLLARS		No.		Length		Pump No.		Pump Pressure		S.P.M.		Table Torque		T		B		G	
95	15	6	7	68	181	1	1050	45											
PUMP																			
MOTOR HOURS																			
SURVEYS																			
FUEL 5'7"																			

REMARKS
 CLEAN SUCTION
 BIG SERV. 1200
 RUN IN W/ 3IT
 CIRC. CLEAR. 7 DRUG. LILL
 CUT CORE #2
 1200 1200 1/2
 1200 1200 1/2
 1200 215 1/2
 215 315 1
 215 800 1/2
 FIRES W/ *[Signature]*

DRILL COLLARS		No.		Length		Pump No.		Pump Pressure		S.P.M.		Table Torque		T		B		G	
200	6																		
PUMP																			
MOTOR HOURS																			
SURVEYS																			
FUEL 1500 TM																			

REMARKS
 HOIST CORE #2
 HANDLE CORE & CORE BEZ
 BIG SERV. / BLIND MATHS
 RUN IN W/ 3IT
 PICK UP BLIND STUCK PIPE #2
 WORK STUCK PIPE #16
 8:00 10:30 2 1/2
 12:50 12:50 1/2
 12 12 1/4
 12 2 1/4
 11:50 2
 FIRES *[Signature]*

DRILL COLLARS		No.		Length		Pump No.		Pump Pressure		S.P.M.		Table Torque		T		B		G	
350																			
PUMP																			
MOTOR HOURS																			
SURVEYS																			
FUEL 1500 TM																			

REMARKS
 WORK STUCK PIPE
 HEAT COMPRESSORS TO START
 PUT IN LINE FROM COMPRESSORS
 TO RIG
 4 800 8
 FIRES *[Signature]*

FUEL USED		TOTAL	
CASING REPORT			
TOTAL			
FUEL USED			

REMARKS
 changed Bergman in
 last run
[Signature]

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

21

INEXCO HUSKIE ET AL PORCUPINE

G 31

TOUR	M	I	D	N	I	G	H	T	S	DRILLING DATA																													
										From	Footage	To	Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G													
TOUR	M	I	D	N	I	G	H	T	S	6475	140	6615	7 3/4	130"	5972.12	25	60	434	30%	15	7	18122	42182	60	974	7091													
										MUD										PUMP										MOTOR HOURS									
										WEIGHT										650 630 650 650										00 TANKS									
										VISCOSITY										60 60 60 60										FUEL #6'8"									
										GEL										350 5 1/2 1 1/8																			
ADDITIONS										GENERAL CLEAN #2										LAKEL TANKS																			
TOUR	M	I	D	N	I	G	H	T	S	6615	139	6754	7 3/4	132m	6098.38	25	60	573	38	5	7	18122	43182	60	974	816													
										MUD										PUMP										MOTOR HOURS									
										WEIGHT										650 650 550 650										00 TANKS									
										VISCOSITY										60 60 60 60																			
										GEL										350 5 1/2 1 1/8																			
ADDITIONS										GENERAL PUMP & CLEAN # 1+3 COMPONENT										IN SHAKER TANK																			
TOUR	M	I	D	N	I	G	H	T	S	6754	59	6793	2 3/4	132m	6129.95	25	60	612	40%	15	7	18122	43182	60	974	0													
										MUD										PUMP										MOTOR HOURS									
										WEIGHT										650 650 650 650										00 TANKS									
										VISCOSITY										60 60 60 60																			
										GEL										350 5 1/2 1 1/8																			
ADDITIONS										GENERAL																													
TOUR	M	I	D	N	I	G	H	T	S	6793	59	6793	2 3/4	132m	6129.95	25	60	612	40%	15	7	18122	43182	60	974	0													
										MUD										PUMP										MOTOR HOURS									
										WEIGHT										650 650 650 650										00 TANKS									
										VISCOSITY										60 60 60 60																			
										GEL										350 5 1/2 1 1/8																			
ADDITIONS										GENERAL																													

DRILLING
RIG STOP
DRILLING

FIRES NIL

RIG - ERV / B
URSE
SURVEY

START-OUT
IN

FIRES

BOP	Tests	Log	Flow	Sp. Gr. & Sp. Vol.	7.04 P.D. 68'	CASING REPORT
✓	✓				TOTAL	
TOUR NO ON SITE 5					TOUR USED 24	



COVER WITH SHIELD

INEXCO HUSKY ET AL PORCUPINE

G - 31

MARCH 9

72

70

DRILL COLLARS										REMARKS																			
No.		D		Length		Air Wt		Sub		C B		Ft. on Well		No.		D		Length		Air Wt		Sub		C B		Ft. on Well			
3		6 7/8		2 7/8		18122		974		2091																			
12		15 7		2 7/8		42182		974		2091																			
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.	DRILLING																		
134	30 1/4			1	650	60					RIG SERV. CHECK H 1/2 PIPE RAN																		
											DRILLING																		
PUMP										MOTOR HOURS																			
650 650 No. 1 00' TANKS										1																			
60 60 250 5 1/2 x 15										2 FUEL #6 8"																			
18 250 5 1/2 x 15										3																			
TANKS										4																			
TANKS										5																			
TANKS										Weather																			
TANKS										Temp																			
TANKS										At Mts																			
TANKS										Date																			
TANKS										Next Stop																			
TANKS										Ft. on Well																			
TANKS										1500 2 1500 T.M.																			
TANKS										FIRES NIL																			

DRILLING 12:00 12:30 1/2
 RIG SERV. CHECK H 1/2 PIPE RAN 12:30 12:45 1/4
 DRILLING 12:45 8:00 1/4

DRILL COLLARS										REMARKS																	
No.		D		Length		Air Wt		Sub		C B		Ft. on Well		No.		D		Length		Air Wt		Sub		C B		Ft. on Well	
338		6 7/8		2 7/8		18122		974		816																	
573		15 7		2 7/8		42182		974		816																	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.	DRILLING																
	38			1	650	60					RIG SERV. CHECK H 1/2 PIPE RAN																
											DRILLING																
PUMP										MOTOR HOURS																	
650 650 No. 1 00' TANKS										1																	
60 60 250 5 1/2 x 15										2																	
8 250 5 1/2 x 15										3																	
TANKS										4																	
TANKS										5																	
TANKS										Weather																	
TANKS										Temp																	
TANKS										At Mts																	
TANKS										Date																	
TANKS										Next Stop																	
TANKS										Ft. on Well																	
TANKS										1500 2 1500 T.M.																	
TANKS										FIRES NIL																	

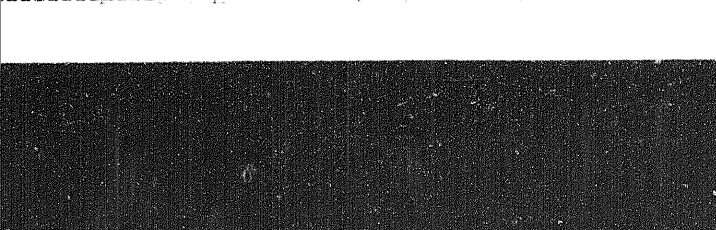
DRILLING 8:00 1:00 1/4
 RIG SERV. CHECK H 1/2 PIPE RAN 1:00 1:15 1/4
 DRILLING 1:15 4:00 6 3/4

DRILL COLLARS										REMARKS																	
No.		D		Length		Air Wt		Sub		C B		Ft. on Well		No.		D		Length		Air Wt		Sub		C B		Ft. on Well	
795		6 7/8		2 7/8		18122		974		0																	
612		15 7		2 7/8		42182		974		0																	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.	DRILLING																
	40 3/4			1	650	60		3	2	I	RIG SERV. BOOMS - MOTOR LINE STOP																
											DRILLING																
PUMP										MOTOR HOURS																	
650 650 No. 1 00' TANKS										1																	
60 60 250 5 1/2 x 15										2																	
18 250 5 1/2 x 15										3																	
TANKS										4																	
TANKS										5																	
TANKS										Weather																	
TANKS										Temp																	
TANKS										At Mts																	
TANKS										Date																	
TANKS										Next Stop																	
TANKS										Ft. on Well																	
TANKS										1500 2 1500 T.M.																	
TANKS										FIRES NIL																	

DRILLING 4:00 4:15 1/4
 DRILLING 4:15 6:00 1 1/4
 DRILLING 6:00 6:20 1/2
 DRILLING 6:20 7:30 1
 DRILLING 7:30 8:30 1 1/4
 SURVEY @ 8:30 8:45 1/4
 START OUT W BIT @ 8:45 11:15 2 1/2
 PICK UP BENCH AND SERVICE 11:15 11:30 1/4

TOTAL		FUEL USED		NEW RETURNS	

70 H.M. 68'
 70
 70



DRILLER'S SIGNATURE
 [Signature]

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO WELL

31

INEADU HASKY ET AL TORQUINE B-31

From	Footage	To	Hrs on Bottom	Wt. Dr. Pipe	Stands	Singles	DRILL COLLARS	No	Length	Sub	Wt	DRILL	Table Torque	T	B	G
6181	59	6240	7	130	59	2	6	6 7/8	181.22	9.74	28.69					
No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.			
6	8 3/4	X55	OPEN	17320	20-25	50	59	7			1	500	50			

R & S
KEL 300
L...

MUD	2 am	4 am	6 am	PUMP	8 am	10 am	PUMP	MOTOR HOURS
WEIGHT	8.5	8.4	8.4		500	60	500	
VISCOSITY	32	32	30		50	60	50	
GEL								
W.L.								
ADDITIVES	GENERAL							

Drilling Line Record	Size	Make	Serial No.	No. Lines	T. Dr.	Ten M. Wt.	Total M. Wt.	Fires

From	Footage	To	Hrs on Bottom	Wt. Dr. Pipe	Stands	Singles	DRILL COLLARS	No	Length	Sub	Wt	DRILL	Table Torque	T	B	G
6240	120	6360	7 3/4	130	60	2	6	6 7/8	181.22	9.74	156					
No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.			
6	8 3/4	X55R	OPEN	17320	26	60	179	14 3/4			1	650	60			

DRILLING
BIG REISER
DRILLING

MUD	8 am	10 am	12 noon	2 pm	PUMP	4 pm	6 pm	PUMP	MOTOR HOURS
WEIGHT	8.4	8.4	8.4	8.4		500	650	650	650
VISCOSITY	30	30	30	30		50	60	60	60
GEL									
W.L.									
ADDITIVES	GENERAL								

Drilling Line Record	Size	Make	Serial No.	No. Lines	T. Dr.	Ten M. Wt.	Total M. Wt.	Fires
	1 1/8	WILMINGTONS	8			1050		1540 TWD

From	Footage	To	Hrs on Bottom	Wt. Dr. Pipe	Stands	Singles	DRILL COLLARS	No	Length	Sub	Wt	DRILL	Table Torque	T	B	G
6360	115	6475	7 3/4	130	62		6	6 7/8	181.22	9.74	9.55					
No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.			
6	8 3/4	X55R	OPEN	17320	25	60	294	22 1/2			1	650	60			

DRILLING
RIG SER ✓
DRILLING

MUD	4 am	6 am	8 am	10 am	PUMP	12 pm	2 pm	PUMP	MOTOR HOURS
WEIGHT	8.4	8.4	8.4	8.4		650	650	650	650
VISCOSITY	30	30	30	30		60	60	60	60
GEL									
W.L.									
ADDITIVES	GENERAL								

Drilling Line Record	Size	Make	Serial No.	No. Lines	T. Dr.	Ten M. Wt.	Total M. Wt.	Fires
	1 1/8	WILMINGTONS	8			1050		SCOTT 111

BOP	Tester	Entering Time	Pres. Rate	Pack. & Seal	Gravel	Flow	Motor	CASING REPORT

TOTCO RING ON BIT	Boiler Operator	Hour	Feet Used	Feet Used

CONSERVATION BOARD COPY

INEXCO HUSKY ET AL PORCUPINE B-31

MAR. 3

72
69

Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
95.91	7			1	500	50	9.74			

REMARKS
RIG SER. 4 3000
REAM 3000 TO 3000
DRILLING

PUMP		MOTOR HOURS	
00.60	50		
0.50	50		
1.19			

DRILLER'S SIGNATURE: [Signature] 3

Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
97.78	14 3/4			1	650	60	9.74			

DRILLING
RIG SER. 4 H 1/2 PIPE MUDS
DRILLING

PUMP		MOTOR HOURS	
00.60	60		
0.60	60		
1.18			

DRILLER'S SIGNATURE: [Signature]

Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
92.77	22 1/2			1	650	60	9.74			

DRILLING
RIG SER. 4 B.O.P.
DRILLING

PUMP		MOTOR HOURS	
00.60	60		
0.60	60		
1.18			

DRILLER'S SIGNATURE: [Signature]

CASING REPORT	
TOTAL	

FUEL USED	EVENTS

DRILLER'S SIGNATURE: [Signature]

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

SWANSEA, MASS.

23

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From	Footage	To	Drill Collars	Drill Bits
5576	114	511	7 3/4	120

No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Corod	Hrs.	Roomed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
5	8 3/4	SCMS	OPEN	99180	18	50	142	7 1/4			1400	500	14				

MUD	PUMP	PUMP	MOTOR HOURS
WEIGHT			
VISCOSITY			
GEL			
ADDITIVES			

From	Footage	To	Drill Collars	Drill Bits
5670	130	5820	1 3/4	120

No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Corod	Hrs.	Roomed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
5	8 3/4	SCMS	OPEN	99180	18	50	272	17			1400	500	14				

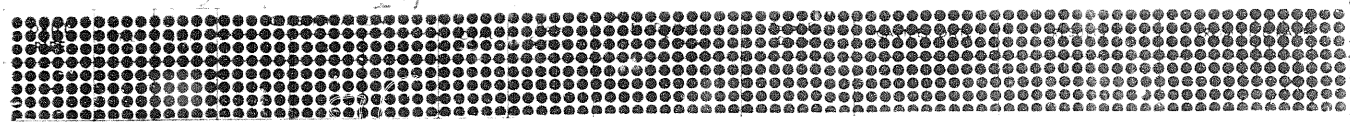
MUD	PUMP	PUMP	MOTOR HOURS
WEIGHT			
VISCOSITY			
GEL			
ADDITIVES			

From	Footage	To	Drill Collars	Drill Bits
5820	140	5700	8	120

No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Corod	Hrs.	Roomed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
5	8 3/4	SCMS	OPEN	99180	18	50	42	25			1400	500	14				

MUD	PUMP	PUMP	MOTOR HOURS
WEIGHT			
VISCOSITY			
GEL			
ADDITIVES			

CASING REPORT



DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
142	94				STIFF FOAM		5174			
200 P.S.I. 1400 C.F.M.										
PUMP MOTOR HOURS										
ON 2nd										
250 52										
5'4"										

REMARKS
 R15 SERVICED
 DRILLING
 800 900 1
 900 900 10
 700 400 6

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
272	17				STIFF FOAM		904			
200 70 500 P.S.I. 1400 C.F.M.										
PUMP MOTOR HOURS										
ON 2nd										
250 52										

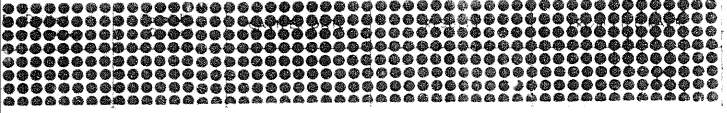
REMARKS
 DRILLING
 R15 SERVICED
 DRILLING
 400 200

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
412	25				STIFF FOAM		774			
200 70 500 P.S.I. 1400 C.F.M.										
PUMP MOTOR HOURS										
ON 2nd										
250 52										

REMARKS
 DRILLING
 400 200

CASING REPORT										
TOTAL										
FUEL USED										

REMARKS
 66



Handwritten signature: H. S. Feigh

COMMONWEALTH DRILLING
DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

INDEPENDENCE E.H. PARSONS 11250

TOUR	M	B	No.	Size	Type	Jets W.C.	Serial No.	Wgt	R.P.M.	Drilled or Corod	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	Notes	
																						From
MIDNIGHT	8	A	5488	60	5548	5 1/2	116	4113	11	50	506	27 3/4	30	2 3/4	STIFF FORM	8	4	0				1000 G.P.
			3	2 3/4	SCMS	OPEN	87727	25	50	506	27 3/4	30	2 3/4									

MUD **PUMP** **PUMP** **MOTOR HOURS**

WEIGHT: No. _____

VISCOSITY: _____

GEL: _____

DESILTER: _____

ADDITIVES: GENERAL ALL ALL PARTS for pressure control
FINE STABILIZERS added.

TOUR	M	B	No.	Size	Type	Jets W.C.	Serial No.	Wgt	R.P.M.	Drilled or Corod	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	Notes	
																						From
MIDNIGHT	8	A	5548	8 3/4	SNB	OPEN	698104	1-2	52		60	2			AIR			2	2			FINISH OUT BIG SER SLIP 20 CHANGE R RUN IN T DRENCH C FINISH IN KIND SING REPAIR UN 60 FEET PILES
			4	8 3/4	SNB	OPEN	698104	1-2	52		60	2										

MUD **PUMP** **PUMP** **MOTOR HOURS**

WEIGHT: No. _____

VISCOSITY: AIR

GEL: _____

DESILTER: 350 8 1/2 x 16

ADDITIVES: GENERAL

DRILLING LINE: 14 WRIGHTS

DRILLING LINE: 8 1/2 102 652 20

DATE: MARCH 4, 1900

TOUR	M	B	No.	Size	Type	Jets W.C.	Serial No.	Wgt	R.P.M.	Drilled or Corod	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	Notes	
																						From
MIDNIGHT	4	P	5548	2	SCMS	2 1/2	99180	17	50	22	2				STIFF FORM							Push out Pile Pile Pile
			5	2	SCMS	2 1/2	99180	17	50	22	2											

MUD **PUMP** **PUMP** **MOTOR HOURS**

WEIGHT: No. _____

VISCOSITY: _____

GEL: _____

DESILTER: _____

ADDITIVES: GENERAL

CASING REPORT

B O P: _____

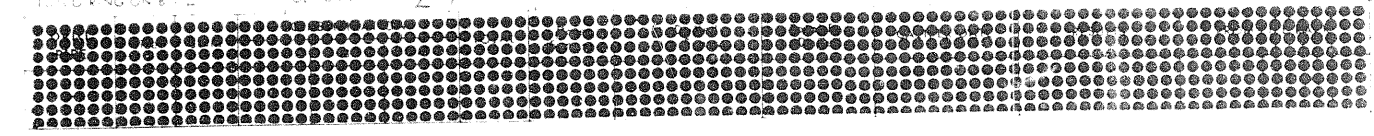
WELL: _____

DATE: _____

TIME: _____

TOTAL: _____

REMARKS: _____



24

INDEPENDENT MURPHY ETL. PORTLAND, ORE. 71.631

MARCH 4

72
5.

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
506	27 3/4	30	23 1/4	STIFF FORM	2-6 P.S.			8	4	0
				1000 C.F.M.						
PUMP					MOTOR HOURS					
PARKS V FOR PRESSURE 2878 4 20										
PUSHERS AND IN PLACE.										

REMARKS
 12 2 2
 1
 2 3
 3 1/2
 2 2
 2

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
60	2			AIR				2	2	1
				MOTOR HOURS						

REMARKS
 FINISH OUT 800 830 1/2
 RIG SER V BIND RAMP 830 845 1/4
 SLIP 20' LINE 845 900 1/4
 CHANGE RUBBER ON CHN HEAD 900 915 1/4
 RUN IN TO 2500 915 1000 3/4
 BREAK CIRC NO WATER 1000 1030 1/2
 FINISH IN TO 5100 1030 1120 1
 BREAK CIRC. RUN ~~IN~~ TO 5410 1120 200 2 1/2
 REPAIR UNDERGASSED 1/4" 200
 60 FEET 400 2
 FIRES

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
22	13			STIFF FORM	175 P.S.					
				MOTOR HOURS						

