

RIG NO. 24

21 1972

D OF AFTERNOON TOUR	
FT.	
FT.	
FT.	
FT.	
FT.	
FT.	
FT.	
FT.	
FT.	
FT.	
FT.	
FT.	
FT.	
FT.	

AFTERNOON TOUR	
FEET	
FEET	
FEET	

HOURS			
P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
TOUR 1		12:00	7:00	WAIT ON CEMENT.
		7:00	7:30	START IN HOLE - TAG PLUG
		7:30	8:00	LAY DOWN PIPE
TOUR 2		8:00	11:00	LAY DOWN PIPE + D.C.
		11:00	4:00	TEAR OUT
TOUR 3				

CEMENTING, TESTING FISHING SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

LAY DOWN DRILLPIPE TORE OUT B.C.P.S AND EQ THE TOP OF THE SURFACE CASING WITH PIPE SA CONSTRUCTION CEMENT BEFORE SCREWING ON THE STEEL CAP.

RELEASED THE RIG @ 3:00 PM FEBRUARY 21, 1972

BIT CONDITION

MUD ENGINEER'S REPORT	
AM	PM
Aik	
Int. Gel	
10 Min. Gel	
WLF C	
pH	
Solid	
CA ppm	
CL ppm	

DEVIATION RECORD		
Kind	Depth	Reading

TOUR REPORT

FIELD **BIRCH**

WELL NAME **Y.T.E-53**

CONTRACTOR **G.P. DRILLING** RIG NO **24**

- DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING

FOR 24 HOURS ENDING 12 MIDNIGHT

Feb 20

1972

DRILLING ASSEMBLY		END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS	D.P.	NO.	FT	NO. 4	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT
SINGLE	D.P.	NO.	FT	NO. 1	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT
X-OVER SUB	O.D.		FT		FT		FT		FT		FT		FT
OTHER	O.D.		FT		FT		FT		FT		FT		FT
DRILL COLLARS	O.D.		FT		FT		FT		FT		FT		FT
DRILL COLLARS	6 7/8 O.D.	NO.	FT	NO. 3	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT
REAMER	O.D.	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT
STABILIZER	O.D.	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT
JARS		KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT
BUMPER SUB		KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT
BIT OR CORE BARREL			FT		FT		FT		FT		FT		FT
TOTAL D.P. & TOOLS			FT		FT		FT		FT		FT		FT
KELLY DOWN (BELOW R.B.)			FT		FT		FT		FT		FT		FT
DEPTH OF TOOLS			FT		FT		FT		FT		FT		FT

TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR			
DEPTH END OF TOUR				FEET				FEET				FEET
DEPTH START OF TOUR				FEET				FEET				FEET
FOOTAGE DRILLED				FEET				FEET				FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.	
PUMP	/											
ROTARY SPEED	/											
WEIGHT ON BIT	/											
MUD WEIGHT	/											
VISCOSITY	/											
W.L.F.C.	/											
p.H.	/											
MUD LEVEL IN TANKS	/											

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 3/32	TOTAL HOURS	FROM	TO	FT. HR.	BIT CONDITION
18R	8 7/8	136391	H.W. XDV	3-12	1/2	340	346	6	

CORE No	No	DST No	FROM		TO		MUD ENGINEER'S REPORT					
			TYPE	PREFLOW	mins	IHP	ps	I.F.P.	ps	Time	API	Aik
			FROM	ISI	mins	FHP	ps	F.F.P.	ps	Mud Wt	Int. Ge	10 Min. Gr
			TO	VO	mins	ISIP	ps	GTS	mins	Visc	W.L.F.C.	
			Recovery	FSI	mins	F.S.I.P	ps	F.T.S	mins	AV	pH	
			HOURS	RECOVERY						PV		

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD Kind Depth Reading
	DRILLER	JOHN MAIDNEY	R. BEAUDRI		CLIFF BROWN
DERRICKMAN	CARL HILGREN	R. LIGHTFOOT	GREG PITMAN	
HELPER	RAUL HICKS	D. JARLOWSKI	BOB LEE	
HELPER	DANE DAVIDSON	O. ZEMLAK	CHARLES BEGS	
HELPER	TIM MARSHALL	PINDOWICK	GREG PITMAN	
FIREMAN				
TOOL PUSHER				

MUD and CHEMICAL	Kind
	TOUR 1
	TOUR 2
	TOUR 3

Feb 20th
FUEL 2
13" RC
(Mud)
RAN AB
OF 84 3
CEMENT
PRECEDED
FOLLOWED
W.O.C
RAN IN
5:23
RE-RAN
CONSTRUCT
TO 5:23
PRE-CEDED
CEMENT
MUD
W.O.C

1972

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
TOUR 1				
FT		12:05	12:42	RAN PLUG #4 HOIST OUT. CLEAN MUD TANK ETC
FT		12:45	1:15	
FT		1:5	8:00	
FT				
TOUR 2				
FT		8:00	9:30	RAN IN FELT PLUG & Lay DOWN 4 ITS MAKE UP KELLY & PICK 3 D. COLLARS MAKE UP BIT, RUN IN 4 STDS P.P.C.R. DRILL OUT PLUG @ 540'
FT		9:30	12:30	
FT		12:30	3:00	
FT		3:30	4:00	
TOUR 3				
FT		4:00	4:15	RIG SERVO DRILL OUT CEMENT HOIST STAND BACK COLLARS RIG TO CEMENT PLUG RIG TO + Pump PLUG
FEET		4:15	8:15	
FEET		8:15	9:15	
FEET		9:15	12:00	
HOURS				
12:00 P.M.				

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Feb 20th PRIOR TO RUNNING PLUG #4 TAC FORMATION
 FUEL 2058 GALS BELOW SURFACE CSC SLEEVE WAS FRACTURED LEAVING
 13" RESERVE. @ 1400 PS AND 150 @ 1.5 BBL @ 1000 PS FOR
 (Mud Wt. 9.0) 4 MIN. STATIC PRESSURE HELD @ 900 PS FOR 5 MIN.
 RAN ABANDONMENT PLUG #4 780-680 PLUG CONSISTED
 OF 84 SACK CONSTRUCTION CEMENT PLUS 3% CaCl₂. MIXED
 CEMENT TO 15.6 #/gal SLURRY IN 5 MIN FROM 12:20 TO 12:25.
 PRECEDED PLUG WITH 5 BBL WATER AND DISPLACED IT WITH 1.5 BBL
 FOLLOWED BY 6 BBL OF 9.0 #/gal MUD.
 W.O.C. 8 HR. CONFIRMED PLUG @ 534' 146 TUB HIGH
 RAN IN WITH BIT AND DRILLED OUT CEMENT FROM 516 - 670'.
 EAST 23' OF CEMENT WAS SOFTLY CONTAMINATED AND THE REMAINDER
 HARD.
 RERAN PLUG #4 (780-680). PLUG CONSISTED OF 81 SACK
 CONSTRUCTION CEMENT PLUS 3% CaCl₂. MIXED CEMENT
 TO 15.6 LI. 7 #/gal SLURRY IN 6 MINUTES FROM 10:19 TO 20.
 PRECEDED PLUG WITH 5 BBL H₂O FOLLOWED BY THE 14.5 BBL
 CEMENT AND DISPLACED WITH 1.5 BBL WATER AND 5.5 BBL 9 #/gal
 MUD. C.T.P. @ 10:25 PM FEB 20, 1972.
 W.O.C. 8 HR. CONFIRMED PLUG #4 @ 640 FT. - 40 HIGH.

J.M. Pandachew
 SIGNATURE COMPANY ENGINEER

TOUR REPORT

CONTRACTOR **GP DRILLING** RIG NO **24**

FIELD **BIRCH**

WELL NAME **Y-T-E-53** LSD

SEC

TWP

Rge

W

DRILLING DEEPENING COMPLETING

REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT

July 19

1972

MUD and CHEMICAL Kind

DRILLING ASSEMBLY		END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
SINGLE	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
X-OVER SUB	O.D.		FT.		FT.		FT.		FT.		FT.		FT.
OTHER	O.D.		FT.		FT.		FT.		FT.		FT.		FT.
DRILL COLLARS	O.D.		FT.		FT.		FT.		FT.		FT.		FT.
DRILL COLLARS	O.D.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
REAMER	O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
STABILIZER	O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
JARS		KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
BUMPER SUB		KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
BIT OR CORE BARREL			FT.		FT.		FT.		FT.		FT.		FT.
TOTAL D.P. & TOOLS			FT.		FT.		FT.		FT.		FT.		FT.
KELLY DOWN (BELOW R.B.)			FT.		FT.		FT.		FT.		FT.		FT.
DEPTH OF TOOLS			FT.		FT.		FT.		FT.		FT.		FT.

TOUR 1

TOUR 2

TOUR 3

TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR			
DEPTH END OF TOUR				FEET				FEET				FEET
DEPTH START OF TOUR				FEET				FEET				FEET
FOOTAGE DRILLED				FEET				FEET				FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP	s.p.m.	p.s.i.										
ROTARY SPEED	R.P.M.											
WEIGHT ON BIT	M.lbs.											
MUD WEIGHT	lb/gal											
VISCOSITY	sec/qt											
W.L./F.C.	cc/32nd											
p.H.												
MUD LEVEL IN TANKS	Ft.-Ins.											

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FEET HR	BIT CONDITION

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT				
TYPE		PREFLOW	mins	IHP	ps.	I.F.P.	ps.	Time	ΔM
FROM		ISI	mins	FHP	ps.	F.F.P.	ps.	Mud Wt	Int. Gel
TO		VO	mins	ISIP	ps.	G.T.S.	mins.	Visc	W.L.F.C.
Recovery		FSI	mins	F.S.I.P.	ps.	F.T.S.	mins.	A.V.	p.H.
HOURS		RECOVERY						P.V.	Sand

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER	<i>John Melony</i>	<i>R. BEAUDRI</i>	<i>CLIFF BROWN</i>	Kind	Depth	Reading
DERRICKMAN	<i>Paul Higgins</i>	<i>R. LIGHT FOOT</i>				
HELPER	<i>Ralph Hicks</i>	<i>A. YABLONSKI</i>	<i>Bob LEE</i>			
HELPER	<i>Kore Daugherty</i>	<i>J. THOMAS</i>	<i>CHARLES BEGGS</i>			
HELPER	<i>Jim Marshall</i>	<i>J. PETERS</i>				

RAN
 CONSISTE
 MIXED T
 FROM 1:19
 WATER A
 B 28 BB
 W.O.C.
 PLUG 20
 3% CaCl
 FROM 2'
 AND DISPE
 OF 9.0 P/S
 W.O.C.
 RAN
 CONSISTE
 MIXED C
 1:19 PM
 FOLLOWED
 5 BBL
 FEB 19,
 W.O.
 ALL
 SKID U

CR Thomas

1972

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
TOUR 1		1200	1245	THROW OUT DEELY & Kelly Hose.
		1245	130	CIRC.
		130	200	RUN PLUG #1
		200	245	HOIST 1 STD + RUN PLUG #2
		245	300	HOIST 10 STDs + CIRC
TOUR 2		800	1100	CIRC.
		1100	1115	RUN IN, FEEL PLUG
		1115	1150	HOIST 5 STDs, PUT ON KELLY HOSE, CIRC
		1150	1200	RUN PLUG, PLUG DOWN 130 P.M.
		1200	300	PULL 3 STDs + LAY DOWN 24 STDs
		300	400	CIRC
TOUR 3		400		CIRC W/O CEMENT

CEMENTING, TESTING, FISHING SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

RAN ABANDONMENT PLUG #1 TD. - 2170 ~~2170~~, PLUG CONSISTED OF 50 SAK CONSTRUCTION CEMENT PLUS NOTHING. MIXED TO CEMENT TO 15.3 - 15.6 ^{lb}/gal SLURRY IN 5 MINUTES FROM 1:45 PM TO 1:50 PM. PRECEDED PLUG WITH 5 BBL OF WATER AND DISPLACED CEMENT WITH 1.5 BBL WATER FOLLOWED BY 28 BBL OF MUD 9.0 ^{lb}/gal C.I.P. @ 2:00 AM FEB. 19, 1972.

~~W.O.C.~~ RAN ABANDONMENT PLUG #2 2190 - 2000 ~~(2190)~~ PLUG CONSISTED OF 90 SAK CONSTRUCTION CEMENT PLUS 3% CaCl₂ MIXED TO 15.2 - 15.5 ^{lb}/gal SLURRY IN 13 MINUTES FROM 2:45 AM TO 2:58 AM. PRECEDED PLUG WITH 5 BBL OF WATER AND DISPLACED CEMENT WITH 1.5 BBL WATER FOLLOWED BY 25 BBL OF 9.0 ^{lb}/gal MUD. C.I.P. @ 3:05 AM FEB. 19, 1972.

W.O.C. 8 HR CONFIRMED PLUG #2 @ 1978 - 22 HIGH.

RAN ABANDONMENT PLUG #3 1400 - 1250 ~~(1350)~~, PLUG CONSISTED OF 120 SAK CONSTRUCTION CEMENT PLUS 3% CaCl₂ MIXED CEMENT TO 15.4 - 15.6 ^{lb}/gal SLURRY IN 11 MINUTES FROM 1:19 PM TO 1:30 PM. PRECEDED PLUG WITH 5 BBL WATER FOLLOWED BY THE 26 BBL OF CEMENT WHICH WAS DISPLACED BY 1.5 BBL OF WATER AND 13.5 BBL OF 9.0 ^{lb}/gal MUD. C.I.P. @ 1:38 PM FEB. 19, 1972.

W.O.C. 8 HR. CONFIRMED PLUG #3 @ 1273 - 23 LOW.

ALL FOUR PLUGS WERE MIXED AND DISPLACED WITH B.J. SKID UNIT.

J.P. Pandachuck

SIGNATURE COMPANY ENGINEER

TOUR REPORT

FIELD **BIRCH**

WELL NAME **Y-E-53**

CONTRACTOR **GP DRILLING** RIG NO **24**

DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING

FOR 24 HOURS ENDING 12 MIDNIGHT **FEB 18 1972**

A.M.D. and CHEMICALS

DRILLING ASSEMBLY		END OF MORNING TOUR			END OF DAYLIGHT TOUR			END OF AFTERNOON TOUR		
STANDS	D.P.	NO. 18	1695	74 FT	NO. 18	1695	74 FT	NO.		FT
SINGLE	D.P.	NO. 2	612	7 FT	NO. 2	612	7 FT	NO.		FT
X-OVER SUB	O.D.	1	300	FT		300	FT			FT
OTHER	O.D.			FT			FT			FT
DRILL COLLARS	O.D.	5" H 90	15	4640	1 FT		4640	1 FT		FT
DRILL COLLARS	O.D.	NO.		FT	NO.		FT	NO.		FT
REAMER	O.D.	KIND		FT	KIND		FT	KIND		FT
STABILIZER	O.D.	KIND		FT	KIND		FT	KIND		FT
JARS		KIND		FT	KIND		FT	KIND		FT
BUMPER SUB.		KIND		FT	KIND		FT	KIND		FT
BIT OR CORE BARREL				FT			FT			FT
TOTAL D.P. & TOOLS			2224	02 FT		2224	02 FT			FT
KELLY DOWN (BELOW R.B.)			2100	FT		2100	FT			FT
DEPTH OF TOOLS			2245	02 FT		2245	02 FT			FT

Tour	Kind
TOUR 1	
TOUR 2	
TOUR 3	

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	2245 FEET	2 FEET	FEET
DEPTH START OF TOUR	2245 FEET	2245 FEET	FEET
FOOTAGE DRILLED	0 FEET	FEET	FEET

	HOURS						HOURS					
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP	S.P.M. 56 P.S.I. 600	56 600	56 600	56 600	56 600	56 600	56 600	56 600	56 600	56 600	56 600	56 600
ROTARY SPEED	R.P.M. CIRC	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC
WEIGHT ON BIT	M. lbs. CIRC	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC	CIRC
MUD WEIGHT	lb/gal 9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
VISCOSITY	sec/qt 55	58	58	68	66	66	66	66	66	66	66	66
W.L./F.C.	c.c./32nd 1.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
p.H.	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
MUD LEVEL IN TANKS	Ft.-Ins.											

SPAC RIG RESC

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FEET HR	BIT CONDITION
17	8 3/4	343062	SEC S88	3-14	54 3/4	1910	2245	335	

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT		
					Time	AM	PM
					Mud Wt	1st Gr.	10 Min. Gr.
					Visc	W.L.F.C.	
					A.V.	p.H.	
					P.V.	Sound	
						CA. ppm	CL. ppm

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER	JOHN MALONEY	R. BEAUDRY	J. MALONEY	Kind	Depth	Reading
DERRICKSMAN	CARL HILGREN	R. LIGHTFOOT	C. HILGREN	TOTCO	2245	2 3/4
HELPER	RALPH HICKS	M. JABLONSKI	R. HICKS			
HELPER	JANE DAVIDSON	E. THOMAS	J. DAVIDSON			
HELPER	TIM MARSHALL	E. PETERS	J. MARSHALL			
FIREMAN						
TOOL PUSHER						

1972

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
TOUR 1		12 ⁰⁰		CIRC & WAIT ON ORDERS CONDITION MADE.
FT.			8 ⁰⁰	
FT.	CEC			
FT.	1000 ⁰⁰			
FT.				
FT.				
TOUR 2		8 ⁰⁰	4 ⁰⁰	CIRC, WAIT ON ORDERS
FT.				
FT.				
FT.				
FT.				
FT.				
TOUR 3				CIRC WAIT ON ORDERS SLOW KELLY TOWN OUT RAT HOLE HOIST DRILL PIPE. LAY DOWN DRILL COLLARS RUN IN OPEN END PICK UP 15 SINGLES SHOW OUT KELLY + KELLY HOSE.
FEET		7 ³⁰	9 ¹⁵	
FEET		9 ⁵⁵	10 ³⁰	
FEET		10 ³⁰	11 ¹⁵	
FEET		11 ¹⁵	12 ⁰⁰	
HOURS				
12 00 P.M.				

CEMENTING TESTING FISHING SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

FUEL ~~200~~ 700
 BIG TANK 2756 GALS
 RESERVE 13"

ION
 PORT
 Get
 (M)
 (M)
 Reading
 23/4

M. J. Sandachuel
 SIGNATURE COMPANY ENGINEER

TOUR REPORT

FIELD **BIRCH**

WELL NAME **YT-E-53**

CONTRACTOR **G.P. Drilling** RIG NO **24**

DRILLING DEEPENING COMPLETING

REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT **FEB 17**

182

MUD and CHEMICALS Kind

DRILLING ASSEMBLY		END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS	D.P.	NO. 18	169	574	FT	NO. 18	169	574	FT	NO. 18	169	574	FT
SINGLE	D.P.	NO. 2	61	27	FT	NO	61	27	FT	NO	61	27	FT
X-OVER SUB	O.D.	1	300		FT		300		FT		300		FT
OTHER	O.D.				FT				FT				FT
DRILL COLLARS	O.D.	15	464	01	FT		464	01	FT		464	01	FT
DRILL COLLARS	O.D.	NO.			FT	NO			FT	NO			FT
REAMER	O.D.	KIND			FT	KIND			FT	KIND			FT
STABILIZER	O.D.	KIND			FT	KIND			FT	KIND			FT
JARS		KIND			FT	KIND			FT	KIND			FT
BUMPER SUB		KIND			FT	KIND			FT	KIND			FT
BIT OR CORE BARREL					FT				FT				FT
TOTAL D.P. & TOOLS			2224	02	FT		2224	02	FT		2224	02	FT
KELLY DOWN (BELOW R.B.)			2100		FT		2100		FT		2100		FT
DEPTH OF TOOLS			2245	02	FT		2245	02	FT		2245	02	FT
TOUR		MORNING TOUR			DAYLIGHT TOUR			AFTERNOON TOUR					
DEPTH END OF TOUR			2245		FEET		2245		FEET		2245		FEET
DEPTH START OF TOUR			2245		FEET		2245		FEET				FEET
FOOTAGE DRILLED			0		FEET		0		FEET				FEET

TOUR 1

TOUR 2

TOUR 3

DAY WORK	HOURS				HOURS				HOURS				
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:30 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.	
PUMP	S.P.M. P.S.I.	64 900	55 600	55 600	55 600					55 600	55 600	55 600	55 600
ROTARY SPEED	R.P.M.												
WEIGHT ON BIT	M lbs.												
MUD WEIGHT	lb/gal	9.1	9.2	9.1	9.1	9.7	9.7	9.1	9.1	9.2	9.2	9.2	9.2
VISCOSITY	sec/qt	80	81	79	79	77	75	75	75	85	63	63	63
W.L.F.C.	c.c./32nd	7.2	7.2	7.2	7.2	6.5	6.5	6.5	6.5				
p.H.		9.5	9.5	9.5	9.5	9	9	9	9				
MUD LEVEL IN TANKS	Ft.-Ins.	4FT IN TANK											

FUEL ON STORAGE RIG TANK

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FEET HR	BIT CONDITION
17	8 3/4	343062	SECSBY	3-14	5434	1910	2245	335	

CORE No.	No.	DST No	FROM		TO		MUD ENGINEER'S REPORT				
			PREFLOW	mins	I.H.P.	p.s.i.	I.F.P.	p.s.i.	Time	A.M. PSI	AK
			IS.I	mins	F.H.P.	p.s.i.	F.F.P.	p.s.i.	Mud Wt	10 Min. Gel	
			VO	mins	I.S.I.P.	p.s.i.	G.T.S.	mins.	Visc	W.L.F.C.	
			FSI	mins	F.S.I.P.	p.s.i.	F.T.S.	mins.	A.V	p.H.	
			RECOVERY						F.V	Scud	
									Y.P	CA. ppm	CL. ppm

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
				Kind	Depth	Reading
DRILLER	<i>Lyly Tyson</i>	JOHN MALONEY	R. BEAUDRY			
DERRICKMAN	<i>Pat Falsier</i>	SEEG PITTMAN	R. LIGHTFOOT	ToKo	2245	2 3/4
HELPER	<i>Richard Wagner</i>	RAITH TUCKS	M. YABLONSKI			
HELPER	<i>Albert Hall Norway</i>	KANE DAVIDSON	THOMAS			
HELPER	<i>Ron Lindlater</i>	TIM MARSHALL	S. PETERS			
FIREMAN						
PUSHER	<i>Bob Hanon</i>					

OTHER HOURLY OPERATING DETAIL
WORK DONE

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
TOUR 1		1200	130	Run in w/ BIT Rig SER. Circ WAIT ON ORDERS.
74 FT		130	145	
57 FT		145	800	
00 FT				
TOUR 2		800	400	Circ & WAIT ON ORDERS
01 FT				
01 FT				
01 FT				
TOUR 3		400	800	Circ & WAIT ON ORDERS
02 FT				
00 FT				
02 FT				

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

FUEL ON HAND 8 AM FEB 17 1944
STORAGE TANK 42"
RIG TANK ~~2~~ 9 GALS 835

DITION

REPORT

gel.
in. Gel

F.C.

pp.m
pp.m.

RD

Reading

2 3/4

J. W. Padackuel
SIGNATURE COMPANY ENGINEER

TOUR REPORT

FIELD **BIRCH**

WELL NAME **TT-F-53**

CONTRACTOR **G.P. Drilling**

RIG NO **24**

DRILLING DEEPENING COMPLETING

LSD SEC TWP Rge W

Rge W

REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT

FEB 16

1972

MUD and CHEMICALS Kind

DRILLING ASSEMBLY		END OF MORNING TOUR			END OF DAYLIGHT TOUR			END OF AFTERNOON TOUR												
STANDS	D.P.	NO. 18	169	574	FT	NO. 18	169	574	FT	NO										
SINGLE	D.P.	NO. 2		61	27	FT	NO. 2		61	27	FT	NO								
Y-OVER SUB	O.D.			300	FT			300	FT											
OTHER	O.D.				FT				FT											
DRILL COLLARS	O.D.	5" 1.90	15	464	01	FT	15	464	01	FT										
DRILL COLLARS	O.D.	NO.			FT	NO.			FT	NO										
REAMER	O.D.	KIND			FT	KIND			FT	KIND										
STABILIZER	O.D.	KIND			FT	KIND			FT	KIND										
JARS		KIND			FT	KIND			FT	KIND										
BUMPER SUB		KIND			FT	KIND			FT	KIND										
BIT OR CORE BARREL					FT				FT											
TOTAL D.P. & TOOLS				222	402	FT			222	402	FT									
KELLY DOWN (BELOW R.B.)				21	00	FT			21	00	FT									
DEPTH OF TOOLS				224	502	FT			224	502	FT									

TOUR 1	TOUR 2	TOUR 3
GEA CMC Reg.		

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	2245 FEET	2245 FEET	
DEPTH START OF TOUR	2245 FEET	2245 FEET	
FOOTAGE DRILLED	0 FEET		

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP	64 910 64 900											
ROTARY SPEED												
WEIGHT ON BIT												
MUD WEIGHT	9.2 9.2											
VISCOSITY	110 160											
W.L./F.C.	6 2 6 2											
p.H.	9.5 9.5											
MUD LEVEL IN TANKS												

LOGGING

- RAN 5**
- DUAL
 - BHC
 - FORM
 - SIDE
 - GAM
 - C.S.T.

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FEET HR	BIT CONDITION
17	8 3/4	343062	Sec. 588	3-14	54 3/4	1910	2245	335	IN

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT				
TYPE		PREFLOW	mins	FHP	psi	FEP	psi	Time	AM PM
FROM		ISI	mins	FHP	psi	FEP	psi	Mud Wt	Int. Gel 10 Min. Gel
TO		VO	mins	ISI.P	psi	GTS	mins	Visc	WLF.C
Recovery		F.S.I	mins	F.S.I.P	psi	F.T.S	mins	A.V	p.H
HOURS		RECOVERY						P.V	Sand

RIGGED TO CIRCU

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
				Kind	Depth	Reading
DRILLER	<i>Lesley Taper</i>	JOHN MALONEY	R. BEAUDRI			
DERRICKMAN	<i>Pat Fabrice</i>	GREG PITTMAN	R. LIGHTFOOT	TotCo	2243	2 3/4
HELPER	<i>Richard Taper</i>	RAEHL HICKS	M. YAGLOWSKI			
HELPER	<i>Albert Gellerman</i>	LANE DAVIDSON	J. THOMAS			
HELPER	<i>Ron Benkater</i>	JIM MARSHALL	J. PETERS			
FIREMAN						
TOOL PUSHER	<i>Red Hambro</i>					

Not

MUD and CHEMICALS ADDED			OTHER HOURLY OPERATING DETAIL		
			WORK DONE		
1972	Kind	Amount	From	To	
TOUR	TOUR 1		1200	100	FINISH D.C. FALL ACROSS DERRICK CAUGHT
FT.	GGA	2 Bags	100	230	UNOVR GURT IN DERRICK
FT.	CMC Reg.	3 Bags	230	630	RUN IN W/ BIT SLOW
FT.			630	700	CLEAN 104 FT. OF FILL TO BOTTOM
FT.			700	715	10 STAND DUMMY TRIP
FT.			715	745	LET STAND FOR 15 MIN. RIG SET
FT.			745	800	RUN IN NO FILL ON BOTTOM
FT.					CIRC
FT.	TOUR 2		800	830	CIRC
FT.			830	1000	BLOW KELLY + HOIST OUT (SLOW)
FT.			1000	400	RIG UP SCHLUMBERGER + LOGGING
FT.					
FT.					
FT.					
FT.					
FT.	TOUR 3		400	1030	LOGGING
FT.			1030	1115	W.O.O
FT.			1115	1200	MAKE-UP BIT - RUN IN

CEMENTING TESTING FISHING SPECIAL JOB DETAILS INCLUDING ENGINEERING SUMMARIES

RAN SCHLUMBERGER LOGS AS FOLLOWS:

1. DUAL INDUCTION LATERAL LOG T.D. - 732
2. BHC SONIC / GAMMA RAY T.D. - 732
3. FORMATION DENSITY COMPENSATED T.D. - 732
4. SIDEWALL NEUTRON POROSITY - T.D. - 732
5. GAMMA RAY NEUTRON - T.D. - SURFACE
6. C.S.T. (SIDEWALL CORES) REC 22/24

RIGGED OUT SCHLUMBERGER AND RAN IN WITH BIT TO CIRCULATED AND WAIT ON ORDERS.

NOTE: LOGGERS T.D. 2242, 3 OF FILL.