REMARKS
 PULL OUT 400 600 2
 RIG SER ROPS 600 615 1/4
 615 630 1/2
 630 645 1/4
 645 660 1/2
 660 675 1/4
 675 690 1/2
 690 705 1/4
 705 720 1/2
 720 735 1/4
 735 750 1/2
 750 765 1/4
 765 780 1/2
 780 795 1/4
 795 810 1/2
 810 825 1/4
 825 840 1/2
 840 855 1/4
 855 870 1/2
 870 885 1/4
 885 900 1/2
 900 915 1/4
 915 930 1/2
 930 945 1/4
 945 960 1/2
 960 975 1/4
 975 990 1/2
 990 1005 1/4
 1005 1020 1/2
 1020 1035 1/4
 1035 1050 1/2
 1050 1065 1/4
 1065 1080 1/2
 1080 1095 1/4
 1095 1110 1/2
 1110 1125 1/4
 1125 1140 1/2
 1140 1155 1/4
 1155 1170 1/2
 1170 1185 1/4
 1185 1200 1/2
 1200 1215 1/4
 1215 1230 1/2
 1230 1245 1/4
 1245 1260 1/2
 1260 1275 1/4
 1275 1290 1/2
 1290 1305 1/4
 1305 1320 1/2
 1320 1335 1/4
 1335 1350 1/2
 1350 1365 1/4
 1365 1380 1/2
 1380 1395 1/4
 1395 1410 1/2
 1410 1425 1/4
 1425 1440 1/2
 1440 1455 1/4
 1455 1470 1/2
 1470 1485 1/4
 1485 1500 1/2
 1500 1515 1/4
 1515 1530 1/2
 1530 1545 1/4
 1545 1560 1/2
 1560 1575 1/4
 1575 1590 1/2
 1590 1605 1/4
 1605 1620 1/2
 1620 1635 1/4
 1635 1650 1/2
 1650 1665 1/4
 1665 1680 1/2
 1680 1695 1/4
 1695 1710 1/2
 1710 1725 1/4
 1725 1740 1/2
 1740 1755 1/4
 1755 1770 1/2
 1770 1785 1/4
 1785 1800 1/2
 1800 1815 1/4
 1815 1830 1/2
 1830 1845 1/4
 1845 1860 1/2
 1860 1875 1/4
 1875 1890 1/2
 1890 1905 1/4
 1905 1920 1/2
 1920 1935 1/4
 1935 1950 1/2
 1950 1965 1/4
 1965 1980 1/2
 1980 1995 1/4
 1995 2010 1/2
 2010 2025 1/4
 2025 2040 1/2
 2040 2055 1/4
 2055 2070 1/2
 2070 2085 1/4
 2085 2100 1/2
 2100 2115 1/4
 2115 2130 1/2
 2130 2145 1/4
 2145 2160 1/2
 2160 2175 1/4
 2175 2190 1/2
 2190 2205 1/4
 2205 2220 1/2
 2220 2235 1/4
 2235 2250 1/2
 2250 2265 1/4
 2265 2280 1/2
 2280 2295 1/4
 2295 2310 1/2
 2310 2325 1/4
 2325 2340 1/2
 2340 2355 1/4
 2355 2370 1/2
 2370 2385 1/4
 2385 2400 1/2
 2400 2415 1/4
 2415 2430 1/2
 2430 2445 1/4
 2445 2460 1/2
 2460 2475 1/4
 2475 2490 1/2
 2490 2505 1/4
 2505 2520 1/2
 2520 2535 1/4
 2535 2550 1/2
 2550 2565 1/4
 2565 2580 1/2
 2580 2595 1/4
 2595 2610 1/2
 2610 2625 1/4
 2625 2640 1/2
 2640 2655 1/4
 2655 2670 1/2
 2670 2685 1/4
 2685 2700 1/2
 2700 2715 1/4
 2715 2730 1/2
 2730 2745 1/4
 2745 2760 1/2
 2760 2775 1/4
 2775 2790 1/2
 2790 2805 1/4
 2805 2820 1/2
 2820 2835 1/4
 2835 2850 1/2
 2850 2865 1/4
 2865 2880 1/2
 2880 2895 1/4
 2895 2910 1/2
 2910 2925 1/4
 2925 2940 1/2
 2940 2955 1/4
 2955 2970 1/2
 2970 2985 1/4
 2985 3000 1/2
 3000 3015 1/4
 3015 3030 1/2
 3030 3045 1/4
 3045 3060 1/2
 3060 3075 1/4
 3075 3090 1/2
 3090 3105 1/4
 3105 3120 1/2
 3120 3135 1/4
 3135 3150 1/2
 3150 3165 1/4
 3165 3180 1/2
 3180 3195 1/4
 3195 3210 1/2
 3210 3225 1/4
 3225 3240 1/2
 3240 3255 1/4
 3255 3270 1/2
 3270 3285 1/4
 3285 3300 1/2
 3300 3315 1/4
 3315 3330 1/2
 3330 3345 1/4
 3345 3360 1/2
 3360 3375 1/4
 3375 3390 1/2
 3390 3405 1/4
 3405 3420 1/2
 3420 3435 1/4
 3435 3450 1/2
 3450 3465 1/4
 3465 3480 1/2
 3480 3495 1/4
 3495 3510 1/2
 3510 3525 1/4
 3525 3540 1/2
 3540 3555 1/4
 3555 3570 1/2
 3570 3585 1/4
 3585 3600 1/2
 3600 3615 1/4
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 3630 3645 1/4
 3645 3660 1/2
 3660 3675 1/4
 3675 3690 1/2
 3690 3705 1/4
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 3720 3735 1/4
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 3750 3765 1/4
 3765 3780 1/2
 3780 3795 1/4
 3795 3810 1/2
 3810 3825 1/4
 3825 3840 1/2
 3840 3855 1/4
 3855 3870 1/2
 3870 3885 1/4
 3885 3900 1/2
 3900 3915 1/4
 3915 3930 1/2
 3930 3945 1/4
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 3960 3975 1/4
 3975 3990 1/2
 3990 4005 1/4
 4005 4020 1/2
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 4050 4065 1/4
 4065 4080 1/2
 4080 4095 1/4
 4095 4110 1/2
 4110 4125 1/4
 4125 4140 1/2
 4140 4155 1/4
 4155 4170 1/2
 4170 4185 1/4
 4185 4200 1/2
 4200 4215 1/4
 4215 4230 1/2
 4230 4245 1/4
 4245 4260 1/2
 4260 4275 1/4
 4275 4290 1/2
 4290 4305 1/4
 4305 4320 1/2
 4320 4335 1/4
 4335 4350 1/2
 4350 4365 1/4
 4365 4380 1/2
 4380 4395 1/4
 4395 4410 1/2
 4410 4425 1/4
 4425 4440 1/2
 4440 4455 1/4
 4455 4470 1/2
 4470 4485 1/4
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 4515 4530 1/2
 4530 4545 1/4
 4545 4560 1/2
 4560 4575 1/4
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 4590 4605 1/4
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 5790 5805 1/4
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 5910 5925 1/4
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 7500 7515 1/4
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 7605 7620 1/2
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 7680 7695 1/4
 7695 7710 1/2
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 7770 7785 1/4
 7785 7800 1/2
 7800 7815 1/4
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 7830 7845 1/4
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 7905 7920 1/2
 7920 7935 1/4
 7935 7950 1/2
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 7965 7980 1/2
 7980 7995 1/4
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 8010 8025 1/4
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 8475 8490 1/2
 8490 8505 1/4
 8505 8520 1/2
 8520 8535 1/4
 8535 8550 1/2
 8550 8565 1/4
 8565 8580 1/2
 8580 8595 1/4
 8595 8610 1/2
 8610 8625 1/4
 8625 8640 1/2
 8640 8655 1/4
 8655 8670 1/2
 8670 8685 1/4
 8685 8700 1/2
 8700 8715 1/4
 8715 8730 1/2
 8730 8745 1/4
 8745 8760 1/2
 8760 8775 1/4
 8775 8790 1/2
 8790 8805 1/4
 8805 8820 1/2
 8820 8835 1/4
 8835 8850 1/2
 8850 8865 1/4
 8865 8880 1/2
 8880 8895 1/4
 8895 8910 1/2
 8910 8925 1/4
 8925 8940 1/2
 8940 8955 1/4
 8955 8970 1/2
 8970 8985 1/4
 8985 9000 1/2
 9000 9015 1/4
 9015 9030 1/2
 9030 9045 1/4
 9045 9060 1/2
 9060 9075 1/4
 9075 9090 1/2
 9090 9105 1/4
 9105 9120 1/2
 9120 9135 1/4
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 9165 9180 1/2
 9180 9195 1/4
 9195 9210 1/2
 9210 9225 1/4
 9225 9240 1/2
 9240 9255 1/4
 9255 9270 1/2
 9270 9285 1/4
 9285 9300 1/2
 9300 9315 1/4
 9315 9330 1/2
 9330 9345 1/4
 9345 9360 1/2
 9360 9375 1/4
 9375 9390 1/2
 9390 9405 1/4
 9405 9420 1/2
 9420 9435 1/4
 9435 9450 1/2
 9450 9465 1/4
 9465 9480 1/2
 9480 9495 1/4
 9495 9510 1/2
 9510 9525 1/4
 9525 9540 1/2
 9540 9555 1/4
 9555 9570 1/2
 9570 9585 1/4
 9585 9600 1/2
 9600 9615 1/4
 9615 9630 1/2
 9630 9645 1/4
 9645 9660 1/2
 9660 9675 1/4
 9675 9690 1/2
 9690 9705 1/4

31 ENEXCO ... 53M

MARCH 3 64

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	B	G
157	8 1/2	30	27	170	PSI					
PUMP										
MOTOR HOURS										
-7'3"										

REMARKS
 ...
 ...
 ...

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	B	G
346	16 1/4			170	PSI					
PUMP										
MOTOR HOURS										
STIFF FORM										
RUNNING										

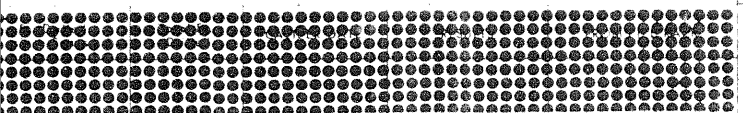
REMARKS
 DRILLING
 BIG SER ...
 DRILLING
 800 9' 1/4
 930 9' 1/4
 930 4' 0' 6"

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	B	G
446	21 1/4	30	27	170	PSI					
PUMP										
MOTOR HOURS										
STIFF FORM										
RUNNING										

REMARKS
 BIG SER B.O.P.
 DRILLING
 PRES. UP TO 600 LBS PICKED UP TO 4"
 UNLOAD HOLE
 DRILLING
 500 1/2
 500 1/2
 30
 12 1/2

CASING REPORT	
TOTAL	
FUEL USED	

REMARKS
 ...
 ...
 ...



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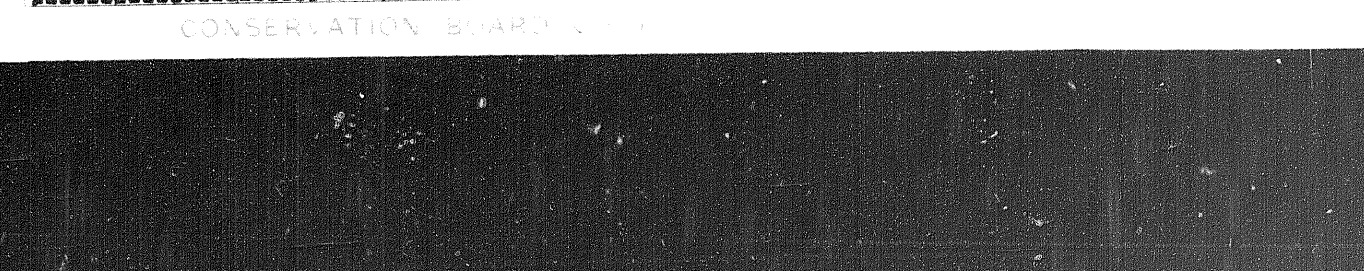
COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO WELL

TOUR	MIDNIGHT TO 3 AM	MUD	Footage		Jets	W.C.	Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	
			From	To																	
TOUR	MIDNIGHT TO 3 AM	MUD	4992	20	5012	2 1/2	02A	17250	5	50	107	9			STIFF FLUID	18			2	2	2
TOUR	MIDNIGHT TO 3 AM	MUD	5012	30	5042	3 3/4	110M	4348	60	30	3 3/4	15			STIFF FLUID	200			GOOD		
TOUR	MIDNIGHT TO 3 AM	MUD	5042	23	5065	3	8 3/4	SCALD OPEN	87227	12	60	23	12	30	2 3/4	STIFF FLUID					

RIG SERV
FINISH
LINES
DROP BAL
OUT CONE
PULL OUT
FINISH ON
RECOVER
RIG SERV
RUN IN W
BREAK CIRC
RECOVER

B O P		Casing Report	
Drilling Line	Size	Make	Serial No.
1 1/4	WRIGHTS		
TOTAL			



COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

INEXCO HUSKY ET AL FORD WMB 6-31

From	Footage	To	Drill Collars	Wt	R.P.M.	Drilled or Cored	Drill Collars	Wt	R.P.M.	Drilled or Cored	Drill Collars	Wt	R.P.M.	Drilled or Cored
1100	5	1105	15	16	45	5	15	16	45	5	15	16	45	5
No.	Size	Type	Jets W.C.	Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque
8 3/4	8516	OPEN		698297	12	40	5	1/2			600	60	3	3

MUD

WEIGHT: 8.5
VISCOSITY: 30
GEL: 30
DESIGNER: 5/2 x 16

PUMP

PUMP

MOTOR HOURS

ADDITIVES: 2 SKS BICARB GENERAL

From	Footage	To	Drill Collars	Wt	R.P.M.	Drilled or Cored	Drill Collars	Wt	R.P.M.	Drilled or Cored	Drill Collars	Wt	R.P.M.	Drilled or Cored
415														
No.	Size	Type	Jets W.C.	Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque
2	8 3/4	OPEN		17250										

MUD

WEIGHT: 8.5
VISCOSITY: 30
GEL: 30
DESIGNER: 5/2 x 16

PUMP

PUMP

MOTOR HOURS

ADDITIVES: 2 SKS BICARB GENERAL

From	Footage	To	Drill Collars	Wt	R.P.M.	Drilled or Cored	Drill Collars	Wt	R.P.M.	Drilled or Cored	Drill Collars	Wt	R.P.M.	Drilled or Cored
4705	87	4792	46	1100	4	87	46	1100	4	87	46	1100	4	87
No.	Size	Type	Jets W.C.	Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque
2	8 3/4	OPEN		17250		87	46							

MUD

WEIGHT: 8.5
VISCOSITY: 30
GEL: 30
DESIGNER: 5/2 x 16

PUMP

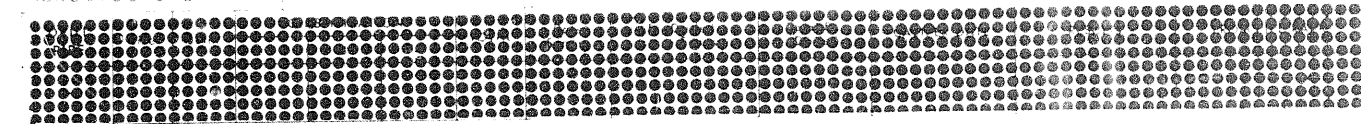
PUMP

MOTOR HOURS

ADDITIVES: 1 bag of cement-G GENERAL

B.O.P.	Level	Slip off	Run	Drill Collars	Wt	R.P.M.	Drilled or Cored	Drill Collars	Wt	R.P.M.	Drilled or Cored	Drill Collars	Wt	R.P.M.	Drilled or Cored

CASING REPORT



CONSERVATION BOARD

COMMONWEALTH DRILLING

31

INEXCO HUSKY ETNA PORCUPINE A-31

DAILY DRILLING LOG
DIRECTIONS TO
WELL

TOUR	MIDNIGHT TO 8 AM	DRILL COLLARS													D.O.C.		
		No	Size	Type	Jets W.C.	Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure		S.P.M.	Table Torque
		MUD															
		PUMP															
		PUMP															
		MOTOR HOURS															
		WEIGHT															
		VISCOSITY															
		GEL															
		W.I.															
		DESILTER															
		ADDITIVES															
		GENERAL															
		DRILLING LINE RECORD															
		DRILL COLLARS															
		MUD															
		PUMP															
		PUMP															
		MOTOR HOURS															
		WEIGHT															
		VISCOSITY															
		GEL															
		W.I.															
		DESILTER															
		ADDITIVES															
		GENERAL															
		DRILLING LINE RECORD															
		DRILL COLLARS															
		MUD															
		PUMP															
		PUMP															
		MOTOR HOURS															
		WEIGHT															
		VISCOSITY															
		GEL															
		W.I.															
		DESILTER															
		ADDITIVES															
		GENERAL															
		DRILLING LINE RECORD															
		DRILL COLLARS															
		MUD															
		PUMP															
		PUMP															
		MOTOR HOURS															
		WEIGHT															
		VISCOSITY															
		GEL															
		W.I.															
		DESILTER															
		ADDITIVES															
		GENERAL															
		DRILLING LINE RECORD															

D.O.C.

FIRES

FIRES

FIRES

DRILL COLLARS 15 7" 2 7/8 12182
6 HR 6 1/2 10122

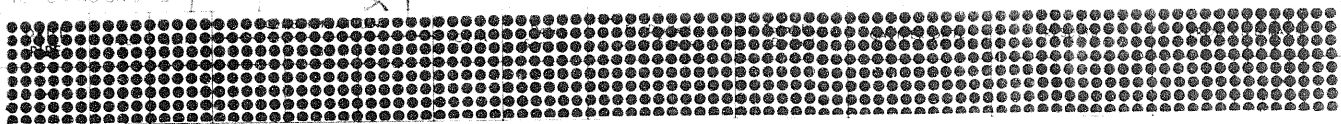
3

9.74

1 1/2" 3S16 OPEN 698297

CASING REPORT

B.O.P.	Tested	Elevation	Flow	Pressure	Flow & Temp	Flow	Flow
TOTAL							
TOTAL							



CONSERVATION BOARD COPY

INEXCO HUSKY ETNA PORCUPINE F-31

FEB 29

72

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP				MOTOR HOURS						
				1						
				2						
				3						
				4						
				5						

REMARKS
W.O.C.

START TIME
12:00 P.M.

STOP TIME
12:00 P.M.

DRILLER'S SIGNATURE
Steve [Signature]

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP				MOTOR HOURS						
				1						
				2						
				3						
				4						
				5						

REMARKS
W.O.C.

DRILLER'S SIGNATURE
Steve [Signature]

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP				MOTOR HOURS						
				1						
				2						
				3						
				4						
				5						

REMARKS
W.O.C.

DRILLER'S SIGNATURE
[Signature]

START TIME
12:00 P.M.

STOP TIME
12:00 P.M.

CASING REPORT	
TOTAL	
FUEL USED	

REMARKS
W.O.C.

DRILLER'S SIGNATURE
[Signature]

APPROVED BY
Operator
Representative
Toolpusher

APPROVED BY
[Signature]

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

INEXCO HUSKY ET AL CONQUINA 2-31

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From Footage To Bottom Weight Pipe Collars
49 DRILL COLLARS 3 11 28 3622 1275

B	No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G

MUD: 8 1/2 in. 12.5 lb/gal
PUMP: 3000
MOTOR HOURS: 1275

WEIGHT: 110
VISCOSITY: 100
GEL: 10
W: 10
ADDITIVES: GENERAL
FUEL 6' 11"

Drilling Line Record

2 1/2 COLLARS
RUN IN 12 1/2'
SINK CIR.

From Footage To Bottom Weight Pipe Collars

B	No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G

MUD: 8 1/2 in. 12.5 lb/gal
PUMP: 3000
MOTOR HOURS: 1275

WEIGHT: 80
VISCOSITY: 100
GEL: 10
W: 10
ADDITIVES: 5000 GEL, 150 CAUSTIC
GENERAL

Drilling Line Record

FIRES

From Footage To Bottom Weight Pipe Collars

B	No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G

MUD: 4 1/2 in. 12.5 lb/gal
PUMP: 3000
MOTOR HOURS: 1275

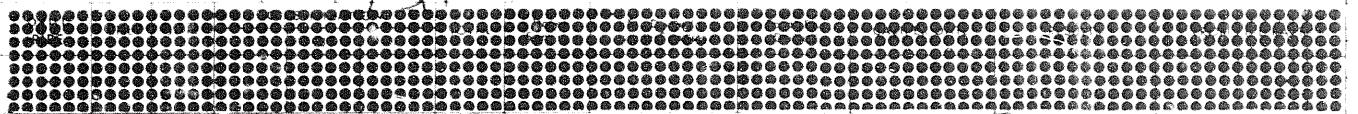
WEIGHT: 100
VISCOSITY: 100
GEL: 10
W: 10
ADDITIVES: GENERAL

Drilling Line Record

FIRES

B O P Tested Elongated Free Packing & Seal
Casing Report

TOTAL RING ON BIT 2
Operator: 11 24
FUEL USED



CONSERVATION BOARD COPY

COMMONWEALTH DRILLING
DAILY DRILLING LOG
DIRECTIONS TO WELL

31

INEXCO HUSK / ETAL FORCUMINE G-31

TOUR	DRILL COLLARS														
	No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque
MIDNIGHT TO 8 AM	M U D														
	P U M P														
	MOTOR HOURS														
	WEIGHT														
	VISCOSITY														
8 AM TO 4 PM	M U D														
	P U M P														
	MOTOR HOURS														
	WEIGHT														
	VISCOSITY														
4 PM TO MIDNIGHT	M U D														
	P U M P														
	MOTOR HOURS														
	WEIGHT														
	VISCOSITY														

CHANGED FILTERS IN COMPRESSOR LUB OIL

90 SRS KOLIX SAHL

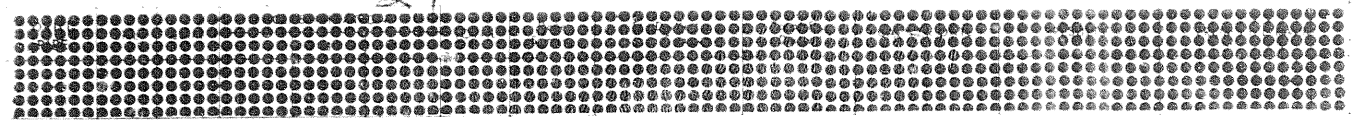
CASING REPORT

LOGGING

FULL

LAW FELL
DUNE IND
FORMATION
SIC
SIBENE No
Dipine

24



INEXCO HUSK/ ETAL PORCU PIPE G-31

FEB 26

72

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	SPM	Table Torque	T	B	G
PUMP				MOTOR HOURS						
ED FILTERS IN ADD LUB OIL										

REMARKS

LOGGING

2.5 B.C. 8

FUEL 0 7

PIPES

DRILLER'S SIGNATURE

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	SPM	Table Torque	T	B	G
PUMP				MOTOR HOURS						
15										

REMARKS

LAN FOLLOWING LOGS

DUAL INDUCTION LATERAL LOG	4882	990'
FORMATION DENSITY LOG	4835	110
GRC SONIC LOG	4855	1250
SONIC NEUTRON POROSITY LOG	4855	110
DIPHONIC	4885	110

DRILLER'S SIGNATURE

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	SPM	Table Torque	T	B	G
PUMP				MOTOR HOURS						

REMARKS

MIX AWIS END

800 110 31

DRILLER'S SIGNATURE

CASING REPORT	
TOTAL	
FUEL COST	

57

Approved by: [Signature]

Operator: [Signature]

Approved by: [Signature]

Top pointer: [Signature]

INEXCO HUSK/ ETAL PORCU PIPE G-31

FEB 26

72

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	SPM	Table Torque	T	B	G
PUMP				MOTOR HOURS						
ED FILTERS IN ADD LUB OIL										

REMARKS

LOGGING

2.5 B.C. 8

FUEL 0 7

PIPES

DRILLER'S SIGNATURE

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	SPM	Table Torque	T	B	G
PUMP				MOTOR HOURS						
15										

REMARKS

LAN FOLLOWING LOGS

DUAL INDUCTION LATERAL LOG	4882	990'
FORMATION DENSITY LOG	4835	110
WTC SONIC LOG	4855	1250
SONIC NEUTRON POROSITY LOG	4855	110
DIPHONIC	4855	110

PIPES

DRILLER'S SIGNATURE

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	SPM	Table Torque	T	B	G
PUMP				MOTOR HOURS						

REMARKS

MIX AWIS END

800 110 31

PIPES

DRILLER'S SIGNATURE

CASING REPORT	
TOTAL	
FUEL COST	

57

Approved by: [Signature]

Operator: [Signature]

Approved by: [Signature]

Top man: [Signature]

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

INESCO HOLLY RT PL HOBOCKEN

6 21

From	Footage	To	Direction	Rate	Time	Drill Collars	Drill Bits	Pressure	Stab
4662	68	4680	7 1/4	102 m	44	2	3	2370	870
No	Size	Type	Jets W C	Serial No	Wgt	R P M	Drilled or Coated	Pressure	Stab
14	12 1/2	ARXSS OPEN		TN706	14-12	52	175	22 1/2	

MUD WEIGHT: AIR & SCAP
VISCOSITY
GEL
ADDITIVES

PUMP ON TANKS
PUMP 350 4 x 18 20
MOTOR HOURS FUEL MAIN 2'6" STORAGE 4'1"

STIFF FIRM. RUNNING
 PSI 200
 CFM 2250

DRILLING
 BLOW HOSE
 MIG SOLDER
 DRILLING

From	Footage	To	Direction	Rate	Time	Drill Collars	Drill Bits	Pressure	Stab
4680	66	4746	7	102 m	45	1	3	8370	870
No	Size	Type	Jets W C	Serial No	Wgt	R P M	Drilled or Coated	Pressure	Stab
14	12 1/2	ARXSS OPEN		TN706	12	52	241	29 1/2	

MUD WEIGHT: ON TANKS
VISCOSITY
GEL
ADDITIVES 1 bag of X-FLU-G

PUMP ON TANKS
PUMP 350 2 x 18 20
MOTOR HOURS CHAT DOWN

STIFF FIRM. RUNNING
 PSI 200
 CFM 2250

DRILLING
 BLOW HOSE
 MIG SOLDER
 DRILLING

From	Footage	To	Direction	Rate	Time	Drill Collars	Drill Bits	Pressure	Stab
4746	65	4811	7 1/4	102 m	45	1	3	8370	870
No	Size	Type	Jets W C	Serial No	Wgt	R P M	Drilled or Coated	Pressure	Stab
14	12 1/2	ARXSS OPEN		TN706	12	52	326	37 1/2	

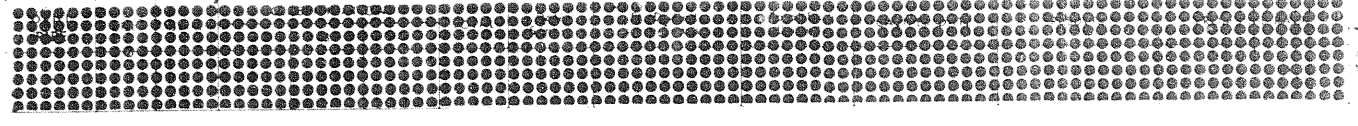
MUD WEIGHT: 125630
VISCOSITY
GEL
ADDITIVES 125630

PUMP ON TANKS
PUMP 350 2 x 18 20
MOTOR HOURS

STIFF FIRM. RUNNING
 PSI 200
 CFM 2250

DRILLING
 BLOW HOSE
 MIG SOLDER
 DRILLING

BOP
 CASING REPORT
 TOTAL TIME 14 24



DRILLING
 BLOW HOSE
 MIG SOLDER
 DRILLING

Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pressure	S.P.M.	Table Torque	T	B	C
27.17	22 1/2		9	3	26580					
DRILL COLLARS 3 9 3 8370 8040 830 698 STIFF FRAME RUNNING PSI 208 CFM 2150 MOTOR HOURS FUEL MAIN 1'6" STORAGE 4'1"										
TANKS 18 80 52 x 15 H709.6°										

REMARKS	TIME
DRILLING	1200/20 1 1/2
BLOW HOLE TO SURVEY @ #615	130 200 1/2
RIG SER V B.O.P.	800 215 1/4
DRILLING	215 800 5 1/2

Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pressure	S.P.M.	Table Torque	T	B	C
50.24	29 1/2		9	3	26580					
DRILL COLLARS 3 9 3 8370 8040 830 698 STIFF FRAME RUNNING PSI 208 CFM 2250 MOTOR HOURS SHUT DOWN TANKS 18 250 52 x 15 H709.6°										

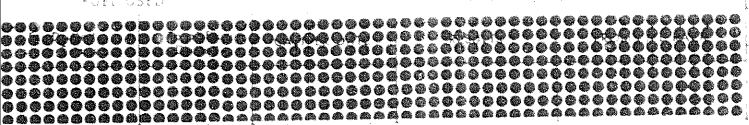
REMARKS	TIME
RIG - ERV V 30R	800 6 15 1/4
DRUG	800 12 15 1/4
BLOW HOLE TO SURVEY	600 1 15 3/4
DRUG	100 4 15 3

Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pressure	S.P.M.	Table Torque	T	B	C
326	37 1/2		9	3	26580					
DRILL COLLARS 3 9 3 8370 8040 830 698 STIFF FRAME RUNNING PSI 208 CFM 2250 MOTOR HOURS TANKS 18 350 52 x 15 H709.6°										

REMARKS	TIME
DRUG	400 12 15 1/4

CASING REPORT

DATE: _____ TIME: _____



DRILLING AIR EQUIPMENT
 OPERATED AND CHECKED
 APPROVED BY: _____
 DATE: _____

DRILL COLLARS												REMARKS	TIME		
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G		Start	Stop	Min	
254	9	7	2	265	80	9040	830	698	420	288		12:00	2:00	2	
STIFF FRAME P.S.I 200 C.F.M 2250 H 3 I RUNNER												BURIG	12:00	2:00	2
PUMP												BLOW HOLE TO TRIP	2:00	2:30	1/2
MOTOR HOURS												TRIP OUT	2:30	4:00	1 1/2
FUEL												CHANGE CUTTERS ON NEAR BIT REMOVAL	4:00	4:20	1/2
TANKS												RIG SER & CHECK BLEND ADJUST	4:20	4:45	1/4
18 250 5 1/2 x 15												RUN IN WITH 1 1/4"	4:45	6:00	1 1/4
												BURN CIRC 10 STIKES OF BOTTOM	6:00	6:15	1/4
												FINISH IN	6:15	6:30	1/4
												BREAK CIRC. - LEAN	6:30	7:15	1 1/2
20 114 20 60 1500 FEED 5000 7												FIRES			
DRILL COLLARS												DRILLER'S SIGNATURE			
63	9	7	2 1/4	265	80	9040	830	698	420	288		8:15	8:45	1/4	
STIFF FRAME												RIG SER & CHECK BLEND	8:15	8:45	1/4
P.S.I 200												DRAG	8:45	9:15	1/2
C.F.M 2250												BLOW HOLE - CURVED	9:15	9:45	1/2
MOTOR HOURS												DRAG	9:45	4:00	1 1/4
TANKS															
18 250 5 1/2 x 15															
1523 6															
42															
114 20 60 1500 FEED 5000 2												FIRES			
DRILL COLLARS												DRILLER'S SIGNATURE			
4	9	7	2 1/4	265	80	9040	830	698	420	288		4:00	12:00	8	
STIFF FRAME												DRAG	4:00	12:00	8
P.S.I 200															
C.F.M 2250															
MOTOR HOURS															
TANKS															
18 250 5 1/2 x 15															
SHUT DOWN															

CASING REPORT

TOTAL

53

Change collar on
Robby Shank

Accepted by
[Signature]
Accepted by
[Signature]

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

21

INEXCO HULL ET AL INCORPORATE

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4314	58	4392	7'4"	100'	3576.23	41	1	DRILL COLLARS	2	9	3	8370	900	22	SP	412	5.81
B	No	Size	Type	Jets W.C.	Serial No	Wat	R.P.M.	Drilled or Corod	Mrs	Peamed	Mrs	No	Pressure	S.P.M.	Table Torque	T	S
T	13	12 1/4	M88	OPEN	370973	10	50	126	15'4"								
S																	

MUD **PUMP** **PUMP** **MOTOR HOURS**

WEIGHT: 8.0
 VISCOSITY: 27
 GEL: 15
 W.L.: 250
 ADDITIVES: GEL 12500, LAUSTIC 1000
 GENERAL: 66
 FUEL: MINNA 9'
 STORAGE: 5'8"
 -11

4372	68	4440	7'4"	100'	3949.83	42	1	DRILL COLLARS	3	7	3	8370	900	22	SP	412	5.81
B	No	Size	Type	Jets W.C.	Serial No	Wat	R.P.M.	Drilled or Corod	Mrs	Peamed	Mrs	No	Pressure	S.P.M.	Table Torque	T	S
T	13	12 1/4	M88	OPEN	370973	10	50	189	23								
S																	

MUD **PUMP** **PUMP** **MOTOR HOURS**

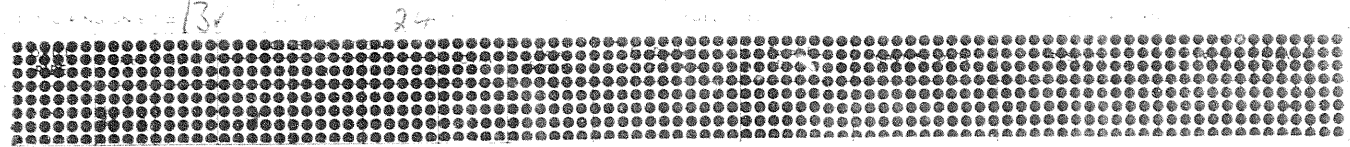
WEIGHT: 8.0
 VISCOSITY: 27
 GEL: 15
 W.L.: 250
 ADDITIVES: 1 BAG CALCON, 1 BAG X-PEL-G
 GENERAL: 66
 FUEL: MINNA 9'
 STORAGE: 5'8"
 -11

4440	48	4480	7'2"	100'	4221.2	42	1	DRILL COLLARS	3	7	3	8370	900	22	SP	412	5.81
B	No	Size	Type	Jets W.C.	Serial No	Wat	R.P.M.	Drilled or Corod	Mrs	Peamed	Mrs	No	Pressure	S.P.M.	Table Torque	T	S
T	13	12 1/4	M88	OPEN	370973	10	50	237	30								
S																	

MUD **PUMP** **PUMP** **MOTOR HOURS**

WEIGHT: 8.0
 VISCOSITY: 27
 GEL: 15
 W.L.: 250
 ADDITIVES: 1 BAG CALCON, 1 BAG X-PEL-G
 GENERAL: 66
 FUEL: MINNA 9'
 STORAGE: 5'8"
 -11

BOP **CASING REPORT**



Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S P M	Table Torque	T	B	G
76.23	15.4		9	3	8370	9048	830			
STIFF FOAM RUNNING										
P.S.I. 200										
C.F.M. 2250										
PUMP						MOTOR HOURS				
FUEL MAIN 9'										
STORAGE 5'8"										
4.66										

REMARKS	TIME
DRAG	12:00
BLOW HOLE & SURVEY	4:45
RIG SER & CHECK	5:30
DRAG	5:00

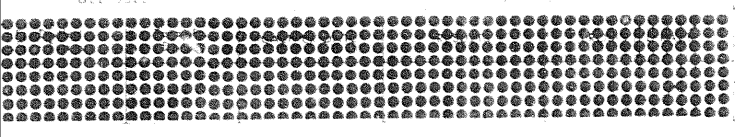
Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S P M	Table Torque	T	B	G
39.83	23		7	3	8370	9048	830			
STIFF FOAM RUNNING										
P.S.I. 200										
C.F.M. 2250										
PUMP						MOTOR HOURS				

REMARKS	TIME
RIG SER	1:00
DRAG	1:30
BLOW OUT	2:00

Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S P M	Table Torque	T	B	G
237	30.4		7	3	8370	9048	830			
STIFF FOAM RUNNING										
P.S.I. 200										
C.F.M. 2250										
PUMP						MOTOR HOURS				

REMARKS	TIME
BLOW HOLE	4:00
DRAG	4:30
DRAG	12:00

CASING REPORT



Approved by
 Checked by
 Reported by
 Approved by
 Reported by

Stakeme Stable
[Signature]

DRILL COLLARS		Hrs		Pump		Pressure		S P M		Torque		T		B		G	
147	10 1/4	9	7	2	26580	190	490	323									
STIFF FOAM PSI 190 CFM 2100 MOTOR HOURS FUEL 3' 9"																	

REMARKS		TIME	
RIG SERV V B.O.P.		1200	1215
DRILLING		1215	1245
BLOW HOLE & SURVEY @ #402		1245	1300
DRILLING		1300	1302

DRILL COLLARS		Hrs		Pump		Pressure		S P M		Torque		T		B		G	
27	37	9	7	2	26580	190	490	323									
STIFF FOAM PSI 190 CFM 2100 MOTOR HOURS FUEL 3' 9"																	

REMARKS		TIME	
RIG SERV V B.O.P.		1300	1315
BLOW HOLE & SURVEY		1315	1345
DRILLING		1345	1357

DRILL COLLARS		Hrs		Pump		Pressure		S P M		Torque		T		B		G	
265	75	9	7	2	26580	190	490	323									
STIFF FOAM PSI 190 CFM 2100 MOTOR HOURS FUEL 3' 9"																	

REMARKS		TIME	
DRAG		1300	1330
BLOW HOLE & SURVEY @ #148		1330	1340
RIG SERV. V. & B.O.P.s		1340	1345
DRILLING		1345	1200

CASING REPORT

50

Approved by: [Signature]

Checked by: [Signature]

Addressed by: [Signature]

Tool joint: [Signature]

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

INEXCO HUSKY ET AL

POMIUPINE

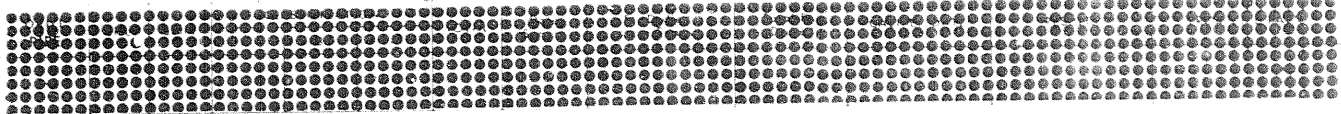
G 31

TOUR	M	I	D	N	I	G	H	T	S	Time	Footage	No.	Size	Type	Jets W.C.	Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.V.	Table Torque	MOTOR HOURS	Notes	
																													DRILL COLLARS
TOUR	M	I	D	N	I	G	H	T	S	3883	27	3910	4 1/4	951	34	3372	36	2	24	3372	9	7	2	26580	870	19.96		DRILLING	
										10	12 1/4	DMA	OPEN	912583	11	60	194	19	STIFF FOAM	880			Blow Hole						
TOUR	M	I	D	N	I	G	H	T	S																		STAMP OF		
										11	12 1/4	MULGJ		160724					PSI 190	11.13	REMARK 1490	RIO FERR							
TOUR	M	I	D	N	I	G	H	T	S																		Blow Hole		
TOUR	M	I	D	N	I	G	H	T	S																			Blow Hole	
TOUR	M	I	D	N	I	G	H	T	S	3910	5	3915	3/4	351	3438	31	33	33	3	3	3	3377	10	850	6.98		DRILLING		
										11	12 1/4	MAL	OPEN	160724	8	60	5	1/4	50	1/2	STIFF FOAM	440	1.31	RIG DOWN					
TOUR	M	I	D	N	I	G	H	T	S																			Blow Hole	
										12	12 1/4	C2G	RAP	579444					PSI 110			Blow Hole							
TOUR	M	I	D	N	I	G	H	T	S																			Blow Hole	
TOUR	M	I	D	N	I	G	H	T	S	3915	55	3920	3 3/4	944	3046	20	16	60	3 3/4	3	3	3	3377	10	850	6.98		DRILLING	
										12	12 1/4	C2G	RAP	579444	10	16	60	3 3/4	STIFF FOAM	DRILL			Blow Hole						
TOUR	M	I	D	N	I	G	H	T	S																			Blow Hole	
TOUR	M	I	D	N	I	G	H	T	S																				Blow Hole

B O P

CASING REPORT

24



Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	SPM	Table Torque	T	E	G
2	9	3	27	2	26580	870	698	19.96		
194	19									

STIFF FOAM
PSI 190
CEM 2100
MOTOR HOURS

REMARKS

DRILLING 1200 H 18 42
BLOW HOLE TO TRIP 4 15 4 15 12
STRAP OUT 4 16 12
BIG SER V CHECK BLIND ROPS 6 15 6 15 10
PICK UP NEAR BIT HEAD ER 6 30 7 00 12
RUN IN W/ BIT # 11 9 00 8 00 1

FIRES

DRILLER'S SIGNATURE

Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	SPM	Table Torque	T	E	G
2	9	3	27	2	26580	870	698	19.96		
5	3/4	50	1/2							

STIFF FOAM
PSI 190
CEM 2100
MOTOR HOURS

REMARKS

BIG SER V 3000
FINISH IN
BREAKING
REIN UNDER LANCE W/ 11 15 11 15 12
WALB 11 15 12 3/4
TRIP OUT / BLIND ROPS 11 15 12 3/4
HANDS OFF IN W/ 11 15 12 3/4
REINER UNDER W/ 11 15 12 3/4
ADD W 11 15 12 3/4
FIRES

DRILLER'S SIGNATURE

Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	SPM	Table Torque	T	E	G
3	9	3	27	2	26580	870	698	19.96		
60	3 3/4									

STIFF FOAM
PSI 190
CEM 2100
MOTOR HOURS

REMARKS

FINISH IN
BREAKING
REIN TO BOTTOM
WALB 7 15 8 00 12
BLOW HOLE & SURVIVE 8 15 8 15 12
ADD W 8 15 8 15 12
DRILLING 9 15 11 30 12
BLOW HOLE & SURVIVE 8 15 12 00 12

FIRES

DRILLER'S SIGNATURE

CASING REPORT

Approved
Checked
Assisted
The Party

[Signature]

COMMONWEALTH DRILLING
DAILY DRILLING LOG
DIRECTOR'S TO
WELL

31

INEXO HUSKI ET AL POLY LINE 6

31

No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.F.M.	Table Torque	T	B	G	DRILL COLLARS		
																		3	4	
7	12 1/4	WHL	OPEN	912453	4	62	343	28 1/4											33.70	40
8	12 1/4	WHL	OPEN	R2674	4-6	45	11	1 1/4											2406.63	3

MUD	2 am	2 am	4 am	6 am	PUMP	2 am	2 am	4 am	PUMP	MOTOR HOURS										
WT GHT																				
VISCOSITY																				
GEL																				
W.L.	FC	PH	DESILTER	Moist	Co.															
ADDITIVES	1-2-7-50 GENERAL																			
Drilling Line Record	Size	Make	Serial No.	No.	Wt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.F.M.	Table Torque	T	B	G			
1 1/4								43												

No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.F.M.	Table Torque	T	B	G	DRILL COLLARS	
																		3	4
8	12 1/4	WHL	OPEN	R2674	4-6-3	45-21	111	9 1/4											3

MUD	8 am	10 am	2 noon	PUMP	8 am	10 am	2 noon	PUMP	MOTOR HOURS										
WT GHT																			
VISCOSITY																			
GEL																			
W.L.	FC	PH	DESILTER	Moist	Co.														
ADDITIVES	125 HIGHTRAC GENERAL																		
Drilling Line Record	Size	Make	Serial No.	No.	Wt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.F.M.	Table Torque	T	B	G		
1 1/4																			

No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.F.M.	Table Torque	T	B	G	DRILL COLLARS	
																		3	4
8	12 1/4	WHL	OPEN	R2674	4-15	60	219	12 1/4											3

MUD	4 pm	4 pm	6 pm	PUMP	4 pm	6 pm	PUMP	MOTOR HOURS											
WT GHT																			
VISCOSITY																			
GEL																			
W.L.	FC	PH	DESILTER	Moist	Co.														
ADDITIVES	1 BBL SUXFOTEX GENERAL																		
Drilling Line Record	Size	Make	Serial No.	No.	Wt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.F.M.	Table Torque	T	B	G		
1 1/4																			

B O P	Tested	Elasmo Line	Flow	Flow & Temp	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
Flow Pan																				
Blind Pan																				

TOTAL RING ON SITE 7-8
FUEL USED 24

CONSE-...
MOTOR HOURS
FIRE

39

DRILL COLLARS		No		Length		A		B		C		D	
Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.F.M.	Table Torque	T	B	G			
406.63	9	9	7	3	33.70	400	3						
343	28 1/4				2165	300	1440	8.30					
11	1 1/4												
PUMP						MOTOR HOURS							
AIR FOAM 6 190 P.P.S. 1700 C.F.M.													
SURVEYS At Feet Deg.													
1159 1400 FT.													

REMARKS	TIME	START	STOP	TIME
DRAG	2:15			2 1/4
BLOW HOSE	2:45			1/2
TRIP FOR BIT	2:45			3
BREAK CIRC. AGAIN TO BOTTOM	5:45			6:45
DRAG	6:45			8:00
				1 1/4

DRILL COLLARS		No		Length		A		B		C		D	
Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.F.M.	Table Torque	T	P	G			
111	8 1/4												
PUMP						MOTOR HOURS							
AIR FOAM 170 P.P.S. 1400 C.F.M.													
SURVEYS At Feet Deg.													
2872 2955 -28°													

REMARKS	TIME	START	STOP	TIME
DRAG	2:15			2 1/4
BLOW HOSE	2:45			1/2
TRIP FOR BIT	2:45			3
BREAK CIRC. AGAIN TO BOTTOM	5:45			6:45
DRAG	6:45			8:00
				1 1/4

DRILL COLLARS		No		Length		A		B		C		D	
Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.F.M.	Table Torque	T	B	G			
219	12 1/4												
PUMP						MOTOR HOURS							
AIR FOAM 190 P.P.S. 1700 C.F.M.													
SURVEYS At Feet Deg.													
318.6 3050 3080 7 1/2													

REMARKS	TIME	START	STOP	TIME
DRAG	2:15			2 1/4
BLOW HOSE	2:45			1/2
TRIP FOR BIT	2:45			3
BREAK CIRC. AGAIN TO BOTTOM	5:45			6:45
DRAG	6:45			8:00
				1 1/4

CASING REPORT		RAN		S		T		V		W	
Feet on Hand	Feet on Trip	Feet on Stand	Feet on Deck	Feet on Floor	Feet on Sill	Feet on Wall	Feet on Ceiling	Feet on Outside	Feet on Inside	Feet on End	Feet on Start
TOTAL											

REMARKS	TIME	START	STOP	TIME
DRAG	2:15			2 1/4
BLOW HOSE	2:45			1/2
TRIP FOR BIT	2:45			3
BREAK CIRC. AGAIN TO BOTTOM	5:45			6:45
DRAG	6:45			8:00
				1 1/4

FUEL USED		GALLONS		LBS		GAL		LBS	
Oil	Gas	Oil	Gas	Oil	Gas	Oil	Gas	Oil	Gas

APPROVED BY OPERATOR'S REPRESENTATIVE: *[Signature]*
 APPROVED BY TOOLPUSHER: *[Signature]*
 EARN FROM SPUD 39
 Note: Shut Off Checkold Working

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO WELL

31

JANCO HUSKY ETAL. RUDY PINE

31

TOUR	M	I	D	N	I	G	H	T	S	Footage		Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G		
										From	To																
										2374	94	2466	7 1/2	10	39018												
										6	12 1/4	MHL	OPEN	912461	8-6	55	94	7									

MUD	2 am	3 am	4 am	5 am	PUMP	PUMP	MOTOR HOURS
WEIGHT	CONTINUA						
VISCOSITY							
GEL	200 SLATE						
W.L.	DESILTER Hours On						
ADDITIVES	1 BAG CALCOM GENERAL 2423 4/2						

TOUR	M	I	D	N	I	G	H	T	S	Footage		Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
										From	To														
										2461	60	2521	4 1/4	9	2063148										
										6	12 1/2	MHL	OPEN	912467	3-6	55	154	11 1/2							
										7	12 1/2	MHL	OPEN	912458											

MUD	8 am	10 am	2 noon	PUMP	PUMP	MOTOR HOURS
WEIGHT						
VISCOSITY						
GEL						
W.L.	F.C. pH DESILTER Hours On					
ADDITIVES	GENERAL					

TOUR	M	I	D	N	I	G	H	T	S	Footage		Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
										From	To														
										2521	72	2600	4 3/4	92	2126	2									
										7	12 1/2	MHL	OPEN	912458	6	60	72	4 3/4							

MUD	4 am	9 am	3 pm	6 pm	PUMP	PUMP	MOTOR HOURS
WEIGHT							
VISCOSITY							
GEL							
W.L.	F.C. pH DESILTER Hours On						
ADDITIVES	GENERAL						

TOUR	M	I	D	N	I	G	H	T	S	Footage		Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
										From	To														

B.O.P.	Textured	Expanded	Fluted	Packing & Seal	Flange	Hub	End	Other	CASING REPORT
History									
Pipe Run	TOTAL								
Blind Run									
TOTCO RING ON	Be Operated #1 24								
FUEL USED									

CHECKED BY BOARD COPY

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

INEXCO HULKY ET AL PENNSYLVANIA

31

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No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	Stroke	Table Torque	T	B	G
5	12 1/4	DAINT	OPEN	912522	2-8	55	B	330									

MUD [] **PUMP** [] **PUMP** [] **MOTOR HOURS** []

WEIGHT [] VISCOSITY [] GEL []

W.C. [] F.C. [] H. [] DESILTER []

ADDITIVES
 100 BBL SULFOTEX GENERAL
 1.5 LB MAGATREAT
 1.5 LB CALBON

Drilling Line [] Size [] Max. [] Ship No. []

From [] Footage [] To []

2314

No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	Stroke	Table Torque	T	B	G

MUD [] **PUMP** [] **PUMP** [] **MOTOR HOURS** []

WEIGHT [] VISCOSITY [] GEL []

W.C. [] F.C. [] H. [] DESILTER []

ADDITIVES
 15 GAL SULFOTEX GENERAL
 20 LB MAGATREAT
 20 LB CALBON

Drilling Line [] Size [] Max. [] Ship No. []

From [] Footage [] To []

DRILL COLLARS: 3

Clear Carbon 450

No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	Stroke	Table Torque	T	B	G
6	12 1/4	MUD	OPEN	912467	#	55											

MUD [] **PUMP** [] **PUMP** [] **MOTOR HOURS** []

WEIGHT [] VISCOSITY [] GEL []

W.C. [] F.C. [] H. [] DESILTER []

ADDITIVES
 10 GAL SULFOTEX GENERAL
 5 LB MAGATREAT
 5 LB CALBON

Drilling Line [] Size [] Max. [] Ship No. []

From [] Footage [] To []

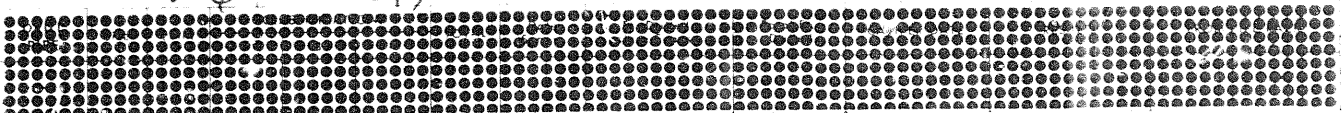
DRILL COLLARS: 3

B O P [] **CASING REPORT** []

Blind Ram []

TO CORING ON BY 5-6 #1 24

FUEL USED []



CONDUCTOR IN CHARGE

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
334				3370	400					
AIR & SOAP										
PUMP					MOTOR HOURS					