P. N. Pandachuck
SIGNATURE COMPANY ENGINEER

Reading
234

TOUR REPORT

CONTRACTOR **G.P. Drilling**

RIG NO **24**

FIELD **BIRCH**

WELL NAME **Y.F.E. 53**

LSD

SEC

TWP

Rur

W

- DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING

FOR 24 HOURS ENDING 12 MIDNIGHT **FEB 15**

1972

MUD and CHEMICAL

Kind

DRILLING ASSEMBLY		END OF MORNING TOUR		END OF DAYLIGHT TOUR		END OF AFTERNOON TOUR	
STANDS	D.P.	NO. 18	169574 FT	NO. 18	119574 FT	NO. 18	119574 FT
SINGLE	D.P.	NO. 2	6127 FT	NO. 2	6127 FT	NO. 2	6127 FT
X-OVER SUB	O.D.	1	300 FT	1	300 FT		300 FT
OTHER	O.D.						
DRILL COLLARS	O.D.	15	46401 FT	15	46401 FT	15	46401 FT
DRILL COLLARS	O.D.	NO.	FT	NO.	FT	NO.	FT
REAMER	O.D.	KIND	FT	KIND	FT	KIND	FT
STABILIZER	O.D.	KIND	FT	KIND	FT	KIND	FT
JARS		KIND	FT	KIND	FT	KIND	FT
BUMPER SUB		KIND	FT	KIND	FT	KIND	FT
BIT OR CORE BARREL			FT		FT		FT
TOTAL D.P. & TOOLS			222402 FT		222402 FT		222402 FT
KELLY DOWN (BELOW R.B.)			2100 FT		2100 FT		2100 FT
DEPTH OF TOOLS			224502 FT		224502 FT		224502 FT

TOUR 1
G&L
CMC Rig.
CAUSTIC

TOUR 2

TOUR 3

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR			
DEPTH START OF TOUR	2245 FEET	2245 FEET	2245 FEET
FOOTAGE DRILLED			

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP	6" 900 W' 900	6" 900	6" 900	6" 900					6" 900			
ROTARY SPEED	R.P.M.											
WEIGHT ON BIT	M lbs.											
MUD WEIGHT	lb/gal	9.1	9.1	9.1	9.1				9.1			
VISCOSITY	sec/qt	87	85	85	135				95			
W.L./F.C.	c.c./32nd	10.2	10.2	8.2	8.2				16.2			
p.H.		10	10	10	10				10			
MUD LEVEL IN TANKS	Ft.-ins.	4FT OF MUD IN TANK										

Field on Hand
12:45 Feb 15
Reg. Tank

TALLY BOARD OFF

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	TOTAL BIT FOOTAGE	FT HR	BIT CONDITION
17	8 3/4	343062	SEL 588	3-14	54 3/4	1910	2245	335		

CORE No.	No.	DST No.	FROM				TO				MUD ENGINEER'S REPORT			
			PREFLOW	mins.	I.H.P.	p.s.i.	I.F.P.	p.s.i.	Time	AM	PM	AK		
FROM			I.S.I.	mins.	F.H.P.	p.s.i.	F.F.P.	p.s.i.	Mud Wt				Int Get	10 Min Get
TO			V.O.	mins.	I.S.I.P.	p.s.i.	G.T.S.	mins.	Visc				W.L.F.C.	
Recovery			F.S.I.	mins.	F.S.I.P.	p.s.i.	F.T.S.	mins.	A.V.				pH	
HOURS			RECOVERY						P.V.				Solid	

BUILT INTO 540 3 STAND PROBLEM HIT A MADE PO HIT A MADE VIS PUMM

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	Y.P.	DEVIATION RECORD		
					Kind	Depth	Reading
DRILLER	<i>John Maloney</i>	<i>John Maloney</i>	<i>R. BEAUDAT</i>				
DERRICKMAN	<i>Phil Jaeger</i>		<i>R. LIGHTFOOT</i>		2245	2 3/4	
HELPER	<i>Richard J. ...</i>	<i>Ralph Hicks</i>	<i>M. JABLONSKI</i>				
HELPER	<i>Albert ...</i>	<i>LANE DAVIDSON</i>	<i>G. DITTMAN</i>				
HELPER	<i>Ron ...</i>	<i>Jim MARSHALL</i>	<i>J. THOMAS</i>				
FIREMAN		<i>Joel Peter</i>					
COOL PUSHER	<i>...</i>						

15

OTHER HOURLY OPERATING DETAIL
WORK DONE

MUD and CHEMICALS ADDED		From	To	MIX MUD CONN HOLE WORK P.P. + RIG SER.
Kind	Amount			
1972		12 ⁰⁰		
OUR	TOUR 1		7 ⁰⁰	
74	Gel	46 SAKS		
27	CIRG Rig.	50#	8 ⁰⁰	Pump OUT 3 Stands Show Kinky + Hoist OUT
00	CAUSTIC	50#		
01				
	TOUR 2	8 ²⁰	9 ³⁰	DUMMY TRIP 17 SIDS
		9 ³⁰	10 ⁰⁰	CIRC.
		10 ⁰⁰	10 ³⁰	RIG SERVICE + SURVEY
		10 ³⁰	11 ¹⁵	CIRC.
		11 ¹⁵	12 ⁴⁵	HOIST OUT (DOUBLE MEASURE)
		12 ⁴⁵	1 ⁴⁵	BREAK DOWN CORE BARREL + LAY DOWN SOME
02		1 ⁴⁵	3 ¹⁵	RIG UP SCHUMBERGER + LOG BRIDGE OFF @ 2100'
02	TOUR 3	3 ¹⁵	4 ⁰⁰	RAN IN TO CLEAN OUT.
JR		4 ⁰⁰	4 ⁴⁵	FINISH IN
FEET		4 ⁴⁵	6 ³⁰	CLEAN 140' TO BOTTOM
FEET		6 ³⁰	8 ⁰⁰	CIRC + COND HOLE
FEET		8 ⁰⁰	10 ⁰⁰	HOIST OUT
HOURS		10 ⁰⁰	11 ¹⁵	RIG UP LOGGERS + LOG BRIDGE OFF @ 2145
M 12 00 P.M.		11 ¹⁵	12 ⁰⁰	RAN IN TO CLEAN OUT

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Fuel on Hand

12:45 Feb 15TH Storage Tank 56 inches

Rig Tank 2518 gals

NOTE:

TALLY - 2265.63

BOARD - 2264.68

DIFF .95

GEOLOGIST AND MAIN LOGGER
WENT OUT TO EDMONTON ON 7:45
THIS AFTERNOON FEBRUARY 15, 1972.

BUILT VISCOSITY UP TO 135 SEC/GT. AND DUMMY TRIPPED
INTO SURFACE CASING. THE HOLE WAS VERY TIGHT. FIRE
3 STANDS HAD TO BE PUMPED OUT. RAN IN WITH NO
PROBLEM CIRCULATED 1/4 HR AND P.O.H. TO 400.
HIT A BRIDGE @ 2100 WITH LOGGING TOOL.
MADE CLEANOUT TRIP #1, 140 FILL CIRCULATED 1 1/2 HR
P.O.H. WITH 95 SEC/GT. VIS.

HIT A BRIDGE @ 2145 WITH LOGGING TOOL.
MADE CLEANOUT TRIP #2, 104 FILL ON BOTTOM. BUILT
VISCOSITY UP TO 135 SEC/GT. P.O.H. 10 STANDS FOR
DUMMY TRIP. NO FILL ON BOTTOM. P.O.H. TO LOG.

P. J. Vandaeke
SIGNATURE COMPANY ENGINEER

SIGNATURE COMPANY ENGINEER

TOUR REPORT

FIELD **Birch**

WELL NAME **YT-E-53**

CONTRACTOR **G.P. Drilling** RIG NO **24**

DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING

LSD SEC TWP Rpt W
 FOR 24 HOURS ENDING 12 MIDNIGHT **FEB 14 1972**

MUD and CHEMICAL Kind

DRILLING ASSEMBLY		END OF MORNING TOUR			END OF DAYLIGHT TOUR			END OF AFTERNOON TOUR		
STANDS	D.P.	NO. 18	169574	FT	NO. 169574	FT	NO. 18	169574	FT	
SINGLE	D.P.	NO. 1		FT	NO. 6127	FT	NO. 2	6127	FT	
X-OVER SUB	O.D.		300	FT	300	FT		300	FT	
OTHER	O.D.			FT		FT			FT	
DRILL COLLARS	O.D.	NO. 15	46401	FT	NO. 15	46401	FT	NO. 15	46401	
DRILL COLLARS	O.D.	NO.		FT	NO.		FT	NO.		
REAMER	O.D.	KIND		FT	KIND		FT	KIND		
STABILIZER	O.L.	KIND		FT	KIND		FT	KIND		
JARS		KIND		FT	KIND		FT	KIND		
BUMPER SUB		KIND		FT	KIND		FT	KIND		
BIT OR CORE BARREL				FT			FT			
TOTAL D.P. & TOOLS			216275	FT	222402	FT		222402	FT	
KELLY DOWN (BELOW R.B.)			4064	FT	1700	FT		2100	FT	
DEPTH OF TOOLS			220339	FT	224102	FT		224502	FT	
TOUR		MORNING TOUR			DAYLIGHT TOUR			AFTERNOON TOUR		
DEPTH END OF TOUR			2203	FEET		2241	FEET		2245	FEET
DEPTH START OF TOUR			2156	FEET		2203	FEET		2241	FEET
FOOTAGE DRILLED			47	FEET		38	FEET		4	FEET

TOUR 1
 TOUR 2
 TOUR 3
GEL

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP	S.P.M. 64/900	64/900	64/900	64/900	64/900	64/900	64/900	64/900			64/900	
ROTARY SPEED	R.P.M. 45	45	45	45	45	45	45-56	45-56				
WEIGHT ON BIT	M.lbs. 30	30	30	30	30	30	20	20				
MUD WEIGHT	lb/gal 9.2	9.2	9.2	9.2	9.5	9.5	9.4	9.4		9.4	30	
VISCOSITY	sec/qt 64	63	60	60	63	60	66	65		52	35	
W.L.F.C.	c.c./32nd 8.4	8.2	8.4	8.2	8.5	8.5	8.5	8.5		8.2		
p.H.	10	10	10	10	10	10	11	11		11		
MUD LEVEL IN TANKS	Ft.-ins.											

DRILL TAIED T SINGLE RAN BAC 135 SEC VALUE AND SUB THIS VISC

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT HR	BIT CONDITION
17	8 3/4	343062	Sec S 88	3-14	46 1/4	1910	2203	293	in
						2203	2241	331	in
						2241	2248	335	

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT				
TYPE		PREFLOW	mins	I.H.P.	ps.i.	I.F.P.	ps.	Time	A.M. P.M.
FROM		I.S.I.	mins	F.H.P.	ps.i.	F.F.P.	ps.i.	Mud Wt	Int. Gel 10 Min Gel
TO		V.U.	mins	I.S.I.P.	ps.i.	G.T.S.	mins.	Visc	W.L.F.C.
Recovery		F.S.I.	mins.	F.S.I.P.	ps.i.	F.T.S.	mins.	A.V.	p.H.
HOURS		RECOVERY						P.V.	Solid

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
				Kind	Depth	Reading
DRILLER	<i>Lytle Tyson</i>	JOHN MALONEY	R. BIAUDEI			
DERRICKMAN	<i>Pat Frazier</i>		R. LIGHTFOOT	TotCo	1910	3/4
HELPER	<i>Robert Ferguson</i>	RALPH HICKS	M. YABLONSKI			
HELPER	<i>Alfred Holloway</i>	LANE DAVIDSON	G. PITTMAN			
HELPER	<i>Ron Finckler</i>	JIM MARSHALL	T. THOMAS			
FIREMAN						
TOOL PUSHER	<i>D. Stephens</i>					

MUD and CHEMICALS ADDED			OTHER HOURLY OPERATING DETAIL		
1972	Kind	Amount	From	To	WORK DONE
TOUR	TOUR 1		1200	2:30	DRILL RIG SER DRILL
74 FT			2:30	2:30	
27 FT			2:30	800	
60 FT					
FT					
01 FT					
FT					
FT	TOUR 2		800	900	DRILLING 8 3/4" HOLE, SURVEY @ 2230' RIG SERVICE ✓ HYDRIL + CRINOMATIC DRILLING 8 3/4" HOLE.
FT			2:00	2:15	
FT			2:15	2:30	
FT			2:30	4:00	
FT					
02 FT					
00 FT					
02 FT	TOUR 3		4:00	5:00	DRILL CIRC Sample RIG SERVICE TRY TO TRIP TO TOP INTO C&G TIGHT 1 1/2" SINGLE OFF BOTTOM, PICK UP KEYS, WORK PIPE LOOSE MIX MUD, CLEAN OUT VALVES ON D-500, CLEAN SUCTION TANK MIX MUD, WORK PIPE
JR	GEL	55 SKS	5:00	5:30	
FEET			5:30	5:45	
FEET			5:45		
FEET					
HOURS				11:00	
A. 12:00 P.M.			10:00	12:00	

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

DRILLED TO 2245' KB, CIRCULATED 1/2 HR, AND THEN TRIED TO DUMMY TRIP INTO SURFACE CASING. FIRST SINGLE OFF BOTTOM HAD TO BE PUMPED OUT SO WE RAN BACK TO BOTTOM AND BUILT VISCOSITY UP TO 135 SEC/GT.

VALUES ON D 500 BECAME PLUGGED ^{UP} SHALE PEBBLES AND SUBSEQUENTLY HAD TO BE CLEANED OUT DURING THIS VISCOSITY BUILDING OPERATION.

P.A. Pandolfini
SIGNATURE COMPANY ENGINEER

REPORT
ei
n. Gel
C
p.p.m.
p.p.m.
RD
Reading
3/4

TOUR REPORT

CONTRACTOR **G.P. Drilling** RIG NO **24**

FIELD **Bloch** WELL NAME **Y.F. 53**

LSD SEC TWP Rge W

DRILLING DEEPENING COMPLETING

REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT **FEB 13**

1972

MUD and CHEMICALS Kind

DRILLING ASSEMBLY		END OF MORNING TOUR			END OF DAYLIGHT TOUR			END OF AFTERNOON TOUR		
STANDS	D.P.	NO 16	1538	44 FT.	NO 17	1601	16 FT.	NO 17	1601	16 FT.
SINGLE	D.P.	NO 1			NO 0				6307	FT.
X-OVER SUB	O.D.		300	FT.	Y0	300	FT.	X0	300	FT.
OTHER	O.D.									
DRILL COLLARS	O.D.	5 H.90	15	46401 FT.	15	46401 FT.	15	46401 FT.		
DRILL COLLARS	O.D.	NO			NO			NO		
REAMER	O.D.	KIND			KIND			KIND		
STABILIZER	O.D.	KIND			KIND			KIND		
JARS		KIND			KIND			KIND		
BUMPER SUB		KIND			KIND			KIND		
BIT OR CORE BARREL										
TOTAL D.P. & TOOLS			2005	45 FT.		2068	16 FT.		2131	24 FT.
KELLY DOWN (BELOW R B)			3153	FT.		2700	FT.		1476	FT.
DEPTH OF TOOLS			2036	98 FT.		2095	16 FT.		2156	00 FT.

TOUR 1
CAUSTIC

TOUR 2
GEL

TOUR 3
GEL

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	2036 FEET	2095 FEET	2156 FEET
DEPTH START OF TOUR	1990 FEET	2036 FEET	2095 FEET
FOOTAGE DRILLED	46 FEET	59 FEET	61 FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP	64 900	64 900	64 900	64 900	65 900	65 900	65 900	65 900	65 900	65 900	65 900	65 900
ROTARY SPEED	45	45-48	45	45-48	45	45	45	45	45	45	45	45
WEIGHT ON BIT	30	30	30	30	30	30	30	30	30	30	30	30
MUD WEIGHT	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
VISCOSITY	60	60	60	60	60	60	60	60	62	62	65	65
W.L./F.C.	7.2	7.2	7.2	7.2	8.6	8.6	8.6	8.6	8.2	8.2	8.2	8.2
p.H.	60	90	95	95	180	140	140	140	10	10	10	10
MUD LEVEL IN TANKS					3 1/2 FT OF MUD				3'			

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FEET	FT HR	BIT CONDITION
17	8 3/4	343062	Sec. S 88	3-14	23	1910	2036	126		Drill. no
						1910	2095	185		"
						2095	2156	246		

CORE No.	No.	DST No	FROM	TO	MUD ENGINEER'S REPORT				
TYPE		PREFLOW	mins	IHP	ps	FFP	ps	T me	AM PM Aik
FROM		ISI	mins	FHP	ps	FFP	ps	Mud Wt	Int Gel 10 Min Gel
TO		VO	mins	ISIP	ps	GTS	mins	Visc	W L F C
Recovery		FSI	mins	FSIP	ps	FTS	mins	A.V.	PH
HOURS		RECOVERY						P.V.I	Sand CA, ppm CL ppm

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER	<i>Robert Johnson</i>	<i>JOHN MALONEY</i>	<i>ROGER BEAUFY</i>	Kind	Depth	Reading
DERRICKMAN	<i>Pat Giesler</i>	<i>CARL HILLGREN</i>	<i>ROBERT LIGHT</i>	Tolco	1910	3/4
HELPER	<i>Richard Riquelme</i>	<i>RALPH HICKS</i>	<i>Miki JABLONSKI</i>			
HELPER	<i>Albert Salloway</i>	<i>JANE DAVIDSON</i>	<i>GREG PITTMAN</i>			
HELPER	<i>Ron Bonklat</i>	<i>JIM MARSHALL</i>	<i>ISAAC THOMAS</i>			
FIREMAN		<i>JOEL PETER</i>				
TOOL PUSHER	<i>D. P. ...</i>					

1977

OTHER HOURLY OPERATING DETAIL
WORK DONE

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
TOUR 1		1200	430	DIAL. Rig SER DRILL
GAUSTIC	3 SAK.	430	445	
		445	800	
TOUR 2		800	915	DRILLING 8 3/4" HOLE. RIG SERVICE ✓ HYDRIL & CROWNOMATIC DRILLING 8 3/4" HOLE.
GEL	5 SAKS	915	930	
		930	400	
TOUR 3		400	600	DRILL. RIG SER DRILL.
GEL	10 SAKS.	600	615	
		615	1200	

TOUR
16 FT.
07 FT.
00 FT.
01 FT.
24 FT.
76 FT.
00 FT.
UR
FEET
FEET
FEET
HOURS
M 12 00 P.M.
6 45
45
30
2 9 2
5 6 5
8 2
10

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

REPORT
el.
n. Gel
C
p.p.m.
p.p.m.

Reading
74

J.M. Penderach
SIGNATURE COMPANY ENGINEER

TOUR REPORT

CONTRACTOR **G.P. Drilling** RIG NO **24**

FIELD **BIGH**

WELL NAME **YT-L-53**

LSD SEC TWP Rge W

DRILLING DEEPENING COMPLETING

REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT

FEB 12

1972

MUD and CHEMICALS

Kind

DRILLING ASSEMBLY	END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR							
STANDS .. D.P.	NO. 15	14	12	49	FT	NO.	14	12	49	FT	NO. 16	100	89	FT		
SINGLE .. D.P.	NO.				FT	NO.				FT	NO.	3	5	FT		
X-OVER SUB .. O.D.	1			300	FT	1			300	FT			300	FT		
OTHER .. O.D.					FT					FT				FT		
DRILL COLLARS 54.90 O.D.	15	-	46	401	FT	15		46	401	FT	15		46	401	FT	
DRILL COLLARS .. O.D.	NO.				FT	NO.				FT	NO.			FT		
REAMER .. O.D.	KIND				FT	KIND				FT	KIND			FT		
STABILIZER .. O.D.	KIND				FT	KIND				FT	KIND			FT		
JARS	KIND				FT	KIND				FT	KIND			FT		
BUMPER SUB.	KIND				FT	KIND				FT	KIND			FT		
BIT OR CORE BARREL					FT					FT				FT		
TOTAL D.P. & TOOLS				1879	50	FT			1911	07	FT			1973	85	FT
KELLY DOWN (BELOW R.B.)				326	4	FT			3400		FT			1700		FT
DEPTH OF TOOLS				091	214	FT			1945	07	FT			1990	85	FT

TOUR 1

GEL

TOUR 2

TOUR 3

GEL

TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR						
DEPTH END OF TOUR				1912	FEET				1945	FEET				1990	FEET
DEPTH START OF TOUR				1910	FEET				1912	FEET				1945	FEET
FOOTAGE DRILLED				2	FEET				33	FEET				45	FEET

DAY WORK	HOURS											
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP s.p.m. p.s.i.				65 900	60 900	64 900	64 900	64 900	64 900	64 900	64 900	64 900
ROTARY SPEED R.P.M.				45	40	40	40	40	45	45	45	45
WEIGHT ON BIT M lbs.				20	25	25	25	25	25	25	30	30
MUD WEIGHT lb/gal				9.1	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
VISCOSITY sec/qt				70	65	65	65	67	67	67	70	70
...F.C. c.c./32nd				7.2	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
p.H.				9.0	9.0				9.0			

Bridges
On 2/11/72

THREE
NOON ON

MUD LEVEL IN TANKS Ft.-Ins. **3 FT 8" IN TANK**

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT HR	BIT CONDITION
17	8 7/8	343062	REG 588	3-14		1910	1912	2	DRILL
						1910	1945	35	
						15 1/2	1945	80	RUNNING

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT					
TYPE		PREFLOW	mins	I.H.P.	p.s.i.	I.F.P.	p.s.i.	Time	A.M. P.M.	Alk
FROM		I.S.I.	mins	F.H.P.	p.s.i.	F.F.P.	p.s.i.	Mud Wt		Int. Gel
TO		V.O.	mins	I.S.I.P.	p.s.i.	G.T.S.	mins.	Visc		10 Min. Gel
Recovery		F.S.I.	mins.	F.S.I.P.	p.s.i.	F.T.S.	mins.	A.V.		W.L.F.C.
HOURS		RECOVERY						P.V.		p.H.

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	Y.P.	DEVIATION RECORD		
					Kind	Depth	Reading
DRILLER	<i>Paul Taylor</i>	J. MALONEY	R. BEAUDRY				
DERRICKMAN	<i>Pat Foster</i>	C. HINGBREN	R. LIGHTFOOT		TotCo	1910	3/4
HELPER	<i>Richard Requier</i>	R. HICKS	M. YABLONSKI				
HELPER	<i>Albert Halway</i>	A. DAVIDSON	G. PITTMAN				
HELPER	<i>Ron Benklat</i>	J. MARSHALL	I. THOMAS				
FIREMAN		<i>Joel Peter</i>					
TOOL PUSHER	<i>R. Spunkamp</i>						

1972
 ON TOUR
 209 FT
 15 FT
 300 FT
 401 FT
 FT
 FT
 FT
 FT
 FT
 FT
 385 FT
 700 FT
 085 FT
 TOUR
 0 FEET
 5 FEET
 5 FEET
 HOURS
 12.00 P.M.
 6.4
 9.80
 5 45
 20 30
 2 9.2
 0 70

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
TOUR 1		1200	1245	FINISH OUT OF HOLES
GEL	13 SAYS	1245	100	RIG SER BOPE
		100	145	RUN IN W/ BIT
		145	500	REMAN BR. Ope AT 1227 TO 1480
		500	530	WORK STUCK DRILL P.P.
		530	630	CIRC MIX MUD + CONN. HOLE + REAM
		630	700	FINISH RUN IN W/ BIT
		700	715	CLEAN 50 FT TO BOTTOM
		715	800	DRILL
TOUR 2		800	930	DRILLING 8 3/4" HOLE.
		930	945	RIG SERV V + DRILL + CONN
		945	215	DRILLING 8 3/4" HOLE.
		215	300	WORK ON PUMP.
		300	345	DRILLING
		345	400	WORK ON DRAWWORK AIR LINE (BROKEN)
TOUR 3		400	415	RIG SERVICE
GEL	5.5KS	415	1500	DRILL 8 3/4" HOLE

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Bridges from 1227 to 1480 Result of mixing mud
 on 2/11/72.

THREE SCHLUMBERGER PERSONNEL CAME IN THIS AFTER-
 NOON ON THE 748 ALONG WITH A B.J. CEMENTING MAN.

CONDITION
 DRILLING
 REPORT
 Gel
 Min. Gel
 L.F.C.
 H
 Mid %
 A, p.p.m.
 L, p.p.m.
 RECORD
 Reading
 3/4

James Charlton
 SIGNATURE COMPANY ENGINEER

TOUR REPORT

CONTRACTOR **G.P. Drilling** RIG NO **24**

FIELD **BEACH** WELL NAME **YT-E 63**

LSD SEC TWP Rge W

DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING

FOR 24 HOURS ENDING 12 MIDNIGHT **FEB 11/72** 1972

MUD and CHEMICALS

DRILLING ASSEMBLY		END OF MORNING TOUR		END OF DAYLIGHT TOUR		END OF AFTERNOON TOUR	
STANDS	D.P. NO.	13	5016 FT.	NO. 14	138187 FT.	NO. 15	141249 FT.
SINGLE	D.P. NO.			NO. 27			
X-OVER SUB	O.D.	1	300 FT.	1	300 FT.		300 FT.
OTHER	O.D.						
DRILL COLLAR	O.D.	15	46401 FT.	15	46401 FT.		46401 FT.
DRILL COLLARS	O.D. NO.						
REAMER	O.D. KIND						
STABILIZER	O.D. KIND						
JARS	KIND						
BUMPER SUB.	KIND						
BIT OR CORE BARREL							
TOTAL D.P. & TOOLS			189917 FT.		184888 FT.		187950 FT.
KELLY DOWN (BELOW R.B.)			3000 FT.		3900 FT.		3064 FT.
DEPTH OF TOOLS			184817 FT.		188788 FT.		191014 FT.

Tour	Kind
TOUR 1	Gel CAUSTIC
TOUR 2	SL
TOUR 3	Sandust + (Rig floor)

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	1848 FEET	1887 FEET	1910 FEET
DEPTH START OF TOUR	1830 FEET	1848 FEET	1887 FEET
FOOTAGE DRILLED	18 FEET	39 FEET	23 FEET

DAY WORK	HOURS											
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP	60	60	60	60	60	60	60	60	60	60	60	60
ROTARY SPEED	45-50	45-50	45-50	45-50	45-50	45-50	45-50	45-50	45-50	45-50	45-50	45-50
WEIGHT ON BIT	5-8	5-8	15-20	15-25	20-25	25	25	25	25-30	25-30	25-30	25-30
MUD WEIGHT	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
VISCOSITY	60	60	60	60	60	60	60	60	73	73		
W.L./F.C.	2	2	2	2	2	2	2	2	2	2		
p.H.	8.0	9.5	9.5	9.5	9.5	9.5	9.5					

Fuel on Hand
 Reserve Fuel
 Rig Fuel Tank
 Check Bolts
 Reamed

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT. HR.	BIT CONDITION
16	8 3/4	38129	H.W. XOV	3-13	5	1807	1830	23	REAMED
						1830	1848	18	DRILLED
						17 3/4	1887	86	7-1-1

CORE No.	No.	DST No.	PREFLOW:	mins.	I.H.P.	p.s.i.	F.P.	p.s.i.	Time	A.M.	Alk.
FROM			I.S.I.	mins. <td>F.H.P.</td> <td>p.s.i. <td>F.F.P.</td> <td>p.s.i. <td>Mud Wt.</td> <td></td> <td>10 Min. Gel</td> </td></td>	F.H.P.	p.s.i. <td>F.F.P.</td> <td>p.s.i. <td>Mud Wt.</td> <td></td> <td>10 Min. Gel</td> </td>	F.F.P.	p.s.i. <td>Mud Wt.</td> <td></td> <td>10 Min. Gel</td>	Mud Wt.		10 Min. Gel
TO			V.O.	mins. <td>I.S.I.P.</td> <td>p.s.i. <td>G.T.S.</td> <td>mins. <td>Visc.</td> <td></td> <td>W.L.F.C.</td> </td></td>	I.S.I.P.	p.s.i. <td>G.T.S.</td> <td>mins. <td>Visc.</td> <td></td> <td>W.L.F.C.</td> </td>	G.T.S.	mins. <td>Visc.</td> <td></td> <td>W.L.F.C.</td>	Visc.		W.L.F.C.
Recovery			F.S.I.	mins. <td>F.S.I.P.</td> <td>p.s.i. <td>F.T.S.</td> <td>mins. <td>A.V.</td> <td></td> <td>p.H.</td> </td></td>	F.S.I.P.	p.s.i. <td>F.T.S.</td> <td>mins. <td>A.V.</td> <td></td> <td>p.H.</td> </td>	F.T.S.	mins. <td>A.V.</td> <td></td> <td>p.H.</td>	A.V.		p.H.
HOURS			RECOVERY:						P.V.		Sand

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
				Kind	Depth	Reading
DRILLER	Rob Jones	J. MALONEY	R. BEAUDRY			
DERRICKMAN	Pat Falsier	C. HILGREN	R. LIGHTFOOT		1600	48
HELPER	Richard Pignier	R. HICKS	M. YABLONSKI	1850		1/2
HELPER	Albert Holloway	L. DAVIDSON	G. RITTMAN	1910		3/4
HELPER	Pat E. Hester	J. MARSHALL	E. THOMAS			
FIREMAN		Joel Peter				
TOOL PUSHER		Colm Joseph				

1972		MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
OUR	FT	Kind	Amount			
		TOUR 1	10	12 ⁰⁰	1 ⁰⁰	REAM RAT HOLE
49	FT	Gel	10 Bags	1 ⁰⁰	1 ¹⁵	RIG SER
	FT	CAUSTIC	2 Bags	2 ⁴⁵	8 ⁰⁰	REAM RAT HOLE FROM 1815 TO 1830
	FT					DRILL 8 3/4 HOLE FROM 1830 TO 1848
00	FT					
	FT					
01	FT					
	FT					
	FT	TOUR 2	10	8 ⁰⁰	9 ⁴⁵	DRILLING 8 3/4" HOLE
	FT			9 ¹⁵	10 ⁰⁰	SURVEY @ 1850 - 19 ⁰⁰
	FT	Gel	10 Sks.	10 ⁰⁰	10 ¹⁵	RIG SERVICE
	FT			10 ¹⁵	4 ⁰⁰	DRILLING 8 3/4" HOLE
	FT					
50	FT					
64	FT					
14	FT	TOUR 3		4 ⁴⁵	4 ¹⁵	DRILL 8 3/4 HOLE
	FT	Sandys +	5 Sak	4 ¹⁵	4 ³⁰	RIG SERVICE
	FEET	(Rig floor)		4 ³⁰	9 ¹⁵	DRILL 8 3/4 HOLE
	FEET			9 ¹⁵	9 ⁴⁵	CIRC SAMPLE & SURVEY
	FEET			9 ⁴⁵	12 ⁰⁰	HOIST BIT #16, TIGHT SPOT @ 1400'
	HOURS					PICK UP KELLY, CIRC THRU TIGHT SPOT
	12.00 P.M.					& HOIST OUT

FUEL ON HAND CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

RESERVE FUEL TANK 118"

Rig Fuel TANK 1565 GALS AT 12:01 AM FEB 11 72

CHECK BOLTS ON BOPs FLANGER + CASING BOWH OK

Reamed rat hole 1807-1830 w/ 8 3/4 x DU in 5 hours.