REMARKS

TRY TO WORK NEW INST. BIT
 TAKE OUT THE COLLAR IN
 END IN 11 FLOTH BIT
 BREAKING NEW COLLAR SECTION
~~REMARKS~~
~~REMARKS~~ 1100 IN NEW COLLAR SECTION

12 12 1/4
 11 11 1/4
 10 10 1/4
 9 9 1/4
 8 8 1/4

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
334				3370	400					
AIR & SOAP										
PUMP					MOTOR HOURS					

REMARKS

11 11 1/4
 10 10 1/4
 9 9 1/4
 8 8 1/4
 7 7 1/4
 6 6 1/4
 5 5 1/4
 4 4 1/4
 3 3 1/4
 2 2 1/4
 1 1 1/4

Clear Collar
 450

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
334				3370	400					
AIR & SOAP										
PUMP					MOTOR HOURS					

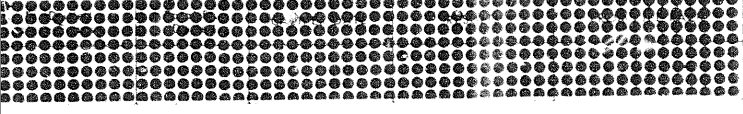
REMARKS

11 11 1/4
 10 10 1/4
 9 9 1/4
 8 8 1/4
 7 7 1/4
 6 6 1/4
 5 5 1/4
 4 4 1/4
 3 3 1/4
 2 2 1/4
 1 1 1/4

CASING REPORT	
TOTAL	
FUEL USED	

REMARKS

DATE FROM FILE 36



Approved by
 Operator
 Rep. executive
 Approved by
 Tool pusher
 J. E. Joviste

DRILL COLLARS											
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	
PUMP				MOTOR HOURS							
FUEL 59"											
Total Miles											

REMARKS

FINISH IN 12 12:30 1/2

BREAK CIAL 11H 1:45 1 1/4

HOIST AND RECOVERY 1 3 1 1/4

1.50 IN W/ 17" CITY COLLARS 3 3:30 1/2

SKIP HOLE WIDE 3:30 4 1/2

FINISH IN 4 4:30 1/2

BREAK CIAL CLEAN TO TOP 4:30 5:30 1

HOIST 5:30 6:30 1

RUN IN W/ ~~17" CITY~~ BASKET 6:30 7:00

FIRES 7:00 7:30 1 1/4

DRILLER'S SIGNATURE

DRILL COLLARS											
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	
PUMP				MOTOR HOURS							
FUEL 59"											
Total Miles											

REMARKS

WORK START IN 2 1:30 1/2

HOIST AND RECOVERY 2 3 1 1/4

2.50 IN W/ 17" CITY COLLARS 3 3:30 1/2

SKIP HOLE WIDE 3:30 4 1/2

FINISH IN 4 4:30 1/2

BREAK CIAL CLEAN TO TOP 4:30 5:30 1

HOIST 5:30 6:30 1

RUN IN W/ ~~17" CITY~~ BASKET 6:30 7:00

FIRES 7:00 7:30 1 1/4

DRILLER'S SIGNATURE

DRILL COLLARS											
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	
PUMP				MOTOR HOURS							
FUEL 59"											
Total Miles											

REMARKS

FINISH IN 12 12:30 1/2

BREAK CIAL CLEAN TO TOP 12:30 1:30 1

HOIST 1:30 2:30 1

RUN IN W/ ~~17" CITY~~ BASKET 2:30 3:00

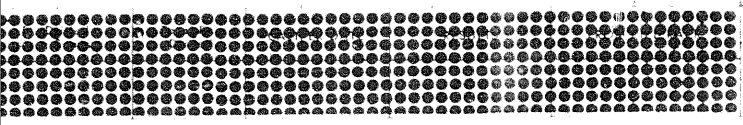
FIRES 3:00 3:30 1 1/4

DRILLER'S SIGNATURE

CASING REPORT									
TOTAL									
FUEL USED									

REMARKS

DRILLER'S SIGNATURE



APPROVED BY: [Signature]

COOPERATION REPRESENTATIVE: [Signature]

APPROVED BY: [Signature]

TAC: [Signature]

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
0	3	9	3	8265						
87324	9	7	2	2826534	833	9039				
AIR AND SOAP										
PUMP					MOTOR HOURS					
No. 1					1					
No. 2					2					
No. 3					3					
No. 4					4					
No. 5					5					

REMARKS		TIME	
		Start	End
MILL ON BIT		12:00	2:05
Blow HOLE DOWN UP		2:00	
PULL OUT MILL		6:00	4
RUN IN W. BASKET		6:00	7:15
		7:15	8:00

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
0	9	7	3	5368						
7324	9	7	2	2826534	833	9039				
AIR AND SOAP										
PUMP					MOTOR HOURS					
No. 1					1					
No. 2					2					
No. 3					3					
No. 4					4					
No. 5					5					

REMARKS		TIME	
		Start	End
FINISH IN W. BASKET		8:50	8:45
BREAK LRC WORK BASKET		8:45	10:15
HOIST		10:15	11:15
RUN IN W. BASKET		11:15	12:15
BREAK LRC WORK BASKET		12:15	1:45
HOIST		1:45	2:45
WORK IN BASKET WELL		2:45	4:00

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
0	9	7	3	5368						
7324	9	7	2	2826534	833	9039				
AIR AND SOAP										
PUMP					MOTOR HOURS					
No. 1					1					
No. 2					2					
No. 3					3					
No. 4					4					
No. 5					5					

REMARKS		TIME	
		Start	End
FINISH IN W. BASKET		4:10	5:15
BREAK LRC WORK BASKET		5:15	6:15
HOIST		6:15	7:15
		7:15	

CASING REPORT	
NO.	DATE
TOTAL	
FUEL USED	

REMARKS		TIME	
		Start	End
FINISH IN W. BASKET		4:10	5:15
BREAK LRC WORK BASKET		5:15	6:15
HOIST		6:15	7:15
		7:15	

Approved by: _____
 Operator: _____
 Approved by: _____
 Tool driver: *James Hough*

33

COMMONWEALTH DRILLING
DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

INEXCO HUSKIE PARTICIPATE ET AL G

TOUR MIDNIGHT TO 8 AM TOUR	From Footage To	2253	20	DRILL COLLARS	3 9	8368	833 HU	
	No. Size Type Jets W.C. Serial No. Wgt. R.P.M. Drilled or Cored Hrs. Reamed Hrs.	1 1 1/2 MILLS	5-10	152	2 26584	800	9009	
	MUD	2:00	2:00	4:00	0:00	PUMP	PUMP	MOTOR HOURS
	WEIGHT	No. 1						
	VISCOSITY	No. 1						
	GEL	No. 1						
	W.L.	F.C.	DM	DESILTER	Hours	Dr.	Flow	
	ADDITIVES	GENERAL <i>Running water</i>						
	Drilling Line Record	Size	Make	Serial No.	No. Lines	Top	Tap Miles	Standards
	1 1/2	DO		8	65	415	20	415
TOUR 8 AM TO 4 PM TOUR	From Footage To			DRILL COLLARS	3 9	8368	833 HU	
	No. Size Type Jets W.C. Serial No. Wgt. R.P.M. Drilled or Cored Hrs. Reamed Hrs.							
	MUD	8 a.m.	12 a.m.	12 noon		PUMP	PUMP	MOTOR HOURS
	WEIGHT	No. 1						
	VISCOSITY	No. 1						
	GEL	No. 1						
	W.L.	F.C.	DM	DESILTER	Hours	Dr.	Flow	
	ADDITIVES	GENERAL <i>Running water</i>						
	Drilling Line Record	Size	Make	Serial No.	No. Lines	Top	Tap Miles	Standards
	1 1/2	DO		8	37	452	20	452
TOUR 4 PM TO MIDNIGHT	From Footage To			DRILL COLLARS	3 9	8368	833 HU	
	No. Size Type Jets W.C. Serial No. Wgt. R.P.M. Drilled or Cored Hrs. Reamed Hrs.							
	MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.	PUMP	PUMP	MOTOR HOURS
	WEIGHT	No. 1						
	VISCOSITY	No. 1						
	GEL	No. 1						
	W.L.	F.C.	DM	DESILTER	Hours	Dr.	Flow	
	ADDITIVES	GENERAL <i>1 tray of PL... 1 tray of... 1 tray of...</i>						
	Drilling Line Record	Size	Make	Serial No.	No. Lines	Top	Tap Miles	Standards
	1 1/2	DO		8	24	486		

WELL ON 12
PULL OUT
BIG SER V
KELLY COO
RUN IN W
BREW CIRC
WELL ON BIT

FIRES

MILLER B
HIST
DOWN IN
FINISH
BREAHA
TRIP
CHECK

FIRES

CHANGED
RUN IN
GALIA
HIST
LAY DOWN
4 1/2
RUN IN W
WELL ON

FIRES

B O P	Tested	Elapsed Time	Pressure	Flow	Remarks	CASING REPORT
Mud						
Flow Ram						
Blind Ram						

TOTAL RING ON BIT	24	FUEL USED	
-------------------	----	-----------	--

DRILL COLLARS		Reamed		Pump No.	Pump Pressure	SPM	Table Torque	T	B	G
3	9	3	9	2826584	8368		833			
AIR AND SOFT										
PUMP										
MOTOR HOURS										
415 20 415 800										

REMARKS

MILL ON BIT W/ GLOBE BASKET 12" 4:00 H

PULL OUT 4:00 5:00 1

RIG SER V CHECK BLIND RAMPS 5:00 5

KEYL COCK 5:15 1/4

RUN IN W/ BASKET 5:15 6:15 1

BREW CIRC 6:15 6:45 1/2

MILL ON BIT 6:45 8:00 1/4

FIRES

DRILLER'S SIGNATURE: *A. Heig*

DRILL COLLARS		Reamed		Pump No.	Pump Pressure	SPM	Table Torque	T	B	G
3	9	3	9	2826584	8368		833			
MILLER BIT										
HOIST										
RUN IN 22' LINKS										
W/IR DASH LINE										
FINISH IN										
BREAK CIRC MILL ON BIT 12" 2:30 2/4										
TRIP OUT BREAK DOWN 2:30 4:00 1/2										
CHECK?										
PUMP										
MOTOR HOURS										
452 20 500										

REMARKS

MILLER BIT

HOIST

RUN IN 22' LINKS

W/IR DASH LINE

FINISH IN

BREAK CIRC MILL ON BIT 12" 2:30 2/4

TRIP OUT BREAK DOWN 2:30 4:00 1/2

CHECK?

FIRES

DRILLER'S SIGNATURE: *A. Heig*

DRILL COLLARS		Reamed		Pump No.	Pump Pressure	SPM	Table Torque	T	B	G
3	9	3	9	2826584	8368		833			
ON TRAIL										
PUMP										
MOTOR HOURS										
456										

REMARKS

CHANGED HOIST IN MAGNET 4:15

RUN IN 22' LINKS 5:30 1/2

BREAK CIRC DOWN MAGNET 5:30 6:15 3/4

HOIST 6:15 7:15 1

LAY DOWN MAGNET - CHECK 7:15

UP - MAKE UP NAT ESTIM. 7:15

WILL 7:15 8:15 3/4

RUN IN W/ MILL 8:15 9:15 1

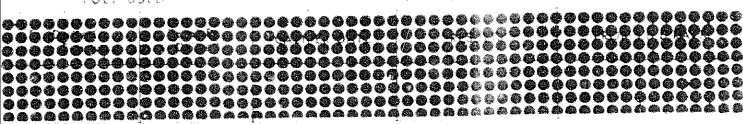
MILL ON BIT

FIRES

DRILLER'S SIGNATURE: *A. Heig*

CASING REPORT	
TOTAL	32
FUEL USED	

DRILLER'S SIGNATURE: *A. Heig*



Approved by: *A. Heig*

INERCO HUSKY PORCUPINE BT AL G 31

JAN 31

22

31

DRILL COLLARS		No	Q.D.	I.D.	Length	Sub. Wt.	Sp. Wt.	Table Torque	T	B	G
3	9	3	8368	823	H.W.						
9	7	7	26654	833	9039						

224
Drilled or Cored

205
Total Mins

PUMP

MOTOR HOURS

1
2
3
4
5

Flow

Water

REMARKS

WORK TIGHT HOLE FINISH
CLEANING TO BOTTOM
MILL ON BIT
PULL OUT

1200
300 3
300 845 3/4
600 800 1/4

DRILLER'S SIGNATURE: Thomas Heigh

DRILL COLLARS		No	Q.D.	I.D.	Length	Sub. Wt.	Sp. Wt.	Table Torque	T	B	G
3	9	3	8368	823	H.W.						
9	7	7	26654	833	9039						

24
Drilled or Cored

200
Total Mins

PUMP

MOTOR HOURS

1
2
3
4
5

Flow

Water

REMARKS

RUN IN SHIMMING TOOL
BREAK LIRC.
MILL ON BIT
BLOW HOLE
HOIST
RUN IN W/ MAGNET
BREAK LIRC. WORK MAGNET
HOIST

8:00 9:45 1/4
9:45 10 7/8
10:30 11:00 1/2
11:45 12:30 3/4
12:00 1:00 1
1:30 2:30 1
2:30 3:15 7/8
3:30 4:00 3/4

DRILLER'S SIGNATURE: Thomas Heigh

DRILL COLLARS		No	Q.D.	I.D.	Length	Sub. Wt.	Sp. Wt.	Table Torque	T	B	G
3	9	3	8368	823	H.W.						
9	7	7	26654	833	9039						

250
Total Mins

PUMP

MOTOR HOURS

1
2
3
4
5

Flow

Water

REMARKS

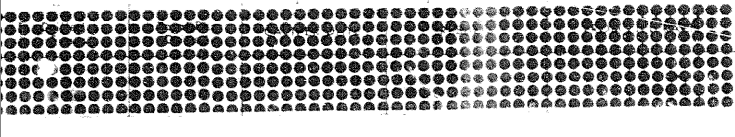
HOIST
RUN IN W/ MAGNET
BREAK LIRC. WORK MAGNET
HOIST
MILL ON BIT

4:00 4:30 1/2
4:30 5:00 1/2
5:00 5:30 1/2
5:30 6:00 1/2
6:00 6:30 1/2
6:30 7:00 1/2
7:00 7:30 1/2
7:30 8:00 1/2

DRILLER'S SIGNATURE: Thomas Heigh

CASING REPORT

TOTAL	
FUEL USED	



App. by: [Signature]

Checked by: [Signature]

Approved by: [Signature]

Tool No.:

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

INEXCO Husky Petroleum

BT AK G

TOUR	MIDNIGHT TO 8 AM	MUD	Footage		Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	
			From	To															
TOUR	MIDNIGHT TO 8 AM	2853	2 am	4 am															
TOUR	8 AM TO 4 PM		8 am	12 noon															
TOUR	4 PM TO MIDNIGHT		4 pm	8 pm															

UNIT ON

FIRES

UNIT ON

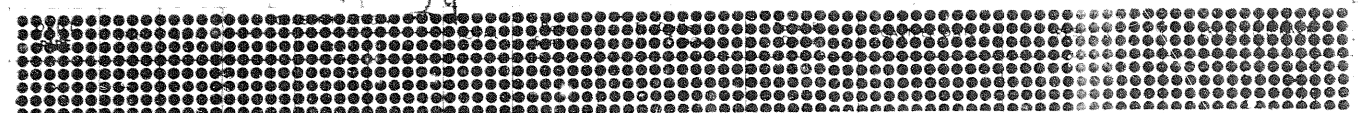
FIRES

UNIT ON
MINE UP
HALL
ELECTRIC
CLEAN UP
LIGHT

FIRES

CASING REPORT

B.O.P.	Tester	Expanded	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
										TOTAL									



UNIT ON

INFCO Husky Porcupine RT. AL G 31

JAN 30

20
30

DRILL COLLARS										
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
		9	7	2	826554	1072	9039			
				PUMP		MOTOR HOURS				
				No. 1		1				
				No. 2		2				
				No. 3		3				
				No. 4		4				
				No. 5		5				
				No. 6		6				
				No. 7		7				
				No. 8		8				
				No. 9		9				
				No. 10		10				
				No. 11		11				
				No. 12		12				
				No. 13		13				
				No. 14		14				
				No. 15		15				
				No. 16		16				
				No. 17		17				
				No. 18		18				
				No. 19		19				
				No. 20		20				
				No. 21		21				
				No. 22		22				
				No. 23		23				
				No. 24		24				
				No. 25		25				
				No. 26		26				
				No. 27		27				
				No. 28		28				
				No. 29		29				
				No. 30		30				
				No. 31		31				
				No. 32		32				
				No. 33		33				
				No. 34		34				
				No. 35		35				
				No. 36		36				
				No. 37		37				
				No. 38		38				
				No. 39		39				
				No. 40		40				
				No. 41		41				
				No. 42		42				
				No. 43		43				
				No. 44		44				
				No. 45		45				
				No. 46		46				
				No. 47		47				
				No. 48		48				
				No. 49		49				
				No. 50		50				
				No. 51		51				
				No. 52		52				
				No. 53		53				
				No. 54		54				
				No. 55		55				
				No. 56		56				
				No. 57		57				
				No. 58		58				
				No. 59		59				
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				No. 61		61				
				No. 62		62				
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				No. 64		64				
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				No. 89		89				
				No. 90		90				
				No. 91		91				
				No. 92		92				
				No. 93		93				
				No. 94		94				
				No. 95		95				
				No. 96		96				
				No. 97		97				
				No. 98		98				
				No. 99		99				
				No. 100		100				

REMARKS
 WHIT ON MILLING TOOL 1200 800 8
 TIME
 START 1200
 STOP 800
 DATE 1/30

DRILL COLLARS										
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
				PUMP		MOTOR HOURS				
				No. 1		1				
				No. 2		2				
				No. 3		3				
				No. 4		4				
				No. 5		5				
				No. 6		6				
				No. 7		7				
				No. 8		8				
				No. 9		9				
				No. 10		10				
				No. 11		11				
				No. 12		12				
				No. 13		13				
				No. 14		14				
				No. 15		15				
				No. 16		16				
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				No. 43		43				
				No. 44		44				
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				No. 56		56				
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				No. 58		58				
				No. 59		59				
				No. 60		60				
				No. 61		61				
				No. 62		62				
				No. 63		63				
				No. 64		64				
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				No. 66		66				
				No. 67		67				
				No. 68		68				
				No. 69		69				
				No. 70		70				
				No. 71		71				
				No. 72		72				
				No. 73		73				
				No. 74		74				
				No. 75		75				
				No. 76		76				
				No. 77		77				
				No. 78		78				
				No. 79		79				
				No. 80		80				
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				No. 89		89				
				No. 90		90				
				No. 91		91				
				No. 92		92				
				No. 93		93				
				No. 94		94				
				No. 95		95				
				No. 96		96				
				No. 97		97				
				No. 98		98				
				No. 99		99				
				No. 100		100				

REMARKS
 WHIT ON MILLING TOOL 800 800 8
 DRILLER'S SIGNATURE: Steve Heigh

DRILL COLLARS										
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
		3	9	3	8368	533	9039			
		7	7	2	826554	1072	9039			
				PUMP		MOTOR HOURS				
				No. 1		1				
				No. 2		2				
				No. 3		3				
				No. 4		4				
				No. 5		5				
				No. 6		6				
				No. 7		7				
				No. 8		8				
				No. 9		9				
				No. 10		10				
				No. 11		11				
				No. 12		12				
				No. 13		13				
				No. 14		14				
				No. 15		15				
				No. 16		16				
				No. 17		17				
				No. 18		18				
				No. 19		19				
				No. 20		20				
				No. 21		21				
				No. 22		22				
				No. 23		23				
				No. 24		24				
				No. 25		25				
				No. 26		26				
				No. 27		27				
				No. 28		28				
				No. 29		29				
				No. 30		30				
				No. 31		31				
				No. 32		32				
				No. 33		33				
				No. 34		34				

COMMONWEALTH DRILLING
DAILY DRILLING LOG
DIRECTIONS TO
WELL

31 INEXCO M.L.K. Percupina ET AL G

TOUR	MIDNIGHT TO 8 AM	DRILL COLLARS															
		No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T
TOUR	MIDNIGHT TO 8 AM	2353															
		DRILL COLLARS 7 7 2 26854 1022 90%															
		MUD															
		PUMP															
		PUMP															
		MOTOR HOURS															
		WEIGHT															
		VISCOSITY															
		GEL															
		W.L. F.C. pH DESILTER Hours Op U Flow															
ADDITIVES GENERAL																	
Drilling Line Record																	
From Footage To																	
DRILL COLLARS																	
TOUR	8 AM TO 4 PM	1373-4															
		DRILL COLLARS 1 7 2 26854 1022 100%															
		MUD															
		PUMP															
		PUMP															
		MOTOR HOURS															
		WEIGHT															
		VISCOSITY															
		GEL															
		W.L. F.C. pH DESILTER Hours Op U Flow															
ADDITIVES GENERAL																	
Drilling Line Record																	
From Footage To																	
DRILL COLLARS																	
TOUR	4 PM TO MIDNIGHT	35 100%															
		MUD															
		PUMP															
		PUMP															
		MOTOR HOURS															
		WEIGHT															
		VISCOSITY															
		GEL															
		W.L. F.C. pH DESILTER Hours Op U Flow															
		ADDITIVES GENERAL															
Drilling Line Record																	
From Footage To																	

A.O.C.
RUN IN
PRESSURE
WELL IS
PUMP OUT
WELL IS

FIRES NIL

D.O.C.
CLEAN

FIRES

CLEAN

BLOW

FIRES

B.O.P.	Tested	Elapsed Time	Pressure	Flow Rate	Temperature	Notes
Flow Rate						
Blow Rate						
TOTAL						

TOUR RING ON 312

by Operator #1 24

FULL USED

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP										
MOTOR HOURS										

REMARKS
 A. O. C.
 RUN IN
 BREWERY CINC FELT PLUG @ 108214'
 LINE 15' DEWENT 217'
 PUMP OUT 12 STAGES
 UNIT @ 11111'
 1200 1200
 1245 145 1
 200 1
 300 16
 300 80 5
 DRILLER'S SIGNATURE: *H. Heish*

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP										
MOTOR HOURS										

REMARKS
 W.O.C. RUN IN BRF. KINC 8'
 CLEAN OUT CEMENT
 730 24
 1022 1022 3
 2107 - 2107
 300
 100
 DRILLER'S SIGNATURE: *H. Heish*

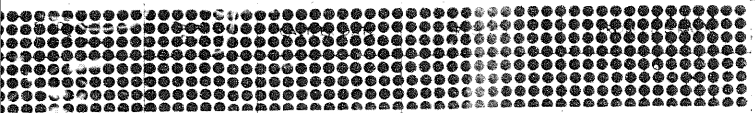
DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP										
MOTOR HOURS										

REMARKS
 CLEAN 7.2 3007
 BLOW HOLE
 UNIT
 100 445 3/4
 445 445 1
 1200 51
 DRILLER'S SIGNATURE: *H. Heish*

CASING REPORT

TOTAL	
FUEL USED	

DRILLER'S SIGNATURE: *H. Heish*



Approved by: *H. Heish*
 Operator
 End certificate
 Approved by: *H. Heish*
 Tool puller