TION

REPORT

Reading

1/2

3/4

James Chalkin
SIGNATURE COMPANY ENGINEER

TOUR REPORT

FIELD **BIRCH** WELL NAME **VT-E-53** CONTRACTOR **G.P.** RIG NO **24**
 DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT **FEB 10 1972**

DRILLING ASSEMBLY		END OF MORNING TOUR		END OF DAYLIGHT TOUR		END OF AFTERNOON TOUR	
STANDS	D.P.	NO 13	122449 FT	NO 13	122449 FT	NO 14	131910 FT
SINGLE	D.P.	NO 1	3160 FT	NO 1	3160 FT		
X-OVER SUB	O.D.		300 FT	1	300 FT	1	300 FT
OTHER	O.D.						
DRILL COLLARS	O.D.	15	46401 FT	15	46401 FT	15	46401 FT
DRILL COLLARS	O.D.	NO		NO		NO	
REAMER	O.D.	KIND		KIND		KIND	
STABILIZER	O.D.	KIND		KIND		KIND	
JARS		KIND		KIND		KIND	
BUMPER SUB		KIND		KIND		KIND	
BIT OR CORE BARREL			7240 FT		7240 FT		
TOTAL D.P. & TOOLS			179550 FT		179550 FT		178611 FT
KELLY DOWN (BELOW R.B.)			17 - FT		3464 FT		3200 FT
DEPTH OF TOOLS			188250 FT		183014 FT		181811 FT

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	1812 FEET	1830 FEET	1818 FEET
DEPTH START OF TOUR	1797 FEET	1812 FEET	1807 FEET
FOOTAGE DRILLED	15 FEET	18 FEET	11 FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP	8:30	66			8:00	45	9:00	45	9:00	45	9:00	9:00
ROTARY SPEED	R.P.M.	40			75	75	75	75			50-60	
WEIGHT ON BIT	M lbs.	25			8	8	8	8			8	
MUD WEIGHT	lb/gal	9.0			9.2	9.2	9.2	9.2			9.0	
VISCOSITY	sec/qt	65			70	70	70	70			60	
W.L./F.C.	c.c./32nd	8.0	8		8.0	8.0	8.0	8.0				
W.H.					9.0	9.0	9.0	9.0				

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	TOTAL BIT FOOTAGE	WHR	BIT CONDITION
14	8 3/4	343062	SEC 5-88	2-14	8	1701	1807	1068	8	Good 1-1-I
15	6 3/4	71A51	WESDAHL		25 1/4	1807	1830	23		Good Slightly worn
16	8 3/4	58429	HW - XDV	3-13	REAMING	1807	1818	11		

CORE	No.	No.	DST No.	FROM		TO		MUD ENGINEER'S REPORT					
				PREFLOW	mins	I.H.P.	psi	I.F.P.	psi	Time	A.M.	Alk	
	7												
TYPE													
FROM													
TO													
Recovery													
HOURS													

SIGNATURES	MORNING TOUR		DAYLIGHT TOUR		AFTERNOON TOUR		DEVIATION RECORD		
	Kind	Depth	Kind	Depth	Kind	Depth	Kind	Depth	Reading
DRILLER									
DERRICKMAN									
HELPER									
HELPER									
HELPER									
FIREMAN									
TOOL PUSHER									

MUD and CHEMICALS	Kind
	TOUR 1 GEL
	TOUR 2 GEL
	TOUR 3

MEASUR
FROM L
CORRECT
Ran in w
Core # 7
jars
Mud v
in part 2
Cut Co
jammed
Core
Rig 1
foot or

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
19 72		1222	1245	
OUR		1245	145	
10 FT.	GEL 500 ^{ml}	145	200	DRILLING.
FT.		200	345	CIRC TO CORE (GEO REQUEST).
00 FT.		345	415	BLOW KELLY, R.G SERVICE.
FT.		415	545	HOIST (DOUBLE MEASURE).
01 FT.		545	630	PICK UP CORE BBL + MAKE UP SAME.
FT.		630	800	RUN IN W/ CORE BBL.
FT.				CIRC + DROP BALL
FT.				CUTTING CORE # 7
FT.	TOUR 2	800	330	
FT.	GEL	330	345	CUTTING CORE # 7
FT.		345	400	RIG SER
FT.				BLOW KELLY + STAND BACK.
11 FT.				
00 FT.		400	515	HOIST OUT
11 FT.	TOUR 3	515	615	RECOVER CORE # 7
FT.		615	645	SERVICE CORE BBL + STAND BACK IN DERRICK
FEET		645	700	RIG SERVICE + MAKE UP BIT.
FEET		700	745	CHANGE PACKING IN D500 + CHECK VALVES.
FEET		745	900	RUN IN W/ BIT # 16.
HOURS		900	930	BREAK CIRC + CLEAN 20' TO TOP OF RATHOLE
12 00 P.M.		930	1000	BEARING RATHOLE TO 83 1/2"
				FROM 1807' TO 1818'

CEMENTING, TESTING FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

MEASURED OUT TO CUT CORE # 7

MEASURE 1826.77

FROM BOARD 1824.68

CORRECTION MADE 2.09

Ran in w/ 5 3/4" barrel + 6 3/16" core head to cut core # 7 No fill on bottom Ran a set of 5 3/4" Baasch Ross jars

Mud volume very low lost approx 100 bbls mud in past 24 hours.

Cut Core No 7 1807-1830 Roc 224 Core jammed unable to get the core head to cut

Core Head slightly washed OK.

Rig Mud tank #2 x 8 x 4' 60 bbls to the foot or 5 bbls per inch

James Chantler
SIGNATURE COMPANY ENGINEER

TOUR REPORT

FIELD **BIRCH** WELL NAME **YT-E-53** CONTRACTOR **G.I.P.** RIG NO **24**
 DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT **FEB 9 1970**

DRILLING ASSEMBLY	END OF MORNING TOUR	END OF DAYLIGHT TOUR	END OF AFTERNOON TOUR
STANDS .. D.P.	NO. 13 122240 FT	NO 13 122240 FT	NO 14 131701 FT
SINGLE .. D.P.	NO.	NO	NO
X-OVER SUB .. O.D.	300 FT	1 300 FT	1 300 FT
OTHER .. O.D.			
DRILL COLLARS 6 3/4 .. O.D.	15 46401 FT	15 46401 FT	15 46401 FT
DRILL COLLARS .. O.D.	NO.	NO	NO
REAMER .. O.D.	KIND	KIND	KIND
STABILIZER .. O.D.	KIND	KIND	KIND
JARS	KIND	KIND	KIND
BUMPER SUB.			
BIT OR CORE BARREL			
TOTAL D.P. & TOOLS	168941 FT	168941 FT	178402 FT
KELLY DOWN (BELOW R.B.)	1200 FT	1200 FT	1300 FT
DEPTH OF TOOLS	170141 FT	170141 FT	179702 FT

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	1701 FEET	1701 FEET	1797 FEET
DEPTH START OF TOUR	1701 FEET	1701 FEET	1701 FEET
FOOTAGE DRILLED	0 FEET	0 FEET	96 FEET

	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP s.p.m. p.s.i.							T	R	I	P		
ROTARY SPEED R.P.M.								66	66	66	66	66
WEIGHT ON BIT M lbs.								850	850	850	850	850
MUD WEIGHT lb/gal								50	40	40	40	40
VISCOSITY sec/qt								25-30	20-25	20-25	25	25
W.L./F.C. c.c./32nd								9.0	9.0	9.0	9.0	9.0
p.H.								65	68	68	62	62
MUD LEVEL IN TANKS Ft.-Ins.												

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT HR	BIT CONDITION
13	8 3/4	37008	H W ROV	3x13	26	1677	1701	24	4-1-D
14	8 3/4		Sec. 588	3-14	7 1/2	1701	1797	96	DRILLING

CORE No.	No.	DST No.	TO	MUD ENGINEER'S REPORT
				Page 2 of 2
TYPE		PREFLOW mins	I.H.P. p.s.i.	I.F.P. p.s.i.
FROM		I.S.I. mins	F.H.P. p.s.i.	F.F.P. p.s.i.
TO		V.O. mins	I.S.I.P. p.s.i.	G.T.S. mins
Recovery		F.S.I. mins	F.S.I.P. p.s.i.	F.T.S. mins
HOURS		RECOVERY		

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD
DRILLER	<i>Harold A. Brown</i>	<i>Roger Taylor</i>	<i>J. MALONEY</i>	Kind Depth Reading
DERRICKMAN	<i>C. HILGREN</i>	<i>Pat Falsier</i>	<i>HILGREN</i>	
HELPER		<i>Warren Kishner</i>	<i>R. HICKS</i>	
HELPER	<i>O. ZEMAK</i>	<i>Albert Lalloway</i>	<i>A. DAVIDSON</i>	
HELPER	<i>D. PISKOWICK</i>	<i>Ronnie [unclear]</i>	<i>J. MARSHALL</i>	
FIREMAN		<i>Joel Peter</i>		
TOOL PUSHER	<i>D. [unclear]</i>	<i>John Joseph King</i>		

MUD and CHEMICAL	Kind
	TOUR 1
	TOUR 2
	TOUR 3

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 Page 2
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TOUR REPORT

CONTRACTOR **G.P.** RIG NO **24**

FIELD **Birch** WELL NAME **YTE 53** LSD SEC TWP Rgr W

DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT

February 9 1972

DRILLING ASSEMBLY		END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.		
SINGLE	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.		
X-OVER SUB	O.D.		FT.		FT.		FT.		FT.		FT.		
OTHER	O.D.		FT.		FT.		FT.		FT.		FT.		
DRILL COLLARS	O.D.		FT.		FT.		FT.		FT.		FT.		
DRILL COLLARS	O.D.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.		
REAMER	O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.		
STABILIZER	O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.		
JARS		KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.		
BUMPER SUB.		KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.		
BIT OR CORE BARREL			FT.		FT.		FT.		FT.		FT.		
TOTAL D.P. & TOOLS			FT.		FT.		FT.		FT.		FT.		
KELLY DOWN (BELOW R.B.)			FT.		FT.		FT.		FT.		FT.		
DEPTH OF TOOLS			FT.		FT.		FT.		FT.		FT.		

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	FEET	FEET	FEET
DEPTH START OF TOUR	FEET	FEET	FEET
FOOTAGE DRILLED	FEET	FEET	FEET

DAY WORK **DST #2 1629-1701 DETAILS CONT'D.** HOURS

	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP	Fluid Description 170' drilling and wt 8.7											
ROTARY SPEED	R.P.M. wt of mud in system 9.0 (in drill pipe) 708' of											
WEIGHT ON BIT	M-lbs. muddy water CI-150ppm small amount of											
MUD WEIGHT	lb/gal gas in the water. (drill pipe & collars)											
VISCOSITY	sec/qt Ct of mud 300ppm											
W.L./F.C.	c.c./32nd											
p.H.	IHP 750 psi BH Temp 105 °F ISIP 400 psi complete instants near.											
MUD LEVEL IN TANKS	Ft.-Ins. IHP 750 psi IFP 323 psi FFP 395 psi											

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT HR	BIT CONDITION
FSIP 404 psi complete. FHP 748 psi Rubbers OK Test OK. No Hycarbon shows.									

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT			
		2	1629	1701	Time	AM	PM	Alk
TYPE		PREFLOW	4 mins	IHP 750 psi	IFP 323 psi			Int. Gel.
FROM		I.S.I.	60 mins	FHP 748 psi	FFP 395 psi	Mud Wt		10 Min. Gel
TO		V.O.	30 mins	ISIP 400 psi	GTS No GTS mins.	Visc		W.L.F.C.
Recovery		F.S.I.	90 mins	F.S.I.P 404 psi	F.T.S No FTS mins.	A.V.		p.H.
HOURS		RECOVERY:				P.V.		Solid %

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
				Kind	Depth	Reading
DRILLER						
DERRICKMAN						
HELPER						
HELPER						
HELPER						
FIREMAN						
TOOL PUSHER						

MUD and CHEMICALS
Kind
TOUR 1
TOUR 2
TOUR 3

DST #2
RAN A JOINT DRILL PIPE PACKER RUN TESTING TO BOTTOM HOOD JOINT OVERALL INCLUDING T RECORDER, 0-3600 psi, OPENED T PREFLOW FOR A 60 BLOW OPEN BLOW UPON BLOW AS A SURFACE S MUD LOST BOTTOM RE NO PUMID FREE PAC of Fluid of 4 1/2" FA

TOUR REPORT

CONTRACTOR **G.P.** RIG NO **24**

FIELD **BIRCH.** WELL NAME **YT-E-53** LSD SEC TWP Rq W
 DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT **FEB 8** 19**72**

DRILLING ASSEMBLY		END OF MORNING TOUR		END OF DAYLIGHT TOUR		END OF AFTERNOON TOUR	
STANDS	D.P.	NO 12	102496 FT	NO 12	116074 FT	NO 13	122240 FT
SINGLE	D.P.	NO 2	6269 FT	NO 1		NO 0	
X-OVER SUB	O.D.		300 FT	1	300 FT	1	300 FT
OTHER	O.D.						
DRILL COLLARS	O.D.	15	46401 FT	15	46401 FT	15	46401 FT
DRILL COLLARS	O.D.	NO		NO		NO	
REAMER	O.D.	KIND		KIND		KIND	
STABILIZER	O.D.	KIND		KIND		KIND	
JARS		KIND		KIND		KIND	
BUMPER SUB		KIND		KIND		KIND	
BIT OR CORE BARREL			7250 FT				
TOTAL D.P. & TOOLS			167780 FT		162775 FT		168941 FT
KELLY DOWN (BELOW R.B.)			4064 FT		1500 FT		1200 FT
DEPTH OF TOOLS			167780 FT		164275 FT		170141 FT
TOUR		MORNING TOUR		DAYLIGHT TOUR		AFTERNOON TOUR	
DEPTH END OF TOUR		1677 FEET		1642 FEET		1701 FEET	
DEPTH START OF TOUR		1658 FEET		1620 FEET		1642 FEET	
FOOTAGE DRILLED		19 FEET		22 FEET		59 FEET	

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP	50 p.s.i.	50 p.s.i.			50 p.s.i.	50 p.s.i.	50 p.s.i.	50 p.s.i.	60 p.s.i.	60 p.s.i.	60 p.s.i.	65 p.s.i.
ROTARY SPEED	50 R.P.M.	50 R.P.M.			30-40 R.P.M.	30-40 R.P.M.	44 R.P.M.	44 R.P.M.	55 R.P.M.	55 R.P.M.	60/65 R.P.M.	60/65 R.P.M.
WEIGHT ON BIT	6 M lbs.	6 M lbs.			5.8 M lbs.	5.8 M lbs.	5.8 M lbs.	5.8 M lbs.	5.8 M lbs.	20-25 M lbs.	25 M lbs.	25 M lbs.
MUD WEIGHT	9.4 lb/gal	9.6 lb/gal			9.2 lb/gal	9.2 lb/gal	9.2 lb/gal	9.2 lb/gal	9.0 lb/gal	9.0 lb/gal	9.0 lb/gal	9.0 lb/gal
VISCOSITY	70 sec. qt.	66 sec. qt.			69 sec. qt.	70 sec. qt.	70 sec. qt.	75 sec. qt.	75 sec. qt.	70 sec. qt.	70 sec. qt.	75 sec. qt.
W.L.F.C.	6.5 c.c. 32nd	6.2 c.c. 32nd			6.5 c.c. 32nd	6.2 c.c. 32nd	6.2 c.c. 32nd	7.0 c.c. 32nd	7.0 c.c. 32nd	7.0 c.c. 32nd	7.0 c.c. 32nd	7.0 c.c. 32nd
p.H.	9.0				8.5	9.0	9.0	9.0	9.0	9.0	9.0	9.0
MUD LEVEL IN TANKS												

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT HR	BIT CONDITION
12CH	6 3/8	71A62	WESDRAH D		16 1/4	1620	1677	57	6000
13	8 3/4	32008	H.W.	3-13	5 1/4	1620	1642	22	Reaming at Hole
				REAMING DRILLED		1642	1677	35	
						1677	1701	24	

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT			
0	6				Time	11:00 AM	AK	0.1
		PREFLOW	mins.	IHP	ps.			
FROM	1620	ISI	mins.	FHP	ps.			
TO	1677	VO	mins.	ISI.P	ps.			
Recovery	44'	FSI	mins.	FSI.P	ps.			
HOURS	16 1/4	RECOVERY			mins.			
					A.V.	37	p.H.	8.5
					P.V.	25	Sand	6.5
					Y.P.	24	CA. ppm	30
							CL ppm	250

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DRILLER	<i>[Signature]</i>	<i>[Signature]</i>	J. MALONEY
DERRICKMAN	W. FINLAY	<i>[Signature]</i>	C. HINGREN
HELPER	P. JONES	<i>[Signature]</i>	R. HICKS
HELPER	D. ZEMBAK	<i>[Signature]</i>	J. DAVIDSON
HELPER	D. P. KOWICK	<i>[Signature]</i>	J. MARSHALL
FIREMAN		<i>[Signature]</i>	
TOOL-PUSHER	<i>[Signature]</i>	<i>[Signature]</i>	

MUD and CHEMICALS Kind

TOUR 1

TOUR 2
GAH CAUSTIC

TOUR 3
CEL. FERTILIZER

Cut Dia Bit had course

Reamed in 3 3/4 out and was 1-1 Circu

DOUBLE

LE

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
1972		12:00	5:15	CUTTING CORE # 6
OUR	TOUR 1	5:15	6:45	BLOW LINES + HOIST
40		6:45	8:00	RECOVER CORE.
FT.				
50				
FT.				
51				
FT.				
FT.	TOUR 2	8:00	9:20	FINISH RECOVER CORE SER 1388 - STAND IN DECK
FT.	GRA	8:50	9:00	Rig SER. Rig SAUCES - BOPS
FT.	CAUSTIC	1 SAK	9:00	RUN IN W/ BIT # 12
FT.		10:45	4:00	REAM RAT HOLE FROM 1620 TO 1643
FT.				STARTED DESILTER FEB. 8. / 72
41				
FT.				
00				
FT.				
41	TOUR 3	4:00		REAMING RAT HOLE FROM
OR	GEL.	11:00	7:30	1642' TO 1677'
FEET	FERTILIZER	1/2 SK	7:30	DRILLING 8 3/4" HOLE.
FEET		10:15	10:15	CIRCULATE SAMPLE + CONDITION
FEET			11:15	HOLE TO TEST.
HOURS			12:00	BLOW KELLY + HOIST OUT
12:00 P.M.				(DOUBLE MEASURE OUT.)

CEMENTING, TESTING, FISHING SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Cut Diamond Core No 6 1620-1677 Recovered 41' Bit had a few chert pebbles lodged in the water course insignificant damage.

Reamed Rat hole 1620-1677 with 8 3/4" X DU RR # 11 in 8 3/4 hours. Bit had 14 hours rotating cleaning out and reaming hole. From Feb 6 + 7 Condition was 1-1-I. When run.

CIRCULATED ONE HOUR PULLED TO TEST
DOUBLE MEASURE OUT TO TEST

LENGTH OF DRILL PIPE 1224.09
TALLY FROM BOARD 1222.40
DIFFERENCE 1.69 NO CORRECTION

Jimmie Johnston
SIGNATURE COMPANY ENGINEER

TOUR REPORT

CONTRACTOR **G.P.** RIG NO **24**

FIELD **BIRCH.** WELL NAME **YTE.53** LSD SEC TWP Roe W

DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT **FEB 7 1972**

DRILLING ASSEMBLY		END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS	D.P.	NO. 12	112	038	FT	NO. 11	103	496	FT	NO. 11	103	496	FT
SINGLE	D.P.	NO.			FT	NO. 1	3107		FT	NO.	6269		FT
X-OVER SUB	O.D.		300		FT				FT				FT
OTHER	O.D.				FT				FT				FT
DRILL COLLARS	O.D.	15	464	01	FT	15 SUB	467	01	FT	15	467	01	FT
DRILL COLLARS	O.D.	NO.			FT	NO.			FT	NO.			FT
REAMER	O.D.	KIND			FT	KIND			FT	KIND			FT
STABILIZER	O.D.	KIND			FT	KIND			FT	KIND			FT
JARS		KIND			FT	KIND			FT	KIND			FT
BUMPER SUB		KIND			FT	KIND			FT	KIND			FT
BIT OR CORE BARREL					FT		7250		FT		7250		FT
TOTAL D.P. & TOOLS			159	739	FT		160554		FT		163786		FT
KELLY DOWN (BELOW R.B.)			2290		FT		2500		FT		2800		FT
DEPTH OF TOOLS			1620	29	FT		163054		FT		165816		FT
TOUR		MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR			
DEPTH END OF TOUR					FEET	1680			FEET	1658			FEET
DEPTH START OF TOUR		1620			FEET	1620			FEET	1620			FEET
FOOTAGE DRILLED					FEET	10			FEET	28			FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP	S.P.M. 54	P.S.I. 1000					49	49	48	48	48	48
ROTARY SPEED	R.P.M.						44	44	56	56	56	56
WEIGHT ON BIT	M lbs.						3.1	3.1	6"	6"	6"	6"
MUD WEIGHT	lb/gal	8.8					8.6	8.6	9.0	9.0	9.2	9.2
VISCOSITY	sec/qt	107					95	95	90	85	80	80
W.L.F.C	c.c. 32nd	4.0					2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
p.H		9.5					9.0	9.0	8.5	8.5	8.5	8.5
MUD LEVEL IN TANKS	Ft.-Ins.						3 1/2					

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FEET	BIT CONDITION
11	8 3/4	37008	H.W. X.D.V.	3-12		1620			CLEANED OUT HOLE IN HRS, 12:42-1620
12	6 3/4	71A-52	H.W. DRILL			1620	1630	10	CORRE
12	6 3/4	71B-52	" "			1620	1658	38	CORRING

CORE	No.	No.	DST No.	FROM		TO		MUD ENGINEER'S REPORT						
				PREFLOW	mins	IHP	ps.	IFP	ps.	Time	AM	PM	Air	
FROM				IS.I.	mins	FHP	ps.	FFP	ps.	Mud Wt			Int. Gel	10 Min. Gel
TO				V.O.	mins	ISIP	ps.	GTS	mins.	Visc			W.L.F.C	
Recovery				F.S.I.	mins	F.S.I.P	ps.	FTS	mins.	A.V			p.H	
HOURS				RECOVERY						P.V			Sp. G.	

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
				Kind	Depth	Reading
DRILLER	<i>Richard A. Boone</i>	<i>John J. Jones</i>	<i>J. MAHONEY</i>			
DERRICKMAN	<i>P. JONES</i>	<i>Pat Jones</i>	<i>C. H. BREN</i>	TOFO	1600	1/8
HELPER	<i>W. Kinlay</i>	<i>Richard Rogers</i>	<i>R. HICKS</i>			
HELPER	<i>O. ZEMBAK</i>	<i>Albert Holloway</i>	<i>L. DAVIDSON</i>			
HELPER	<i>D. P. KHANICK</i>	<i>Ron Pinkelate</i>	<i>J. MARSHALL</i>			
FIREMAN		<i>John Peter</i>				
TOOL PUSHER	<i>Bill Hunter</i>	<i>John Joseph Key</i>				

MUD and CHEMICALS
 Kind
 TOUR 1
GEL CAUSTIC
STREAM OF
TO BUILD WALL

TOUR 2

TOUR 3
 Salt Water Sol
 Just account for
 for

FINISHED
 REAMING H
 DUMMY T
 RAN BACK
 AND PULL
 RAN 5 3/4
 approx. m
 Circulated
 ball. Cir
 2000 16240
 Tagged
 that the
 reamed

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
1972		12:00	2:15	FINISH TO CLEAN 250' TO BOT CIRC 1 HR. (ENGR. REQUEST.) BLOW LINES, HOIST OUT TO DCS. RUN IN CIRC TO CORE. BLOW LINES + HOIST OUT. PICK UP CORE BBL + THAW OUT SAME. MAKE UP CORE BIT
OUR	TOUR 1	2:15	3:15	
96	GEL	800#	3:15	
69	CAUSTIC	50#	5:30	
	STREAM OF WATER		6:00	
	TO BUILD VOLUME.	5:30	6:00	
		6:00	7:15	
		7:15	8:00	
01			8:00	
	TOUR 2	8:00	8:15		Rig SWR + BoPs + CROWIN - a - Mat - SERV CORE BBL. RUN IN W/ CORE BBL (VERY SLOW) BRAKE WIRE + CLEAN 4' OF FILL TO BOTTOM. CIRC RIG JUST LONG. CUTTING CORE NO. 6
		8:15	9:00	
		9:00	10:45	
		10:45	11:45	
50		11:45	12:15	
6		12:15	12:15	
	TOUR 3	4:00	6:45	CUTTING CORE # 6 RIG SERVICE. WORK CORE BIT TO BTM ON CONNECTION. CUTTING CORE # 6
	Sulfur Hex Sul	135/120	6:45	
	Not accoun for	gal	7:00	
		7:00	7:30	
		7:30	12:00	

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

56 FINISHED CLEANING OUT TO BOTTOM REQUIRED 14 Hrs OF
6.5 REAMING HOLE. CIRCULATION ON BOTTOM FOR ONE HOUR
9.2 DUMMY TRIPPED OUT TO THE DRILL COLLARS
80 RAN BACK TO BOTTOM NO FILL CIRCULATED FOR 1/2 HOUR
AND PULLED OUT TO CORE.
3.5 RAN 5 3/4" Core bbl + 5 3/4" Boasch Russ Jars had
approximately 4' of fill on bottom
Circulated on bottom for 30 min prior to dropping the
ball. Circulated ball to bottom + commenced casing w/
2000 lbs 40 rpm 900 psi.
Tagged bottom 5' high after connection appears
that the 5' of fast core was lost and had to be
reamed over. Connection @ 1646

James Charlton
SIGNATURE COMPANY ENGINEER

Reading
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TOUR REPORT

CONTRACTOR **G.P.** RIG NO **24**

FIELD **BIRCH** WELL NAME **YTE 53**

LSD SEC TWP Rge W

DRILLING DEEPENING COMPLETING

REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT **6/2/72** 19

MUD and CHEMICALS

Kind

DRILLING ASSEMBLY		END OF MORNING TOUR			END OF DAYLIGHT TOUR			END OF AFTERNOON TOUR		
STANDS	D.P.	NO. 12	113039	FT	NO. 12	113039	FT	NO. 12	113039	FT
SINGLE	D.P.	NO.		FT	NO.		FT	NO.		FT
X-OVER SUB	O.D.		300	FT		300	FT		300	FT
OTHER	O.D.			FT			FT			FT
DRILL COLLARS	O.D.		46401	FT		46401	FT		46401	FT
DRILL COLLARS	O.D.	NO.		FT	NO.		FT	NO.		FT
REAMER	O.D.	KIND		FT	KIND		FT	KIND		FT
STABILIZER	O.D.	KIND		FT	KIND		FT	KIND		FT
JARS		KIND		FT	KIND		FT	KIND		FT
BUMPER SUB.		KIND		FT	KIND		FT	KIND		FT
BIT OR CORE BARREL				FT			FT			FT
TOTAL D.P. & TOOLS			159739	FT		159739	FT		159739	FT
KELLY DOWN (BELOW R.B.)			2290	FT		2290	FT		2290	FT
DEPTH OF TOOLS			162029	FT		162029	FT		162029	FT

TOUR 1
Gel
Caustic
CMC
Spersene

TOUR	MORNING TOUR		DAYLIGHT TOUR		AFTERNOON TOUR	
DEPTH END OF TOUR	1620	FEET	1620	FEET	1620	FEET
DEPTH START OF TOUR	1620	FEET	1620	FEET	1620	FEET
FOOTAGE DRILLED	0	FEET	0	FEET	0	FEET

TOUR 2

TOUR 3
Gel
CAUSTIC

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP					68	500	68	500	68	500	68	500
ROTARY SPEED					50	50	50	50	70	RPM.		
WEIGHT ON BIT					5.8	5.8	5.8	5.8	5m	To 8m		
MUD WEIGHT			8.6		8.6	8.6	8.6	8.6	8.8	8.9	9.0	8.9
VISCOSITY			58		58	50	50	55	70	90	105	90
W.L./F.C.			12.2		12.2	12.2	12.2	12.2	7.2	7.2	7.2	7.2
p.H.			9.0		9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
MUD LEVEL IN TANKS												

REQUIRED
10 1/4 hrs.

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	TOTAL BIT FOOTAGE	FT HR	BIT CONDITION
11	8 7/8	37008	H.W. XOV	2/13		1620				

CORE No.	No.	DST No	FROM	TO	MUD ENGINEER'S REPORT						
TYPE		PREFLOW:	mins	I.H.P.	p.s.i.	I.F.P.	p.s.i.	Time	A.M.	PM	Alk
FROM		I.S.I.	mins.	F.H.P.	p.s.i.	F.F.P.	p.s.i.	Mud Wt			Int Gel
TO		V.O.	mins.	I.S.I.P.	p.s.i.	G.T.S.	mins.	Visc			W.L.F.C.
Recovery		F.S.I.	mins.	F.S.I.P.	p.s.i.	F.T.S.	mins.	A.V			p.H.
HOURS		RECOVERY:						P.V			Solid

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER	<i>James H. Coon</i>	<i>Paul Taylor</i>	<i>John Mahoney</i>	Kind	Depth	Reading
DERRICKMAN	<i>P. JONES</i>	<i>Pat Jones</i>	<i>C. HILGREN</i>			
HELPER	<i>W. Finkay</i>	<i>Richard Rypner</i>	<i>R. HICKS</i>			
HELPER	<i>O. ZEMAK</i>	<i>Albert Zalloway</i>	<i>L DAVIDSON</i>			
HELPER	<i>D. PIDKOWICK</i>	<i>Ron Binklater</i>	<i>J MARSHALL</i>			
FIREMAN						
TOOL PUSHER						

		MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
		Kind	Amount			
19				12:00	7:15	
TOUR						
38	FT.	Gel	2650L			TAKE OFF GRANT HEAD + BLOW BY
	FT.	Caustic	150L			LINE BARBER GATES.
00	FT.	CMC	150L	7:15	7:15	RIG UP DRILLING NIPPLE, FLOWLINE
	FT.	Spersene	250L		8:00	MIX MUD, FILL HOLES TO 1332 S.
	FT.					MAKE UP BIT + RUN IN.
101	FT.					
	FT.					
	FT.			8:00	9:30	RUN IN TO 1342 + PICK
	FT.			9:30	10:00	REAM + CLEAN FROM 1342
	FT.			10:00	10:15	RIG SER + BOPs
	FT.			10:15	10:15	REAM + CLEAN FROM 1342 + 60M MUD +
	FT.				4:00	HOLE + MIX MUD
39	FT.					
90	FT.					
29	FT.					
TOUR						
	FEET	GEL	3000L	1:00	5:30	MIX MUD (CONDITION HOLE)
	FEET	CAUSTIC	100L	6:30	12:00	REPAIRING TIGHT HOLE
	FEET					(SHUFFING BOPs, MIXING MUD.)
	HOURS					
	M	12:00 P.M.				

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

REQUIRED 10 bbls mud to fill the hole after standing 10 1/4 hours.