COMMONWEALTH DRILLING
DAILY DRILLING LOG
DIRECTIONS TO
WELL

3P INEXCO HUSKY TORQUE ET HL G

TOUR	From Footage		To		Mud Bottom		Wt. Dr. Pipe		Stand		Singles		DRILL COLLARS		No.		Length		A		Sub. Wt.		No.		
	No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G							
8 AM TO 12 PM	2353			OPEN RETURN										9 7 26504	102	2-2									
	MUD		PUMP		PUMP		MOTOR HOURS																		
WEIGHT		VISCOSITY		GEL		W.L.		ADDITIVES		GENERAL															
DRILLING LINE REPORT		SIZE		MAKE		SERIAL NO.		NO. LINES		TRIPS		TOP MILES		FITS M.											
8 AM TO 12 PM		11/4"						2		4		3/4		75											
WEIGHT		VISCOSITY		GEL		W.L.		ADDITIVES		GENERAL															
DRILLING LINE REPORT		SIZE		MAKE		SERIAL NO.		NO. LINES		TRIPS		TOP MILES		FITS M.											
8 AM TO 12 PM		11/4"						2		4		3/4		75											
WEIGHT		VISCOSITY		GEL		W.L.		ADDITIVES		GENERAL															
DRILLING LINE REPORT		SIZE		MAKE		SERIAL NO.		NO. LINES		TRIPS		TOP MILES		FITS M.											
8 AM TO 12 PM		11/4"						2		4		3/4		75											
WEIGHT		VISCOSITY		GEL		W.L.		ADDITIVES		GENERAL															
DRILLING LINE REPORT		SIZE		MAKE		SERIAL NO.		NO. LINES		TRIPS		TOP MILES		FITS M.											
8 AM TO 12 PM		11/4"						2		4		3/4		75											
WEIGHT		VISCOSITY		GEL		W.L.		ADDITIVES		GENERAL															
DRILLING LINE REPORT		SIZE		MAKE		SERIAL NO.		NO. LINES		TRIPS		TOP MILES		FITS M.											
8 AM TO 12 PM		11/4"						2		4		3/4		75											
WEIGHT		VISCOSITY		GEL		W.L.		ADDITIVES		GENERAL															

WAIT ON
RUN IN
BREAK CIRC
PLUG 3'
PULL OUT
WAIT ON S

FIRES NIL

ADD 11
2200 11
1200 11

ADD 11
2200 11

FIRES

ADD 11
1200 11
1100 11

FIRES

B.O.P.	Tested	Elapsed Time	Prep. Time	Packing & Seal	Inspection	Other	Notes	CASING REPORT	
TOTAL									

TOTG RING ON BIT: Soiled Oiled Full Used

CONSERVATION BOARD COPY

INEXCO Husky Porcupine ET AL G-31

JAN 28 1952

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
	9	7								
AIR AND SOAP										
PUMP				MOTOR HOURS						

REMARKS

WAIT ON CEMENT
 RUN IN
 BREAK CIRC TRY TO FIND
 PLUG 3' CEMENT BIT BOTTOM
 PULL OUT
 WAIT ON SAND

1200	300	3
300	400	1
400		
6'15"		2
6'15"	7'5"	1
7'15"	8'00"	4

FIRES NIL

DRILLER'S SIGNATURE: *J. High*

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP				MOTOR HOURS						

REMARKS

200 IN 2000 FT
 01200 HOLE
 400 FT HOLE

3'15"	7'15"	1/2
4'00"	5'15"	1/4
2'15"	3'15"	1/4
1'15"	1'15"	1

FIRES

DRILLER'S SIGNATURE: *J. High*

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP				MOTOR HOURS						

REMARKS

2000 FT
 HOLE
 H.C.C.

1'15"	11'15"	1/2
4'15"	5'15"	3/4
5'15"	12'00"	6 1/2

FIRES

DRILLER'S SIGNATURE: *J. High*

CASING REPORT	
Feet of material	
Feet of casing	
TOTAL	
Feet of material	
Feet of casing	
FULL USED	

DATE FROM TO 28

Approved by Operator's Representative

Approved by Toolpusher *J. High*

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

INEXCO MUSKY PORCUPINE ET HL G

TOUR MIDNIGHT TO 8 AM

2353

From	Footage	To	Hrs on Bottom	Wt. Drill Pipe	Stands	Singles	DRILL COLLARS	No.	Dr. Length	Sub. Wt.	Dr. Wt.	Dr. Length	Sub. Wt.	Dr. Length	Sub. Wt.
							3	9							
No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T. B. G.
	12"	OPEN		RERUN											

MOTOR HOURS

WEIGHT

VISCOSITY

GEL

W.L. F.C. pH DESILTER Hours Op

ADDITIVES: GENERAL:

Drilling Line Record: Size 1 1/2, Make DGA, Serial No. 8, Taps 1, Ton Miles 25, Total Miles 25

Blow Hole
PULL UP 1
1/2' FILL
Blow Hole
PULL UP 12
PULL UP 120

FIRES

TOUR 8 AM TO 4 PM

From	Footage	To	Hrs on Bottom	Wt. Drill Pipe	Stands	Singles	DRILL COLLARS	No.	Dr. Length	Sub. Wt.	Dr. Wt.	Dr. Length	Sub. Wt.	Dr. Length	Sub. Wt.
No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T. B. G.

MOTOR HOURS

WEIGHT

VISCOSITY

GEL

W.L. F.C. pH DESILTER Hours Op

ADDITIVES: GENERAL:

Drilling Line Record: Size 1 1/2, Make DGA, Serial No. 8, Taps 2, Ton Miles 37, Total Miles 37

WHITEN
TUBING
PULL UP 260
PULL UP 400

FIRES

TOUR 4 PM TO MIDNIGHT

From	Footage	To	Hrs on Bottom	Wt. Drill Pipe	Stands	Singles	DRILL COLLARS	No.	Dr. Length	Sub. Wt.	Dr. Wt.	Dr. Length	Sub. Wt.	Dr. Length	Sub. Wt.
No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T. B. G.

MOTOR HOURS

WEIGHT

VISCOSITY

GEL

W.L. F.C. pH DESILTER Hours Op

ADDITIVES: GENERAL:

Drilling Line Record: Size 1 1/2, Make DGA, Serial No. 8, Taps 2, Ton Miles 37, Total Miles 37

1101ST
20 20

FIRES

CASING REPORT

B.O.P. Tested	Elapsed Time	Pres. Unit	Packing & Seal	Casing	Fuel in Hand	Fuel Used
Hydro						
Pipe Rams					TOTAL	
Blind Rams						

TOICO RING ON BIT #

Boiler Operated

FUEL USED

FAN

AV

CA'S TRO

31

INEXCO MUSKY PORCUPINE ET AL G 31

JAN 27

22

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	B	G
	3	9	3	6268						
	9	7	2	2654			1074	9039	11	

PUMP No. 2
MOTOR HOURS
 FUEL 3'9"

REMARKS		TIME	
Start	Stop	Start	Stop
Blow Hole		12:00	12:30 1/2
Pull up 180' w/ Red 1 1/2"		12:30	1:00
1/2" FILL			1:00 1/2
Blow Hole		1:00	2:00 1
Pull up 120' wait on sand		2:00	6:00 1/2
Run in on red fill blue hole		6:50	7:00 1
Pull up 120' wait on sand		7:00	8:00 1

DRILLER'S SIGNATURE: *John Heigh*

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	B	G

PUMP No. 2
MOTOR HOURS

REMARKS		TIME	
Start	Stop	Start	Stop
Wait on sand		8:00	11:30 3/4
TRIP OUT		11:00	11:45 1/2
Run in open end		1:00	2:00 1/2
Run in 3" red plug		2:30	4:00 1/2

DRILLER'S SIGNATURE: *John Heigh*

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	B	G

PUMP No. 2
MOTOR HOURS

REMARKS		TIME	
Start	Stop	Start	Stop
11:00		4:00	5:00 1
2:00		5:00	12:00 7

DRILLER'S SIGNATURE: *John Heigh*

CASING REPORT	
Feet on Hand	Feet on Order

FUEL USED

CASING REPORT	
Feet on Hand	Feet on Order

FUEL USED



Approved By: *John Heigh*
 Operator's Representative
 Approved By: *John Heigh*
 Toolpusher

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO WELL

31

INDEPENDENT ETC. RECORD # 31

1957

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (lb/ft)	Stands	Singles	DRILL COLLARS	No.	Length	Sub	Wt.	Br. (lb)

No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G

MUD: 12 in 2 am 4 am 6 am PUMP: 12 in 2 am 4 am 6 am MOTOR HOURS

WEIGHT: No. VISCOSITY: Model GEL: DESILTER: Hours Op. FLOW: DESILTER: Hours Op. FLOW: ADDITIVES: GENERAL

Drilling Line Record: Size Make Serial No. No. Lines Taps Ton Miles Total Miles

W.O. S
RUN IN W.
CLEAN BREN
OUT - CENE

1957

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (lb/ft)	Stands	Singles	DRILL COLLARS	No.	Length	Sub	Wt.	Br. (lb)

No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
	12 1/4	OPEN															

MUD: 8 am 10 am 12 noon 2 pm PUMP: 8 am 10 am 12 noon 2 pm MOTOR HOURS

WEIGHT: No. VISCOSITY: Model GEL: DESILTER: Hours Op. FLOW: DESILTER: Hours Op. FLOW: ADDITIVES: GENERAL

Drilling Line Record: Size Make Serial No. No. Lines Taps Ton Miles Total Miles

W.O. S
RUN IN W.
CLEAN BREN
OUT - CENE

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (lb/ft)	Stands	Singles	DRILL COLLARS	No.	Length	Sub	Wt.	Br. (lb)

No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
	12 1/4	OPEN															

MUD: 4 pm 6 pm 8 pm 10 pm PUMP: 4 pm 6 pm 8 pm 10 pm MOTOR HOURS

WEIGHT: No. VISCOSITY: Model GEL: DESILTER: Hours Op. FLOW: DESILTER: Hours Op. FLOW: ADDITIVES: GENERAL

Drilling Line Record: Size Make Serial No. No. Lines Taps Ton Miles Total Miles

CLEAN OUT
LARG IN
RUN IN W.
CLEAN BREN
OUT - CENE

B.O.P.	Tested	Elapsed Time	Pressure	Packing & Seal	Fuel	Hand	CASING REPORT

TOTAL RING ON BIT	Boiler Operation	FUEL USED

DRILL COLLARS											
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	
PUMP				MOTOR HOURS							
				From 4:00							

REMARKS
 W.D. SAND FORE
 PLUG # 3
 DRILLER'S SIGNATURE

DRILL COLLARS											
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	
3	9	7	3	8268	265.54						
PUMP				MOTOR HOURS							
				1074 9039							

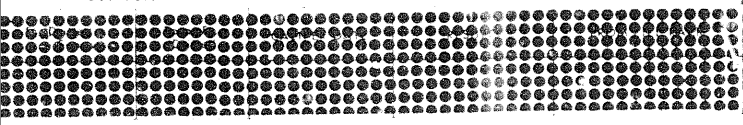
REMARKS
 W.D. SAND
 RUN IN W.D. BIT
 CLEAN BROWN CIRC CLEAN
 OUT CEMENT FROM 1957
 DRILLER'S SIGNATURE

DRILL COLLARS											
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	
3	9	7	3	8268	265.54						
PUMP				MOTOR HOURS							
				1074 9039							

REMARKS
 CLEAN CUT HERE TO
 RUN BY ONE TO WITH
 NEW SAND 3' FILL
 DRILLER'S SIGNATURE

CASING REPORT	
TOTAL	
FUEL USED	

DRILLER'S SIGNATURE



APPROVED BY
 TOOLSMASTER
 M 446

DRILL COLLARS						
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.
2		7		2	755	94.40

PUMP		MOTOR HOURS	

REMARKS

Run in.
~~3 YEAR~~ 3 YEAR CEMENT
 3 - 3.5
 9.5 to 19.40
 CEMENT CEMENT SET
 HOLES
 PULL OUT WITH THE...
 14.00 TO 19.40

DRILL COLLARS						
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.
16	1 1/2			2	826.54	90.39

PUMP		MOTOR HOURS	

REMARKS

Run in hole slow
 ORIENT SURVEY C 1931
 BREAK FIRE SHEAR PIN ON
 WHIPSTOCK
 DRILL OF WHIPSTOCK FREE
 DRILL 8 5/8 RAT HOLE
 PULL OUT CEMENT DOWN
 WHIPSTOCK
 PICK UP HOLE OPENER RUN IN
 300 14.50

DRILL COLLARS						
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.
16	2 1/4			AIR		

PUMP		MOTOR HOURS	

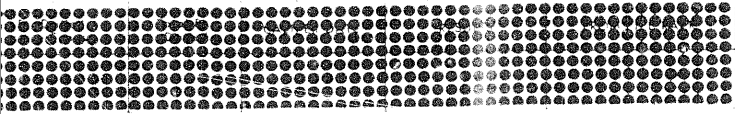
REMARKS

FINISH IN
 BENCH CIRC.
 DRILL REAM OUT RAT HOLE
 SURVEY C 1931
 PULL OUT FOREMAN OUT...
 7.45 45
 7.45 45
 9.45 10.30
 3.00 1.00
 FIRE SURVEY C 1931

CASING REPORT	
TOTAL	

DRILLER'S SIGNATURE

25



Approved by
 Reported by
 Applied by
 Inspector

INESCO Husky ET 2-31

FAN 24

72
4

DRILL COLLARS							PUMP			MOTOR HOURS			
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	Next Oil Change		
3	9	3	7	26554	1263								

REMARKS
 Run in to feel hard top of class B rock
 with cement

DRILLER'S SIGNATURE: *[Signature]*

DRILL COLLARS							PUMP			MOTOR HOURS			
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	Next Oil Change		
9	7	2	8	26554	1263								

REMARKS
 W.O.C.
 Pick up model run in
 Break circ. ~~part~~ of clean hole 1100
 Drill cement from 1885
 to 1930 445 ft
 W.O.C.

DRILLER'S SIGNATURE: *[Signature]*

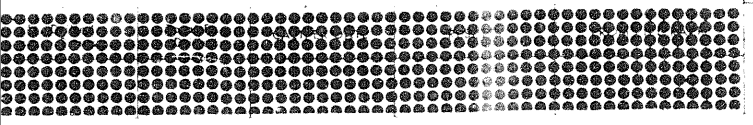
DRILL COLLARS							PUMP			MOTOR HOURS			
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	Next Oil Change		

REMARKS
 W.O.C.
 Pull out and directional
 survey
 W.O.C.

DRILLER'S SIGNATURE: *[Signature]*

FUEL USED		TOTAL	

REMARKS
 DAYS FROM SPL: 24



APPROVED: *[Signature]*
 SUPERVISOR: *[Signature]*

31 INEXCO HARRY E. PURCELLS 2-31

Jan 23

23

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP				MOTOR HOURS						
No. 1				1						
No. 2				2						
No. 3				3						
No. 4				4						
No. 5				5						

REMARKS
 Had BIT...
 TIME
 START...
 STOP...
 DRILLER'S SIGNATURE

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP				MOTOR HOURS						
No. 1				1						
No. 2				2						
No. 3				3						
No. 4				4						
No. 5				5						

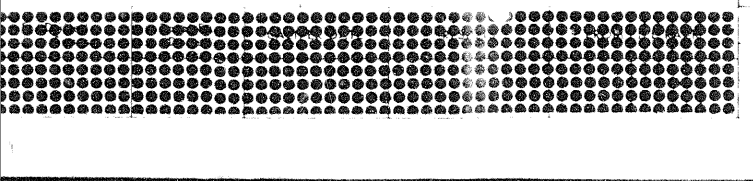
REMARKS
 W.O.C.
 8:00 AM
 W.H. PLUG #1 2310'-2020'
 CEMENTED W/185 SKS. GILWELL CEMENT
 T 80% GEL.
 PLUG #2 2020'-1920' W/80 SKS.
 GILWELL T 20 SKS. SAND T 2% GEL
 PLUG DOWN @ 2:00 A.M. JAN. 23/72
 DRILLER'S SIGNATURE

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP				MOTOR HOURS						
No. 1				1						
No. 2				2						
No. 3				3						
No. 4				4						
No. 5				5						

REMARKS
 W.O.C.
 4:00 AM
 DRILLER'S SIGNATURE

CASING REPORT									
FUEL USED		OIL		WATER		MATERIALS		OTHER	

REMARKS
 DAYS FROM SPUD 23
 DRILLER'S SIGNATURE



APPROVED BY
 OPERATOR'S REPRESENTATIVE
 APPROVED BY
 TOOLPUSHER
 DRILLER'S SIGNATURE

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO WELL

31

INEAR HUSKY E. PLANT - 630

TOUR	From		Footage		To		Hrs. on Bottom		Wt. Dr. Pipe		Stands		Singles		DRILL COLLARS		Pump No.		Pump Pressure		S.M.		Table Torque		T		B		G			
	No.	Size	Type	Jets	W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.M.	Table Torque	T	B	G													
8 AM TO 8 AM	2341														3 7 5 18 4 35																	
	MUD		12 m		2 p.m.		4 p.m.		6 p.m.		PUMP		PUMP				MOTOR HOURS															
	WEIGHT																															
	VISCOSITY																															
	GEL																															
W.L.		F.C.		pH		DESILTER		Hours Op.		Flow		Flow		Flow		Flow		Flow		Flow		Flow		Flow		Flow		Flow		Flow		
ADDITIVES:						GENERAL																										
Drilling Line Record		Size		Make		Serial No.		No. Lines		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		
8 AM TO 4 PM															DRILL COLLARS		2 9 2304		R35440												W.O.C.	
	MUD		8 a.m.		11 a.m.		12 noon		2 p.m.		PUMP		PUMP				MOTOR HOURS															
	WEIGHT																															
	VISCOSITY																															
	GEL																															
W.L.		F.C.		pH		DESILTER		Hours Op.		Flow		Flow		Flow		Flow		Flow		Flow		Flow		Flow		Flow		Flow		Flow		
ADDITIVES:						GENERAL		CHANGE OIL IN NO. 2 MOTOR		HAD FILTERS								Clear		-18°												
Drilling Line Record		Size		Make		Serial No.		No. Lines		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		
4 PM TO MIDNIGHT															DRILL COLLARS																W.O.C.	
	MUD		4 p.m.		6 p.m.		8 p.m.		10 p.m.		PUMP		PUMP				MOTOR HOURS															
	WEIGHT																															
	VISCOSITY																															
	GEL																															
W.L.		F.C.		pH		DESILTER		Hours Op.		Flow		Flow		Flow		Flow		Flow		Flow		Flow		Flow		Flow		Flow		Flow		
ADDITIVES:						GENERAL																										
Drilling Line Record		Size		Make		Serial No.		No. Lines		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		Ton. Meters		

S.M. 100
K.O. 100
W.A.T. 100
CHANGE
NIGHT

FIRES
W.O.C.

FIRES
W.O.C.
K.O.
W.A.T.

B.O.P.	Tested	Elapsed Time	Prec. Temp.	Pa. 1 1/2 & Seat	Expansion	Pressure	Temperature	Flow	Direction	Remarks	CABING REPORT
TOTAL											
FUEL USED											



CONSERVATION BOARD

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO WELL

31

INEXCO HUSKY ET AL RIG # 251

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From Footage	To	Drill Collars	Drill Bits	W.C.	Wgt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	Table Torque	T	B	G
2341		3														

MUD 2m 2am 4am 6am **PUMP** **PUMP** **MOTOR HOURS**

WEIGHT No
VISCOSITY No
GEL No
W. No
PH No
DESILTER No
ADDITIVES: GENERAL

Drilling Line No. 10 40

REMOVED
SCREEN
KID BEG
LWT 4
3
FIRES

From Footage	To	Drill Collars	Drill Bits	W.C.	Wgt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	Table Torque	T	B	G

MUD 8am 10am 12pm **PUMP** **PUMP** **MOTOR HOURS**

WEIGHT No
VISCOSITY No
GEL No
W. No
PH No
DESILTER No
ADDITIVES: GENERAL

USED 10' 10 3/4" CASING FOR FISHING TOOLS
USED 3 BOTTLES OXYGEN AND 1 ACETYLENE FOR WELDING FISHING TOOLS.

Drilling Line No.

MADE UP
RUN IN
TR. SO GET
CIBER OUT
RUN IN W. P.

From Footage	To	Drill Collars	Drill Bits	W.C.	Wgt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	Table Torque	T	B	G

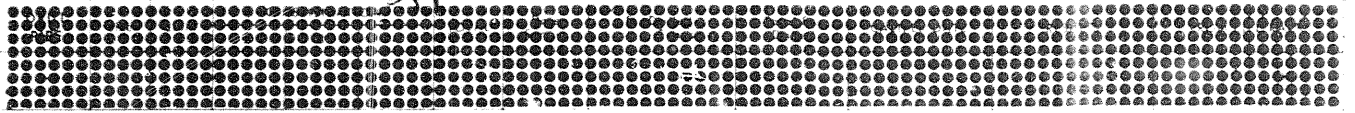
MUD 4pm 6pm 8pm **PUMP** **PUMP** **MOTOR HOURS**

WEIGHT No
VISCOSITY No
GEL No
W. No
PH No
DESILTER No
ADDITIVES: GENERAL

Drilling Line No.

FIXED IN
FISHING
CIBER OUT
MADE UP
SCREEN

BOP
Casing Report
24



COVER UP

DRILL COLLARS									
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	Table Torque	T	B	G
2	9	7	7	2	22	33			
PUMP									
MOTOR HOURS									
FISH									

REMARKS
 REMOVED END OF DRILL COLLAR
 BREAK OUT BUSH SOCKET
 2 30
 2 25
 2 25
 2 3
 3 3
 3 5 45 24
 FIRES

DRILL COLLARS									
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	Table Torque	T	B	G
PUMP									
MOTOR HOURS									
FISHING TOOLS									
ACETYLENE FOR									

REMARKS
 MAKE UP FULLER BASKET
 RUN IN
 TR. TO GET OVER FISH
 CHAIN OUT
 RUN IN W/ FINGER BASKET
 800 1230 4 2
 1230 130 1
 1 20 200 12
 2 10 3 14
 3 10 4 14
 8
 FIRES

DRILL COLLARS									
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	Table Torque	T	B	G
PUMP									
MOTOR HOURS									

REMARKS
 FISHING
 CHAIN OUT
 MAKE UP TOOL
 400 415 14
 4 6 6 36
 6 2 12
 7 15 2 1
 1 30 1
 2 22
 FIRES

CASING REPORT	
TOTAL	
FEET USED	

DRILLER'S SIGNATURE
 21



Approved by
 Operator
 Rep.
 Approved by
 Toolpusher
 H.E. Dewitt

31

INEXCO HUSK & ET AL PORCUPINE

G-31

JAN 20

20

DRILL COLLARS		3		9		3		8368		834		485	
Drilled or Cased	Hrs	Reamed	Hrs	Pump No	Pump Pressure	SPM	Table Torque	T	B	G			
42	91	9	7	178	26554		460						
PUMP						MOTOR HOURS						FUEL 3190	

REMARKS

FINISH OUT NO FISH 1200.1230.1/2

RIG SERV BOP 1230.1245.1/4

RUN IN 1245.145.1

CLEAN OUT 10' HILL AND 145.

TRY TO WORK OVER FISH 445.3

PULL OUT 445.545.1

MAKE UP BOWEN BASKET AND 545.

RUN IN 645.1

CLEAN FILL 5' AND MILL ON BIT 645.800.1/4

FIRES

DRILLER'S SIGNATURE

DRILL COLLARS		3		9		3		8368		834		485	
Drilled or Cased	Hrs	Reamed	Hrs	Pump No	Pump Pressure	SPM	Table Torque	T	B	G			
PUMP						MOTOR HOURS						Lead 08	

REMARKS

MILLING ON 12" BIT 30.