8.9
5 90
7.2
9.0

DITION

REPORT

Gel.
in. Gel

F C

p.p.m.
p.p.m.

RD

Reading

James Charlton
SIGNATURE COMPANY ENG

TOUR REPORT

CONTRACTOR **G. P.** RIG NO **24**

FIELD **BIRCH** WELL NAME **VTE53**

DRILLING DEEPENING COMPLETING

REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT

February 5 1972

MUD and CHEMICALS Kind

DRILLING ASSEMBLY	END OF MORNING TOUR	END OF DAYLIGHT TOUR	END OF AFTERNOON TOUR
STANDS D.P. NO. 11	108559 FT.	113038 FT.	113038 FT.
SINGLE D.P. NO. 2	6237 FT.		
X-OVER SUB O.D. 1	300 FT.	300 FT.	300 FT.
OTHER Flant SUB O.D. 1	132 FT.	J.SUB 194 FT.	194 FT.
DRILL COLLARS 6 1/2 O.D. 15	46401 FT.	46401 FT.	46401 FT.
J.SUB O.D. NO. 1	194 FT.		
REAMER O.D. KIND			
STABILIZER O.D. KIND			
JARS O.D. KIND			
BUMPER SUB O.D. KIND			
BIT OR CORE BARREL			
TOTAL D.P. & TOOLS	156823 FT.	159932 FT.	159932 FT.
KELLY DOWN (BELOW R.B.)	2364 FT.	2097 FT.	2097 FT.
DEPTH OF TOOLS	159187 FT.	162029 FT.	162029 FT.

TOUR 1
TOUR 2
TOUR 3

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	1591 FEET	1620 FEET	1620 FEET
DEPTH START OF TOUR	1513 FEET	1591 FEET	1620 FEET
FOOTAGE DRILLED	78 FEET	29 FEET	0 FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	5:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP S.p.m. P.S.I.	/											
ROTARY SPEED R.P.M.	50	50	50	50	50	/						
WEIGHT ON BIT M lbs.	88	8	8	8	50	/						
MUD WEIGHT lb/gal	Foam - 300cfm											
VISCOSITY GALSKIN W.	15	15	15	15	15	15	15	15	/			
W.L./F.C. P.S.I. c.c./32nd	500	300	300	500	300	300	300	/				
p.H. % SOAP	1/2	1/2	1/2	1/2	1/2	1/2	1/2	/				
MUD LEVEL IN TANKS Ft.-Ins	/											

Drilled to string f. Ran back. Pulled by line.

Double Mea

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT HR	BIT CONDITION
70	8 1/2	912066	SEC-588	3/32	2144	1513	1620	107	IN 2-2-I.
70	8 1/2	912066	SEC-588	3/32		1513	1620	238	

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT				
TYPE		PREFLOW	mins	I.H.P.	p.s.i.	I.F.P.	p.s.i.	Time	A.M. P.M.
FROM		I.S.I.	mins	F.H.P.	p.s.i.	F.F.P.	p.s.i.	Mud Wt	10 Min Gel
TO		V.O.	mins	I.S.I.P.	p.s.i.	G.T.S.	mins	Visc	W.L.F.C.
Recovery		F.S.I.	mins	F.S.I.P.	p.s.i.	F.T.S.	mins	A.V.	p.H.
HOURS		RECOVERY						P.V.	Solid
								C.A. ppm	CL ppm

Hit a B in displac 90 bbl of m

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER	KEN COON	Hughy Jones	J. MALONEY	Kind	Depth	Reading
DERRICKMAN	P. JONES	Pat Jones	CHUGREN	Totow	1600	1180
HELPER	W. FINLAY	Robert Korman	R. HICKS			
HELPER	O. ZEMAK	Albert Galloway	J. MARSHALL			
HELPER	D. PIKOWICZ	Ron Linklater	W. DAVIDSON			
FIREMAN						
TOOL PUSHER						

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
1972		1200	1245	CIRC - CLEAN TO BOT. DRILLING.
TOUR 1		1245	800	
38 FT.				
00 FT.				
94 FT.				
01 FT.				
TOUR 2		800	900	DRILL W/10" M. ON BIT Rig SER BOPS DRILL W/10" M ON BIT CIRC + WORK D. PIPE HOIST OUT + RUN SURVEY CIRC + CLEAN 20 FT. TO BOTTOM HOIST IN TO CASING CUT + SHIP NEW DRILLING SLIP NEW DRILLING LINE, DOUBLE MEASURE PIPE + RUN IN. TICK UP KELLY + REAR BRIDGE @ 1200' BLEE SHUFFLING BADLY MAKE UP MUD LINES FILL HOLE W/MUD REMOVE GRANT HEAD RUBBER BLOW KELLY HOIST OUT. TEAR OUT GRANT HEAD FROM LINE ^{IN TANKS} BUILD VOLUME
		900	915	
		915	1000	
		1000	1115	
		1115	1245	
32 FT.		1245	200	
97 FT.		200	230	
29 FT.		230	400	
TOUR 3		400	445	
		445	545	
		545	945	
		745	900	
		900	945	
		945	1045	
		1045	1200	

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Drilled to 1620 pulled 2 stands + 1 single + removed string float ran back to bottom approx 20' of fill
~~Ran back to~~
 Pulled bit into surface casing and replaced drilling line.

Double Measure of Drill Pipe Board 1130.38
 Measure 1130.46
 Difference 0.08 No Correction.

Hit A BRIDGE AT 1200' HOLE APPEARED TO BE SLOUGHING in displaced hole to mud pulled pipe Required 90 bbls of mud to fill the hole

Janner Chalister
 SIGNATURE COMPANY ENGINEER

TOUR REPORT

CONTRACTOR

G. P.

RIG NO 24

FIELD **BIRCH**

WELL NAME **YTE 53**

LSD

SEC

TWP

Rge

W

DRILLING DEEPENING COMPLETING

REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT

1-13-84 4 1972

MUD and CHEMICALS A

Kind

DRILLING ASSEMBLY	END OF MORNING TOUR		END OF DAYLIGHT TOUR		END OF AFTERNOON TOUR	
STANDS 10 + 150 ft	NO 10	1097823 FT	NO 10	93874 FT	NO 10	94864 FT
SINGLE D.P.	NO. 1	3289 FT	NO.		NO 2	6215 FT
X-OVER SUB O.D.		300 FT		300 FT	XO	300 FT
OTHER FLOAT 50 B.D.		132 FT			FLOAT	132 FT
DRILL COLLARS 6 3/4 O.D.	15	46401 FT		46401 FT	15	46401 FT
DRILL COLLARS O.D.	NO.	FT	NO.	FT	NO.	FT
REAMER O.D.	KIND	FT	KIND	FT	KIND	FT
STABILIZER O.D.	KIND	FT	KIND	FT	KIND	FT
JARS	KIND	FT	KIND	FT	KIND	FT
BUMPER SUB	KIND	FT	KIND	FT	Junk	194 FT
BIT OR CORE BARREL		FT		7240 FT		FT
TOTAL D.P. & TOOLS		147465 FT		147815 FT		50 FT
KELLY DOWN (BELOW R.B.)		1680 FT		3285 FT		37 FT
DEPTH OF TOOLS		149085 FT		151100 FT		151300 FT

TOUR 1

TOUR 2

TOUR 3

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	1489 FEET	1511 FEET	1513 FEET
DEPTH START OF TOUR	1430 FEET	1494 FEET	1511 FEET
FOOTAGE DRILLED	69 FEET	17 FEET	2 FEET

DAY WORK	HOURS				RS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP												
ROTARY SPEED R.P.M.		80	100	100	100							
WEIGHT ON BIT M lbs.		6	10	10	10							
MUD WEIGHT CFA lb/gal		300	900	300	300							
VISCOSITY GALS./MIN.		18	18	18	18							
W.P.M.C. P.S.F. c./32nd		290	290	290	290							
p.H. % SOAP		1/2	1/2	1/2	1/2							

SULFOTEX = 55

Had a laz
to returns
of water pr
Had to rep
1426 to 1430

HIT A BRID
Obtained a
to water +

RAN IN WIT
GAS RET

CUT CORE N
STRING
PLANNED O

RAN IN WIT
155 of FIC
Junk sub.

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	TOTAL FEET	FT HR	BIT CONDITION
8	8 1/2	912066	SEER 5-88	2/32		1420	1511	81		GOOD
9	6 1/2	71A-43	□			1511	1513	2		Ruined

CORE No. 5	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT					
TYPE Workdr. 1		PREFLOW	mins.	I.H.P.	psi.	I.F.P.	psi.	Time	A.M. P.M.	Alk
FROM 1511		I.S.I.	mins.	F.H.P.	psi.	F.F.P.	psi.	Mud Wt		Int. Gel 10 Min. Gel
TO 1513		V.O.	mins.	I.S.I.P.	psi.	G.T.S.	mins.	Visc.		W.L.F.C.
Recovery Nil		F.S.I.	mins.	F.S.I.P.	psi.	F.T.S.	mins.	A.V.		p.H.
HOURS 1		RECOVERY						P.V.		Sand %
SIGNATURES								Y.P.		CA. ppm CL ppm

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER	Ken Coon	Lytle Tyson	John Maloney	Kind	Depth	Reading
DERRICKMAN	P. Jones	Pat Rogers	Carl Kilgus			
HELPER	W. Finlay	John Yonker	Ralph Rich			
HELPER	O. Zemlak	Albert Holloway	Jim Marshall			
HELPER	D. Pidkowitz		Rene Davidson			
FIREMAN						
TOOL PUSHER						

1548

1.95

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
TOUR	Kind	Amount		
19 7/8		12 ⁰⁰	1 ³⁰	BLOW OUT WATER.
TOUR 1		1 ²⁰	3 ¹⁵	CLEAN TO BOTTOM
4 FT		3 ¹⁵	3 ⁴⁵	REAM BIT HOLE
15 FT		3 ⁴⁵	9 ⁰⁰	DRILLING 8 3/4 HOLE.
00 FT				
32 FT				
01 FT				
TOUR 2		8 ⁰⁰	9 ³⁰	DRILL w/ 10" diam BIT
TOUR 2		9 ³⁰	10 ³⁰	CIRC + WORK P. P. 60 FT.
TOUR 2		10 ³⁰	10 ⁴⁵	Rig SER + BOYS
94 FT		10 ⁴⁵	12 ⁰⁰	HOIST OUT TO CORE
TOUR 2		12 ⁰⁰	1 ⁰⁰	Pick up core BBL STEAM OUT + SWR
TOUR 2		1 ⁰⁰	2 ⁰⁰	RUN IN w/ CORE BBL + REAM SER IN
TOUR 2		2 ⁰⁰	4 ⁰⁰	BRAKE CIRC CLEAN 50 FT FILL
TOUR 3		4 ⁰⁰	5 ⁰⁰	CUTTING CORE
TOUR 3		5 ⁰⁰	5 ¹⁵	Circ prior to hoisting
TOUR 3		5 ¹⁵	5 ⁴⁵	Stid Back Kelly + Remove GRANT head RUBBER
TOUR 3		5 ⁴⁵	6 ⁰⁰	HOIST OUT.
TOUR 3		6 ⁰⁰	7 ¹⁵	Work Core BBL + Stid BACK IN DEARICK (REMOVED)
TOUR 3		7 ¹⁵	7 ³⁰	Rig SERVICE.
TOUR 3		7 ³⁰	9 ⁰⁰	MAKE UP BITS JUNK SUB + RUN IN.
TOUR 3		9 ⁰⁰	10 ¹⁵	BRAKE PIPE + CLEANING TO BTM.
TOUR 3		10 ¹⁵		
SULFOTEX = 55 GALS.				

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Had a lazy 6' flow on blue line for 12 min prior to returns after connection 90' off bottom considerable amount of water prior to foam returns.

Had to ream hole from 1210 to 1430 Reamed 10" hole 1426 to 1430 in 3/4 hour

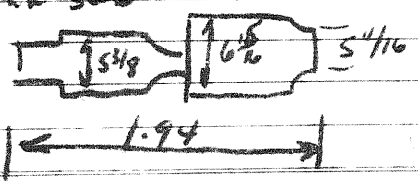
HIT A BRIDGE Approx 40' off bottom with 40' of Fill. Obtained a lazy flow for approximately 12 min prior to water then foam returns at surface.

RAN IN WITH 57/8 1 3/2 x 60' CORE BARREL BROKE CIRCULATION GAS RETURNS AS ABOVE

CUT CORE NOS 15-11 to 1513 CORE WOULD NOT CM + PULLED STRING BIT COMPLETED RUINED WHOLE BOTTOM PLANNED OFF.

RAN IN WITH JUNK SUB HAD A APPROXIMATELY 155 OF FILL + BRIDGES.

Junk sub.



James Chalkley
SIGNATURE COMPANY ENG

TOUR REPORT

CONTRACTOR **G.P.** RIG NO **24**

FIELD **Birch** WELL NAME **YTES3**

LSD SEC TWP Rge W

DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING

FOR 24 HOURS ENDING 12 MIDNIGHT **FEB 8 1973**

MUD and CHEMICALS Kind

DRILLING ASSEMBLY	END OF MORNING TOUR		END OF DAYLIGHT TOUR		END OF AFTERNOON TOUR	
STANDS 4 1/2 D.P.	NO 10	901 03 FT	NO 9	825 19 FT	NO	815 19 FT
SINGLE D.P.	NO.		NO 5	31 65 FT	NO	31 65 FT
X-OVER SUB O.D.		310 FT		300 FT		300 FT
OTHER O.D.						
DRILL COLLARS 6 7/8 O.D.	15	464 01 FT		464 01 FT		464 01 FT
DRILL COLLARS O.D.	NO		NO		NO	
REAMER O.D.	KIND		KIND		KIND	
STABILIZER O.D.	KIND		KIND		KIND	
JARS O.D.	KIND		KIND		KIND	
BUMPER SUB	KIND		KIND		KIND	
BIT OR CORE BARREL				724 0 FT		724 0 FT
TOTAL D.P. & TOOLS		1408 39 FT		1396 25 FT		1396 25 FT
KELLY DOWN (BELOW R.B.)		1418 35 FT		31 75 FT		33 57 FT
DEPTH OF TOOLS		1425 74 FT		1428 00 FT		1428 00 FT

TOUR 1
941.64
3.00
464.01
1409-29
16.71
1428.00

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	1426 FEET	1428 FEET	
DEPTH START OF TOUR	1426 FEET	1426 FEET	1428 FEET
FOOTAGE DRILLED		2 FEET	

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP S.P.M. P.S.I.												
ROTARY SPEED R.P.M.												
WEIGHT ON BIT M.lbs.												
MUD WEIGHT lb/gal												
VISCOSITY sec/qt												
W.L.F.C. c.c./32nd												
p.H.												
MUD LEVEL IN TANKS Ft.-Ins.												

SULFOTEX =
 CI of +
IAflow
 Ran on
 of shut
 well with
 the well
 Test

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FOOTAGE	FT HR	BIT CONDITION
6	8 3/4	912066	SEC. 588	3-22	5 1/2	1314	1426	50		1-1-1
7	6 7/8	71A49	◇		11 1/4	1426	1430	4		Ruined.

2
3
4
5
6 Recover
 was blow
 water v
 20 to 30
 the uni
 Pulled
 Ran in u
 approx
 Circula
 pulled
 ruined
 Core #
 Small amou
 when ran

CORE No. 4	No.	DST No.	PREFLOW		MUD ENGINEER'S REPORT	
Diagonal		Reamed from bridge with foam.	300 cfm	18 gal	1/2 % Sulfotex	250 psi
FROM 1426		I.S.I.	mins.	F.H.P.	p.s.i.	F.F.P.
TO 1430		V.O.	mins.	I.S.I.P.	p.s.i.	G.T.S.
Recovery 3.5		F.S.I.	mins.	F.S.I.P.	p.s.i.	F.T.S.
HOURS 1 1/4		RECOVERY				

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
	Kind	Depth	Reading			
DRILLER	R. BEAUDRY	K. CHRISTENSEN	Rufe Tyson			
DERRICKMAN	K. BRAI	P. TONES	Pat Soesieff			
HELPER	M. JABLONSKI	W. FINLAY	Richard? Virginia			
HELPER	B. NICHOLLS	O. ZENTAK	Albert Holloway			
HELPER	J. THOMAS	D. PIRKOWICK	Ron Kirkland			

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
1973 TOUR 1		12 ⁰⁰	1 ¹⁵	LET STAND Empty
19 FT 941.64		1 ¹⁵	2 ⁰⁰	Blow out WATER
65 FT		2 ⁰⁰	4 ¹⁵	LET STAND Empty
00 FT 300		4 ¹⁵	4 ⁴⁵	Blow out WATER
		4 ⁴⁵	6 ⁴⁵	LET STAND Empty
01 FT 464.01		6 ⁴⁵	7 ³⁰	Blow out WATER
		7 ³⁰	8 ⁰⁰	LET STAND Empty
		8 ⁰⁰	9 ³⁰	LET STAND Empty
		9 ³⁰	10 ¹⁵	Blow out WATER
		10 ¹⁵	11 ⁰⁰	LET STAND Empty
		11 ⁰⁰	12 ⁰⁰	PULL ROTATING HEAD, HOIST
		12 ⁰⁰	12 ¹⁵	THE SER. B.O.P. V BRAKE V
4.0 FT		12 ¹⁵	1 ¹⁵	PICK UP BARREL, WARM SER. SAME.
2.5 FT 1409.29		1 ¹⁵	2 ⁰⁰	RUN IN
57 FT 16.71		2 ⁰⁰	3 ³⁰	PULL ON ROTATING HEAD, BREAK CIRC
		3 ³⁰	4 ⁰⁰	CLEAN 30' TO BIT
		4 ⁰⁰	4 ¹⁵	CUTTING CORE 4'
		4 ¹⁵	5 ⁰⁰	R 3 SER.
		5 ⁰⁰	6 ¹⁰	Gasing #4
		6 ¹⁰	7 ³⁰	HOIST OUT + CHECK BLIND RAMS
		7 ³⁰	8 ⁰⁰	RECOVER CORE + SER. BBL.
		8 ⁰⁰	12 ⁰⁰	RUN IN w/ BIT #8
				PICK UP R. HEAD BRAKE CIRC AT 1210
				RETURN TO BOTTOM
SULFOTEX = 25 GALS.				

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Cl- of the water 75 to 100 ppm.
Inflow Well Test 12⁰⁰ AM to 11⁰⁰ AM.
 Ran an additional 4 tests (Total of 5) which consisted of shutting the well in for 2 hours then blowing the well with one compressor until unloaded then blowing the well for two hours with 2 compressors.

Test	Unloading pressure	Circulating pressure
2	275-280 psi	250 psi.
3	280 psi	200-250 psi.
4	280 psi	210-250 psi
5	350 psi	200-240 psi

6 Recovered 20 to 30 bbls of water each time the well was blown out. Small amount of gas just prior to water reaching surface. Well was making approximately 20 to 30 bbls during the 30 min period following the unloading. Cl- 75 to 100 psi. Approx 7' of fill on bottom. Pulled String to core. Checked blind ram OK.
 Ran in with 5 7/8" x 3 1/2" x 60' core bbl with jars found approx. 30' of fill. (4718 Boasch Russ jars)
 Circulated out fill cut 4' of core. Stopped coring. Pulled core. Core head had run on chert completely ruined. Ringed 1/2" wide and 114" deep.
Core # 4 1426-1430 Rec 3.5'
 Small amount of gas prior to foam returns when rooming bridge at 1210

James Thomas
 SIGNATURE COMPANY ENGINEER

TOUR REPORT

FIELD *Birch* WELL NAME *YTES3* CONTRACTOR *GP* RIG NO *24*
 DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT *Feb 2 1972*

DRILLING ASSEMBLY	END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR				
STANDS	DP	NO		FT	NO		FT	NO		FT	NO		FT
SINGLE	DP	NO		FT	NO		FT	NO		FT	NO		FT
X-OVER SUB	OD			300	FT		300	FT		60			300
OTHER	OD				FT			FT					FT
DRILL COLLARS	OD	15		46401	FT		46401	FT		15			46401
DRILL COLLARS	OD	NO			FT	NO			FT	NO			FT
REAMER	OD	KIND			FT	KIND			FT	KIND			FT
STABILIZER	OD	KIND			FT	KIND			FT	KIND			FT
JARS		KIND			FT	KIND			FT	KIND			FT
BUMPER SUB		KIND			FT	KIND			FT	KIND			FT
BIT OR CORE BARREL					FT				FT				FT
TOTAL D.P. & TOOLS					FT		137765	FT					138539
KELLY DOWN (BELOW R.B.)					FT		2235	FT					1735
DEPTH OF TOOLS					FT		14000	FT					14200
TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR				
DEPTH END OF TOUR					FEET		1400	FEET					1426
DEPTH START OF TOUR					FEET		1376	FEET					1400
FOOTAGE DRILLED					FEET		24	FEET					26

DAY WORK	HOURS				HOURS				HOURS				
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.	
PUMP	S.P.M. P.S.I. <i>AIR PRESS 250-60</i>												
ROTARY SPEED	R.P.M. <i>55 55 55</i>												
WEIGHT ON BIT	M lbs. <i>300 C.F.M.</i>												
MUD WEIGHT	lb/gal <i>6.1 PM 18 18 15 15</i>												
VISCOSITY	sec/qt <i>1/2 % SOAP</i>												
W.L./F.C.	c.c./32nd												
p.H.	<i>CFM 300 300 300 300 300</i>												
MUD LEVEL IN TANKS	Ft.-Ins.												

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	TOTAL BIT FOOTAGE	FT HR	BIT CONDITION
6	93/4	912066	SEC S88	3-22	2	1374	1376			
6	87/4	912066	SEC S88	3/22	5 1/2	1374	1426	52		

CORE No.	No.	DST No	FROM	TO	MUD ENGINEER'S REPORT				
TYPE		PREFLOW	mins	IHP	p.s.i.	I.F.P.	p.s.i.	Time	AM PM
FROM		I.S.I.	mins	FHP	p.s.i.	E.F.P.	p.s.i.	Mud Wt.	
TO		V.O.	mins	ISIP	p.s.i.	G.I.S.	mins	Visc	W.L.F.C.
Recovery		F.S.I.	mins	FSIP	p.s.i.	F.T.S.	mins	A.V.	p.H.
HOURS		RECOVERY						P.V.	Solid

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
				Kind	Depth	Reading
DRILLER	<i>R. BERUDAL</i>	<i>K. CHRISTENSEN</i>	<i>Lyle</i>			
DERRICKMAN	<i>Ken Bray</i>	<i>P. Jones</i>	<i>Pat Frazier</i>		1396	1/4°
HELPER	<i>Mike Jankowski</i>	<i>W. Finbar</i>	<i>Richard Wagner</i>			
HELPER	<i>Barry Nichols</i>	<i>L.D. Zeinluk</i>	<i>Albert Salway</i>			
HELPER	<i>Isaac Thomas</i>	<i>D. Pidkovich</i>	<i>Roy B. Blatter</i>			
FIREMAN						
TOOL PUSHER						

MUD and CHEMICALS A Kind

TOUR 1

TOUR 2

TOUR 3

Sulfotax = 2

Small gas little water

Drilled + foam out up to 230 off the well with air 20-30 bbls Shut the stand on compress was pres Well was with one 11:15 pm shut.

MUD and CHEMICALS ADDED		From	To	
1972	Kind	Amount		
TOUR	TOUR 1	12 ⁰⁰	12 ¹²	R.G SER
03 FT.		12 ¹²	1 ⁰⁰	TESTING
FT.		1 ⁰⁰	1 ³⁰	PULL PACKER LOOSE
00 FT.		1 ³⁰	5 ⁰⁰	PULL PACKER SLOWLY, BREAK DOWN & SERVICE SAME
FT.		5 ⁰⁰	5 ³⁰	REPAIR TONG W/ 1" LINE & STEAM LINE
01 FT.		5 ³⁰	6 ³⁰	RAJ DOWN 6 3/4 CORE BBL
FT.		6 ³⁰	8 ⁰⁰	RUN IN W/ BIT #6
FT.	TOUR 2	8 ⁰⁰	10 ⁴⁵	BREAK CIRC & CLEAN 180' TO ATM.
FT.		10 ⁴⁵	11 ⁴⁵	DRILL 8" HOLE
FT.		11 ⁴⁵	12 ¹⁵	CIRC & WORK P.P.
FT.		12 ¹⁵	12 ¹⁵	BIGGER B.O.P.V. SURVEY
FT.		12 ⁴⁵	3 ⁰⁰	CIRC & WORK P.P. W.O.O.
39 FT.		3 ⁰⁰	4 ⁰⁰	DRAG W/ 10-12 in
35 FT.				
00 FT.	TOUR 3	4 ⁰⁰	5 ⁰⁰	DRILL W/ 10 in
03 FT.		5 ⁰⁰	5 ¹⁵	R.G SER
FEET		5 ¹⁵	5 ⁴⁵	DRILL
FEET		5 ⁴⁵	6 ¹⁵	CIRC 1/4 HR. Blow foam OUT of Hole
FEET		6 ¹⁵	8 ⁴⁵	LET STAND FOR 2 HR. To See How Much WATER
HOURS		8 ⁴⁵	9 ⁰⁰	BLOW OUT WATER
M 12:00 P.M.	SULFOTRX = 25 GALS.	11 ⁰⁰	11 ¹⁵	LET STAND FOR 2 HRS.

CEMENTING TESTING 11:15 12:00 SPECIAL JOB DETAILS INCLUDING ENGINEERING SUMMARIES

LET STAND FOR 2 HR.

Small gas blow just before foam returns very little water in the hole (?)

Drilled to 1426 ~~td~~-circulated for 1/2 hour. Blew foam out with air blew air for ~~20~~ 13 1/4 hrs. Pressured up to 230 psi obtained slug of water pressure dropped off then built up to 230 psi. then dropped to 160 psi with air returns. Appeared to be unloading approx 20-30 bbls per hour while blowing air.

Shut the air off and allowed the well to stand empty for 2 hours. Blew hole with two compressors. Obtained air & water blow which was preceded by foam estimated 20-40 bbls unloaded. Well was blown with one compressor No returns with one compressor shut in for 2 hrs at 11:15 pm pumping air at 225 to 250 psi prior to shut.

Cl of water 75 to 100 ppm

Reading
1/4"

James Chatfield
SIGNATURE COMPANY ENGINEER

TOUR REPORT

FIELD *BIRCH* WELL NAME *17553*

CONTRACTOR *G.O.* RIG NO *24*

DRILLING DEEPENING COMPLETING

REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT *FEB 2*

1972

DRILLING ASSEMBLY	END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
	STANDS	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
SINGLE	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	
X-OVER SUB	O.D.		FT.		FT.		FT.		FT.		FT.	
OTHER	O.D.		FT.		FT.		FT.		FT.		FT.	
DRILL COLLARS	O.D.		FT.		FT.		FT.		FT.		FT.	
DRILL COLLARS	O.D.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	
PEAMER	O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	
STABILIZER	O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	
JARS		KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	
BUMPER SUB		KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	
BIT OR CORE BARREL			FT.		FT.		FT.		FT.		FT.	
TOTAL D.P. & TOOLS			FT.		FT.		FT.		FT.		FT.	
KELLY DOWN (BELOW R.B.)			FT.		FT.		FT.		FT.		FT.	
DEPTH OF TOOLS			FT.		FT.		FT.		FT.		FT.	

*One
Two*

TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR			
	DEPTH END OF TOUR	DEPTH START OF TOUR	FOOTAGE DRILLED	HOURS	DEPTH END OF TOUR	DEPTH START OF TOUR	FOOTAGE DRILLED	HOURS	DEPTH END OF TOUR	DEPTH START OF TOUR	FOOTAGE DRILLED	HOURS
DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.

PUMP	s.p.m. p.s.i.	ROTARY SPEED	R.P.M.	WEIGHT ON BIT	M lbs.	MUD WEIGHT	lb/gal	VISCOSITY	sec/qt	W.L.F.C.	c.c./32nd	p.H.	MUD LEVEL IN TANKS	Ft.-Ins.

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FEET HR	BIT CONDITION

CORE No.	No.	DST No	FROM	TO	MUD ENGINEER'S REPORT			
		<i>1</i>	<i>1318</i>	<i>1376</i>	Time	AM	PM	Aik
TYPE		PREFLOW	<i>7</i> mins	IHP	<i>449</i> psi	IFP	<i>110</i> psi	Int. Gel
FROM		ISI	<i>60</i> mins	FHP	<i>438</i> psi	FFP	<i>192</i> psi	Mud Wt
TO		VO	<i>45</i> mins	ISIP	<i>286</i> psi	GTS	<i>Nil</i>	Visc
Recovery		FSI	<i>90</i> mins	FSIP	<i>286</i> psi	FTS	<i>Nil</i>	AV
HOURS		RECOVERY	<i>330' of Dirty Water CI-50-75</i>				PV	Sund

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
	Kind	Depth	Reading			
DRILLER	<i>A. Deaudri</i>					
DERRICKMAN	<i>K. Brai</i>					
HELPER	<i>P. Jablonski</i>					
HELPER	<i>B. Nicholl</i>					
HELPER	<i>T. Thomas</i>					
FIREMAN						
TOOL PUSHER	<i>Cal. Thomas</i>					

ATUD and CHEMICALS	Kind
	TOUR 1
	TOUR 2
	TOUR 3

DST #1 I
Ran John
drill pipe
bottom hole
length inc
the tool.
AK Range 0-4
at 1297'.
for 7 min
at 10:40
for 90 min
water) W
water after
(bubblat
unseat pack
dirty wa
Recovered w
Rubbers
IHP 449 psi
appears com
385 psi

1972

OUR
FT.
FT.
FT.
FT.
FT.
FT.
FT.
FT.
FT.
FT.
FT.
R
FEET
FEET
FEET
HOURS
12:00 P.M.