CHAIN OUT OF HOLE CHECKED 12.45

BOWEN BASKET 2.45

RUN IN 2.45

MILLING ON BIT 2.45

FIRES

DRILLER'S SIGNATURE

DRILL COLLARS		3		9		3		8368		834		485	
Drilled or Cased	Hrs	Reamed	Hrs	Pump No	Pump Pressure	SPM	Table Torque	T	B	G			
42	91	9	7	178	26554		460						
PUMP						MOTOR HOURS						18 20 5/2 x 12	

REMARKS

MILLING ON 12" BIT 410.600.2

CHAIN OUT OF HOLE CHECKED 600

BOWEN BASKET 715.1/4

RUN IN 715.815.1

PULL ON BIT 815.1130.3

CHAIN OUT 1130.1250.1/2

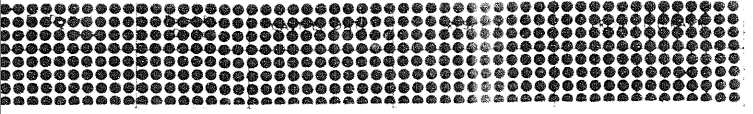
FIRES

DRILLER'S SIGNATURE

CASING REPORT

TOTAL	
FUEL USED	

217



Approved by: [Signature]

Approved by: [Signature]

31

INERCO HUSKY ET AL PORCUPINE G-31

JAN 19

72

14

DRILL COLLARS		PUMP		MOTOR HOURS		
Singles	Reamed	Pump No.	Pump Pressure	1	2	3
19 2	7	27	65			
42.91	7					

REMARKS

WENT TO TOP OF FISH

FISHING

HOIST AND CHAIN OUT

WENT TO BOTTOM

WENT UP WITH HOIST

WENT TO TOP OF FISH

HOIST

7:15 1.45 1/2

7:30 2.2

7:35 5 1/2

DRILLER'S SIGNATURE: Steve G. [Signature]

DRILL COLLARS		PUMP		MOTOR HOURS		
Singles	Reamed	Pump No.	Pump Pressure	1	2	3
19 2	3	31	3			
42.11	7					

REMARKS

WENT TO BOTTOM

WENT UP WITH HOIST

WENT TO TOP OF FISH

HOIST

DRILLER'S SIGNATURE: [Signature]

DRILL COLLARS		PUMP		MOTOR HOURS		
Singles	Reamed	Pump No.	Pump Pressure	1	2	3
19 2	3	3	8368			
42.71	7	2655				

REMARKS

WENT TO BOTTOM

WENT UP WITH HOIST

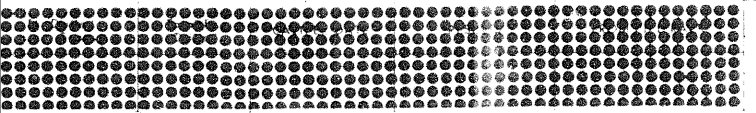
WENT TO TOP OF FISH

HOIST

DRILLER'S SIGNATURE: [Signature]

CASING REPORT	
TOTAL	
FUEL USED	

DRILLER'S SIGNATURE: [Signature]



Approved by: [Signature]

Approved by: [Signature]

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
12.91										
				PUMP						
				MOTOR HOURS						
SERVICES										
Flow										
Total Mile										

REMARKS

BREAK CIRC & CLEAN 12
 TO TOP OF BIT FIELD 3 3
 HOIST AND SHUT OUT 0 0 2
 MAKE UP TUBING TODAY 5 2 0

FIRES

DRILLER'S SIGNATURE

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
				PUMP						
				MOTOR HOURS						
SERVICES										
Flow										
Total Mile										

REMARKS

FINISH WORKING ON TOOL 2 2 3
 PUMP AND SHUT OUT 2 1 0
 RUNNING IN 9 10 1
 SHUT DOWN TO BREAK
 CIRC WITH WATER
 PUMPING SURGE, ALL RETURN, IN THE
 WATER 10 10 1
 BREAK CIRC WITH WATER 12 1 1
 CIRC ON PUMP 2 0 0
 SHUT DOWN WORKING 2 2 4

FIRES

DRILLER'S SIGNATURE

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
				PUMP						
				MOTOR HOURS						
SERVICES										
Flow										
Total Mile										

REMARKS

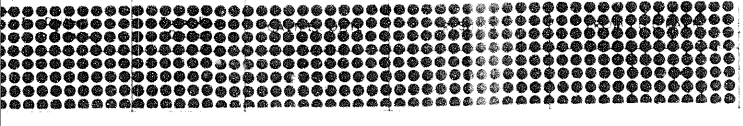
FINISH OUT 4 2 4
~~FINISH WORKING ON TOOL~~
 FINISH TOOL 9.30 4 1/2
 RUN IN 9.30 10 1 1/4
 BREAK CIRC / WATER CIRC 12 0 0
 CLEAN TO TOP OF PUMP 12 1 1/2

FIRES

DRILLER'S SIGNATURE

CASING REPORT	
TOTAL	
FUEL USED	
RETURNS	

DATE FROM 18



Approved by
 Operator
 Representative
 Approved by
 Top Gunner
 [Signature]

COMMONWEALTH DRILLING
DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

INEXCO HUSKY ETNA PORCUPINE 9-51

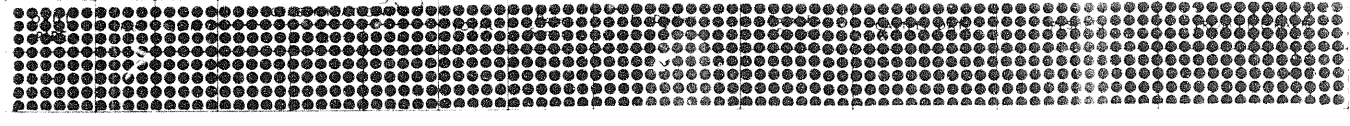
TOUR	2341															
	From	Footage	To	Drill Bit	Wt. Collar	Stand	Singles	DRILL COLLARS	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	Table Torque	T	B
MIDNIGHT TO 8 AM	MUD															
	PUMP															
	MOTOR HOURS															
	ADDITIVES															
8 AM TO 4 PM	2341															
	MUD															
	PUMP															
	MOTOR HOURS															
4 PM TO MIDNIGHT	MUD															
	PUMP															
	MOTOR HOURS															
	ADDITIVES															

CONN RIG
TRY 12
HOIST
LIT LAMP
PUMP ON
LAMP ON
PICK UP
LAMP ON
FIRES

WELD UP
LAMP ON
FIRES

MAKE UP
LAMP ON
FIRES

B.O.P.	System	Enclosed	Pressure	Packing & Seal	Full Use	CASING REPORT
TOTAL						



CONSERVATION & PROTECTION

INEXCO HUSKY ETAL PORCUPINE G-31

JAN 16

16

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
329	25 1/4				AIR PRESS		800 PSI			
					C.F.M.		1400			
PUMP					MOTOR HOURS					

REMARKS
 - DRILL & RIG SERVED BY NEW COGS
 DRAG
 CLEAN TO - 1200
 DRAG
 FULL OF AIR

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
434	32 1/2				AIR PRESS		200 PSI			
					C.F.M.		1400			
PUMP					MOTOR HOURS					

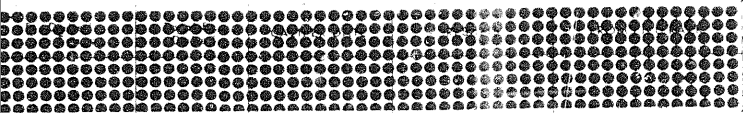
REMARKS
 - DRILL & RIG SERVED BY NEW COGS
 DRAG
 CLEAN TO - 1200
 DRAG
 FULL OF AIR

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
528	39 1/2				AIR PRESS		200 PSI			
					C.F.M.		1400			
PUMP					MOTOR HOURS					

REMARKS
 - DRILL & RIG SERVED BY NEW COGS
 DRAG
 CLEAN TO - 1200
 DRAG
 FULL OF AIR

CASING REPORT

TOTAL	
FUEL USED	



DRILLER'S SIGNATURE
 APPROVED BY
 SUPERVISOR
 J. Lewis to

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

INEXCO HUSKY - 1/2" PINE 5-31

From	Footage	To	Wt. Collars	Wt. Pipe	Wt. Bit	Wt. Total	Drill Collars	Reamed	Pressure	Flow	Temp
1813	52	1865	5	76	1374.21		3	9	200/6	AIR	140

No.	Size	Type	Jets W.C.	Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs	Reamed	Pump No.	Pump Pressure	Flow	Temp
3	12 1/4	H88	OPEN	329725	4	35	52	5	103	2 1/2	AIR	200/6	140

MUD: AIR FOAM
ADDITIVES: SOAP 35 GAL, NAG TREAT 60/lb, GABSON 100/lb

From	Footage	To	Wt. Collars	Wt. Pipe	Wt. Bit	Wt. Total	Drill Collars	Reamed	Pressure	Flow	Temp
1865	95	1960	6 1/2	77	1468.67		3	7	200/6	AIR	140

No.	Size	Type	Jets W.C.	Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs	Reamed	Pump No.	Pump Pressure	Flow	Temp
3	12 1/4	H88	OPEN	327725	4	35	141	11 1/2		2	200/6	140	

MUD: AIR FOAM
ADDITIVES: SOAP 40, NAG TREAT 35/lb, GABSON 100/lb

From	Footage	To	Wt. Collars	Wt. Pipe	Wt. Bit	Wt. Total	Drill Collars	Reamed	Pressure	Flow	Temp
1960	99	2059	7 1/4	78	1561.29		3	9	200/6	AIR	140

No.	Size	Type	Jets W.C.	Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs	Reamed	Pump No.	Pump Pressure	Flow	Temp
3	12 1/4	H88	Open	329725	4	45	246	18 3/4		2	200/6	140	

MUD: AIR FOAM
ADDITIVES: SOAP 40, NAG TREAT 60/lb, GABSON 100/lb

BOP	Tested	Elast. Temp	Pressure	Flow	Temp	Drill Collars	Reamed	Pressure	Flow	Temp
						3	9	200/6	AIR	140

Drilling Line	Size	Make	Serial No.	Wt.	Drill Collars	Reamed	Pressure	Flow	Temp
					3	9	200/6	AIR	140

CONSERVATION & RECOVERY

31

INEXCO HUSKY 2-1/2" PERCUSSION G-31

JAN 15 1972

Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
374.21	5	103	2 1/2		AIR PRESSURE	200/6				
					C.F.M.	1400				

DRILL COLLARS 3 9" 3 8301
 7 7" 2 1/2 8254
 7.40
 200/6
 1400
 PUMP MOTOR HOURS
 1 X 18
 1926.5

REMAIN TO BOTTOM 1700 - 1813
 LRLB
 CIRC TO 4 CURVES
 LRLB
 12 2 1/2 2 1/2
 2 5 5 1/2
 5 5 1/2 1/2
 3 5 2 1/2
 BLOW OUT DRILL HEAD
 FIRES
 Steve Johnson
 DRILLER'S SIGNATURE

Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
168.67	5	141	11 1/2		AIR PRESSURE	200 P.S.I.				
					C.F.M.	1400				

DRILL COLLARS 3 9" 3 8301
 7 7" 2 1/2 8254
 7.07
 200 P.S.I.
 1400
 PUMP MOTOR HOURS
 1 X 18
 1926.5
 WIND 25-30
 Below 1430
 -30°

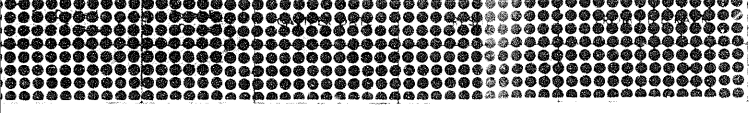
DRILLING
 CIRC FOR 2 CURVES
 DRILLING
 CIRC FOR 2 CURVES
 DRILLING
 CIRC FOR 2 CURVES
 DRILLING
 CIRC FOR 2 CURVES
 4 hrs Overtime to A. Suchy for Working
 an B.O.P. line for Inexco
 FIRES
 Steve Johnson
 DRILLER'S SIGNATURE

Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
561.29	246	18 3/4			AIR PRESS	200/6				
					C.F.M.	1400				

DRILL COLLARS 3 9" 3 8301
 9 7" 2 1/2 8254
 0
 200/6
 1400
 PUMP MOTOR HOURS
 1 X 18
 1990.4
 WIND 40-50

DRILLING
 CIRC FOR 2 CURVES
 DRILLING
 CIRC TO CURVE 1
 84.00 11 5 2 1/2
 6 15 1 15 1/2
 7.15 11 45 4 1/2
 11 45 12.00 1/4
 FIRES
 Steve Johnson
 DRILLER'S SIGNATURE

FUEL ON HAND 12:01 a.m.		CASING REPORT	
Fuel Rec'd Today (add)			
TOTAL			
Fuel on Hand 5:59 p.m.			
FUEL USED			



Approved by
 Operator's Representative
 Approved by
 Toolmaster
 15

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

INEXCO HUSKY ET AL PORCUPINE #31

From	Footage	To	Bottom	Wt. Dr. Pipe	Stands	Singles	DRILL COLLARS	Length	Sub. Wt.	Reamer	DRILLING
1681	95	1776	7	73m	14	1	3	9' 3"	83.55	20	20
No.	Size	Type	Jets/W.C.	Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.
2A	12 1/4	H88	OPEN	370973	6	60	345	30 1/4			269654

6:00 S
CIRC. 75
L 226
CIRC. 75
L 226
FULL 1

MUD	PUMP	MOTOR HOURS
WEIGHT	ON TANKS	2.0
VISCOSITY	AIR FOAM	2.0
GEL	350	2.0
DESILTER	5 1/2 X 15	2.0
ADDITIVES	SOAP 35 GAL GENERAL	17.2
	HAGATREAT 60 LBS	17.5
	CAIGON 100 LBS	

From	Footage	To	Bottom	Wt. Dr. Pipe	Stands	Singles	DRILL COLLARS	Length	Sub. Wt.	Reamer	DRILLING
1776	37	1813	4	3-	17	1	3	5' 9"	83.4	5	23
No.	Size	Type	Jets/W.C.	Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.
2A	12 1/4	H88	OPEN	370973	4	60	382	34 1/4			269654

6:00 S
CIRC. 75
L 226
CIRC. 75
L 226
FULL 1

MUD	PUMP	MOTOR HOURS
WEIGHT		
VISCOSITY	AIR FOAM	
GEL		
DESILTER		
ADDITIVES	SOAP 30 GAL GENERAL	20.6
	HAGATREAT 30 LBS	
	CAIGON 60 LBS	

From	Footage	To	Bottom	Wt. Dr. Pipe	Stands	Singles	DRILL COLLARS	Length	Sub. Wt.	Reamer	DRILLING
1813				76			3	1' 10" - 4' 0"			400
No.	Size	Type	Jets/W.C.	Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.
3	12 1/4	H88	OPEN	329725	2	35		29 1/4	4		269654

6:00 S
CIRC. 75
L 226
CIRC. 75
L 226
FULL 1

MUD	PUMP	MOTOR HOURS
WEIGHT		
VISCOSITY		
GEL		
DESILTER		
ADDITIVES	SOAP 20 GAL GENERAL	
	HAGATREAT 30 LBS	
	CAIGON 60 LBS	

B O P	Tested	Expanding	Pipe	Plugging & Sealing	Pressure	Temperature	Flow	Direction	Flow	Direction	Flow	Direction

CASING REPORT
TOTAL
FUEL USED

TOTOP RING ON BIT = 2A
By Operator 41 24

INEXCO HUSKY ET AL PORCUPINE 6-31

JAN 14

72
14

DRILL COLLARS		No.		D		Length		A. WT.		Sub. WT.		C.B. WT.	
13.40	3	9	7	3	83.55	28	26532	334	5	23	6		
345	30 1/4												
PUMP				MOTOR HOURS				T		B		G	
TANKS				MUT DOWN				120		162		1400	
KIB				250				172		112		1765	

REMARKS

LRAG 120 2 2

CIRC TO 2 LANEY 120 162

LRAG 1400

CIRC TO 2 LANEY 172 112

LRAG 1765

FUEL 7 5

DRILL COLLARS		No.		D		Length		A. WT.		Sub. WT.		C.B. WT.	
3.29	3	9	7	3	83.58	28	26534	334	5	23			
382	34 1/4												
PUMP				MOTOR HOURS				T		B		G	
								120		162		1400	
								172		112		1765	

REMARKS

DRINKING

DRY FOX YAN SERVICE

YAN SERVICE WHILE DRILLING

LRAG 120 2 2

CIRC TO 2 LANEY 120 162

LRAG 1400

WHAT IN MANNER DRILL

DRILL COLLARS		No.		D		Length		A. WT.		Sub. WT.		C.B. WT.	
	3	9	7	3	83.58	28	26534	334	5	23			
	294	4											
PUMP				MOTOR HOURS				T		B		G	
								120		162		1400	
								172		112		1765	

REMARKS

DRILLING

STARTING TO RUN IN 1000

TIGHTEN @ 1400, LAY DOWN

2 INCHES OUT IN ROTARY IS 1400

TO 1400

RENIN FROM 1400 TO 1700

CASING REPORT	
TOTAL	
FUEL USED	

DRILLER'S SIGNATURE

14



Approved by

Signature

Signature

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS O
WELL

31

INEXCO HUSKY ET AL / SUPW 31

From	Footage	To	Bottom	Drill Pipe	Stand	Single	DRILL COLLARS	No.	Sub	WT	Sub	WT					
1461	72	1533	7	70	11	1062	96	7	3	22.01							
No.	Size	Type	Jets/W.C	Serial No.	Wgt	R.P.M	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M	Table Torque	T	B	G
2A	12 1/4	M88	OPEN	370973	4-12	40-60	102	9 3/4				120	1400				

MUD	WT	W.C.M	W.C.M	W.C.M	W.C.M	PUMP	PUMP	MOTOR HOURS
WEIGHT								
VISCOSITY	8							
GEL	250							
DESILTER	5/16 X 1/8							
ADDITIVES	HAQATREAT 125 LB CALGON 100 LB SOAP - 1 BBL							

From	Footage	To	Bottom	Drill Pipe	Stand	Single	DRILL COLLARS	No.	Sub	WT	Sub	WT					
1533	85	1618	1 1/2	72	12		3	1	3	184							
No.	Size	Type	Jets/W.C	Serial No.	Wgt	R.P.M	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M	Table Torque	T	B	G
2A	12 1/4	M88	OPEN	370973	5-12	60	187	16 1/2									

MUD	WT	W.C.M	W.C.M	W.C.M	W.C.M	PUMP	PUMP	MOTOR HOURS
WEIGHT								
VISCOSITY	8							
GEL	250							
DESILTER	5/16 X 1/8							
ADDITIVES	CALGON 100 LBS HAQATREAT 45 LB							

From	Footage	To	Bottom	Drill Pipe	Stand	Single	DRILL COLLARS	No.	Sub	WT	Sub	WT					
1618	63	1681	7	72	12	1158	13	9	1	8.04							
No.	Size	Type	Jets/W.C	Serial No.	Wgt	R.P.M	Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M	Table Torque	T	B	G
2A	12 1/4	M88	OPEN	370973	6	60	250	23 1/4									

MUD	WT	W.C.M	W.C.M	W.C.M	W.C.M	PUMP	PUMP	MOTOR HOURS
WEIGHT								
VISCOSITY								
GEL								
DESILTER								
ADDITIVES	HAQATREAT 60 LBS SOAP 35 GAL CALGON 100 LB							

B.O.P	Pressure	Flow	Temp	Other	Remarks	CASING REPORT

1000 ROUNDS 2 24

DRILL
MOTOR
MOTOR HOURS

FIRES

FIRES

FIRES

INEXCO HUSKY ET AL MORGU PINE YTD G 31

JAN 12

92

12 12

Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
9.06	213	10 1/4		3	9	7	8365	834	500	
DRILL COLLARS 3 9 7 8365 AIR PRES 120 RUNNING C.F.M. 1400 SOAP 12 BRIS HRS PUMP MOTOR HOURS ON TANKS 250 5 2 x 10 FUEL # 1168 2 1231 2										

REMARKS		TIME	TIME	TIME
DRILLING		1200	1200	1/2
SURVEY 1115		1200	1245	1/4
DRILLING		1245	1250	1/4
SURVEY @ 1165		2:00	2:15	1/4
DRILLING		2:45	6:00	3 1/4
SURVEY @ 1221		6:00	6:15	1/4
DRILLING		6:15	6:00	1/4
FIRES NIL				8

Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
6.44	364	18		3	9	7	8365	834	5	6.39
DRILL COLLARS 3 9 7 8365 AIR PRES 120 RUNNING C.F.M. 1400 SOAP 12 BRIS HRS PUMP MOTOR HOURS ON TANKS 250 5 2 x 10 FUEL # 1168 2 1231 2										

REMARKS		TIME	TIME	TIME
DRILLING		8:00	8:5	1/4
SURVEY @ 1120		8:15	14:00	3 1/4
DRILLING		11:00	12:00	1/2
DRILLING		12:00	12:00	1/4
FIRES NIL				

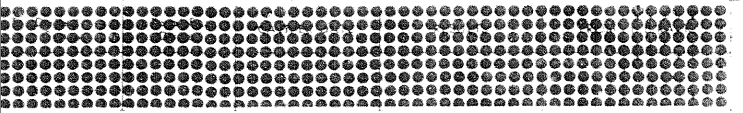
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
168 31	371	184		3	9	7	8365	834	5	6.39
DRILL COLLARS 3 9 7 8365 AIR PRES 120 RUNNING C.F.M. 1400 SOAP 12 BRIS HRS PUMP MOTOR HOURS ON TANKS 250 5 2 x 10 FUEL # 1168 2 1231 2										

REMARKS		TIME	TIME	TIME
DRILLING		4:00	4:15	1/4
CONN LINE PLUGGED		4:15		
PLUGGED @ 7' HOIST		7:00	7:23	1/4
RUN IN		7:23	7:23	2
BREAK DOWN @ 25 FT		9:00		
DRILLING		11:00	12:00	1/4
FIRES NIL				

CASING REPORT

TOTAL	
FUEL USED	

12



Signature: [Handwritten Name]

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO WELL

33

INEXCO Husky ET AL PORCUPINE

YT G

From	Footage	To	Drill Collars	Reamed	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
1060	60	1120	3	9	3	8368	834	1800			
No.	Size	Type	Jets, W.C.	Serial No.	Wat	R.P.M.	Drilled or Corod	Hrs	Reamed	Hrs	
1	11 1/2	MUD	7/8 1/15	911464			12	4 1/2			
MUD			PUMP			PUMP			MOTOR HOURS		
WEIGHT			No.			No.					
VISCOSITY			No.			No.					
GEL			No.			No.					
W.C.			DESILTER			Hours					
ADDITIVES			GENERAL								
Drilling Line Report From: 1060 Footage: 60 To: 1120 Drill Collars: 3 Reamed: 9 Pump No.: 3 Pump Pressure: 8368 S.P.M.: 834 Table Torque: 1800 No. 1 Size 11 1/2 Type MUD Jets, W.C. 7/8 1/15 Serial No. 911464 Wat. R.P.M. Drilled or Corod 12 Hrs Reamed 4 1/2 Hrs											
Drilling Line Report From: 1120 Footage: 60 To: 1180 Drill Collars: 3 Reamed: 9 Pump No.: 3 Pump Pressure: 8368 S.P.M.: 834 Table Torque: 1800 No. 2 Size 12 1/4 Type MUD Jets, W.C. 7/8 1/15 Serial No. 370973 Wat. R.P.M. Drilled or Corod 60 Hrs Reamed 3 Hrs											

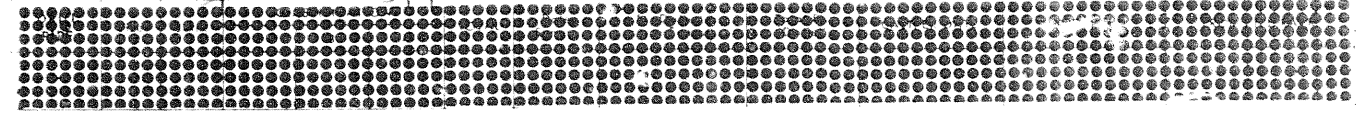
FINISH HYDRAULIC AND PLUMB CONTROLS PULL ON RIG AND L.