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
TOUR 1				
TOUR 2				
TOUR 3				

Page One of Two

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

DST #1 Interval 1318-1376 ~~Permian~~ Permian Sandstone
 Ran Johnson Hydraulic MFE Testing tool on dry 4 1/2" drill pipe + 7" x 2 7/8" collars. Tail pipe 5 1/8" made up of 1-7" bottom hole drill collar 30.21' + 10' of perforations. Overall tool length including hydraulic sub lift jars 93.26'. Pump out sub run 90' above the tool. Tested with dual 7 3/4" ^{bob tail} rubbers. Outside recorder Range 0-4600 x 12hr @ 1329. Inside recorder ^{AKI 1600} NO-4100 x 12hr at 1297'. Had 7' of fill on bottom. VO for pre flow @ 9:23 PM for 7 min ISI at 9:30 PM Feb 11/72 for 60 min VO for flow at 10:40 PM Feb 11/72 for 45 min FSE at 11:45 PM Feb 11/72 for 90 min. Fair air blow on pre flow (bubbled 12" under water) Weak air blow on flow period (bubbled 1 1/2" under water after 7 min) decreased to very weak after 45 min (bubbled 1/2" under water). Pulled 1700 psi over string out to unseat packers. No Gas to Surface Recovered 330' of dirty water CI = 50-75 ppm. Drilling Water CI = 50 ppm. Recovered water appeared to have some foam in it. BHT = 64°F. Rubbers both OK. Bottom Hole choke 1/2".
 IHP 449 psi FHP 438 psi ISI 286 psi appears complete FSI 286 psi appears complete FP 110-142 psi Pressure drop on pre flow 305 psi Test OK. Both charts OK.

James Charleston
SIGNATURE COMPANY ENGINEER

TOUR REPORT

FIELD Birch WELL NAME YTE 53 CONTRACTOR GP RIG NO 24
 DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT February 1 1972

DRILLING ASSEMBLY	END OF MORNING TOUR	END OF DAYLIGHT TOUR	END OF AFTERNOON TOUR
STANDS D.P. NO.		NO. <u>9</u> <u>847</u> <u>39</u> FT.	NO. <u>9</u> <u>847</u> <u>39</u> FT.
SINGLE D.P. NO.		NO. <u>5</u> <u>31</u> <u>70</u> FT.	NO. <u>2</u> <u>31</u> <u>70</u> FT.
X-OVER SUB O.D.		<u>300</u> FT.	<u>300</u> FT.
OTHER O.D.			
DRILL COLLARS <u>15 6 1/2</u> O.D.		<u>464</u> <u>01</u> FT.	<u>464</u> <u>01</u> FT.
DRILL COLLARS O.D. NO.			
REAMER O.D. KIND			
STABILIZER O.D. KIND			
JARS KIND			
BUMPER SUB. KIND			
BIT OR CORE BARREL			
TOTAL D.P. & TOOLS		<u>1346</u> <u>10</u> FT.	<u>1346</u> <u>10</u> FT.
KELLY DOWN (BELOW R.B.)		<u>2990</u> FT.	<u>2990</u> FT.
DEPTH OF TOOLS		<u>1376</u> <u>00</u> FT.	<u>1376</u> <u>00</u> FT.

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	<u>1374</u> FEET	<u>1376</u> FEET	<u>1376</u> FEET
DEPTH START OF TOUR	<u>1368</u> FEET	<u>1374</u> FEET	<u>1376</u> FEET
FOOTAGE DRILLED	<u>6</u> FEET	<u>2</u> FEET	<u>0</u> FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP s.p.m. p.s.i.	/											
ROTARY SPEED R.P.M.	<u>40-50</u>											
WEIGHT ON BIT M lbs.	<u>10</u>											
MUD WEIGHT lb/gal												
VISCOSITY sec/qt												
W.L./F.C. c.c./32nd	/											
p.H.												
MUD LEVEL IN TANKS Ft.-Ins.												

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT HR	BIT CONDITION
<u>5</u>	<u>1 1/2</u>	<u>71454</u>	<u>Ø</u>		<u>2</u>	<u>1368</u>	<u>1374</u>	<u>6</u>	<u>RUIINED</u>
<u>6</u>	<u>8 3/4</u>	<u>912266</u>	<u>SEC. S-88</u>	<u>3-22</u>	<u>1</u>	<u>1374</u>	<u>1376</u>	<u>2</u>	<u>NEW</u>

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT			
<u>3</u>		<u>1</u>	<u>1368</u>	<u>1376</u>	Time	A.M.	P.M.	Air
TYPE	<u>Diamond</u>	PREFLOW	<u>7</u> mins	I.H.P.	p.s.i.	I.F.P.	p.s.i.	Int. Gel
FROM	<u>1368</u>	I.S.I.	<u>60</u> mins	F.H.P.	p.s.i.	F.F.P.	p.s.i.	10 Min. Gel
TO	<u>1374</u>	V.O.	<u>45</u> mins	I.S.I.P.	p.s.i.	G.T.S.	mins.	Visc.
Recovery	<u>4'</u>	F.S.I.	<u>90</u> mins	F.S.I.P.	p.s.i.	F.T.S.	mins.	A.V.
HOURS	<u>2</u>	RECOVERY						p.H.
								P.V.
								Sand
								C.A. ppm
								C.L. ppm

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER	<u>R. BEAUDRY</u>	<u>K. CHRISTENSEN</u>	<u>Paul J. ...</u>	Kind	Depth	Reading
DERRICKMAN	<u>K. BRAJ</u>	<u>P. TONES</u>	<u>Pat Gossier</u>			
HELPER	<u>M. YABROWSKI</u>	<u>W. FINLAY</u>	<u>Richard ...</u>			
HELPER	<u>B. NICHOLLS</u>	<u>O. ZENTAK</u>	<u>Albert ...</u>			
HELPER	<u>J. THOMAS</u>	<u>D. DIDKOWICH</u>	<u>Ron ...</u>			
FIREMAN						
TOOL PUSHER	<u>...</u>					

MUD and CHEMICALS
 Kind
 TOUR 1
 TOUR 2
 TOUR 3
 Broke c
 flame in
 burned wit
 Cut Core
 jammed
 Recovered
 the swiv
 CHECK
 PIPE TALK
 MEASURE
 DIFF
 Flapper
 pipe fit
 Checked
 included a
 line w
 of floor

1972		MUD and CHEMICALS ADDED		OTHER HOURLY OPERATING DETAIL		
		Kind	Amount	From	To	WORK DONE
TOUR						
TOUR 1				12:00	12:15	R.G. SER.
39 FT.				12:15	12:30	FINISH IN W/CORE BBL
70 FT.				12:30	1:30	BREAK CIRC & CLEAN TO BOTTOM
00 FT.				1:30	3:30	CUT CORE # 3
				3:30	4:45	HOIST CORE BBL
				4:45	5:45	RECOVER CORE
01 FT.				5:45	6:45	WORK ON COAT BBL STAND IN DEER. of
				6:45	8:00	WAIT ON ORDERS
				8:00	8:15	W.O.O.
TOUR 2				8:15	8:30	R.G. SER. B.O.P. V
				8:30		TURN IN SHOW, PUT ON ROTATING HEAD, BREAK
					11:15	CIRC, HEAM OUT TIGHT SPOTS.
				11:15	12:15	HEAM KATAKE FROM 1368-70, DRILL 2'
				12:15	2:15	CIRC & WORK PIPE. W.O.O.
10 FT.				2:15	3:30	Pull ROTATING HEAD, HOIST, MEASURE.
90 FT.				3:30	4:00	MAKE UP BULL HEAD, D.S.T. 1"
00 FT.				4:00	4:15	Big Ser Bops
UR				4:15	6:00	Pick up Testing Tools & MAKEUP
FEET				6:00	6:30	RUN IN D.C.
FEET				6:30		Blow Bops MANAFOLD Hook up WATER
FEET					7:30	TO G.M. MANAFOLD + CHANGE 2" VALVE OR RIZER
HOURS				7:30	8:00	END FAIR LINE Blow out FAIR LINE
M. 12:00 P.M.				8:00	8:00	RUN IN W/TEST #1 8:00-9:00 HEAD UP
				9:00	12:00	TESTING #1

CEMENTING, TESTING, FISHING SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Broke circulation with foam obtained 4' lazy flow 1 min before water + foam returns gas burned with water returns stopped when foam reached surface 10-15 bbls
 Cut Core # 3 1368-1374 K₂ 4.0 Core jammed bit run on chert completely ruined

Recovered 1/2 the flapper from the float in the swivel of the inner barrel

CHECK BLIND RAMS OK.

PIPE TALKS 1386.74
 MEASURE 1385.42
 DIFF 1.33 No correction made.

Flapper of float completely recovered broken piece fit piece on float with no metal missing.

Checked hydril + pipe rams held BOP drill which included opening blow down manifold Blew out flare line with air OK. Hooked steam to exhaust of floor motors.

Jama Chabot
 SIGNATURE COMPANY ENGINEER

TOUR REPORT

CONTRACTOR **G.P.**

RIG NO. **24**

FIELD **Birch**

WELL NAME **ITE 5'3**

LSD

SEC

TWP

Rge

W

DRILLING DEEPENING COMPLETING

REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT

JAN. 31

1972

MUD and CHEMICALS

Kind

DRILLING ASSEMBLY	END OF MORNING TOUR			END OF DAYLIGHT TOUR			END OF AFTERNOON TOUR		
STANDS 4 1/2 D.P.	NO. 8	751	77 FT.	NO. 8	752	54 FT.	NO. 8	752	54 FT.
SINGLE D.P.	NO. 1	30	54 FT.	NO. 2	62	14 FT.	NO. 2	62	14 FT.
X-OVER SUB O.D.	1	300	FT.		300	FT.		300	FT.
OTHER O.D.			FT.			FT.			FT.
DRILL COLLARS 6 7/8 O.D.	15	464	01 FT.		464	01 FT.		464	01 FT.
DRILL COLLARS O.D.	NO.		FT.	NO.		FT.	NO.		FT.
REAMER O.D.	KIND		FT.	KIND		FT.	KIND		FT.
STABILIZER O.D.	KIND		FT.	KIND		FT.	KIND		FT.
JARS	KIND		FT.	KIND		FT.	KIND		FT.
BUMPER SUB.	KIND		FT.	KIND		FT.	KIND		FT.
BIT OR CORE BARREL		619	1 FT.		619	1 FT.		619	1 FT.
TOTAL D.P. & TOOLS		1314	23 FT.		1343	60 FT.		1343	60 FT.
KELLY DOWN (BELOW R.B.)		25	77 FT.		11	90 FT.		24	64 FT.
DEPTH OF TOOLS		1340	00 FT.		1355	50 FT.		1368	24 FT.

TOUR 1
GEL
C.M.C.
Soaps
SPERSENT

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	1340 FEET	1355 FEET	1368 FEET
DEPTH START OF TOUR	1331 FEET	1340 FEET	1355 FEET
FOOTAGE DRILLED	9 FEET	15 FEET	13 FEET

TOUR 2
~~Soaps~~

TOUR 3
~~Soaps~~

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP					Air Press 250-60							
ROTARY SPEED	46-60				300 C.F.M.				50-58	50-58		
WEIGHT ON BIT	12				18 G.P.M.				12-15	12-15		
MUD WEIGHT	AIR FOAM				1/2 - 3/4 % Sulfotex						84	
VISCOSITY	300 C.F.M.										54	
W.L.F.C.	18 gpm							11	11		14	2
p.H.	260 psi							11	11		9.5	
MUD LEVEL IN TANKS	1/2 - 3/4 % Sulfotex							11	11			

TOTAL SOAP

Cut Dia
Williams
Recovered
Ran 436
Obtained
blow line
Reading
Blow stop

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT. HR.	BIT CONDITION
3	8 7/8	21063	WILLIAMSON	3 7/8	1331	1340	9		Good.
3	8 7/8	21063	WILLIAMSON	10 1/4	1331	1368	37	57	DAMAGE TO FACE

Cut Dia

Core hear
pebble.

Stool
Core Ra

CORE No	No 1	No 2	DST No.	FROM	TO	MUD ENGINEER'S REPORT					
TYPE	Diamond	Diamond	PREFLOW	mins.	I.H.P.	psi.	I.F.P.	psi.	Time	A.M.	Aik
FROM	1331	1340	I.S.I.	mins.	F.H.P.	psi.	F.F.P.	psi.	Mud Wt		Int. Gel
TO	1340	1368	V.O.	mins.	I.S.I.P.	psi.	G.T.S.	mins.	Visc		W.L.F.C.
Recovery	9	28.2	F.S.I.	mins.	F.S.I.P.	psi.	F.T.S.	mins.	A.V.		p.H.
HOURS	3 1/2	6 3/4	RECOVERY						P.V.		Soil

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	Y.P.
DRILLER	R. BEAUDRY	K. CHRISTENSEN	L. Johnson	
DERRICKMAN	K. BRADY	P. JONES	Pat. Johnson	
HELPER	M. Jablonski	W. Finlay	Richard Roemer	
HELPER	B. Nicholas	D. ZRALAK	Albert Johnson	
HELPER	E. THOMAS	D. PIDKOWICH	ROU. Johnson	
FIREMAN				
TOOL PUSHER	AK Hansen			

DEVIATION RECORD

Kind Depth Reading

1972		MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
TOUR	Kind	Amount				
	TOUR 1		12 ⁰⁰	12 ⁴⁵		FINISH IN W/CORE BBL, BREAK CIRC & R.G SERVICE
54	FT.	GEL	1000 [#]	12 ⁴⁵	2 ³⁰	CLEAN 15' TO BOTTOM
14	FT.	C.M.C.	50 [#]	2 ³⁰	6 ⁰⁰	CORING
00	FT.	SOAPS		6 ⁰⁰	6 ¹⁵	CIRC MAKE
	FT.	SPERSENE	50 [#]	6 ¹⁵	6 ⁴⁵	HOIST CORE BBL
01	FT.			6 ⁴⁵	8 ⁰⁰	WORK ON FUEL LINES
	FT.			8 ⁰⁰	8 ¹⁸	WORK ON FUEL LINES
	FT.	TOUR 2		8 ¹⁸	9 ⁰⁰	FINISH HOISTING.
	FT.			9 ⁰⁰	9 ³⁰	RECOVER CORE
	FT.			9 ³⁰	10 ¹⁵	SER. BARREL! MAKE UP SAME, RIG SER. BBL
	FT.			10 ¹⁵	11 ¹⁵	RUN IN SHOW.
91	FT.			11 ¹⁵	12 ¹⁵	BREAK CIRC REAM THROUGH TRANT
60	FT.			12 ¹⁵	4 ⁰⁰	SPOT CIRC, DROP BALL.
64	FT.					CUTTING CORE #1
24	FT.	TOUR 3		4 ⁰⁰	7 ⁰⁰	7:2:37 GETTING CORE #2, 4:56
	FEET	SUPERSENE	200[#]	7 ⁰⁰	8 ⁰⁰	HOIST OUT CORE BBL
	FEET			8 ⁰⁰	8 ¹⁵	RIG SER - BOPs
	FEET			8 ¹⁵	10 ⁰⁰	RECOVER CORE
	FEET			10 ⁰⁰	11 ⁰⁰	STAND 8 3/4" CORE IN DERRICK +
	HOURS			11 ⁰⁰	12 ⁰⁰	PICK UP 5 3/4" CORE BBL + SER.
12:00 P.M.		TOTAL SOAP USED	JAN. 31 = 60 GALS.			RUN IN W/CORE BBL.

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Cut Diamond Core #1 Using 6 7/8" core bbl + 8" 1/16
Williams Core Head Cored 1331-1340 Core jammed
Recovered 9' Full Recovery badly broken up.

Ran 4 3/4" Boasch Russ Jars on top of core bbl
Obtained a lazy 6-8' flare at the end of the
blow line Picked up foam @ returns at the surface
Reading obtained on gas indicator indicated methane
Blow stopped when foam reached the surface.

Cut Diamond Core #2 1340 - 1368 Rec 28.2

Core head ringed appeared to run onto a chert
pebble.

Stool back 6 7/8" core bbl and picked up 5 3/4 x 3"
Core Ran 4 3/4" Boasch Russ jars on top of core barrel.

James Thibault
SIGNATURE COMPANY ENG. NEP

TOUR REPORT

CONTRACTOR **G.P.** RIG NO **24**

FIELD **BIRCH** WELL NAME **17553** LSD SEC TWP Rge W
 DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT **JANUARY 30 1972**

MUD and CHEMICALS
Kind

DRILLING ASSEMBLY	END OF MORNING TOUR		END OF DAYLIGHT TOUR		END OF AFTERNOON TOUR	
STANDS 4 1/2 D.P.	NO. 8	73177 FT.	NO. 9	84639 FT.	NO.	84839 FT.
SINGLE D.P.	NO.	FT.	NO.	FT.	NO.	FT.
X-OVER SUB O.D.	1	300 FT.		300 FT.		300 FT.
OTHER O.D.		FT.		FT.		FT.
DRILL COLLARS O.D.		FT.		FT.		FT.
DRILL COLLARS 6 1/8 O.D.	NO. 15	46401 FT.	NO.	46401 FT.	NO.	46401 FT.
REAMER O.D.	KIND	FT.	KIND	FT.	KIND	FT.
STABILIZER O.D.	KIND	FT.	KIND	FT.	KIND	FT.
JARS	KIND	FT.	KIND	FT.	KIND	FT.
BUMPER SUB	KIND	FT.	KIND	FT.	KIND	FT.
BIT OR CORE BARREL		FT.		FT.		FT.
TOTAL D.P. & TOOLS		121878 FT.		131338 FT.		131438 FT.
KELLY DOWN (BELOW R.B.)		3664 FT.		1662 FT.		1662 FT.
DEPTH OF TOOLS		125542 FT.		133000 FT.		133160 FT.

TOUR 1
Coel

TOUR 2
Spersene

TOUR 3
Soap 55 GALS

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	1255 FEET	1330 FEET	1331 FEET
DEPTH START OF TOUR	1148 FEET	1255 FEET	75 1330 FEET
FOOTAGE DRILLED	107 FEET	75 FEET	1 FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP	AIR PRESS 200 PSI				AIR PRESS 250-260							
ROTARY SPEED	100	100	100	100	100	100	100	100				
WEIGHT ON BIT	10	10	10	10	10	10	12	12				
MUD WEIGHT	AIR 300 C.F.M.				300 C.F.M.							
VISCOSITY	AIR PRESSURE 250-260											
W.L./F.C.												
p.H.	1/2 % SOAP AT 15 G.P.M.											
MUD LEVEL IN TANKS												

Stand by
pH 9.5

Double

No cor
Core

Rig top

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT. HR.	BIT CONDITION
2	8 3/4	37004	H.W. XDV	2-22	34 1/2	1148	1255	523	RUNNING
2	8 3/4	37004	H.W. XDV	3/22	41	737	1331	574	2-4-1

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT				
			PREFLOW	mins	IHP	psi	FFP	psi	Time
			FROM	I.S.I.	mins	FHP	psi	FFP	psi
			TO	V.O.	mins	ISIP	psi	GTS	mins
			Recovery	F.S.I.	mins	F.S.I.P	psi	FTS	mins
			HOURS	RECOVERY					

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER	R. BEAUDRY	K. KRISTENSEN	John Taylor	Kind	Depth	Reading
DERRICKMAN	K. BRAI	P. TONES	POE FOESIEH	1196	1/50	
HELPER	M. TABLONSKI	W. FINEAY	Richard Keener			
HELPER	B. NICHOLK	D. ZEMLAK	Pom Lipilates			
HELPER	L. THOMAS	D. POKOWICH	White Salloway			
FIREMAN						
TOOL PUSHER	CR. Chambers					

1972
 HOUR
 19 FT.
 FT.
 20 FT.
 FT.
 FT.
 01 FT.
 FT.
 FT.
 FT.
 38 FT.
 12 FT.
 60 FT.
 FEET
 FEET
 FEET
 HOURS
 12:00 P.M.

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
TOUR 1		12 ⁰⁰	1 ⁰⁰	DRLG
		1 ⁰⁰	1 ¹⁵	RIG SERVICE + BOP Check
CEL	1400 ⁰⁰	1 ¹⁵	3 ³⁰	DRLG
		3 ³⁰	4 ⁰⁰	CIRC + SURVEY
		4 ⁰⁰	8 ⁰⁰	DRLG
TOUR 2		8 ⁰⁰	8 ¹⁵	DRLG w/ 10 m
Spersene	15AK	8 ¹⁵	8 ⁴⁵	CIRC + WORK PILE, RIG SER. A.U.P.H.
		8 ⁴⁵	9 ³⁰	BRAKE PINS, LINKAGES.
		9 ³⁰	10 ¹⁵	DRLG w/ 10-12 m
		10 ¹⁵	3 ⁴⁵	CIRC SAMPLE (GEO. ORDERS)
		3 ⁴⁵	4 ⁰⁰	DRLG w/ 10-12 m
				CIRC. SAMPLE (GEO. ORDERS)
TOUR 3		4 ⁰⁰	4 ¹⁵	Core Sample for Geologist
Soap SS GAL		4 ¹⁵	4 ³⁰	Rig SER + Bops Check
		4 ³⁰	5 ³⁰	Blow SOAP out of Hole to Trip
		5 ³⁰	6 ⁰⁰	Hoist OUT or DUMMAY TRIP
		6 ⁰⁰	6 ³⁰	RUN IN
		6 ³⁰	8 ⁰⁰	Pick up Kelly + Circ + Ream to Bottom
		8 ⁰⁰	9 ⁰⁰	Hoist OUT TO CORE
		9 ⁰⁰	11 ⁰⁰	Pickup core BBLg RUN IN w/ CORE BBLg
		11 ⁰⁰	12 ⁰⁰	

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Stand by Mud Properties wt 8.4 Vis 35 WL 18 FC 2 1/32
 PH 9.5

Double Measure
 Board (Corrected for addition) 1355.04
 Tally 1355.53
 Difference 0.49

No correction
 Core Point = 1331.0!

Rig Inspection L. Stival

Reading
 1/30

James Charleston
 SIGNATURE COMPANY ENGINEER

TOUR REPORT

FIELD Birch WELL NAME YTES'S CONTRACTOR G.P. RIG NO 24
 DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT JANUARY 29 1972

DRILLING ASSEMBLY		END OF MORNING TOUR			END OF DAYLIGHT TOUR			END OF AFTERNOON TOUR						
STANDS	D.P.	NO. <u>4</u>	<u>37</u>	<u>4</u>	<u>35</u>	FT	NO. <u>5</u>	<u>468</u>	<u>41</u>	FT	NO.	<u>457</u>	<u>44</u>	FT
SINGLE	D.P.	NO. <u>1</u>	<u>31</u>	<u>44</u>	FT		NO. <u>2</u>	<u>629</u>	<u>1</u>	FT	NO.			FT
X-OVER SUB	O.D.	<u>1</u>	<u>300</u>	FT				<u>3300</u>	FT			<u>300</u>	FT	
OTHER <u>SAVER</u>	O.D.	<u>1</u>	<u>224</u>	FT					FT				FT	
DRILL COLLARS	O.D.			FT					FT				FT	
DRILL COLLARS <u>15 6/8</u>	O.D.	NO.	<u>464</u>	<u>21</u>	FT		NO.	<u>464</u>	<u>21</u>	FT	NO. <u>15</u>	<u>464</u>	<u>21</u>	FT
REAMER	O.D.	KIND		FT			KIND		FT		KIND		FT	
STABILIZER	O.D.	KIND		FT			KIND		FT		KIND		FT	
JARS		KIND		FT			KIND		FT		KIND		FT	
BUMPER SUB		KIND		FT			KIND		FT		KIND		FT	
BIT OR CORE BARREL				FT					FT				FT	
TOTAL D.P. & TOOLS			<u>881</u>	<u>14</u>	FT			<u>998</u>	<u>53</u>	FT		<u>1124</u>	<u>65</u>	FT
KELLY DOWN (BELOW R.B.)			<u>2</u>	<u>60</u>	FT			<u>3647</u>	FT			<u>2335</u>	FT	
DEPTH OF TOOLS			<u>883</u>	<u>14</u>	FT			<u>1035</u>	<u>60</u>	FT		<u>1148</u>	<u>00</u>	FT

TOUR 1
300# Caust

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	<u>883</u> FEET	<u>1035</u> FEET	<u>1148</u> FEET
DEPTH START OF TOUR	<u>752</u> FEET	<u>883</u> FEET	<u>1035</u> FEET
FOOTAGE DRILLED	<u>131</u> FEET	<u>152</u> FEET	<u>113</u> FEET

TOUR 2

TOUR 3
Soup used
20 Gals

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.	
PUMP					AIR PRESS <u>200</u>				<u>200</u>	<u>200</u>	<u>250</u>	<u>250</u>
ROTARY SPEED					<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>
WEIGHT ON BIT					<u>10</u>	<u>12</u>	<u>12</u>	<u>10</u>	<u>10</u>	<u>10</u>	<u>10</u>	<u>10</u>
MUD WEIGHT					AIR <u>300 C.F.M.</u>				<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>
VISCOSITY									<u>30</u>	<u>30</u>	<u>30</u>	<u>30</u>
W.L.F.C.									<u>30</u>	<u>30</u>	<u>30</u>	<u>30</u>
p.H.									<u>30</u>	<u>30</u>	<u>30</u>	<u>30</u>
MUD LEVEL IN TANKS									<u>30</u>	<u>30</u>	<u>30</u>	<u>30</u>

Foam De
0.5%

Mud De

Used a
 Head

Rubber u
 rubber.

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT. DR.	BIT CONDITION
<u>2</u>	<u>8 7/8</u>	<u>37004</u>	<u>H.W. x DU</u>	<u>3-22</u>		<u>752</u>		<u>20</u>	

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT			
					Time	AM	AK	
					Mud Wt			
					Vis			
					A V			
					P V			
					Y P			

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER	<u>R. BERUDAI</u>	<u>K. CHRISTENSEN</u>	<u>Robert Jones</u>	Kind	Depth	Reading
DERRICKMAN	<u>R. BERUDAI</u>	<u>P. JONES</u>	<u>Robert Jones</u>	<u>5700</u>	<u>940</u>	<u>3/4</u>
HELPER	<u>M. JASTONSK</u>	<u>W. FINKAY</u>	<u>Pat Jastonski</u>	<u>1060</u>	<u>1060</u>	<u>3/4</u>
HELPER	<u>B. NICHOLLS</u>	<u>D. ZEMBAK</u>				
HELPER		<u>D. PIDKOWICH</u>				

FIREMAN

OTHER CR Hunter

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
19 73	Kind	Amount		
DUR	TOUR 1	12 ⁰⁰	12 ⁴⁵	RIG SERVICE
14 FT.	300# Caustic	12 ¹⁵	1 ⁰⁰	REPAIR LEAK ON BLEED LINE
FT.		1 ⁰⁰	3 ⁰⁰	DRILL 8 3/4" HOLE
00 FT.		3 ³⁰	3 ³⁰	CIRC WORK PIPE ON CONN
FT.		3 ³⁰	8 ⁰⁰	DRILL 8 3/4" HOLE
FT.				
21 FT.	TOUR 2	8 ⁰⁰	8 ⁴⁵	DRILL w/ 10 m
FT.		8 ⁴⁵	9 ⁰⁰	CONN. WORK PIPE.
FT.		9 ⁰⁰	10 ³⁰	DRILL w/ 12 m
FT.		10 ³⁰		SURVEY @ 940' 3/4", RIG SER.
FT.			11 ¹⁵	WORK ON NURSER'S BRAK.
5 FT.		11 ¹⁵	4 ⁰⁰	DRILL w/ 10 m.
5 FT.				
00 FT.	TOUR 3	4 ⁰⁰	6 ⁴⁵	DRILL
R	Soup used	6 ⁴⁵	7 ⁰⁰	RIG SER - SURVEY
FEET	70 Gals	7 ⁰⁰	12 ⁰⁰	DRILL
FEET				
FEET				
HOURS				
12:00 P.M.				

CEMENTING TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

100 Foam Details Air 300 cfm Water 15gpm Sulfatex
 10 0.5% Pressure 200 psi.

Mud Details wt 8.4 WL-40 PH10

Used a new 4 1/2" Rubber in the 10" Grant Rotary Head.

Rubber used in the 12" Rotary Head was a used rubber.

PORT

Get

m

Reading

3/4" 0
 7/8" 0

James D. [Signature]
 SIGNATURE COMPANY ENGINEER

TOUR REPORT

CONTRACTOR **G.P.**

RIG NO **24**

FIELD **Birch** WELL NAME **YTES'S**

LSD SEC TWP Rge W

DRILLING DEEPENING COMPLETING

REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT **JANUARY 29 1972**

MUD and CHEMICALS Kind

DRILLING ASSEMBLY	END OF MORNING TOUR			END OF DAYLIGHT TOUR			END OF AFTERNOON TOUR		
STANDS D.P.	NO. 4	37435 FT		NO. 5	46841 FT		NO.	65744 FT	
SINGLE D.P.	NO. 1	3144 FT		NO. 2	6291 FT		NO.		
X-OVER SUB O.D.	1	300 FT			3300 FT			300 FT	
OTHER SAVER O.D.	1	224 FT							
DRILL COLLARS O.D.									
DRILL COLLARS 15 6/8 O.D.	NO.	46421 FT		NO.	46421 FT		NO. 15	46421 FT	
REAMER O.D.	KIND			KIND			KIND		
STABILIZER O.D.	KIND			KIND			KIND		
JARS	KIND			KIND			KIND		
BUMPER SUB	KIND			KIND			KIND		
BIT OR CORE BARREL									
TOTAL D.P. & TOOLS		88114 FT			99853 FT			112465 FT	
KELLY DOWN (BELOW R.B.)		260 FT			3647 FT			2335 FT	
DEPTH OF TOOLS		88314 FT			103500 FT			114800 FT	

TOUR 1
300# Cas

TOUR	MORNING TOUR		DAYLIGHT TOUR		AFTERNOON TOUR	
DEPTH END OF TOUR	883 FEET		1035 FEET		1148 FEET	
DEPTH START OF TOUR	752 FEET		883 FEET		1035 FEET	
FOOTAGE DRILLED	131 FEET		152 FEET		113 FEET	

TOUR 2
SOAPSUSED 20 GALS

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP s.p.m. p.s.i.					AIR PRESS 200 200 200 250 250							
ROTARY SPEED R.P.M.	100 100 100 100				100	100	100	100	100	100	100	100
WEIGHT ON BIT M lbs	10 12 10 12				10	12	12	10	10	10	10	10
MUD WEIGHT lb/gal	FOAM				Air 300 C.F.M.				300	300	200	
VISCOSITY sec/qt									300	300	200	
W.L./F.C. c.c./32nd									300	300	200	
p.H.									300	300	200	
MUD LEVEL IN TANKS Ft.-Ins.									300	300	200	

Foam De
0.5% F
Mud De
Used a
Head
Rubber u
rubber.