DRILL MO. PULL OUT

PICK REAMER RUN IN BLOW GUN LINE WE CLEAN 20 LINES

CASING REPORT

B O P
 Test
 B O P
 B O P



Singles		DRILL COLLARS		No.		O.D.		Length		A. Wt.		Sub. Wt.		B. H.		H. Wt.	
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G							
12	4 1/2							4	4	1							
PUMP												MOTOR HOURS					
No. 2												1					
No. 3												2					
No. 4												3					
No. 5												4					
No. 6												5					

REMARKS
 FINISH BLOWEY LINE 1200 100 1
 HYDRAULIC VALVE INSTALLED 100
 AND PLUM INTO HYDRIL
 CONTROLS 500 1/2
 PULL OUT 500 500 1/2
 RIG AND DRILL HOLE 530 800 2 1/2
 8

Singles		DRILL COLLARS		No.		O.D.		Length		A. Wt.		Sub. Wt.		B. H.		H. Wt.	
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G							
PUMP												MOTOR HOURS					
No. 2												1					
No. 3												2					
No. 4												3					
No. 5												4					
No. 6												5					

REMARKS
 DRILL MOUSE HOLE 800 300 7
 PULL OUT 300 400 1

Singles		DRILL COLLARS		No.		O.D.		Length		A. Wt.		Sub. Wt.		B. H.		H. Wt.	
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G							
60	3																
PUMP												MOTOR HOURS					
No. 2												1					
No. 3												2					
No. 4												3					
No. 5												4					
No. 6												5					

REMARKS
 PICK UP NEAR BIT 400
 REAMER CHANGED BIT 700 3
 RUN IN 700 3
 BLOW GASKET IN BLOWEY 700 3
 LINE REPLACE WANG 500 1/2
 CLEAN 30' TO BOTTOM 800 900 1/2
 DRILL HOLE 900 1200 3

Singles		DRILL COLLARS		No.		O.D.		Length		A. Wt.		Sub. Wt.		B. H.		H. Wt.	
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G							
PUMP												MOTOR HOURS					
No. 2												1					
No. 3												2					
No. 4												3					
No. 5												4					
No. 6												5					

REMARKS
 C.A.F.M. 1400
 SOAP 12 RBLS HRS.

Singles		DRILL COLLARS		No.		O.D.		Length		A. Wt.		Sub. Wt.		B. H.		H. Wt.	
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G							
PUMP												MOTOR HOURS					
No. 2												1					
No. 3												2					
No. 4												3					
No. 5												4					
No. 6												5					

REMARKS
 GILS SOAP

Singles		DRILL COLLARS		No.		O.D.		Length		A. Wt.		Sub. Wt.		B. H.		H. Wt.	
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G							
PUMP												MOTOR HOURS					
No. 2												1					
No. 3												2					
No. 4												3					
No. 5												4					
No. 6												5					

REMARKS
 11

CASING REPORT

TOTAL

FUEL USED

11

11

Singles		DRILL COLLARS		O.D.		Length		Air Wt		Sub Wt		H. W.	
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G			
2695	2	3	9	3	836B								
27	2		7	2	1/2" 826534								
<p>PUMP MOTOR HOURS</p> <p>AIR ON TANKS</p> <p>18 250 5'2" x 4"</p> <p>R 150 LBS</p> <p>E.M 2100</p>													

REMARKS

DRILLING

RIG UP TO BLOW HOLE

UNLOAD HOLE

DRY HOLE

1200 1230 1/2

1230 300 2 1/2

300 400 1

400 800 H

FUEL # 310

Singles		DRILL COLLARS		O.D.		Length		Air Wt		Sub Wt		H. W.	
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G			
72	4 1/2		3	3	736B								
<p>AIR 160 (10)</p> <p>415F</p> <p>480</p>													

REMARKS

RIG UP / L.O.P

TRY TO BLOW HOLE

DRY & GRILL

UNLOAD TRUCK

8:00 8:15 1/4

8:15

1:45 5 1/4

1:45 11:00 2 1/4

Singles		DRILL COLLARS		O.D.		Length		Air Wt		Sub Wt		H. W.	
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G			
<p>WORK ON BLOWER LINE</p> <p>LOAD OUT 4 FL TRUCK</p> <p>WORK ON BLOWER LINE</p>													

REMARKS

WORK ON BLOWER LINE

LOAD OUT 4 FL TRUCK

WORK ON BLOWER LINE

4:00 5:15 1/4

5:15

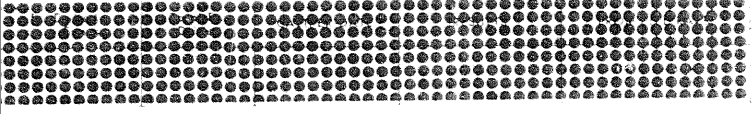
7:45 2 1/4

7:45 12:00 4 1/4

Singles		DRILL COLLARS		O.D.		Length		Air Wt		Sub Wt		H. W.	
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G			
<p>CASING REPORT</p> <p>TOTAL</p> <p>FUEL USED</p>													

REMARKS

10



Handwritten notes and signatures at the bottom right of the page.

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP				MOTOR HOURS						
No. of Collars				1						
No. of Reams				2						
No. of Tests				3						
No. of Connections				4						
No. of Bits				5						

REMARKS

HEAD UP HPL W/BLDN 1200
ON BLOWBY LINE 730 7/2
PRES. TEST BLIND RAM 730
1000 LBS 15 MIN. OK 800 11/2

END 1.25

FIRES

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	B	G
1										
PUMP				MOTOR HOURS						
No. of Collars				1						
No. of Reams				2						
No. of Tests				3						
No. of Connections				4						
No. of Bits				5						

REMARKS

TANK WAS PILE 4 COLLARS 800
DUNNICK PICK UP 2 COLLARS 1100 3/4
KICK UP 2 COLLARS 1100 1/2
CIRC. MA. WAS 180 1/2
REPAIR COLLAR IN COLLARS 1200 3/4
PRESSURE TEST PIPE 4 HRS 1200 1/2

FIRES

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	B	G
22	1 1/2			1	1100	60				
PUMP				MOTOR HOURS						
No. of Collars				1						
No. of Reams				2						
No. of Tests				3						
No. of Connections				4						
No. of Bits				5						

REMARKS

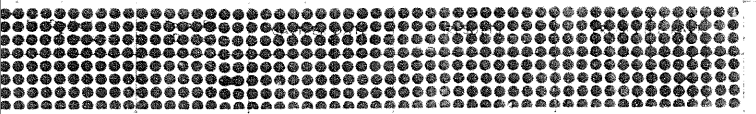
LEAK CHECK IN 75 PUMP 400
CHANGED SHADE LEAT INSANE 500 1/2
PRESSURE TEST PIPE 4 HRS 1200 1/2
KICK UP 2 COLLARS 1100 3/4
CIRC. MA. WAS 180 1/2
REPAIR COLLAR IN COLLARS 1200 3/4
PRESSURE TEST PIPE 4 HRS 1200 1/2
KICK UP 2 COLLARS 1100 3/4
CIRC. MA. WAS 180 1/2
REPAIR COLLAR IN COLLARS 1200 3/4
PRESSURE TEST PIPE 4 HRS 1200 1/2
KICK UP 2 COLLARS 1100 3/4
CIRC. MA. WAS 180 1/2
REPAIR COLLAR IN COLLARS 1200 3/4
PRESSURE TEST PIPE 4 HRS 1200 1/2

FIRES

CASING REPORT	
TOTAL	
FUEL USED	

REMARKS

DRILL 12 1/4 HERE 1030 1200 1 1/2



REMARKS

DRILL 12 1/4 HERE 1030 1200 1 1/2

3

INEXCO HUSKY ETAL PERMITS Y.T. 8-31

JAN 2

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
					265.54		214			
PUMP				MOTOR HOURS						
No.				1						
No.				2						
No.				3						
No.				4						
No.				5						

REMARKS

HEAD UP

8:00-12:00
12:00-8:00

FUEL 14' 5"

DRILLER'S SIGNATURE

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP				MOTOR HOURS						
No.				1						
No.				2						
No.				3						
No.				4						
No.				5						

REMARKS

HEAD UP

DRILLER'S SIGNATURE

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP				MOTOR HOURS						
No.				1						
No.				2						
No.				3						
No.				4						
No.				5						

REMARKS

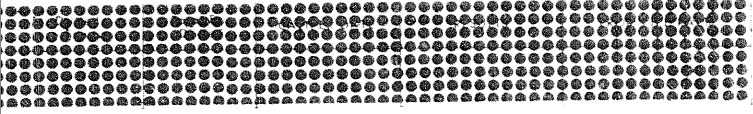
HEAD UP

DRILLER'S SIGNATURE

CASING REPORT	
TOTAL	
FUEL USED	

REMARKS

8



Joe Jawisto

INEYCO MUSKIE ET AL PORCUPINE

YT G 31

JUN 7

72
7

DRILL COLLARS										
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP				MOTOR HOURS						
No. 1				1						
No. 2				2						
No. 3				3						
No. 4				4						
No. 5				5						
Weather				Water						
Temp				Humidity						
Total Miles				At Miles						

REMARKS

CIRC CASING
 CEMENT CASING
 W.O.C.

12" 100' 1
 100 345 2 1/2
 345 800 4 1/2

8

J. Hays
 DRILLER'S SIGNATURE

DRILL COLLARS										
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP				MOTOR HOURS						
No. 1				1						
No. 2				2						
No. 3				3						
No. 4				4						
No. 5				5						
Weather				Water						
Temp				Humidity						
Total Miles				At Miles						

REMARKS

W.O.C. CUT

DRILLER'S SIGNATURE

DRILL COLLARS										
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP				MOTOR HOURS						
No. 1				1						
No. 2				2						
No. 3				3						
No. 4				4						
No. 5				5						
Weather				Water						
Temp				Humidity						
Total Miles				At Miles						

REMARKS

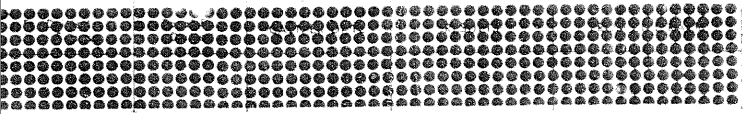
W.O.C. WHITE FINISH

DRILLER'S SIGNATURE

CASING REPORT	
TOTAL	13,000
FUEL USED	340

REMARKS

DRILLER'S SIGNATURE



DRILLER'S SIGNATURE

J. Hays

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO WELL

31

INEXCO HUSKY ET AL PORCUPINE YT G

From	Footage	To	Drill Collars	Stands	Singles	Drill Collars	Stands	Singles	Drill Collars	Stands	Singles			
917	71	988	6	5	590	27	3	9'	3	8068	423			
No.	Size	Type	Jets W.C.	Serial No.	Wgt	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque
6A	12 1/4	SEC 3-11		HOLE	18000	96					1	550	60	214
OPENER														

BIG SER
REHUNG
CIRC. TO
LUMK
CIRC. TO

MUD	2 m	2 am	4 am	noon	PUMP	2 am	3 am	4 am	PUMP	MOTOR HOURS
WEIGHT	9.5	9.5	9.2	9.3	No.	550	550	550	550	ON TANKS
VISCOSITY	37	39	45	50	Wgt.	60	60	60	60	FUEL
GEL					DESILTER	2	X 18		250	3 1/2 X 15
ADDITIVES: GEL 3000 # CAUTIC 100 #										

From	Footage	To	Drill Collars	Stands	Singles	Drill Collars	Stands	Singles	Drill Collars	Stands	Singles

FIRES
136
136

MUD	4 am	10 am	12 noon	2 pm	PUMP	4 am	10 am	12 noon	2 pm	PUMP	MOTOR HOURS
WEIGHT	9.3				No.						
VISCOSITY	55				Wgt.						
GEL					DESILTER						
ADDITIVES: GENERAL											

From	Footage	To	Drill Collars	Stands	Singles	Drill Collars	Stands	Singles	Drill Collars	Stands	Singles

FIRES
RUN 136
136

MUD	4 pm	5 pm	5:30 pm	6 pm	PUMP	4 pm	5 pm	5:30 pm	6 pm	PUMP	MOTOR HOURS
WEIGHT					No.						
VISCOSITY					Wgt.						
GEL					DESILTER						
ADDITIVES: GENERAL											

From	Footage	To	Drill Collars	Stands	Singles	Drill Collars	Stands	Singles	Drill Collars	Stands	Singles

FIRES

CASING REPORT

B O P											
TOTAL											

INEXCO MUSK; ET AL PORCUPINE YT G 31

JAN 6 71
6

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
	9		7	2 1/8	26554	214				
PUMP										
MOTOR HOURS										
FUEL #										
ON TANKS										
18 350 3 1/2 x 15										

REMARKS

BIG SER V
 BEARING 12" HOLE TO 17 1/4
 CIRC. TO DURING TRIP
 DURING TRIP
 CIRC TO RUN CASING

1200 1215 1/4
 1215 645 6 1/2
 645 715 1 1/2
 715 745 1/2
 745 800 1/4

8

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP										
MOTOR HOURS										
136										

REMARKS

WATER HOIST TO RUN CASING
 SER TO RUN CASING
 RUN 12" HOLE

800 815 1/4
 815 830 1/4
 830 845 1/4
 845 860 1/4

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
PUMP										
MOTOR HOURS										

REMARKS

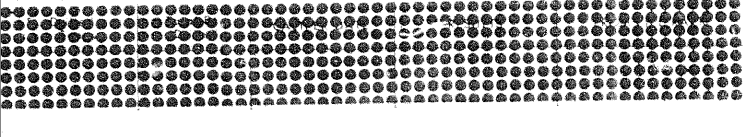
RUN 12" CASING
 MOTOR TOWEL
 START MOTOR
 RUN CASING

1100 515 1/4
 515 530 1/4
 530 545 1/4
 545 560 1/4

CASING REPORT	
TOTAL	
FUEL USED	

REMARKS

6



REMARKS

6

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

INEXCO HUSKY ET AL. H. 6-31

From	Footage	To	Misc. Bottom	Wt. Drilled	Stands	Single	DRILL COLLARS	No.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Cable Torque	T	B	G
705	107	912	64	52	371	03	3	9"	3"	2	2	200	60	2			21
No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Cable Torque	T	B	G
4A	12 1/2"	SEC	3-11	HOLE OPENER	11UM	96		712	20	1	450	60					

MUD				PUMP				PUMP				MOTOR HOURS					
WEIGHT	9.1	9.2	9.3	9.3	No.	400	450	450	No.	1	1	1	1	1	1	1	1
VISCOSITY	39	40	47	41	60	60	60	60	60	60	60	60	60	60	60	60	60
GEL																	
W.L.					DESILTER	Hours	On										
ADDITIVES: GENERAL																	

Drilling Line Record	Size	Make	Serial No.	No. Labels	Tag No.	Tag M.	Tag M.
----------------------	------	------	------------	------------	---------	--------	--------

From	Footage	To	Misc. Bottom	Wt. Drilled	Stands	Single	DRILL COLLARS	No.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Cable Torque	T	B	G
812	63	875	7	53M	495	64	3	9"	2"	1	1	550	60				17.11
No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Cable Torque	T	B	G
5A	12 1/4"	SEC	3-11	HOLE OPENER	8-10	96		63	20	1	550	60					

MUD				PUMP				PUMP				MOTOR HOURS					
WEIGHT	9.2	9.3	9.3	9.4	No.	1550	550	550	No.	1	1	1	1	1	1	1	1
VISCOSITY	40	40	38	38	60	60	60	60	60	60	60	60	60	60	60	60	60
GEL																	
W.L.					DESILTER	Hours	On										
ADDITIVES: GENERAL																	

Drilling Line Record	Size	Make	Serial No.	No. Labels	Tag No.	Tag M.	Tag M.
----------------------	------	------	------------	------------	---------	--------	--------

From	Footage	To	Misc. Bottom	Wt. Drilled	Stands	Single	DRILL COLLARS	No.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Cable Torque	T	B	G
875	42	917	5 1/2	51M	527	21	3	9"	7"	1	1	550	60				8.15
No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Cable Torque	T	B	G
5A	12 1/4"	SEC	3-11	HOLE OPENER	8-15	96		105	20	1	550	60					

MUD				PUMP				PUMP				MOTOR HOURS					
WEIGHT	9.4	9.5	9.5	No.	500	500	500	No.	1	1	1	1	1	1	1	1	1
VISCOSITY	38	38	38	38	60	60	60	60	60	60	60	60	60	60	60	60	60
GEL																	
W.L.					DESILTER	Hours	On										
ADDITIVES: GENERAL																	

Drilling Line Record	Size	Make	Serial No.	No. Labels	Tag No.	Tag M.	Tag M.
----------------------	------	------	------------	------------	---------	--------	--------

B O P	Feet	Feet	Feet	Feet	Feet	Feet	Feet	Feet	Feet	Feet	Feet	Feet	Feet	Feet	Feet	Feet	Feet	Feet
1																		

CASING REPORT

TOTAL FUEL USED																		
-----------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

WATERLATION BOARD

REMAINING
RISER
REMAINING
LAW DOW
SINGLES
PICK

BIG SERV
RUN IN
REMAINING
WELL

REMAINING
TRIP

INERCO HUSKY ET AL POLYMER V.T. 6-31

JAN. 5

12

DRILL COLLARS		3		9"		3"		8468		4.23	
9		7"		2 3/4"		26554		214		21	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	
	812		20 1/2	1	450	60					

PUMP		MOTOR HOURS	
450	450		
60	60		
60	60		

ENTANKS
5 1/2 x 15

REMARKS

REMAINING 12" TO 17"
R.I.E SERVICE
REMAINING
LAY DOWN 2 WORKING
LINES + HURT LOT
PICK UP ANOTHER REAMER.

1228 100 1
100 115 4
115 630 54
730 1
730 100 4

FIRES *John Murphy*

DRILL COLLARS		3		9"		3"		8468		4.23	
9		7"		2 3/4"		26554		214		1711	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	
	63		7	1	550	60					

PUMP		MOTOR HOURS	
50	50		
60	60		
18			

TANKS
5 1/2 x 15

RIG SERV
RUN IN W REAMER # 2
REMAINING
WELL COLLAR BAR
REMAINING

800 815 1/4
815 840 1/2
845 115 4 1/2
115 130 1/4
130 400 2 1/2

FIRES *Mr. Heig*

DRILL COLLARS		3		9"		3"		8468		4.23	
9		7"		2 3/4"		26554		214		815	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G	
	105		22 1/2	1	550	60					

PUMP		MOTOR HOURS	
200	200		
60	60		
18			

OIL TANKS
5 1/2 x 15

REMAINING
TRIP FOR REAMER

400 915 5/8
915 12 2 1/2

FIRES *Miller's*

CASING REPORT

TOTAL	
FUEL USED	



5

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTIONS TO
WELL

31

WELL NO. 4054 OF THE FIELD NO. 31

From	Footage	To	Wt. Bottom	Wt. Dr. Pipe	Stands	Singles	DRILL COLLARS	No.	Length	Sub. No.
938	416	146	6	510.27			3	3	8468	423
B	No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed
T	3A	12 1/2	MHL	1-24	912467	2	145	93	10	
S				682-OPEN						

MUD	12 in	2 in	4 in	6 in	PUMP	2 in	4 in	6 in	PUMP	MOTOR HOURS
WEIGHT	9.1	9.1	9.1	9.15		500	500	500		ON TANKS
VISCOSITY	38	40	40	40		60	60	60		5 1/2 MIN
GEL										
W.L.										
ADDITIVES	GEL 2000				GENERAL					

From	Footage	To	Wt. Bottom	Wt. Dr. Pipe	Stands	Singles	DRILL COLLARS	No.	Length	Sub. No.
			6 1/2	H2			3	7	8469	417
B	No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed
T	4A	17 1/2	SEC	3-11	MOLE OPER 4-8	96			340	6 1/2
S										

MUD	12 in	2 in	4 in	6 in	PUMP	2 in	4 in	6 in	PUMP	MOTOR HOURS
WEIGHT	9	9	9			250	300	350		ON TANKS
VISCOSITY	38	36	36			60	60	60		
GEL										
W.L.										
ADDITIVES	GEL 10000 LBS				GENERAL					
	CAUSTIC 100 LBS									

From	Footage	To	Wt. Bottom	Wt. Dr. Pipe	Stands	Singles	DRILL COLLARS	No.	Length	Sub. No.
340	4365	705	8	275			3	9	8468	423
B	No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed
T	4A	17 1/2	SEC	3-11	MOLE OPER 10M	96			705	14 1/2
S										

MUD	4 in	6 in	8 in	10 in	PUMP	2 in	4 in	6 in	PUMP	MOTOR HOURS
WEIGHT	9	9	9	9		350	400	450		ON TANKS
VISCOSITY	38	40	40	40		60	60	60		
GEL										
W.L.										
ADDITIVES					GENERAL					

B O P	Pressure	Temp	Flow	Level	Remarks
TOTAL					

TOTAL NO. OF... 24

CONCRETE AT 100'...

ERINE...
INSTALL NEW...
BIG...
CLEAN...
PICK UP...
REIN...
REIN...
REIN...

CONCRETE AT 100'...

INDEPENDENT OIL & GAS COMPANY 6-31

JAN 4

72
4

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
10.27	93	10		1	500	60	423			
<p>PUMP</p> <p>MOTOR HOURS</p> <p>ON TANKS</p> <p>5 1/2 MIS</p>										

REMARKS

DRILLING
RIG WORKING
INSTALL NEW
~~REPAIR~~ ROTARY CHAIN
DRILL
STOP TO REAM

500 500
0.60 60
18

12 1/2
15 1/2
20 1/2
25 1/2
30 1/2
35 1/2
40 1/2
45 1/2
50 1/2

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
3	6			1	350	60	427			
<p>PUMP</p> <p>MOTOR HOURS</p> <p>ON TANKS</p>										

REMARKS

RIG STOP
CLEAN SLIPPER
PICK UP KNOLKS SOME NUMBER
REPAIR HELL HOLE 17 1/4 TO 17 3/4
REPAIR FROM 0 TO 340

500 350
0.60 60
18

500 500
8 1/2 900
9 1/2 900
10 1/2 900
11 1/2 900
12 1/2 900

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
3	9			1	400	60	427			
<p>PUMP</p> <p>MOTOR HOURS</p> <p>ON TANKS</p>										

REMARKS

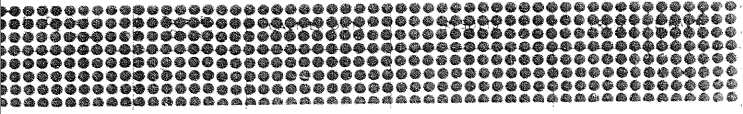
REPAIR HELL HOLE 12 TO 10 1/2
REPAIR HELL HOLE 340 TO 7 1/2

500 400
0.60 60
18

12 1/2 10 1/2
10 1/2 10 1/2
10 1/2 10 1/2
10 1/2 10 1/2
10 1/2 10 1/2

CASING REPORT

TOTAL	



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Y.T. 31

J.V. 2

DRILL COLLARS					
Drilled of Core	Hrs	Reamed	Hrs	Pump No	Pump Pressure
614	40			1	550
PUMP			MOTOR HOURS		
ON TRACKS					
5 1/2 x 15					

REMARKS	
DRILLING	12" 12"
SURVEY & BENCH	23"
DRILLING	11" 43"
SURVEY 5" 550	4 30" 500"
DRILLING	5 10" 505"
WORK IN HISTORY CHAIN	5 15" 6 10" 4"
DRILLING	6 10" 2"

DRILL COLLARS					
Drilled of Core	Hrs	Reamed	Hrs	Pump No	Pump Pressure
653	42 1/4			1	550
47	3			1	550
PUMP			MOTOR HOURS		
ON TRACKS					
5 1/2 x 15					
6 1/4 1 1/8"					

REMARKS	
DRILLING	8 00 9 45 1 30
SURVEY & 6 2 1/4	7 15 10 10 1 14
DRILLING	10 00 10 10 1 2
PULL OUT WITH 1	10 20 11 45 1 14
RIG SER V	11 45 12 00 1 14
RUN IN WITH 1 2	11 30 12 00 1 12
DRILLING	12 00 1 00 1 1 1/4
WELD CONDUCTOR WITH	1 00 2 00 1
DRILLING	2 00 4 00 2

DRILL COLLARS					
Drilled of Core	Hrs	Reamed	Hrs	Pump No	Pump Pressure
117	10			1	550
PUMP			MOTOR HOURS		
ON TRACKS					
5 2 x 15					
6 9 1/2 1 1/4"					
2 25 1 1/4"					

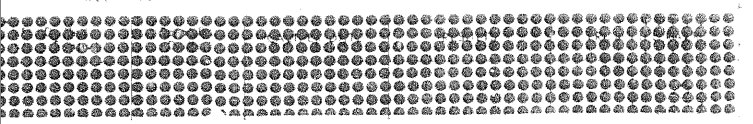
REMARKS	
DRILLING	4 00 4 45 1 1 1/4
SURVEY & 6 9 1/2 1 1/4	4 15 5 00 1 1 1/4
DRILLING	5 00 7 00 2
SURVEY & 1 2 1/8	7 10 7 15 1 1 1/4
DRILLING	7 15 7 30 1 1 1/4

CASING REPORT

DATE: _____

TIME: _____

BY: _____



COMMONWEALTH DRILLING

31

2000 ... 11.20 ... 31

DAILY DRILLING LOG
DIRECTIONS TO
WELL

From Footage	To	Drill Collars	Sub
211 40	251	3	3"
No. 1	Size 12 1/4	Type DST	Jets W.C. 1-24
Serial No. 3	Wgt. 38	R.P.M. 145	Drilled or Cored 251
Hrs. 19	Reamed	Hrs. 7	Pump No. 1
			Pump Pressure 1800
			S.P.M. 60

MUD	PUMP	PUMP	MOTOR HOURS
WEIGHT 85	8.6	8.6	
VISCOSITY 45	48	55	
GEL			
ADDITIVES GEL 2500	GENERAL		

Drilling Line	Size	Maker	Serial No.	No.