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT	BIT CONDITION
2	8 3/4	37004	H.W. + DU	3-26		752			

CORE No.	No.	DST No	FROM	TO	MUD ENGINEER'S REPORT				
TYPE		PREFLOW	mins	IHP	psi	IFP	psi	Time	AM PM
FROM		I.S.I.	mins	F.H.P.	psi	F.F.P.	psi	Mud Wt	10 Min Gr
TO		V.O.	mins	I.S.I.P	psi	G.T.S	mins	Visc	W.L.F.C
Recovery		F.S.I.	mins	F.S.I.P	psi	F.T.S	mins	A.V	p.H
HOURS		RECOVERY						P.V	Sand

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER	K. BEAUDAI	K. CHRISTENSEN	Lydia	Kind	Depth	Reading
DERRICKMAN	K. BEAUDAI	P. JONES	Lydia		940	3/4
HELPER	M. JABLONSKI	W. FINKAS	Pat		1060	3/4
HELPER	B. NICHOLLS	D. ZEMBLAK				
HELPER		D. PIDKOWICH				

FIREMAN
HER
CS

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
TOUR 1		12 ⁰⁰	12 ¹⁵	RIG SERVICE
300# Caustic		12 ¹⁵	1 ⁰⁰	REPAIR LEAK ON BLUE LINE
		1 ⁰⁰	3 ⁰⁰	DRUG 8 3/4" HOLE
		3 ⁰⁰	3 ³⁰	CIRC WORK PIPE ON CONN
		3 ³⁰	8 ⁰⁰	DRUG 8 3/4" HOLE
TOUR 2		8 ⁰⁰	8 ⁴⁵	DRUG w/ 10 m
		8 ⁴⁵	9 ⁰⁰	CONN. WORK PIPE.
		9 ⁰⁰	10 ³⁰	DRUG w/ 12 m
		10 ³⁰		SURVEY @ 940' 3/4", RIG SER.
			11 ¹⁵	WORK ON NURSER'S BRAK.
			4 ⁰⁰	DRUG w/ 10 m.
TOUR 3		4 ⁰⁰	6 ⁴⁵	DRILL
Sonapused		6 ⁴⁵	7 ⁰⁰	RIG SER - SURVEY
20 Gals		7 ⁰⁰	12 ⁰⁰	DRILL

CEMENTING, TESTING, FISHING SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Foam Details Air 300 cfm Water 155 ppm Sulfate x 0.5%. Pressure 200 psi.

Mud Details wt 8.4 WL-40 PH10

Used a new 4 1/2" Rubber in the 10" Grant Rotary Head.

Rubber used in the 12" Rotary Head was a used rubber.

James Dab...
SIGNATURE COMPANY ENGINEER

TOUR REPORT

FIELD **BIRCH** WELL NAME **YTES3**

CONTRACTOR **G.D.** RIG NO **34**

DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING

LSD SEC TWP Rge W

FOR 24 HOURS ENDING 12 MIDNIGHT **JANUARY 28 1972**

MUD and CHEMICALS A

Kind

DRILLING ASSEMBLY		END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS	D.P.	NO.	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT
SINGLE	D.P.	NO.	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT
X-OVER SUB	O.D.		FT		FT		FT		FT		FT		FT
OTHER	O.D.		FT		FT		FT		FT		FT		FT
DRILL COLLARS	O.D.		FT		FT		FT		FT		FT		FT
DRILL COLLARS	O.D.	NO.	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT
REAMER	O.D.	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT
STABILIZER	O.D.	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT
JARS		KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT
BUMPER SUB		KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT
BIT OR CORE BARREL			FT		FT		FT		FT		FT		FT
TOTAL D.P. & TOOLS			FT		FT		FT		FT		FT		FT
KELLY DOWN (BELOW R.B.)			FT		FT		FT		FT		FT		FT
DEPTH OF TOOLS			FT		FT		FT		FT		FT		FT

TOUR 1

TOUR 2

TOUR 3

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR		740	752
DEPTH START OF TOUR		732	740
FOOTAGE DRILLED		8	12

GFL

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP								68				
ROTARY SPEED								350				
WEIGHT ON BIT								60				
MUD WEIGHT								10				
VISCOSITY								8.5				32
W.L./F.C.								28				

Checked
 Pressure
 1500 psi
 TEST C

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FEET HR	BIT CONDITION
1	8 3/4	39004	H.W. x DV	3-22	732				NEW

STARTED
 9:48 AM on
 the rubble

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT			
					Time	AM	PM	AK
					Mud Wt			10 Min. Gel
					Visc			W.L.F.C.
					AV			pH
					PV			Sand
					YP			CA ppm
								CL ppm

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER	R. BEAUDRI	K. CHRISTENSEN	Lyle Jones	Kind	Depth	Reading
DERRICKMAN	K. BRAV	P. JONES	Pat Jones			
HELPER	M. TABLOWSKI	W. FINLAY	Robert Rogers			
HELPER	B. NICHOLS	D. ZEMBAK	Ron Spinklater			
HELPER	J. THOMAS	D. PIKOWICH	John Thomas			
FIREMAN						
TOOL PUSHER						

MUD and CHEMICALS ADDED			OTHER HOURLY OPERATING DETAIL		
			WORK DONE		
19 72	Kind	Amount	From	To	
TOUR	TOUR 1		12 ⁰⁰	3 ⁰⁰	PRESSURE TEST PIPE RAMS, LEAKING
29 FT.					WORK ON SAME
93 FT.			3 ⁰⁰		PICK UP BOTTOM COLLAR, MAKE UP
00 FT.					B.T. RUN STRING IN HOLE, PRESSURE
			5 ⁰⁰	5 ⁰⁰	TEST. HYDRAK @ 1500 PSI, 15 MINS. HELD OK.
21 FT.					WORK ON PIPE RAMS, STEAM OUT
					MANIFOLD, TAP LINE, FILL MANIFOLD
					W/ FLUO
	TOUR 2		8 ⁰⁰	9 ¹⁵	PRESSURE UP PIPE RAMS LEAKING UNION
			9 ¹⁵	9 ³⁰	PRESSURE UP ON SAME 1500 PSI. OK.
			9 ³⁰	9 ⁴⁵	RIG SERVICE, B.O.P.V., BRAKE ✓
			9 ⁴⁵	12 ⁰⁰	DRUG PLUG, CEMENT
			12 ⁰⁰	12 ¹⁵	PUT ON ROTATING HEAD
			12 ¹⁵	3 ³⁰	DRUG CEMENT & SHOE
43 FT.			3 ³⁰	4 ⁰⁰	DRUG W/ 10 M.
64 FT.					
07 FT.	TOUR 3		4 ⁰⁰	4 ³⁰	DRILL
UR	GFL	2100#	4 ³⁰	4 ⁴⁵	Rig SER.
			4 ⁴⁵	12 ⁰⁰	CHEM MUD TANKS AND MIX MUD
					BLOW WATER OUT OF HOLE
					FIX 4" VALVE ON STAINLESS

CEMENTING, TESTING, FISHING SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Checked the top of the cement at 676.50' KB.

~~32~~ 32
 PRESSURE TESTED SWAPPER 4 1/2" PIPE RAMS TO 1500 PSI FOR 15 MIN W/ WATER BLEED OFF 25 PSI. TEST OK.

STARTED TO DRILL OUT AFTER 9 3/4 hrs WOC.
 9.48 AM January 28/72 Considerable difficulty drilling the rubber plug.

James M. ...
 SIGNATURE COMPANY ENGINEER

TOUR REPORT

CONTRACTOR

G.P.

RIG NO 24

FIELD *BIRCH*

WELL NAME *ITE 53*

LSD

SEC

TWP

Rge

W

- DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING

FOR 24 HOURS ENDING 12 MIDNIGHT

JANUARY 27 1972

MUD and CHEMICALS
Kind

DRILLING ASSEMBLY		END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS	D.P.	NO	FT	NO	FT	NO	FT	NO	FT	NO	FT		
SINGLE	D.P.	NO	FT	NO	FT	NO	FT	NO	FT	NO	FT		
X-OVER SUB	O.D.		FT		FT		FT		FT		FT		
OTHER	O.D.		FT		FT		FT		FT		FT		
DRILL COLLARS	O.D.		FT		FT		FT		FT		FT		
DRILL COLLARS	O.D.	NO	FT	NO	FT	NO	FT	NO	FT	NO	FT		
REAMER	O.D.	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT		
STABILIZER	O.D.	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT		
JARS		KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT		
BUMPER SUB		KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT		
BIT OR CORE BARREL			FT		FT		FT		FT		FT		
TOTAL D.P. & TOOLS			FT		FT		FT		FT		FT		
KELLY DOWN (BELOW R B I)			FT		FT		FT		FT		FT		
DEPTH OF TOOLS			FT		FT		FT		FT		FT		

TOUR 1

TOUR 2

TOUR 3

TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR			
DEPTH END OF TOUR				FEET				FEET				FEET
DEPTH START OF TOUR				FEET				FEET				FEET
FOOTAGE DRILLED				FEET				FEET				FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP	/											
ROTARY SPEED	/											
WEIGHT ON BIT	/											
MUD WEIGHT	/											
VISCOSITY	/											
W.L./F.C.	/											
pH	/											
MUD LEVEL IN TANKS	/											

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	LETTER	BIT CONDITION

CORE No	No	DST No	FROM	TO	MUD ENGINEER'S REPORT				
TYPE		PREFLOW	mins	FHP	ps	FHP	ps	Time	ps
FROM		ISI	mins	FHP	ps	FHP	ps	Mud Wt	10 M.C. Gals
TO		V.O.	mins	ISI P	ps	GTS	mins	Visc	W.F.C.
Recovery		F.S.I	mins	F.S.I P	ps	F.T.S	mins	A.V	pH
HOURS		RECOVERY						P.V	

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DRILLER	<i>JOHN MADONEY</i>	<i>KEN BRAY</i>	<i>K. CHRISTENSEN</i>
DERRICKMAN			<i>P. JONES</i>
HELPER	<i>R. HILKE</i>	<i>M. Yablonski</i>	<i>W. FINLAS</i>
HELPER	<i>J. MARSHALL</i>	<i>B. Nichol</i>	<i>D. ZEMLAK</i>
HELPER	<i>L. DAVIDSON</i>	<i>I. THOMAS</i>	<i>D. P. KONICH</i>
FIREMAN			
TOOL PUSHER	<i>AR. HANSEN</i>		

DEVIATION RECORD		
Kind	Depth	Reading

NIPPLED ID 1 1/4" W H SERIES EACH END EQUIPPED WITH W.A. ALL OTHER NIPPLED NIPPLED HEAD.

Revised UNIVERSAL 136-934

PRESSURE psi for

PRESSURE WITH W 25 psi

TESTED TO 1500

TOUR REPORT

FIELD **BIACH** WELL NAME **YIE 53** CONTRACTOR **C.P.** RIG NO **24**
 DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT **JANUARY 26 1972**

DRILLING ASSEMBLY		END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS	D P	NO.	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT
SINGLE	D P	NO.	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT
X-O R SUB	O D		FT		FT		FT		FT		FT		FT
OTHER	O D		FT		FT		FT		FT		FT		FT
DRILL COLLARS	O D		FT		FT		FT		FT		FT		FT
DRILL COLLARS	O D	NO.	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT
REAMER	O D	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT
STABILIZER	O D	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT
JARS		KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT
BUMPER SUB		KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT
BIT OR CORE BARREL			FT		FT		FT		FT		FT		FT
TOTAL D.P. & TOOLS			FT		FT		FT		FT		FT		FT
KELLY DOWN (BELOW R B)			FT		FT		FT		FT		FT		FT
DEPTH OF TOOLS			FT		FT		FT		FT		FT		FT

TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR			
DEPTH END OF TOUR				FEET				FEET				FEET
DEPTH START OF TOUR				FEET				FEET				FEET
FOOTAGE DRILLED				FEET				FEET				FEET

	S.P.M. D.S.I.	HOURS				HOURS				HOURS			
		2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP		/	/	/	/	/	/	/	/	/	/	/	/
ROTARY SPEED	R.P.M.												
WEIGHT ON BIT	M. lbs.												
MUD WEIGHT	lb/gal												
VISCOSITY	sec. qt												
W.L./F.C.	c.c. 32nd	/	/	/	/	/	/	/	/	/	/	/	/
p.H.													
MUD LEVEL IN TANKS	Ft. - Ins												

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32"	TOTAL HOURS	FROM	TO	FEET DR	BIT CONDITION

CORE No	No	DST No	FROM	TO	MUD ENGINEER'S REPORT				
TYPE		PREFLOW	mins	IHP	psi	IFP	psi	Time	AM
FROM		ISI	mins	FHP	psi	FFP	psi	Mud Wt	PM
TO		VO	mins	ISIP	psi	CTS	mins	Visc	for Dr
Recovery		F.S.I.	mins	F.S.I.P	psi	F.T.S	mins	A.V	to Mud
HOURS		RECOVERY						P.V	W. S.C.

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER	J. MALONEY		K. CHRISTENSEN	Kind	Depth	Reading
DERRICKMAN		K. BEAY	P. TENES			
HELPER	R. HICKS	M. YABLONSKI	W. FINKAL			
HELPER	J. MARSHALL	B. NICHOLL	D. ZEMAK			
HELPER	A. DAVIDSON	I. THOMAS	D. POKOWICZ			

STOPPED
PIPE CUT
WHIPPLE
A CUTTING
WHIPPLE
TYPE AWK
K/B +

CR Chambers

1972

OTHER HOURLY OPERATING DETAIL
WORK DONE

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
TOUR 1		12 ⁰⁰	3 ⁰⁰	W.O.C. CIRCULATING WARM WATER.
TOUR 2		12 ⁰⁰	4 ⁰⁰	W.O.C CIRCULATING WARM WATER.
TOUR 3		4 ⁰⁰ 7 ³⁰ 7 ⁴⁵ 8 ³⁰	7 ³⁰ 7 ⁴⁵ 8 ³⁰	CIRC WARM WATER BIG SERVICE, DRAB KILLS 1 STD TITE HOIST TAKE OFF FLOWLINE, CUT COLLAR OFF CASEING DISMANTLE AIR HEAD OFF CONDUCTOR TITE SCREEN ON BOWL PICK UP SHEFFER, GENERAL WIPPLE UP
			12 ⁰⁰	

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

STOPPED CIRCULATING AFTER 47 HOURS. PULLED
PIPE OUT OF THE HOLE. REMOVED THE BOWL
NIPPLE AND CUT OFF THE CASING BOWL WITH
A CUTTING TORCH.

NIPPLED UP A BARBED SPIRAL 3 1/2" SERIAL 910
TITE AWC CASING BOWL

KB to TOP CASING BOWL FLANGE 1275'

James Chatwin
SIGNATURE COMPANY ENGINEER

1972

OTHER HOURLY OPERATING DETAIL
WORK DONE

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
TOUR 1		12 ⁰⁰	8 ⁰⁰	W.O.C. CIRCULATING WARM WATER.
FT.				
FT.				
FT.				
FT.				
FT.				
FT.				
TOUR 2		8 ⁰⁰	4 ⁰⁰	W.O.C. CIRCULATING WARM WATER.
FT.				
FT.				
FT.				
FT.				
FT.				
FT.				
TOUR 3		4 ⁰⁰	12 ⁰⁰	W.O.C. CIRC. WARM WATER. P.I.G. SERVICE.
UR				
FEET				
FEET				
FEET				
HOURS				
M 12 00 P.M.				

CEMENTING, TESTING, FISHING SPECIAL JOB DETAILS INCLUDING ENGINEERING SUMMARIES

REPORT

el
h Gel

C

v

p m
p m

D

Reading

James L. Habelt
SIGNATURE COMPANY ENGINEER

TOUR REPORT

CONTRACTOR **GP**

RIG NO **24**

FIELD **BIRCH** WELL NAME **VIE 53**

LSD SEC TWP Rge W

DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT **JANUARY 24 1972**

M.D. and CHEMICALS Kind

DRILLING ASSEMBLY		END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.		
SINGLE	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.		
X-OVER SUB	O.D.		FT.		FT.		FT.		FT.		FT.		
OTHER	O.D.		FT.		FT.		FT.		FT.		FT.		
DRILL COLLARS	O.D.		FT.		FT.		FT.		FT.		FT.		
DRILL COLLAPS	O.D.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.		
REAMER	O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.		
STABILIZER	O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.		
JARS		KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.		
BUMPER SUB.		KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.		
BIT OR CORE BARREL			FT.		FT.		FT.		FT.		FT.		
TOTAL D.P. & TOOLS			FT.		FT.		FT.		FT.		FT.		
KELLY DOWN (BELOW R.B.)			FT.		FT.		FT.		FT.		FT.		
DEPTH OF TOOLS			FT.		FT.		FT.		FT.		FT.		

TOUR 1
TOUR 2
TOUR 3

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	737 FEET	737 FEET	737 FEET
DEPTH START OF TOUR			
FOOTAGE DRILLED			

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.

CEMENTING DETAILS CONT'D

PUMP s.p.m. P.S.I.

ROTARY SPEED R.P.M.

WEIGHT ON BIT M.lbs. Cement preceded by 20 bbls of fresh water

MUD WEIGHT lb.gal. Blad off casing. Flocks held. Obtained

VISCOSITY sec/qt. Cement returns after approx 40 bbls of

W.L./F.C. c.c./32nd displacement lost returns after 45 bbls

p.H.

MUD LEVEL IN TANKS Ft.-Ins. of returns CEMENT IN PLACE 1:18
 4 PM January 24, 1972 Cut off conductor

CASING DE
 Run 22
 Stewart &
 on bottom
 2 joints 1
 B+W cen
 shoe 5'

Drarrel lowered into the rig tape and found cement 20' below ground level. Installed casing clamp and stacked off casing. Cut off 9 5/8" 12" below tube saddled as

1 9 5/8"
 1 1/2 9 5/8"
 1 9 5/8"
 2 1/2 9 5/8"
 Total
 KB
 Lead

CORE No. No. DST No. FROM TO

TYPE a 8 5/8" string line into the cut off. Run in with drill

FROM collars & pipe & began circulating warm water

TO Cemented the casing w/ 29 sacks Type Portland cement

Recovery and 6 sacks (B) cold set cement obtained cement returns

HOURS TO surface. Cement remained at surface.

CEMENTIN
 Cemen

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
	DRILLER	J MALONEY	R BEAUDRY	K CHRISTENSEN
DEP. MAN	D COLLINS	K BRAY	P. TONES
HELPER	R THICKS	M YABLOWSKI	W. FINKAJ
HELPER	J MARSHALL	L THOMAS	O. ZEMTAK
HELPER	A DAVIDSON	B NICNON	D. PIKOWICH

DEVIATION RECORD		
Kind	Depth	Reading

With 450
 Cement (B)
 Mixing +
 time 29
 200 psi
 Bumped
 58 bbls

C.R. Chambers

1972		MUD and CHEMICALS USED		OTHER HOURLY OPERATING DETAIL WORK DONE	
TOUR	Kind	Amount	From	To	
TOUR 1			12:00	12:30	RIG SERVICE & INSTALL ROTARY HEAD
FT			12:30	1:30	RUN IN HOLE.
FT			1:30	2:00	MAKE UP MUD LINE, BREAK CIRC & CLEAN 10' TO BTM.
FT			2:00	3:00	CIRC & CONDITION HOLE TO RUN CSG.
FT			3:00	5:00	HOIST OUT RIG TO RUN CSG AND RUNNING.
FT	TOUR 2			8:30	CSG BREAK CIRC @ 180' HOLE BRIDGED OFF.
FT			8:00	12:00	FINISH RUNNING CSG. CIRC HOLE MOVE PIPE - RIG SERVICE
FT			12:45	12:45	MIX CEMENT
FT			12:45	1:15	DISP CEMENT w/WATER PLUG DOWN W/O.C.
FT	TOUR 3		4:00	8:30	CUT OFF CASEING, WELD FLOWLINE TIE INTO CASEING, HOOK UP SAINE, RIG TO CIRC WARM WATER
FT			8:30	12:00	CIRC WARM WATER MIXING CEMENT & POURING DOWN CONDUCTOR PIPE.

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

CASING DETAILS

Run 22 Jts 716.01' 9 5/8" 36 lb J-S New Smts 8rd thd Stewart & Lloyd casing landed at 732.70'. Collars welded on bottom three joints float equipment and bottom 2 joints locked into a solid unit with thread lock B+W centralizers @ 15' 60' 90' 120' + 150' above the shoe String details as follows.

1 9 5/8" Davis Lynch float shoe	1.70
1 Jt 9 5/8" 36# J-S casing	33.12
1 9 5/8" Davis Lynch float collar	1.45
21 Jts 9 5/8" 36# JS casing	682.89
Total String	719.16
KB to top collar	13.54
Landed Depth	732.70

CEMENTING DETAILS

Cemented 716.01' 9 5/8" 36 lb JS casing at 732.70' with 450 sac ~~type I~~ Ocean Cement (130 Portland cement @) plus 25% Col/Cl₂ started mixing at 12:01 PM Mixing time 45 min started displacing 12:55 PM Displacing time 29 min Overall time 77 min Max mixing pressure 200 psi Maximum displacing pressure 300 psi Bumper plug w/ 1000 psi using 58 bbls of fresh water slurry wt 15.5 lb/gal

James Charles
SIGNATURE COMPANY ENGINEER

TOUR REPORT

CONTRACTOR **GP** RIG NO **24**

FIELD **BIRCH** WELL NAME **YTE 53**

DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT **JANUARY 23 1972**

M.D. and CHEMICALS
Kind

DRILLING ASSEMBLY		END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR								
STANDS	D P	NO				FT	NO				FT	NO	3				28275	FT
SINGLE	D P	NO				FT	NO				FT	NO						
X-OVER SUB	O D					FT					FT						303	FT
OTHER	O.D.					FT					FT						224	FT
DRILL COLLARS	O.D.					FT					FT						278	FT
DRILL COLLARS	O D	NO				FT	NO				FT	NO	14				43289	FT
REAMER	O D	KIND				FT	KIND				FT	KIND						FT
STABILIZER	O D	KIND				FT	KIND				FT	KIND						FT
JARS		KIND				FT	KIND				FT	KIND						FT
BUMPER SUB		KIND				FT	KIND				FT	KIND						FT
BIT OR CORE BARREL						FT					FT							FT
TOTAL D.P. & TOOLS						FT					FT						72369	FT
KELLY DOWN (BELOW R B)						FT					FT						1400	FT
DEPTH OF TOOLS						FT					FT						73769	FT

TOUR 1
FIBRETEX
GEL
SANDUST

TOUR 2

TOUR 3

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR			
DEPTH START OF TOUR			937
FOOTAGE DRILLED			

DAY WORK	HOURS						HOURS						HOURS	
	2:00 AM	4:00 AM	6:00 AM	8:00 AM	10:00 AM	12:00 AM	2:00 PM	4:00 PM	6:00 PM	8:00 PM	10:00 PM	12:00 PM		
PUMP	/													
ROTARY SPEED	/													
WEIGHT ON BIT	/													
MUD WEIGHT	/													
VISCOSITY	80													
W.L.F.C	/													
p.H	/													
MUD LEVEL IN TANKS	/													

Lost 20 bb

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FEET	BIT CONDITION
1A	12 1/4	26978	OSC-3J	3/16	39 3/4	61	737	676	

CORE No	No	DST No	FROM	TO	MUD ENGINEER'S REPORT				
TYPE		PREFLOW	mins	IHP	ps	I.F.P	ps	Type	AM
FROM		ISI	mins	F.H.P	ps	F.F.P	ps	Mud Wt	Int. Gel
TO		VO	mins	S.I.P	ps	G.T.S	mins	Visc	W.L.F.C
Recovery		F.S.I	mins	F.S.I.P	ps	F.T.S	mins	A.V	p.H
HOURS		RECOVERY						P.V	Solid
								Y.P	CA ppm
									CL ppm

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER	J MALONEY	R BEAUDRY	K CHRISTENSEN	Kind	Depth	Reading
DERRICKMAN	D COLLINS	K BRAY	P JONES			
HELPER	R HICKS	M YABLONSKI	W FINLAY	TU/CO	730	3/4"
HELPER	J MARSHALL	B NICHOLS	D ZEMBAK			
HELPER	L DAVIDSON	I THOMAS	D PIDKOWICH			
FIREMAN	CR Stambas					

1972

OTHER HOURLY OPERATING DETAIL
WORK DONE

		MUD and CHEMICALS ADDED		From	To	
		Kind	Amount			
TOUR	TOUR 1			12 ⁰⁰	1 ⁴⁵	MIX MUD (FIBER SEAL)
75	FT	FIBERTEX	2500 SK			PUMP MUD (DISPLACE HOLE
	FT	GEL	3500 #			TO MUD, ONLY SUFFICIENT MUD
03	FT	SANDUST	1500 SKS	2 ³⁰	3 ³⁰	TO BREAK CIRC.
24	FT					SHOW KELLY & STD PIPE, RUN WATER
78	FT					IN MUD TANK.
89	FT			7 ⁰⁰	8 ⁰⁰	MIX GEL, SANDUST, & FIBERSEAL.
	FT	TOUR 2				BREAK CIRC & REAM BRIDGE @
	FT			8 ⁰⁰	8 ¹⁵	6.5'
	FT			8 ¹⁵	1 ¹⁵	RIG SERVICE.
	FT			1 ¹⁵	2 ¹⁵	REAM FROM 6.5" TO 7.31'
	FT			2 ¹⁵	4 ⁰⁰	CIRC HOLE
69	FT					DOMMIL TRIP
010	FT					
69	FT	TOUR 3		4 ⁰⁰		FINISH RUN IN, TIGHT SPOT PUT
UR						ON KELLY, COULDN'T BREAK CIRC.
FEET				7 ³⁰	7 ⁴⁵	HOIST, FLOAT STUCK IN BIT, BTM
FEET				7 ⁴⁵	8 ³⁰	HOLE COLLAR PLUGGED
FEET				8 ³⁰	9 ¹⁵	RIG SERVICE.
HOURS				9 ¹⁵	10 ⁰⁰	MAKE UP BIT, PUT ON ROTATING HEAD
M 12:00 P.M.				10 ⁰⁰	11 ⁰⁰	RUN IN W/ BIT
						BREAK CIRC & CLEAN 90' TO BTM.
						CIRC & WORK PIPE.
		CEMENTING, TESTING		11 ⁰⁰	12 ⁰⁰	SHOW KELLY & HOIST, FULL ROTATING
		FISHING				HEAD, MAKE UP BIT.
		SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES				

Lost 20 bbls of mud after filling the hole in 4 1/2 hrs

Jamie Chan
SIGNATURE COMPANY

TOUR REPORT

FIELD **BIRCH** WELL NAME **YTE 53** CONTRACTOR **GP** RIG NO **24**
 DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT **JANUARY 23 1972**

DRILLING ASSEMBLY	END OF MORNING TOUR	END OF DAYLIGHT TOUR	END OF AFTERNOON TOUR
STANDS D P NO			NO 3 28275
SINGLE D P NO			
X OVER SUB O D			303
OTHER O D			224
DRILL COLLARS O D			278
DRILL COLLARS O D NO KIND			NO 14 43289
REAMER O D KIND			
STABILIZER O D KIND			
JARS KIND			
BUMPER SUB KIND			
BIT OR CORE BARREL			
TOTAL D P & TOOLS			72369
KELLY DOWN (BELOW R B)			1400
DEPTH OF TOOLS			73769

MUD UNIT CHEMICALS
 Kind
 TOUR 1
FIBERTEX GEL SANDUST
 TOUR 2
 TOUR 3

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR			
DEPTH START OF TOUR			737
FOOTAGE DRILLED			

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:30 P.M.	12:00 P.M.
PUMP S.P.M. D.S.I.	/											
ROTARY SPEED R.P.M.	/											
WEIGHT ON BIT M.lbs	/											
MUD WEIGHT lb.gal	/											
VISCOSITY sec.qt	80											
W.L.F.C c.c. 32nd	/											
p.H.	/											
MUD LEVEL IN TANKS Ft. Ins.	/											

Lost 20 bbls

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 3/32	TOTAL HOURS	FROM	TO	FEET PER HOUR	BIT UNDER RUN
1A	12 1/4	26978	OSC-3J	3/16	39 3/4	61	737	676	

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT				
TYPE		PREFLOW	mins. I.H.P.	ps. I.F.P.	ps. Time	ps. Rate	ps. Mud Wt.	ps. Visc.	ps. W.L.F.C.
FROM		ISI	mins. F.H.P.	ps. I.F.P.	ps. Mud Wt.	ps. Visc.	ps. W.L.F.C.		
TO		VO	mins. I.S.I.P.	ps. G.T.S.	mins. Visc.	ps. W.L.F.C.			
Recovery		F.S.I.	mins. F.S.I.P.	ps. F.T.S.	mins. A.V.	ps. P.V.			
HOURS		RECOVERY							

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	MUD ENGINEER'S REPORT		
DRILLER	J. MALONEY	R. BEAUDRI	K. CHRISTENSEN	ps. Time	ps. Rate	ps. Mud Wt.
DERRICKMAN	D. COLLINS	K. BRAY	P. JONES	ps. Visc.	ps. W.L.F.C.	
HELPER	R. HICKS	M. YABLONSKI	W. FINLAY	ps. A.V.	ps. P.V.	
HELPER	J. MARSHALL	B. NICHOLS	D. ZEMBAK	ps. I.C.A.P.	ps. I.C.P.P.	
HELPER	L. DAVIDSON	Z. THOMAS	D. P. DEKOWICH	ps. I.C.P.P.	ps. I.C.P.P.	
FOREMAN	C.R. Chambers			ps. I.C.P.P.	ps. I.C.P.P.	

Totals 730 3/4

MUD and CHEMICALS ADDED			OTHER HOURLY OPERATING DETAIL	
MUD and CHEMICALS ADDED		From	To	WORK DONE
Kind	Amount			
1972				
TOUR	TOUR 1	12 ⁰⁰	1 ⁴⁵	Mix mud (FIBERSEAL)
75 FT	FIBERTEX	2500 SK/45		Pump mud (displace hole
FT	GEL	3500 #		to mud, only sufficient mud
03 FT	SANDUST	1500 SKS	2 ³⁰	to break circ.
24 FT			2 ³⁰	Blow Kelly to stop pipe, run water
78 FT			3 ⁰⁰	in mud tank.
89 FT		7 ⁰⁰	3 ⁰⁰	Mix gel, sandust, fiberseal.
FT	TOUR 2			break circ & ream bridge @
FT		8 ⁰⁰	8 ¹⁵	6'5"
FT		8 ¹⁵	1 ¹⁵	RIG SERVICE
FT		1 ¹⁵	2 ¹⁵	Ream from 6'5" to 7'31"
FT		2 ¹⁵	2 ¹⁵	Circ hole
69 FT				Dommi trip
00 FT		4 ⁰⁰		
69 FT	TOUR 3			FINISH RUN IN, TIGHT SPOT PUT
JR				ON KELLY, COULDN'T BREAK CIRC.
FEET		7 ³⁰	7 ³⁰	HOIST, FLOAT STUCK IN BIT, BTM
FEET		7 ⁴⁵	7 ⁴⁵	HOPE COLLAR PLUGGED
FEET		7 ⁵⁵	8 ³⁰	RIG SERVICE.
HOURS		8 ³⁰	9 ¹⁵	MAKE UP BIT, PUT ON ROTATING HEAD
12 00 P.M.		9 ¹⁵	10 ⁰⁰	RUN IN W/ BIT
		10 ⁰⁰	11 ⁰⁰	BREAK CIRC, CLEAN 90' TO BTM.
				CIRC & WORK PIPE.

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES
 11⁰⁰ 12⁰⁰ Blow Kelly & Hoist, full rotating
 HEAT, MAKE UP BIT.

Lost 20 bbls of mud after filling the hole in 4 1/2 hrs

James Charleston
 SIGNATURE COMPANY ENGINEER

TOUR REPORT

FIELD **BIRCH** WELL NAME **YTE 53** CONTRACTOR **GP** RIG NO **24**
 DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT **JANUARY 22 1972**

DRILLING ASSEMBLY		END OF MORNING TOUR			END OF DAYLIGHT TOUR			END OF AFTERNOON TOUR		
STANDS	DP	NO 2	189	17 FT	NO 3	282	75 FT	NO	272	75 FT
SINGLE	DP	NO 2	61	87 FT	NO			NO		
X OVER SUB	OD		303	FT		303	FT		303	FT
OTHER	OD		SAVER 222	FT		SAVER 224	FT		224	FT
DRILL COLLARS	OD	14	432	89 FT		8 1/2 278	FT		278	FT
DRILL COLLARS	OD	NO		FT	NO 14	432	89 FT	NO	432	89 FT
REAMER	OD	KIND		FT	KIND		FT	KIND		FT
STABILIZER	OD	KIND		FT	KIND		FT	KIND		FT
JARS		KIND		FT	KIND		FT	KIND		FT
BUMPER SUB		KIND		FT	KIND		FT	KIND		FT
BIT OR CORE BARREL				FT			FT			FT
TOTAL DP & TOOLS			691	98 FT		723	69 FT		723	69 FT
KELLY DOWN (BELOW R B)			1700	FT		1400	FT		1400	FT
DEPTH OF TOOLS			708	8 FT		737	69 FT		737	69 FT

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	708 FEET	737 FEET	
DEPTH START OF TOUR	622 FEET	705 FEET	727 FEET
FOOTAGE DRILLED	86 FEET	25 FEET	
DAY WORK	3 1/4 hr + 6 1/4 hr Drilling HOURS		

	2:00 AM	4:00 AM	6:00 AM	8:00 AM	10:00 AM	12:00 AM	2:00 PM	4:00 PM	6:00 PM	8:00 PM	10:00 PM	12:00 AM
PUMP	/											
ROTARY SPEED	100-140				100-140							
WEIGHT ON BIT	10M				11M							
MUD WEIGHT	AIR FOAM				AIR FOAM							
VISCOSITY	300 CFM - 150				PRESS 16							
WL F C	/											
pH	/											
MUD LEVEL IN TANKS	/											

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN INCH	TOTAL HOURS	FROM	TO	REMARKS
1A	12 1/4	26978	0303T	3/16	39 1/4	61	708	647 DRIG.
					39 3/4	61	737	676 5-3-1

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DRILLER	John Maloney	R. L. ...	K. CHRISTENSEN
DERRICKMAN	D. M. Collins	R. Bray	P. JONES
HELPER	R. Hicks	W. ...	W. F. ...
HELPER	J. Marshall	B. ...	O. ZEMBAK
HELPER	L. Davidson	J. Thomas	D. PIDOWICH
FIREMAN			
TOOL PUSHER			

AT 0 and CHEMICALS
 Kind
 TO R 1
 SOAP USED
 34 GALLONS
 TO R 2
 TO R 3
 SANDUST
 FIBERTAX

Soap used
 Double m
 354
 14 7" D.C
 Total
 Saver Sub
 X over so
 Total S

Diff

MUD and CHEMICALS ADDED			OTHER HOURLY OPERATING DETAIL		
			WORK DONE		
Tour	Kind	Amount	From	To	
19 72			12 ⁰⁰	1 ⁰⁰	DRILLING 12 1/4" SURFACE HOLE.
TOUR 1			1 ⁰⁰	1 ¹⁵	RIG SERVICE.
75 FT	SOAP USED		1 ¹⁵	1 ³⁰	SURVEY @ 630' - 1/2"
	34 GALLONS		1 ³⁰	7 ⁰⁰	DRILLING 12 1/4" SURFACE HOLE.
03 FT			7 ⁰⁰	7 ¹⁵	CIRC & WORK PIPE FOR CONNECTIONS.
24 FT			7 ¹⁵	8 ⁰⁰	DRILLING 12 1/4" HOLE.
78 FT					
89 FT					
TOUR 2			8 ⁰⁰	10 ³⁰	DPLG 12 1/4 HOLE
			10 ³⁰	11 ³⁰	CIRC & WORK PIPE ON CONN. WORK
			11 ³⁰	12 ¹⁵	ON AIRLINES, RIG SERVICE
			12 ¹⁵	1 ⁰⁰	CIRC TO TRIP SURVEY
			1 ⁰⁰		HOIST BIT IN - TIGHT 3 STANDS OUT
69 FT					TAKE OFF ROTARI HEAD, HIT TIGHT
00 FT					SALT 4 STANDS OUT, PUT R. TAR.
69 FT					HEAD BACK ON BREAK CIRC
TOUR 3			4 ⁰⁰	4 ⁰⁰	CIRC & WORK TIGHT SPOT, HOIST (TIGHT)
UR	SAWDUST	30 SAKS.			BREAK CIRC PUTTING ON KELLY
FEET	FIBERTEX	3 SAKS.			THROUGH TIGHT SPOTS (MEASURE)
FEET			9 ⁰⁰	9 ⁰⁰	PULL ROTATING HEAD OFF RIG SER.
FEET			9 ⁰⁰	12 ⁰⁰	RUN IN W/ BIT PUT ROTATING HEAD
HOURS					ON, RIG TO CIRC MUD & MIX SAWDUST
M 12 00 P.M					& FIBERTEX, MOVING PIPE.

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

~~SOAP USES 34 GALS.~~

Double measure out at 737

3 Stds Drill Pipe	282.80	
14 7" D.C. + bell sub	434.54	
<u>Total Pipe</u>	<u>717.34</u>	Tally Plus bell sub
Saver Sub	2.24	= 718.44.
X over sub	3.03	
<u>Total String</u>	<u>722.61</u>	

Difference in tally = 1.10' No Correction.

James Charlotte
SIGNATURE COMPANY ENGINEER

TOUR REPORT

FIELD **BIRCH** WELL NAME **VIES3** CONTRACTOR **GP** RIG NO. **24**
 DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT **JANUARY 21 1972**

DRILLING ASSEMBLY		END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
SINGLE	D.P.	NO.	FT.	NO. 2	FT.	63	43	NO. 2	FT.	63	05	NO.	FT.
X-OVER SUB	O.D.		303	FT.		303	FT.	1.02		303	FT.		
OTHER	O.D.		227	FT.		227	FT.			224	FT.		
DRILL COLLARS	O.D.	12	370	41	FT.	14	432	89	FT.	14	432	89	FT.
DRILL COLLARS	O.D.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
BEAMER	O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
STABILIZER	O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
JARS		KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
BUMPER SUB.		KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
BIT OR CORE BARREL			FT.		FT.		FT.		FT.		FT.		FT.
TOTAL D.P. & TOOLS			378	46	FT.		504	17	FT.		598	53	FT.
KELLY DOWN (BELOW R.B.)			38	40	FT.		31	40	FT.		23	47	FT.
DEPTH OF TOOLS			416	86	FT.		530	87	FT.		622	00	FT.

MUD and CHEMICAL Kind
 TOUR 1 Sulfotex
 TOUR 2 Sulfotex
 TOUR 3 Sulfotex

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	616 FEET	530 FEET	622 FEET
DEPTH START OF TOUR	224 FEET	416 FEET	530 FEET
FOOTAGE DRILLED	192 FEET	114 FEET	92 FEET

DAY WORK	8 hrs. HOURS				6 1/2 HRS 12 HOURS				RS. 1/4 SURVEY 12 HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP	300 C.F.M.											
ROTARY SPEED	100/100/100/100				100/100 100/140				100 100 10 100			
WEIGHT ON BIT	8-10 8-10 8-10 8-10				10-12 10-15				8-10 8-10 8-10 8-10			
MUL. WEIGHT	AIR-FOAM				AIR FORM				AIR FORM.			
VISCOSITY	300 C.F.M.				300 C.F.M.							
W.L./F.C.												
p.H.	15 gpm											
MUD LEVEL IN TANKS	0.5 90 Sulfotex											

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOLES	FROM	TO	TOTAL BIT FOOTAGE	FT./HR	BIT CONDITION
1A	12 1/4	26174	0503T	3/16	10 1/4	60	416	355		DRILL.

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT					
TYPE		PREFLOW	mins.	I.H.P.	p.s.i.	F.P.	p.s.i.	Time	A.M.	Aik
FROM		I.S.I.	mins.	F.H.P.	p.s.i.	F.F.P.	p.s.i.	Mud Wt		Int. Gel 10 Min. Gel
TO		V.O.	mins.	I.S.I.P.	p.s.i.	G.T.S.	mins.	Visc		W.L.F.C.
Recovery		F.S.I.	mins.	F.S.I.P.	p.s.i.	F.T.S.	mins.	A.V.		p.H.
HOURS		RECOVERY						P.V.		Solid %
SIGNATURES								Y.P.		CA. p.p.m. CL p.p.m.

	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER	John Madigan	Roger Damsky	K. CHRISTENSEN	Kind	Depth	Reading
DERRICKMAN	D. McCallister	Harvey Bray	P. JONES	TWCO	230	0
HELPER	R. Hicks	Mike Jablonski	W. FINNAN	"	290	1/8"
HELPER	L. Davidson	Benny Nichols	O. ZEMAK	"	351	1/2"
HELPER	J. Marshall	Isaac Thomas		"	446	1/8"
FIREMAN				"	542	1 1/4"
TOOL PUSHER	CR					

1972

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Tour	Kind	Amount		
TOUR 1				
54 FT.	Sulfotex	32 gal.	12 ⁰⁰	12 ²⁵ DRILLING 12 1/4" SURFACE HOLE.
05 FT.			12 ²⁵	12 ²⁵ CIRC & SURVEY @ 230' - 0
03 FT.			10 ⁴⁵	3 ²⁰ DRILLING 12 1/4" SURFACE HOLE.
24 FT.			3 ²⁰	3 ⁴⁵ RIG SERVICE & CIRC HOLE.
89 FT.			3 ²⁵	4 ⁰⁰ SURVEY @ 290' - 1/2"
			4 ⁰⁰	5 ²⁵ DRILLING SURFACE HOLE.
			5 ²⁵	6 ⁰⁰ CIRC HOLE & SURVEY @ 354' - 1/2"
			6 ¹⁵	8 ⁰⁰ DRILLING 12 1/4" SURFACE HOLE.
78 FT.	TOUR 2		8 ⁰⁰	8 ¹⁵ RIG SERVICE
	Sulfotex	20 gal	8 ¹⁵	10 ³⁰ DRLG 12 1/4" HOLE
			10 ³⁰	11 ⁰⁰ CIRC HOLE - SURVEY
			11 ⁰⁰	12 ³⁰ DRLG 12 1/4" HOLE
			12 ³⁰	1 ⁰⁰ CIRC HOLE REPAIR AIR LEAK
			1 ⁰⁰	4 ⁰⁰ DRLG 12 1/4" HOLE
53 FT.				
47 FT.				
00 FT.	TOUR 3		4 ⁰⁰	4 ³⁰ DRAG W/ 8-10 M
DUR	Sulfotex	22 gal.	4 ³⁰	5 ¹⁵ SURVEY @ 542' 1/4" RIG SER. BRAKE ✓
FEET			5 ¹⁵	10 ¹⁵ DRAG W/ 8-10 M
FEET			10 ¹⁵	10 ⁴⁵ THAN OUT BLEED OFF LINE
FEET			10 ⁴⁵	12 ⁰⁰ DRAG W/ 8-10 M.

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

0 100
0 8-10
n.

DITION
REPORT

Gel.
in. Gel
F.C.
%
p.p.m.
p.p.m.

RD
Reading
0
1/2"
1/2"
1/4"
114"

James Charleston
SIGNATURE COMPANY ENGINEER

TOUR REPORT

FIELD **Birch** WELL NAME **HTES3** CONTRACTOR **B.F.** RIG NO **24**
 DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT **January 20 1972**

DRILLING ASSEMBLY	END OF MORNING TOUR	END OF DAYLIGHT TOUR	END OF AFTERNOON TOUR
STANDS .. D.P. NO	FT	NO	FT
SINGLE .. D.P. NO	FT	NO	303 FT
X.OVER SUB .. O.D.	FT	11	224 FT
OTHER .. O.D.	FT	11	278 FT
DRILL COLLARS .. O.D.	FT		
DRILL COLLARS 7" O.D. NO	FT	NO 2	NO 6
REAMER .. O.D. KIND	FT	KIND	KIND
STABILIZER .. O.D. KIND	FT	KIND	KIND
JARS .. O.D. KIND	FT	KIND	KIND
BUMPER SUB .. O.D. KIND	FT	KIND	KIND
BIT OR CORE BARREL	FT		
TOTAL D.P. & TOOLS	FT	7006 FT	29256 FT
KELLY DOWN (BELOW R.B.)	FT	2840 FT	3240 FT
DEPTH OF TOOLS	FT	9540 FT	22476 FT

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	FEET	95 FEET	226 FEET
DEPTH START OF TOUR	FEET	61 FEET	95 FEET
FOOTAGE DRILLED	FEET	34 FEET	131 FEET

DAY WORK	HOURS	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP	s.p.m. p.s.i.	/											
ROTARY SPEED	R.P.M.	Air 200 150 150											
WEIGHT ON BIT	M lbs.	DAILING . 15 gal w/ 0.5% Sulfotex											
MUD WEIGHT	lb/gal	Air 300 CFM.											
VISCOSITY	sec/qt	/											
W.L./F.C.	c.c./32nd	/											
p.H.		/											
MUD LEVEL IN TANKS	Ft. Ins.	/											

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 3/32	TOTAL HOURS	FROM	TO	FT. HR.	BIT CONDITION
1A	12 1/4	26978	HTC OSC-3RR	3/16		61	226	165	RE RUN FR. R. P. ...

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT		
TYPE		PREFLOW	mins. I.H.P.	psi. I.F.P.	Time	A.M. P.M.	Aik
FROM		I.S.I.	mins. F.H.P.	psi. F.F.P.	Mud Wt		Int. Gr. 10 Min. Gr.
TO		V.O.	mins. I.S.I.P.	psi. G.T.S.	mins. Visc.		W.L.F.C.
Recovery		F.S.I.	mins. F.S.I.P.	psi. F.T.S.	mins. A.V.		p.H.
HOURS		RECOVERY			P.V.		Solid

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER	<i>L. Tyson</i>	<i>John ...</i>	<i>R. ...</i>	Kind	Depth	Reading
DERRICKMAN	<i>Richard ...</i>	<i>D. ...</i>	<i>B. ...</i>	TOTCO	108	114°
HELPER	<i>Don ...</i>	<i>Lane Davidson</i>	<i>m. ...</i>	"	140	misrun
HELPER	<i>Pam ...</i>		<i>B. ...</i>	"	170	0°
HELPER	<i>Ben Taylor</i>		<i>R. ...</i>			
FIREMAN						
TOOL PUSHER	<i>C. ...</i>					

MUD ... CHEMICALS
 TOUR 1
 TOUR 2
 Sulfotex
 TOUR 3
 Sulfotex 26

Dug out a
 BJ cema
 experie
 motor no
 the cool
 SPUDDE
 USED 2

No leak
 leak fro
 Drill

MUD & CHEMICALS ADDED			OTHER HOURLY OPERATING DETAIL	
Kind	Amount	From	To	WORK DONE
1972		12:00		Rig SER.
TOUR				THAW OUT PERMA-FROST AROUND CONDUCTOR BBL + DIG OUT ROCKS + CEMENT LEAK
03 FT				HOOK UP REFRIGERATION UNIT
24 FT				PUT UP H.B. LINE TIGHTEN LINE SPOODER LINE
79 FT				WORK ON REFRIGERATION MOTOR
54 FT			8:00	
TOUR 2				WORK ON REFRIGERATION MOTOR, CHANGE RING GASKET ON GRANT HEAD.
Sulfotex	10 gal			BREAK CIRCULATION
				CHANGE CHAMP GASKET ON BLEND LINE
			4:00	SPUD @ 12:30 PM.
				DRILLING 12 1/4" SURFACE HOLE
36 FT				
40 FT				
76 FT				
TOUR 3		4:00	5:30	DRILLING 12 1/4" SURFACE HOLE
Sulfotex	26 gal	5:30	6:15	SURVEY + B.G. SERVICE
		6:15	7:45	DRILLING 12 1/4" SURFACE HOLE
		7:45	8:00	SURVEY
		8:00	9:15	DRILL
		9:15	9:30	SURVEY
		9:30	12:00	DRILL

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Dug out around conductor pipe and cemented with BJ cement. Rigged up alcohol circulating unit experienced problems with motor ~~on~~ cooler motor not operative circulating alcohol without the cooler fan operating.
 SPUDDED 12:30 PM January 20, 1972
 USED 26 GALS SOAP

No leak around the conductor pipe, slight leak from top of the Grant head.

Drilling License Number 564

James Charlton
 SIGNATURE COMPANY ENGINEER

Reading
 114°
 misron
 0°

TOUR REPORT

CONTRACTOR **GP** RIG NO **24**

FIELD **Birch** WELL NAME **YTES3** LSD SEC TWP Rge W
 DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT **January 19 1972**

MUD CHEMICALS
Kind

DRILLING ASSEMBLY	END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	
SINGLE	D.P.	NO	FT	NO	FT	NO	FT	NO	FT	NO	FT	
X-OVER SUB	O.D.		FT		FT		FT		FT		FT	
OTHER	O.D.		FT		FT		FT		FT		FT	
DRILL COLLARS	O.D.		FT		FT		FT		FT		FT	
DRILL COLLARS	O.D.	NO	FT	NO	FT	NO	FT	NO	FT	NO	FT	
REAMER	O.D.	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	
STABILIZER	O.D.	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	
JARS		KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	
BUMPER SUB		KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	
BIT OR CORE BARREL			FT		FT		FT		FT		FT	
TOTAL D.P. & TOOLS			FT		FT		FT		FT		FT	
KELLY DOWN (BELOW R.B.)			FT		FT		FT		FT		FT	
DEPTH OF TOOLS			FT		FT		FT		FT		FT	

TOUR
2 Sax. Ge

TOUR 2
MAGOGEL

TOUR 3
MAGOGEL

TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR			
DEPTH END OF TOUR				FEET				FEET				FEET
DEPTH START OF TOUR				FEET				FEET				FEET
FOOTAGE DRILLED				FEET				FEET				FEET

DAY WORK	HOURS						HOURS					
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP	s.p.m. Shut down the foaming equipment											
ROTARY SPEED	R.P.M. opened the Barber gate to the run											
WEIGHT ON BIT	M lbs. Tank and removed the bull plug											
MUD WEIGHT	lb/gal from the blow line. Found the Barber gate 8.6											
VISCOSITY	sec/qt to the blow line frozen. Thawed out 50											
W.L.F.C.	c.c./32nd the gate w/ steam. Blow stopped 13.5											
p.H.												
MUD LEVEL IN TANKS	Ft.-Ins. from ground the conductor deepened 6.5											
	the holes around the conductor w/ steam. 3.78											

Contractor
rig No
twin GMC
D-500 Em
diesel 450
diesel mu
series 900

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT HR	BIT CONDITION
1A	12 1/4	26978	HTC OSC-3 ReRun	3/16					ReRun fr N. Parker

Napanee
diesel fire
plant
control o
pipe, 7"
285 bbls
powered
fuel stor
floor line

CORE No.	No.	DST No	FROM	TO	MUD ENGINEER'S REPORT				
TYPE		PREFLOW	mins	IHP	psi	IEP	psi	Time	AM PM
FROM		ISI	mins	FHP	psi	FFP	psi	Mud Wt.	Aik
TO		V.O.	mins	ISIP	psi	GTS	mins	Visi	10 Min. Gel
Recovery		F.SI	mins	F.SIP	psi	F.T.S.	mins	A.V	W.L.F.C
HOURS		RECOVERY						P.V	p.H
									Sand
									C.A. b.p.m.
									C.L. p.p.m.

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
				Kind	Depth	Reading
DRILLER	L. Tyson	John Moloney	R. Beaudet			
DERRICKMAN	R. Ragnier	Don Collins	K. Beaudet			
HELPER	K. Taylor	R. Hicks	M. Beaudet			
HELPER	R. Linklater	J. Marshall	R. Nichols			
HELPER	D. Walker	L. Davidson	R. Topper			
FIREMAN		I. Thomas				
TOOL PUSHER	AR Harbus					

to
Attempt
the well
back to 14
the conda
from the

1972		MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
TOUR	Kind	Amount				
TOUR 1	2 Sax. Gall.		12 ⁰⁰	8 ⁰⁰		Rig Service Put 3" water line on boiler from water tank Fill mud tank w/ water Fix leak in lines Prime D-500 Mixing Mud Fix Mud Roll on Mud Tanks.
TOUR 2	MAGOGEL 40SAX		8 ⁰⁰	5 ⁰⁰		MAKE up flow line to shaker box and blow line Mix gel Pick up bottom hole collar makeup Dit bell sub saver sub etc Change rubber on Grant head.
TOUR 3	Magocgel 49SAX		12 ⁰⁰	12 ⁰⁰		CLEAN OUT CELLAR & DITCH & Sump CEMENT CELLAR - FINISH HOOKING UP BLUISH LINE - PREPARE TO SPUD WAIT ON SOAP 1 HR.

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Contractor ~~General Petroleum~~ Drilling Co of Calgary
 rig No 24. w/ T-32 National drawworks powered by 610
 twin GMC Diesel motors 400 HP, 128' Lee C. Moore most
 D-500 Emson main pump powered by a 379 Caterpillar
 diesel 450 HP, National C-250 powered by twin 679 GMC 400HP
 diesel motors 7 x 15' as a stand by. GK10 Hydril series 900
 series 900 10" Hydraulic double gate shifter Main boiler
 Napanee 70 HP diesel fired, No2-60 HP Napanee
 diesel fired. D-330 main light plant No2-320 light
 plant
 30P closing with floor control & remote
 control at pump 250 ton Boasch Ross block 4 1/2" FH Drill
 pipe, 7" 4-1/2" H90 drill collars 8 x 40 x 5' mud tank
 285 bbls Rumbly shale shake 12 Cone Tompson classifier
 powered by a GMC diesel. Cylinder 3000 gallon rig
 fuel storage 200 bbl water storage 2" API CAODE
 flow line manifold.

~~12:30~~ to Bottom of Table to matting 9.30'

Attempted to spud at 11:00 PM. Started to circulate
 the well to foam. Pressure rose to 200 psi and dropped
 back to 140 psi. Foam began coming up around
 the conductor pipe approximately 1'
 from the pipe on the mouse hole side

James Charles
 SIGNATURE COMPANY ENGINEER

TOUR REPORT

CONTRACTOR **GD**

RIG NO **24**

FIELD **Birch**

WELL NAME **YTES3**

LSD SEC TWP Rge W

- DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING

FOR 24 HOURS ENDING 12 MIDNIGHT **January 18 1972**

MUD and CHEMICALS Kind

DRILLING ASSEMBLY	END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS .. D.P.	NO.			FT	NO.			FT	NO.			FT
SINGLE .. D.P.	NO.			FT	NO.			FT	NO.			FT
X-OVER SUB .. O.D.				FT				FT				FT
OTHER .. O.D.				FT				FT				FT
DRILL COLLARS .. O.D.				FT				FT				FT
DRILL COLLARS .. O.D.	NO.			FT	NO.			FT	NO.			FT
REAMER .. O.D.	KIND			FT	KIND			FT	KIND			FT
STABILIZER .. O.D.	KIND			FT	KIND			FT	KIND			FT
JARS	KIND			FT	KIND			FT	KIND			FT
BUMPER SUB.	KIND			FT	KIND			FT	KIND			FT
BIT OR CORE BARREL				FT				FT				FT
TOTAL D.P. & TOOLS				FT				FT				FT
KELLY DOWN (BELOW R.B.)				FT				FT				FT
DEPTH OF TOOLS				FT				FT				FT

TOUR 1

TOUR 2

TOUR 3

TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR			
DEPTH END OF TOUR				FEET				FEET				FEET
DEPTH START OF TOUR				FEET				FEET				FEET
FOOTAGE DRILLED				FEET				FEET				FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:30 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.

PUMP	s.p.m. p.s.i.	
ROTARY SPEED	R.P.M.	
WEIGHT ON BIT	M lbs.	
MUD WEIGHT	lb/gal	
VISCOSITY	sec/qt	
W.L./F.C.	c.c./32nd	
p.H.		
MUD LEVEL IN TANKS	Ft.-Ins.	

Extended the conductor pipe with 8' of 13 3/8" casing with a 12" flange welded on top. Nipped up the Grant rotating head. Had to cut the weld on the 13 3/8" swage to line up the flow nipple with the shale shaker. Rewelded the 13 3/8" to the swage.

WELL COORDINATOR

UNIQUE UNIVERSAL

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT/HR	BIT CONDITION
-----	------	--------	-------------------	-------------------	-------------	------	----	-------	---------------

Original Fill Name Matt K B T K

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT				
					Time	A.M. P.M.	Visc	W.L.F.C.	
TYPE		PREFLOW	mins	I.H.P.	psi	I.F.P.	psi	Time	A.M. P.M.
FROM		ISI	mins	F.H.P.	psi	F.F.P.	psi	Mud Wt.	Int. Gel 10 Min. Gel
TO		V.O.	mins	I.S.I.P.	psi	G.T.S.	mins	Visc	W.L.F.C.
Recovery		F.S.I	mins	F.S.I.P.	psi	F.T.S.	mins	A.V.	p.H.
HOURS		RECOVERY						P.V.	Solid

K.B.

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	Y.P.	DEVIATION RECORD		
					Kind	Depth	Reading
DRILLER	L. Tyson	John Maloney	R. Beaudry				
DERRICKMAN	R. Regnier		KA Bray				
HELPER	K. Tolgor	R. Hicks	M. Jablonski				
HELPER	D. Walker	I. Thomas	R. Tipper				
HELPER	R. Linlater	J. Marshall	B. Nicholl				
FIREMAN	AR Chambers						
TOOL PUSHER	AR Chambers						

New

Bottom of

Swaged 2 a lease m

1972		MUD and CHEMICALS ADDED		OTHER HOURLY OPERATING DETAIL		
		Kind	Amount	From	To	WORK DONE
TOUR		TOUR 1		12 ⁰⁰	12 ⁰⁰	Rig Service Make up Kelly & fill w/oil Fill rotary table w/oil Unload fuel from truck to storage tank
FT.						
FT.						
FT.						
FT.						
FT.						
FT.		TOUR 2		8 ⁰⁰	4 ⁰⁰	Welding Conductor pipe & flange Pick up Grant head Rigging up air drillers etc
FT.						
FT.						
FT.						
FT.						
FT.						
FT.		TOUR 3		12 ⁰⁰	12 ⁰⁰	Rig Service Rig steam lines to shaker house Check D-500 pump Work on No.2 boiler Hook up flowline Barber gate General rig up
UR						
FEET						
FEET						
FEET						
HOURS						
M	12.00 P.M.					

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

WELL CHEVRON SOBC WM BIRCH YTE 53
 COORDINATES LATITUDE N 66° 02' 21"
 LONGITUDE W 136° 56' 05"
 UNIQUE WELL IDENTIFIER 300 05366 101 364 50
 UNIVERSAL WELL LOCATION REFERENCE LAT 66.03527°N,
 LONG 136.92472°W.

Original Ground Elevation	2023'
Fill	2.40'
New Ground Level	2025.40'
Matting	0.75'
Matting Elevation	2026.15'
KB To Matting	12.35'
KB Elevation	2038.50'
<u>KB Elevation</u>	<u>2038.50'</u>
New Ground Elevation	2025.40'

Bottom of table to top conductor pipe 11.50'
 Swaged 20" conductor to 13 3/8" with James Charliat
 a lease manufactured swage

SIGNATURE COMPANY ENGINEER

TOUR REPORT

CONTRACTOR

RIG NO

FIELD *Eagle Plains* WELL NAME *N66°03'07"* LSD *W* SEC *136°* TWP *33'* Rge *29" W*

Cherry

DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT

Dec-23 1971

MUD CHEMICALS ADD

Kind

DRILLING ASSEMBLY	END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS .. D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
SINGLE .. D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
X-OVER SUB .. O.D.		FT.		FT.		FT.		FT.		FT.		FT.
OTHER .. O.D.		FT.		FT.		FT.		FT.		FT.		FT.
DRILL COLLARS .. O.D.		FT.		FT.		FT.		FT.		FT.		FT.
DRILL COLLARS .. O.D.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
REAMER .. O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
STABILIZER .. O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
JARS	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
BUMPER SUB.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
BIT OR CORE BARREL		FT.		FT.		FT.		FT.		FT.		FT.
TOTAL D.P. & TOOLS		FT.		FT.		FT.		FT.		FT.		FT.
KELLY DOWN (BELOW R.B.)		FT.		FT.		FT.		FT.		FT.		FT.
DEPTH OF TOOLS		FT.		FT.		FT.		FT.		FT.		FT.