From Footage	To	Drill Collars	Sub
251 140	391	3	3"
No. 1A	Size 12 1/4	Type DST	Jets W.C. 2-12
Serial No. 7 1/4	Wgt. 42	R.P.M. 145	Drilled or Cored 391
Hrs. 26 1/2	Reamed	Hrs. 9	Pump No. 1
			Pump Pressure 1800
			S.P.M. 60

MUD	PUMP	PUMP	MOTOR HOURS
WEIGHT 89.9	9.0	9.0	
VISCOSITY 45	45	55	
GEL			
ADDITIVES GEL 3500 FT	GENERAL		

Drilling Line	Size	Maker	Serial No.	No.

From Footage	To	Drill Collars	Sub
391 109	500	3	3"
No. 1A	Size 12 1/4	Type DST	Jets W.C. 3-12
Serial No. 7	Wgt. 46	R.P.M. 145	Drilled or Cored 500
Hrs. 39 1/2	Reamed	Hrs. 9	Pump No. 1
			Pump Pressure 1800
			S.P.M. 60

MUD	PUMP	PUMP	MOTOR HOURS
WEIGHT 94.9	9	9	
VISCOSITY 35	35	42	
GEL			
ADDITIVES GEL 1500	GENERAL		

Drilling Line	Size	Maker	Serial No.	No.

Drilling Line	Size	Maker	Serial No.	No.

Drilling Line	Size	Maker	Serial No.	No.

COMMONWEALTH DRILLING

INVESTIGATION HALO PROCEDURE 531

5-1-40.1

72

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
251	19			1	800	60	214			

PUMP: 180.74
 MOTOR HOURS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60

REMARKS

DRILLING
 CREATING F
 DRILLING
 SURVEY @ 269
 DRILLING
 SURVEY @ 328
 DRILLING

12
 12
 2
 13
 8
 24

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
391	26			1	800	60	214			

PUMP: 269.74
 MOTOR HOURS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60

REMARKS

RIG SERV 800 815 1/4
 DRILLING HOLE SLIDING IN 815 1015 2
 SURVEY @ 269 1015 1020 1/4
 DRILLING 1020 130 3
 SURVEY @ 328 120 145 1/4
 DRILLING 145 400 2 1/4
 8

DRILL COLLARS										
Drilled or Cored	Hrs	Reamed	Hrs	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
500	33			1	800	60	214			

PUMP: 385.74
 MOTOR HOURS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60

REMARKS

DRILLING RIG SER 1 410 415 1/4
 DRILLING 415 445 1/2
 SURVEY @ 382 445 500 1/4
 DRILLING 500 530 1/2
 SURVEY @ 410 530 540 1/2
 DRILLING 540 550 3/4
 SURVEY @ 410 550 560 1/2
 DRILLING 560 570 3/4
 SURVEY @ 410 570 580 1/2
 DRILLING 580 590 3/4
 SURVEY @ 410 590 600 1/2
 DRILLING 600 610 3/4
 SURVEY @ 410 610 620 1/2
 DRILLING 620 630 3/4
 SURVEY @ 410 630 640 1/2
 DRILLING 640 650 3/4
 SURVEY @ 410 650 660 1/2
 DRILLING 660 670 3/4
 SURVEY @ 410 670 680 1/2
 DRILLING 680 690 3/4
 SURVEY @ 410 690 700 1/2
 DRILLING 700 710 3/4
 SURVEY @ 410 710 720 1/2
 DRILLING 720 730 3/4
 SURVEY @ 410 730 740 1/2
 DRILLING 740 750 3/4
 SURVEY @ 410 750 760 1/2
 DRILLING 760 770 3/4
 SURVEY @ 410 770 780 1/2
 DRILLING 780 790 3/4
 SURVEY @ 410 790 800 1/2
 DRILLING 800 810 3/4
 SURVEY @ 410 810 820 1/2
 DRILLING 820 830 3/4
 SURVEY @ 410 830 840 1/2
 DRILLING 840 850 3/4
 SURVEY @ 410 850 860 1/2
 DRILLING 860 870 3/4
 SURVEY @ 410 870 880 1/2
 DRILLING 880 890 3/4
 SURVEY @ 410 890 900 1/2
 DRILLING 900 910 3/4
 SURVEY @ 410 910 920 1/2
 DRILLING 920 930 3/4
 SURVEY @ 410 930 940 1/2
 DRILLING 940 950 3/4
 SURVEY @ 410 950 960 1/2
 DRILLING 960 970 3/4
 SURVEY @ 410 970 980 1/2
 DRILLING 980 990 3/4
 SURVEY @ 410 990 1000 1/2
 DRILLING 1000 1010 3/4
 SURVEY @ 410 1010 1020 1/2
 DRILLING 1020 1030 3/4
 SURVEY @ 410 1030 1040 1/2
 DRILLING 1040 1050 3/4
 SURVEY @ 410 1050 1060 1/2
 DRILLING 1060 1070 3/4
 SURVEY @ 410 1070 1080 1/2
 DRILLING 1080 1090 3/4
 SURVEY @ 410 1090 1100 1/2
 DRILLING 1100 1110 3/4
 SURVEY @ 410 1110 1120 1/2
 DRILLING 1120 1130 3/4
 SURVEY @ 410 1130 1140 1/2
 DRILLING 1140 1150 3/4
 SURVEY @ 410 1150 1160 1/2
 DRILLING 1160 1170 3/4
 SURVEY @ 410 1170 1180 1/2
 DRILLING 1180 1190 3/4
 SURVEY @ 410 1190 1200 1/2
 DRILLING 1200 1210 3/4
 SURVEY @ 410 1210 1220 1/2
 DRILLING 1220 1230 3/4
 SURVEY @ 410 1230 1240 1/2
 DRILLING 1240 1250 3/4
 SURVEY @ 410 1250 1260 1/2
 DRILLING 1260 1270 3/4
 SURVEY @ 410 1270 1280 1/2
 DRILLING 1280 1290 3/4
 SURVEY @ 410 1290 1300 1/2
 DRILLING 1300 1310 3/4
 SURVEY @ 410 1310 1320 1/2
 DRILLING 1320 1330 3/4
 SURVEY @ 410 1330 1340 1/2
 DRILLING 1340 1350 3/4
 SURVEY @ 410 1350 1360 1/2
 DRILLING 1360 1370 3/4
 SURVEY @ 410 1370 1380 1/2
 DRILLING 1380 1390 3/4
 SURVEY @ 410 1390 1400 1/2
 DRILLING 1400 1410 3/4
 SURVEY @ 410 1410 1420 1/2
 DRILLING 1420 1430 3/4
 SURVEY @ 410 1430 1440 1/2
 DRILLING 1440 1450 3/4
 SURVEY @ 410 1450 1460 1/2
 DRILLING 1460 1470 3/4
 SURVEY @ 410 1470 1480 1/2
 DRILLING 1480 1490 3/4
 SURVEY @ 410 1490 1500 1/2
 DRILLING 1500 1510 3/4
 SURVEY @ 410 1510 1520 1/2
 DRILLING 1520 1530 3/4
 SURVEY @ 410 1530 1540 1/2
 DRILLING 1540 1550 3/4
 SURVEY @ 410 1550 1560 1/2
 DRILLING 1560 1570 3/4
 SURVEY @ 410 1570 1580 1/2
 DRILLING 1580 1590 3/4
 SURVEY @ 410 1590 1600 1/2
 DRILLING 1600 1610 3/4
 SURVEY @ 410 1610 1620 1/2
 DRILLING 1620 1630 3/4
 SURVEY @ 410 1630 1640 1/2
 DRILLING 1640 1650 3/4
 SURVEY @ 410 1650 1660 1/2
 DRILLING 1660 1670 3/4
 SURVEY @ 410 1670 1680 1/2
 DRILLING 1680 1690 3/4
 SURVEY @ 410 1690 1700 1/2
 DRILLING 1700 1710 3/4
 SURVEY @ 410 1710 1720 1/2
 DRILLING 1720 1730 3/4
 SURVEY @ 410 1730 1740 1/2
 DRILLING 1740 1750 3/4
 SURVEY @ 410 1750 1760 1/2
 DRILLING 1760 1770 3/4
 SURVEY @ 410 1770 1780 1/2
 DRILLING 1780 1790 3/4
 SURVEY @ 410 1790 1800 1/2
 DRILLING 1800 1810 3/4
 SURVEY @ 410 1810 1820 1/2
 DRILLING 1820 1830 3/4
 SURVEY @ 410 1830 1840 1/2
 DRILLING 1840 1850 3/4
 SURVEY @ 410 1850 1860 1/2
 DRILLING 1860 1870 3/4
 SURVEY @ 410 1870 1880 1/2
 DRILLING 1880 1890 3/4
 SURVEY @ 410 1890 1900 1/2
 DRILLING 1900 1910 3/4
 SURVEY @ 410 1910 1920 1/2
 DRILLING 1920 1930 3/4
 SURVEY @ 410 1930 1940 1/2
 DRILLING 1940 1950 3/4
 SURVEY @ 410 1950 1960 1/2
 DRILLING 1960 1970 3/4
 SURVEY @ 410 1970 1980 1/2
 DRILLING 1980 1990 3/4
 SURVEY @ 410 1990 2000 1/2
 DRILLING 2000 2010 3/4
 SURVEY @ 410 2010 2020 1/2
 DRILLING 2020 2030 3/4
 SURVEY @ 410 2030 2040 1/2
 DRILLING 2040 2050 3/4
 SURVEY @ 410 2050 2060 1/2
 DRILLING 2060 2070 3/4
 SURVEY @ 410 2070 2080 1/2
 DRILLING 2080 2090 3/4
 SURVEY @ 410 2090 2100 1/2
 DRILLING 2100 2110 3/4
 SURVEY @ 410 2110 2120 1/2
 DRILLING 2120 2130 3/4
 SURVEY @ 410 2130 2140 1/2
 DRILLING 2140 2150 3/4
 SURVEY @ 410 2150 2160 1/2
 DRILLING 2160 2170 3/4
 SURVEY @ 410 2170 2180 1/2
 DRILLING 2180 2190 3/4
 SURVEY @ 410 2190 2200 1/2
 DRILLING 2200 2210 3/4
 SURVEY @ 410 2210 2220 1/2
 DRILLING 2220 2230 3/4
 SURVEY @ 410 2230 2240 1/2
 DRILLING 2240 2250 3/4
 SURVEY @ 410 2250 2260 1/2
 DRILLING 2260 2270 3/4
 SURVEY @ 410 2270 2280 1/2
 DRILLING 2280 2290 3/4
 SURVEY @ 410 2290 2300 1/2
 DRILLING 2300 2310 3/4
 SURVEY @ 410 2310 2320 1/2
 DRILLING 2320 2330 3/4
 SURVEY @ 410 2330 2340 1/2
 DRILLING 2340 2350 3/4
 SURVEY @ 410 2350 2360 1/2
 DRILLING 2360 2370 3/4
 SURVEY @ 410 2370 2380 1/2
 DRILLING 2380 2390 3/4
 SURVEY @ 410 2390 2400 1/2
 DRILLING 2400 2410 3/4
 SURVEY @ 410 2410 2420 1/2
 DRILLING 2420 2430 3/4
 SURVEY @ 410 2430 2440 1/2
 DRILLING 2440 2450 3/4
 SURVEY @ 410 2450 2460 1/2
 DRILLING 2460 2470 3/4
 SURVEY @ 410 2470 2480 1/2
 DRILLING 2480 2490 3/4
 SURVEY @ 410 2490 2500 1/2
 DRILLING 2500 2510 3/4
 SURVEY @ 410 2510 2520 1/2
 DRILLING 2520 2530 3/4
 SURVEY @ 410 2530 2540 1/2
 DRILLING 2540 2550 3/4
 SURVEY @ 410 2550 2560 1/2
 DRILLING 2560 2570 3/4
 SURVEY @ 410 2570 2580 1/2
 DRILLING 2580 2590 3/4
 SURVEY @ 410 2590 2600 1/2
 DRILLING 2600 2610 3/4
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 DRILLING 2680 2690 3/4
 SURVEY @ 410 2690 2700 1/2
 DRILLING 2700 2710 3/4
 SURVEY @ 410 2710 2720 1/2
 DRILLING 2720 2730 3/4
 SURVEY @ 410 2730 2740 1/2
 DRILLING 2740 2750 3/4
 SURVEY @ 410 2750 2760 1/2
 DRILLING 2760 2770 3/4
 SURVEY @ 410 2770 2780 1/2
 DRILLING 2780 2790 3/4
 SURVEY @ 410 2790 2800 1/2
 DRILLING 2800 2810 3/4
 SURVEY @ 410 2810 2820 1/2
 DRILLING 2820 2830 3/4
 SURVEY @ 410 2830 2840 1/2
 DRILLING 2840 2850 3/4
 SURVEY @ 410 2850 2860 1/2
 DRILLING 2860 2870 3/4
 SURVEY @ 410 2870 2880 1/2
 DRILLING 2880 2890 3/4
 SURVEY @ 410 2890 2900 1/2
 DRILLING 2900 2910 3/4
 SURVEY @ 410 2910 2920 1/2
 DRILLING 2920 2930 3/4
 SURVEY @ 410 2930 2940 1/2
 DRILLING 2940 2950 3/4
 SURVEY @ 410 2950 2960 1/2
 DRILLING 2960 2970 3/4
 SURVEY @ 410 2970 2980 1/2
 DRILLING 2980 2990 3/4
 SURVEY @ 410 2990 3000 1/2
 DRILLING 3000 3010 3/4
 SURVEY @ 410 3010 3020 1/2
 DRILLING 3020 3030 3/4
 SURVEY @ 410 3030 3040 1/2
 DRILLING 3040 3050 3/4
 SURVEY @ 410 3050 3060 1/2
 DRILLING 3060 3070 3/4
 SURVEY @ 410 3070 3080 1/2
 DRILLING 3080 3090 3/4
 SURVEY @ 410 3090 3100 1/2
 DRILLING 3100 3110 3/4
 SURVEY @ 410 3110 3120 1/2
 DRILLING 3120 3130 3/4
 SURVEY @ 410 3130 3140 1/2
 DRILLING 3140 3150 3/4
 SURVEY @ 410 3150 3160 1/2
 DRILLING 3160 3170 3/4
 SURVEY @ 410 3170 3180 1/2
 DRILLING 3180 3190 3/4
 SURVEY @ 410 3190 3200 1/2
 DRILLING 3200 3210 3/4
 SURVEY @ 410 3210 3220 1/2
 DRILLING 3220 3230 3/4
 SURVEY @ 410 3230 3240 1/2
 DRILLING 3240 3250 3/4
 SURVEY @ 410 3250 3260 1/2
 DRILLING 3260 3270 3/4
 SURVEY @ 410 3270 3280 1/2
 DRILLING 3280 3290 3/4
 SURVEY @ 410 3290 3300 1/2
 DRILLING 3300 3310 3/4
 SURVEY @ 410 3310 3320 1/2
 DRILLING 3320 3330 3/4
 SURVEY @ 410 3330 3340 1/2
 DRILLING 3340 3350 3/4
 SURVEY @ 410 3350 3360 1/2
 DRILLING 3360 3370 3/4
 SURVEY @ 410 3370 3380 1/2
 DRILLING 3380 3390 3/4
 SURVEY @ 410 3390 3400 1/2
 DRILLING 3400 3410 3/4
 SURVEY @ 410 3410 3420 1/2
 DRILLING 3420 3430 3/4
 SURVEY @ 410 3430 3440 1/2
 DRILLING 3440 3450 3/4
 SURVEY @ 410 3450 3460 1/2
 DRILLING 3460 3470 3/4
 SURVEY @ 410 3470 3480 1/2
 DRILLING 3480 3490 3/4
 SURVEY @ 410 3490 3500 1/2
 DRILLING 3500 3510 3/4
 SURVEY @ 410 3510 3520 1/2
 DRILLING 3520 3530 3/4
 SURVEY @ 410 3530 3540 1/2
 DRILLING 3540 3550 3/4
 SURVEY @ 410 3550 3560 1/2
 DRILLING 3560 3570 3/4
 SURVEY @ 410 3570 3580 1/2
 DRILLING 3580 3590 3/4
 SURVEY @ 410 3590 3600 1/2
 DRILLING 3600 3610 3/4
 SURVEY @ 410 3610 3620 1/2
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 SURVEY @ 410 3950 3960 1/2
 DRILLING 3960 3970 3/4
 SURVEY @ 410 3970 3980 1/2
 DRILLING 3980 3990 3/4
 SURVEY @ 410 3990 4000 1/2
 DRILLING 4000 4010 3/4
 SURVEY @ 410 4010 4020 1/2
 DRILLING 4020 4030 3/4
 SURVEY @ 410 4030 4040 1/2
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 SURVEY @ 410 4050 4060 1/2
 DRILLING 4060 4070 3/4
 SURVEY @ 410 4070 4080 1/2
 DRILLING 4080 4090 3/4
 SURVEY @ 410 4090 4100 1/2
 DRILLING 4100 4110 3/4
 SURVEY @ 410 4110 4120 1/2
 DRILLING 4120 4130 3/4
 SURVEY @ 410 4130 4140 1/2
 DRILLING 4140 4150 3/4
 SURVEY @ 410 4150 4160 1/2
 DRILLING 4160 4170 3/4
 SURVEY @ 410 4170 4180 1/2
 DRILLING 4180 4190 3/4
 SURVEY @ 410 4190 4200 1/2
 DRILLING 4200 4210 3/4
 SURVEY @ 410 4210 4220 1/2
 DRILLING 4220 4230 3/4
 SURVEY @ 410 4230 4240 1/2
 DRILLING 4240 4250 3/4
 SURVEY @ 410 4250 4260 1/2
 DRILLING 4260 4270 3/4
 SURVEY @ 410 4270 4280 1/2
 DRILLING 4280 4290 3/4
 SURVEY @ 410 4290 4300 1/2
 DRILLING 4300 4310 3/4
 SURVEY @ 410 4310 4320 1/2
 DRILLING 4320 4330 3/4
 SURVEY @ 410 4330 4340 1/2
 DRILLING 4340 4350 3/4
 SURVEY @ 410 4350 4360 1/2
 DRILLING 4360 4370 3/4
 SURVEY @ 410 4370 4380 1/2
 DRILLING 4380 4390 3/4
 SURVEY @ 410 4390 4400 1/2
 DRILLING 4400 4410 3/4
 SURVEY @ 410 4410 4420 1/2
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 DRILLING 4900 4910 3/4
 SURVEY @ 410 4910 4920 1/2
 DRILLING 4920 4930 3/4
 SURVEY @ 410 4930 4940 1/2

COMMONWEALTH DRILLING

DAILY DRILLING LOG
DIRECTION TO WELL

31

INVESTIGATION ROLLY 31

TOUR	MIDNIGHT TO 8 AM	No	Size	Type	Jets W.C.	Serial No.	Wgt	R.P.M.	Drilled ft. (Cover)	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	DRILL COLLARS
		1A	12 1/4	DSS	1-24		8.00	65	502				1	250	65		3 1/2
					2 GP#N												DALG

R.S. ...

MUD	PUMP	PUMP	MOTOR HOURS
WEIGHT			
VISCOSITY			
GEL			
ADDITIONS	GENERAL		

TOUR	8 AM TO 4 PM	No	Size	Type	Jets W.C.	Serial No.	Wgt	R.P.M.	Drilled ft. (Cover)	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	DRILL COLLARS
		1A	12 1/4	DSS	2-28ECL		10	145	128	9 1/4			1	800	60		3 1/2
																	DRILLING

DRILLING ...

MUD	PUMP	PUMP	MOTOR HOURS
WEIGHT			
VISCOSITY			
GEL			
ADDITIONS	GENERAL		

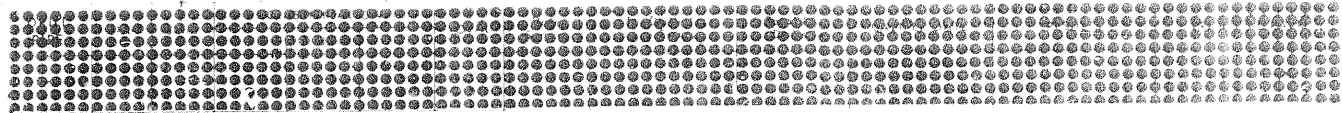
TOUR	4 PM TO MIDNIGHT	No	Size	Type	Jets W.C.	Serial No.	Wgt	R.P.M.	Drilled ft. (Cover)	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	DRILL COLLARS
		1A	12 1/4	DSS	2-12		10	145	211	16			1	800	60		3 1/2
																	DRILLING

DRILLING ...

MUD	PUMP	PUMP	MOTOR HOURS
WEIGHT			
VISCOSITY			
GEL			
ADDITIONS	GENERAL		

CASING REPORT

1A 34



INEXCOR-BRYAN - ROCKY MOUNT G-31

DET-31

DRILL COLLARS										
Drilled or Corrod	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	S	G
502				1	250	65	341			

1 8 3 2615 341

PUMP MOTOR HOURS

R.I.E. TO CORROD
 CRILLING 120'

120' 110' 100' 90' 80' 70' 60' 50' 40' 30' 20' 10'

FIRES

DRILL COLLARS										
Drilled or Corrod	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	S	G
128	94			1	800	60	341			

3 9 2 88465 341

PUMP MOTOR HOURS

ON THINNS

DRILLING SURVEY @ 20' 1/4
 DRILLING

800 1100 2 1/4
 1045 1100 1/4
 1100 1100 5

FIRES

DRILL COLLARS										
Drilled or Corrod	Hrs	Reamed	Hrs	Pump No	Pump Pressure	S.P.M.	Table Torque	T	S	G
211	16			1	800	60	341			

3 9 2 88465 341

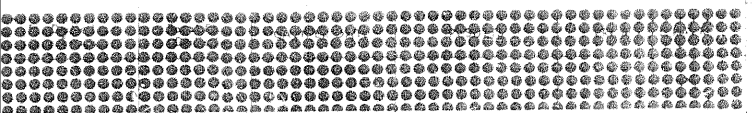
PUMP MOTOR HOURS

SURVEY @ 110' 1/4
 R.I.E. SURV
 DRILLING

1100 1115 1/4
 1115 1120 1/4
 1120 1130 1/4
 1130 1140 1/4
 1140 1150 1/4
 1150 1200 1/4
 1200 1210 1/4

FIRES

CASING REPORT									
TOTAL									



PROG 31 110