TOUR 1

TOUR 2

TOUR 3

TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR			
DEPTH END OF TOUR				FEET				FEET				FEET
DEPTH START OF TOUR				FEET				FEET				FEET
FOOTAGE DRILLED				FEET				FEET				FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	12:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP s.p.m. p.s.i.	/	/	/	/	/	/	/	/	/	/	/	/
ROTARY SPEED R.P.M.												
WEIGHT ON BIT M lbs.												
MUD WEIGHT lb/gal												
VISCOSITY sec/qt												
W.L./F.C. c.c./32nd	/	/	/	/	/	/	/	/	/	/	/	/
p.H.												
MUD LEVEL IN TANKS Ft. Ins.												

*Roberts
Unit #18
Operator
Helper*

*Finished &
Returned*

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FEET	FEET HR	BIT CONDITION

CORE No.	No.	DST No	FROM	TO	MUD ENGINEER'S REPORT					
TYPE		PREFLOW	mins.	I.H.P.	p.s.i.	F.F.P.	p.s.i.	Time	A.M. P.M.	Aik
FROM		I.S.I.	mins.	F.H.P.	p.s.i.	F.F.P.	p.s.i.	Mud Wt.		Int. Gel 10 Min. Gel
TO		V.O.	mins.	I.S.I.P.	p.s.i.	G.T.S.	mins.	Visc.		W.L.F.C.
Recovery		F.S.I.	mins.	F.S.I.P.	p.s.i.	F.T.S.	mins.	A.V.		p.H.
HOURS		RECOVERY						P.V.		Solid
								Y.P.		C.A. p.p.m. C.L. p.p.m.

*Cemented
215 sack
Conductor*

1-

1-

Conductor

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
				Kind	Depth	Reading
DRILLER						
DERRICKMAN						
HELPER						
HELPER						
HELPER						
FIREMAN						
TOOL PUSHER						

TOUR REPORT

CONTRACTOR

RIG NO

FIELD *Eagle Plains* WELL NAME *N66°03'07"* LSD *W* SEC *136°* TWP *33'* Rge *29" W*

DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT

Dec - 23 1971

Cherry

MUD CHEMICALS ADD

Kind

DRILLING ASSEMBLY	END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS .. D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
SINGLE .. D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
X-OVER SUB .. O.D.		FT.		FT.		FT.		FT.		FT.		FT.
OTHER .. O.D.		FT.		FT.		FT.		FT.		FT.		FT.
DRILL COLLARS .. O.D.		FT.		FT.		FT.		FT.		FT.		FT.
DRILL COLLARS .. O.D.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
REAMER .. O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
STABILIZER .. O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
JARS	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
BUMPER SUB.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
BIT OR CORE BARREL		FT.		FT.		FT.		FT.		FT.		FT.
TOTAL D.P. & TOOLS		FT.		FT.		FT.		FT.		FT.		FT.
KELLY DOWN (BELOW R.B.)		FT.		FT.		FT.		FT.		FT.		FT.
DEPTH OF TOOLS		FT.		FT.		FT.		FT.		FT.		FT.

TOUR 1

TOUR 2

TOUR 3

TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR			
DEPTH END OF TOUR				FEET				FEET				FEET
DEPTH START OF TOUR				FEET				FEET				FEET
FOOTAGE DRILLED				FEET				FEET				FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	12:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP s.p.m. p.s.i.	/	/	/	/	/	/	/	/	/	/	/	/
ROTARY SPEED R.P.M.												
WEIGHT ON BIT M lbs.												
MUD WEIGHT lb/gal												
VISCOSITY sec/qt												
W.L./F.C. c.c./32nd	/	/	/	/	/	/	/	/	/	/	/	/
p.H.												
MUD LEVEL IN TANKS Ft. Ins.												

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FEET	FT HR	BIT CONDITION

CORE No.	No.	DST No	FROM	TO	MUD ENGINEER'S REPORT					
TYPE		PREFLOW	mins.	I.H.P.	p.s.i.	I.F.P.	p.s.i.	Time	A.M. P.M.	Aik
FROM		I.S.I.	mins.	F.H.P.	p.s.i.	F.F.P.	p.s.i.	Mud Wt.		Int. Gel
TO		V.O.	mins.	I.S.I.P.	p.s.i.	G.T.S.	mins.	Visc.		10 Min. Gel
Recovery		F.S.I.	mins.	F.S.I.P.	p.s.i.	F.T.S.	mins.	A.V.		W.L.F.C.
HOURS		RECOVERY						P.V.		p.H.
								Y.P.		Solid
										C.A. p.p.m.
										C.L. p.p.m.

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
				Kind	Depth	Reading
DRILLER						
DERRICKMAN						
HELPER						
HELPER						
HELPER						
FIREMAN						
TOOL PUSHER						

Roberts
Unit 318
Operator
Helper

Finished &
Returned

Cemented
215 sack
Conductor

1-
1-
Conductor

TOUR REPORT

CONTRACTOR

RIG NO

FIELD *Eagle Plains* WELL NAME *N66°03'07"* LSD *W* SEC *136°* TWP *33'* Rge *29" W*

DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT

Dec-23 1971

Cherry

MUD CHEMICALS ADD

Kind

DRILLING ASSEMBLY	END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS .. D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
SINGLE .. D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
X-OVER SUB .. O.D.		FT.		FT.		FT.		FT.		FT.		FT.
OTHER .. O.D.		FT.		FT.		FT.		FT.		FT.		FT.
DRILL COLLARS .. O.D.		FT.		FT.		FT.		FT.		FT.		FT.
DRILL COLLARS .. O.D.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
REAMER .. O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
STABILIZER .. O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
JARS	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
BUMPER SUB.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
BIT OR CORE BARREL		FT.		FT.		FT.		FT.		FT.		FT.
TOTAL D.P. & TOOLS		FT.		FT.		FT.		FT.		FT.		FT.
KELLY DOWN (BELOW R.B.)		FT.		FT.		FT.		FT.		FT.		FT.
DEPTH OF TOOLS		FT.		FT.		FT.		FT.		FT.		FT.

TOUR 1

TOUR 2

TOUR 3

TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR			
DEPTH END OF TOUR				FEET				FEET				FEET
DEPTH START OF TOUR				FEET				FEET				FEET
FOOTAGE DRILLED				FEET				FEET				FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	12:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP s.p.m. p.s.i.	/	/	/	/	/	/	/	/	/	/	/	/
ROTARY SPEED R.P.M.												
WEIGHT ON BIT M lbs.												
MUD WEIGHT lb/gal												
VISCOSITY sec/qt												
W.L./F.C. c.c./32nd	/	/	/	/	/	/	/	/	/	/	/	/
p.H.												
MUD LEVEL IN TANKS Ft. Ins.												

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FEET	FT HR	BIT CONDITION

CORE No.	No.	DST No	FROM	TO	MUD ENGINEER'S REPORT					
TYPE		PREFLOW	mins.	I.H.P.	p.s.i.	I.F.P.	p.s.i.	Time	A.M. P.M.	Aik
FROM		I.S.I.	mins.	F.H.P.	p.s.i.	F.F.P.	p.s.i.	Mud Wt.		Int. Gel. 10 Min. Gel.
TO		V.O.	mins.	I.S.I.P.	p.s.i.	G.T.S.	mins.	Visc.		W.L.F.C.
Recovery		F.S.I.	mins.	F.S.I.P.	p.s.i.	F.T.S.	mins.	A.V.		p.H.
HOURS		RECOVERY						P.V.		Solid

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
				Kind	Depth	Reading
DRILLER						
DERRICKMAN						
HELPER						
HELPER						
HELPER						
FIREMAN						
TOOL PUSHER						

Roberts Unit #18 Operator Helper

Finished & Returned

Cemented 215 sack conductor

1-

1-

Conductor

TOUR REPORT

CONTRACTOR

RIG NO

FIELD _____ WELL NAME *N66°02'07"* LSD *W* SEC *136* TWP *55* Rte *29* W
 DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT *Dec 22 1971*

Ch...

MUD in CHEMICAL Kind

DRILLING ASSEMBLY	END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS .. D.P.	NO.			FT.	NO.			FT.	NO.			FT.
SINGLE .. D.P.	NO.			FT.	NO.			FT.	NO.			FT.
X OVER SUB .. O.D.				FT.				FT.				FT.
OTHER .. O.D.				FT.				FT.				FT.
DRILL COLLARS .. O.D.				FT.				FT.				FT.
DRILL COLLARS .. O.D.	NO.			FT.	NO.			FT.	NO.			FT.
REAMER .. O.D.	KIND			FT.	KIND			FT.	KIND			FT.
STABILIZER .. O.D.	KIND			FT.	KIND			FT.	KIND			FT.
JARS	KIND			FT.	KIND			FT.	KIND			FT.
BUMPER SUB	KIND			FT.	KIND			FT.	KIND			FT.
BIT OR CORE BARREL				FT.				FT.				FT.
TOTAL D.P. & TOOLS				FT.				FT.				FT.
KELLY DOWN (BELOW R.B.)				FT.				FT.				FT.
DEPTH OF TOOLS				FT.				FT.				FT.

TOUR 1

TOUR 2

TOUR 3

TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR			
DEPTH END OF TOUR				FEET				FEET				FEET
DEPTH START OF TOUR				FEET				FEET				FEET
FOOTAGE DRILLED				FEET				FEET				FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP <i>S.p.m.</i> <i>p.s.i.</i>	/	/	/	/	/	/	/	/	/	/	/	/
ROTARY SPEED <i>R.P.M.</i>												
WEIGHT ON BIT <i>M.lbs.</i>												
MUD WEIGHT <i>lb/gal</i>												
VISCOSITY <i>sec/qt</i>												
W.L./F.C. <i>c.c./32nd</i>	/	/	/	/	/	/	/	/	/	/	/	/
p.H.												
MUD LEVEL IN TANKS <i>Ft./Ins.</i>												

Roberts
Unit #18
Operator
Helper
Welding
in Cond
Initial

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT. HR.	BIT CONDITION

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT			
TYPE		PREFLOW:	mins. I.H.P.	p.s.i. I.F.P.	Time	A.M.	P.M.	AIK.
FROM		I.S.I.	mins. F.H.P.	p.s.i. F.F.P.	Mud. Wt.	Int. Gel 10 Min. Gel		
TO		V.O.	mins. I.S.I.P.	p.s.i. G.T.S.	Visc.	W.L.F.C.		
Recovery		F.S.I.	mins. F.S.I.P.	p.s.i. F.T.S.	A.V.	p.H.		
HOURS		RECOVERY:			P.V.	Sand		
					Y.P.	C.A. p.p.m. G.L. p.p.m.		

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER				Kind	Depth	Reading
DERRICKMAN						
HELPER						
HELPER						
HELPER						
FIREMAN						
TOOL PUSHER						

TOUR REPORT

CONTRACTOR

RIG NO

FIELD

WELL NAME *N 66° 02' 07"*

LSD *W* SEC *136°* TWP *55'*

Ran *29'* W

- DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING

FOR 24 HOURS ENDING 12 MIDNIGHT

Dec 21 1971

MUD and CHEMICALS

Chevy

Kind

DRILLING ASSEMBLY		END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
SINGLE	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
X-OVER SUB	O.D.		FT.		FT.		FT.		FT.		FT.		FT.
OTHER	O.D.		FT.		FT.		FT.		FT.		FT.		FT.
DRILL COLLARS	O.D.		FT.		FT.		FT.		FT.		FT.		FT.
DRILL COLLARS	O.D.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
REAMER	O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
STABILIZER	O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
JARS		KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
BUMPER SUB.			FT.		FT.		FT.		FT.		FT.		FT.
BIT OR CORE BARREL			FT.		FT.		FT.		FT.		FT.		FT.
TOTAL D.P. & TOOLS			FT.		FT.		FT.		FT.		FT.		FT.
KELLY DOWN (BELOW R.B.)			FT.		FT.		FT.		FT.		FT.		FT.
DEPTH OF TOOLS			FT.		FT.		FT.		FT.		FT.		FT.

TOUR 1

TOUR 2

TOUR 3

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	FEET	FEET	FEET
DEPTH START OF TOUR	FEET	FEET	FEET
FOOTAGE DRILLED	FEET	FEET	FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP	/											
ROTARY SPEED	/											
WEIGHT ON BIT	/											
MUD WEIGHT	/											
VISCOSITY	/											
W.L./F.C.	/											
p.H.	/											
MUD LEVEL IN TANKS	/											

Roberts Unit #1 Operator Helper
Dug
Dug

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT HR	BIT CONDITION

CORE No.	No.	DST No.	FROM				TO				MUD ENGINEER'S REPORT		
			PREFLOW	mins.	I.H.P.	p.s.i.	I.F.P.	p.s.i.	Time	AM	PM	Air	
FROM			I.S.I.	mins.	F.H.P.	p.s.i.	F.F.P.	p.s.i.	Mud Wt	Int. Gel	10 Min. Gel		
TO			V.O.	mins.	I.S.I.P.	p.s.i.	G.T.S.	mins.	Visc	W.L.F.C.			
Recovery			F.S.I.	mins.	F.S.I.P.	p.s.i.	F.T.S.	mins.	A.V.	p.H.			
HOURS			RECOVERY:						P.V.	Solid			

Total

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
				Kind	Depth	Reading
DRILLER						
DERRICKMAN						
HELPER						
HELPER						
HELPER						
FIREMAN						
TOOL PUSHER						

Chevron SOB3 Wm BIRCH YT C-53

OTHER HOURLY OPERATING DETAIL
WORK DONE

1971		MUD and CHEMICALS ADDED		From	To
TOUR		Kind	Amount		
	FT.	TOUR 1			
	FT.				
	FT.				
	FT.				
	FT.				
	FT.				
	FT.	TOUR 2			
	FT.				
	FT.				
	FT.				
	FT.				
	FT.				
	FT.				
	FT.	TOUR 3			
	FT.				
UR					
FEET					
FEET					
FEET					
HOURS					
M	12:00 P.M.				

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Roberts Rathole Drilling Limited
Unit #18
Operator W Masur
Helper J Lutschynski

Run 16" rat hole 25' - 27' 2 hrs
Run 30" conductor hole 35' - 45' 9 hrs
11 hrs

Total Teeth used on job 45
" Reamers " " 10

L. F. Grumbly
SIGNATURE COMPANY ENGINEER

972
 4 FT.
 5 FT.
 3 FT.
 4 FT.
 9 FT.
 FT.
 8 FT.
 FT.
 FT.
 FT.
 3 FT.
 7 FT.
 0 FT.
 FEET
 FEET
 FEET
 HOURS
 2.00 P.M.
 100
 8-10
 N
 DRT
 el
 n.
 n.
 Reading
 0
 1/8"
 1/2"
 3/4"
 1 1/4"

MLD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
TOUR 1		12 ⁰⁰	12 ²⁵	DRILLING 12 1/4" SURFACE HOLE.
Sulfotex	32 gal.	12 ²⁵	12 ²⁵	CIRC & SURVEY @ 230' - 0
		12 ⁴⁵	3 ²⁰	DRILLING 12 1/4" SURFACE HOLE.
		3 ²⁰	3 ⁴⁵	RIG SERVICE & CIRC HOLE.
		3 ⁴⁵	4 ⁰⁰	SURVEY @ 290' - 1/2"
		4 ⁰⁰	5 ²⁵	DRILLING SURFACE HOLE.
		5 ²⁵	6 ⁰⁰	CIRC HOLE & SURVEY @ 354' - 1/2"
		6 ⁰⁰	8 ⁰⁰	DRILLING 12 1/4" SURFACE HOLE.
TOUR 2		8 ⁰⁰	8 ¹⁵	RIG SERVICE
Sulfotex	20 gal	8 ¹⁵	10 ³⁰	DRLG 12 1/4" HOLE
		10 ³⁰	11 ⁰⁰	CIRC HOLE & SURVEY
		11 ⁰⁰	12 ³⁰	DRLG 12 1/4" HOLE
		12 ³⁰	1 ⁰⁰	CIRC HOLE REPAIR AIR LEAK
		1 ⁰⁰	4 ⁰⁰	DRLG 12 1/4" HOLE
TOUR 3		4 ⁰⁰	4 ³⁰	DRAG W/ 8-10 M
Sulfotex	22 gal.	4 ³⁰	5 ¹⁵	SURVEY @ 542 1/4" RIG SER. BRAKE ✓
		5 ¹⁵	10 ¹⁵	DRAG W/ 8-10 M
		10 ¹⁵	10 ⁴⁵	THAN OUT BLEED OFF LINE
		10 ⁴⁵	12 ⁰⁰	DRAG W/ 8-10 M.

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

James Charleston
 SIGNATURE COMPANY ENGINEER

TOUR REPORT

FIELD **Birch** WELL NAME **VES3** CONTRACTOR **G.P.** RIG NO **24**
 DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT **January 20 1972**

DRILLING ASSEMBLY	END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	
SINGLE	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	
X-OVER SUB	O.D.		FT.	1 1/2	303		FT.		224		FT.	
OTHER	O.D.		FT.	1 1/2	303		FT.		270		FT.	
DRILL COLLARS	O.D.		FT.				FT.				FT.	
DRILL COLLARS	O.D.	NO.	FT.	NO. 2	6201	NO. 6	28450				FT.	
REAMER	O.D.	KIND	FT.				FT.				FT.	
STABILIZER	O.D.	KIND	FT.				FT.				FT.	
JARS		KIND	FT.				FT.				FT.	
BUMPER SUB.		KIND	FT.				FT.				FT.	
BIT OR CORE BARREL			FT.				FT.				FT.	
TOTAL D.P. & TOOLS			FT.		7006		FT.		29236		FT.	
KELLY DOWN (BELOW R.B.)			FT.		2540		FT.		3240		FT.	
DEPTH OF TOOLS			FT.		9540		FT.		32476		FT.	

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR		95	236
DEPTH START OF TOUR		61	95
FOOTAGE DRILLED		34	131

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:30 P.M.	12:00 P.M.	
PUMP	/											
ROTARY SPEED	Air 2000 150 150											
WEIGHT ON BIT	DAILING . 15 gal w/ 0.5% Sulfotax											
MUD WEIGHT	Air 300 CFM.											
VISCOSITY	/											
W.L./F.C.	/											
p.H.	/											
MUD LEVEL IN TANKS	/											

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT. HR.	BIT CONDITION
1A	12 1/4	26978	HTC OSC-3RR	3/16		61	226	165	RE RUN FROM 61

CORE	No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT				
TYPE			PREFLOW	mins.	I.H.P.	psi.	Time	A.M.	P.M.	Aik
FROM			I.S.I.	mins.	F.H.P.	psi.	F.F.P.	psi.	Mud Wt	Int. Gr.
TO			V.O.	mins.	I.S.I.P.	psi.	G.T.S.	mins.	Visc	W.L.F.C.
Recovery			F.S.I.	mins.	F.S.I.P.	psi.	F.T.S.	mins.	A.V.	p.H.
HOURS			RECOVERY						P.V.	Solid
									Y.P.	C.A. ppm
										CL. ppm

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER	L. Johnson	Richard Johnson	R. M. Brady	Kind	Depth	Reading
DERRICKMAN	Richard Johnson	R. M. Brady	B. J. ...	TUTCO	108	114°
HELPER	D. W. ...	Lone Davidson	...	"	140	misrun
HELPER	...	...	B. Nichols	"	170	0°
HELPER	Ken Taylor	...	R. Tipper			
FIREMAN						
TOOL PUSHER	...					

MUD CHEMICALS
 TOUR 1
 Sulfotax
 TOUR 2
 Sulfotax
 Dug out
 BJ cement
 experier
 motor r
 the cool
 SPUD
 USED

No leak
 leak for
 Drilling

1972		MUD CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
OUR	TOUR	Kind	Amount			
				12 ⁰⁰		Rig SER. THAW OUT PERMA-FROST AROUND CONDUCTOR BBL + DIG OUT ROCKS + CEMENT LEAK - HOOK UP REFRIGERATION UNIT PUT UP H.B. LINE TIGHTEN LINE SPOODER LINE WORK ON REFRIGERATION MOTOR
					8 ⁰⁰	
	TOUR 2	Sulfatex	10 gal			WORK ON REFRIGERATION MOTOR, CHANGE RING GASKET ON GRANT HEAD. BREAK CIRCULATION CHANGE PUMP GASKET ON BLINE LINE SPUD @ 12 ³⁰ PM. DRILLING 12 1/4" SURFACE HOLE
					4 ⁰⁰	
	TOUR 3	Sulfatex	26 gal	4 ⁰⁰	5 ³⁰	DRILLING 12 1/4" SURFACE HOLE
				5 ³⁰	6 ¹⁵	SURVEY + RIG SERVICE
				6 ¹⁵	7 ⁴⁵	DRILLING 12 1/4" SURFACE HOLE
				7 ⁴⁵	8 ⁰⁰	SURVEY
				8 ⁰⁰	9 ¹⁵	DRLG
				9 ¹⁵	10 ³⁰	SURVEY
				10 ³⁰	12 ⁰⁰	DRLG

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Dug out around conductor pipe and cemented with BJ cement. Rigged up alcohol circulating unit experienced problems with motor ~~on~~ cooler motor not operative circulating alcohol without the cooler fan operating.
 SPUDDED 12:30 PM January 20, 1972
 USED 26 GALS SOAP

No leak around the conductor pipe, slight leak from top of the Grant head.

Drilling License Number 564

Reading
114°
Mison
0°

James Charlton
SIGNATURE COMPANY ENGINEER

TOUR REPORT

FIELD **Birch**

WELL NAME **YTES3**

CONTRACTOR **GP**

RIG NO **24**

DRILLING DEEPENING COMPLETING

REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT

January 19 1972

DRILLING ASSEMBLY		END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
SINGLE	D.P.	NO	FT	NO	FT	NO	FT	NO	FT	NO	FT	NO	FT
X-OVER SUB	O.D.		FT		FT		FT		FT		FT		FT
OTHER	O.D.		FT		FT		FT		FT		FT		FT
DRILL COLLARS	O.D.		FT		FT		FT		FT		FT		FT
DRILL COLLARS	O.D.	NO	FT	NO	FT	NO	FT	NO	FT	NO	FT	NO	FT
REAMER	O.D.	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT
STABILIZER	O.D.	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT
JARS		KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT
BUMPER SUB		KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT
BIT OR CORE BARREL			FT		FT		FT		FT		FT		FT
TOTAL D.P. & TOOLS			FT		FT		FT		FT		FT		FT
KELLY DOWN (BELOW R.B.)			FT		FT		FT		FT		FT		FT
DEPTH OF TOOLS			FT		FT		FT		FT		FT		FT

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	FEET	FEET	FEET
DEPTH START OF TOUR	FEET	FEET	FEET
FOOTAGE DRILLED	FEET	FEET	FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.

PUMP	s.p.m. p.s.i.	Shut down the foaming equipment										
ROTARY SPEED	R.P.M.	opened the Barber gate to the mu'										
WEIGHT ON BIT	M.lbs.	Tank and removed the bull plug										
MUD WEIGHT	lb/gal	from the blow line. Found the Barber gate										
VISCOSITY	sec/qt	to the blow line frozen. Thawed out										
W.L.F.C.	c.c./32nd	the gate w/ steam. Blow stopped										
p.H.		from ground the conductor deepened										
MUD LEVEL IN TANKS	Ft.-ins.	the holes around the conductor w/ steam.										

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT. HR.	BIT CONDITION
1A	12 1/4	26978	HTC OSC-3 ReRun	3/16					ReRun fr N. Parker

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT					
TYPE		PREFLOW	mins	IHP	p.s.i.	I.F.P.	p.s.i.	Time	A.M.	Alk
FROM		ISI	mins	FHP	p.s.i.	F.F.P.	p.s.i.	Mud Wt	P.M.	Int. Gel
TO		V.O.	mins	ISIP	p.s.i.	G.T.S.	mins.	Visc		10 Min. Gel
Recovery		F.S.I	mins	FSIP	p.s.i.	F.T.S.	mins.	A.V		W.L.F.C.
HOURS		RECOVERY						P.V		p.H.

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER	L. Tyson	John Moloney	R. BEARDS	Kind	Depth	Reading
DERRICKMAN	R. Regnier	DM Collins	K. BRIT			
HELPER	K. Taylor	R. Hicks	M. J. ...			
HELPER	R. Linklater	J. Marshall	R. ...			
HELPER	D. Walker	L. Davidson	R. Topper			
FIREMAN		I. Thomas				
TOOL PUSHER	AR Harbus					

MUD & CHEMICALS

TOUR 1
2 Sax. Ge

TOUR 2
MAGOGEL

TOUR 3
Magogel

Contractor
rig No
twin GMC
D-500 Ems
diesel 450
diesel mut
series 900
Napinee
diesel fired
plant
control of
pipe, 7" 4
285 bbls
Powered
fuel storage
flare line

to E

Attempted
the well to
back to 140
The conductor
from the p

1972

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
TOUR 1		12 ⁰⁰	8 ⁰⁰	Rig Service
2 Sax. Gall.				Put 3" water line on boiler from water tank
				Fill mud tank w/ water
				Fix leak in lines Prime D-500
				Mixing Mud Fix Mud Roll on Mud Tanks.
TOUR 2		8 ⁰⁰	5 ⁰⁰	MAKE up flow line to shaker box and blower line
MAGOGEL 40SAX				Mix gel
				Pick up bottom hole collar makeup bit bell sub saver sub etc
				Change rubber on Grant head.
TOUR 3		12 ⁰⁰	12 ⁰⁰	CLEAN OUT CELLAR & DITCH & Sump
Masogel 49SAX				CEMENT CELLAR - FINISH HOOKING UP
				BLUISH LINE - PREPARE TO SPUD
				WAIT ON SOAP 1 HR.

CEMENTING TESTING FISHING SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Contractor ~~General Petroleum~~ Drilling Co of Calgary
 rig No 24. w/ T-32 Notional drawworks powered by 610
 twin GMC Diesel motors 400 HP, 128' Lee C. Moore mast
 D-500 Emscon main pump powered by a 379 Caterpillar
 diesel 450 HP, Notional C-250 powered by twin 679 GMC 400 HP
 diesel motors 7 x 15 as a stand by. GK10 Hydraulic series 900
 series 900 10" Hydraulic double gate shifter Main boiler
 Napanee 70 HP diesel fired, No2-60 HP Napanee
 diesel fired. D-330 main light plant No2-320 light
 plant BOP closing with floor control & remote
 control of pump 250 ton Boasch Ross block 4 1/2" FH Drill
 pipe, 7" 4-1/2" H90 drill collars 8 x 40 x 5' mud tank
 285 bbls Rumbly shale shake 12 Cone Thompson classifier
 Powered by a GMC diesel. Cylinder 3000 gallon rig
 fuel storage 200 bbl water storage 2" API CAODE
 floor line manifold.

~~123~~ to Bottom of Table to matting 9.30'

Attempted to spud at 11:00 PM. Started to circulate
 the well to foam. Pressure rose to 200 psi and dropped
 back to 140 psi. Foam began coming up around
 the conductor pipe approximately 1' from the pipe on the mouse hole side

James Charter
 SIGNATURE COMPANY ENGINEER

TOUR REPORT

FIELD Birch WELL NAME YTES3 CONTRACTOR GP RIG NO 24
 DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT January 18 1972

DRILLING ASSEMBLY	END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
	STANDS	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
SINGLE	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	
X-OVER SUB	O.D.		FT.		FT.		FT.		FT.		FT.	
OTHER	O.D.		FT.		FT.		FT.		FT.		FT.	
DRILL COLLARS	O.D.		FT.		FT.		FT.		FT.		FT.	
DRILL COLLARS	O.D.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	
REAMER	O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	
STABILIZER	O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	
JARS		KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	
BUMPER SUB.		KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	
BIT OR CORE BARREL			FT.		FT.		FT.		FT.		FT.	
TOTAL D.P. & TOOLS			FT.		FT.		FT.		FT.		FT.	
KELLY DOWN (BELOW R.B.)			FT.		FT.		FT.		FT.		FT.	
DEPTH OF TOOLS			FT.		FT.		FT.		FT.		FT.	

TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR			
	DEPTH END OF TOUR	DEPTH START OF TOUR	FOOTAGE DRILLED	FEET	DEPTH END OF TOUR	DEPTH START OF TOUR	FOOTAGE DRILLED	FEET	DEPTH END OF TOUR	DEPTH START OF TOUR	FOOTAGE DRILLED	FEET
DAY WORK	HOURS				HOURS				HOURS			

PUMP	S.P.M. / P.S.I.	HOURS											
		2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:30 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
ROTARY SPEED	R.P.M.	Extended the conductor pipe with 8' of 13 3/8" casing with a 12" flange welded on top Nipped up the Grant rotating head Had to cut the weld on the 13 3/8" swage to line up the flow nipple with the shale shaker Rewelded the 13 3/8" to the swage											
WEIGHT ON BIT	M lbs.												
MUD WEIGHT	lb/gal												
VISCOSITY	sec/qt												
W.L./F.C.	c.c./32nd												
p.H.													
MUD LEVEL IN TANKS	Ft.-Ins.												

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT/HR	BIT CONDITION

CORE No.	No.	DST No.	FROM				TO				MUD ENGINEER'S REPORT		
			PREFLOW	mins	IHP	p.s.i.	IHP	p.s.i.	Time	AV PM	Alk		
			ISI	mins	FHP	p.s.i.	FHP	p.s.i.	Mud Wt	10 Min. Gr			
			V.O.	mins	ISIP	p.s.i.	G.T.S.	mins	Visc	W.L.F.C.			
			F.S.I	mins	F.S.I.P	p.s.i.	F.T.S.	mins	AV	p.H.			
			RECOVERY						P.V	Solid			
									Y.P	C.A. ppm			
										C.L. ppm			

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
	DRILLER	DERRICKSMAN	HELPER	Kind	Depth	Reading
	L. Tyson	John Maloney	R. Beaudry			
	R. Regnier		KA Bray			
	K. Tolgor	R. Hicks	M. Jablenski			
	D. Walker	J. Thomas	R. Tupper			
	R. Linlater	J. Marshall	B. Nicholl			
	AR Chambers					

MUD and CHEMICALS
 Kind
 TOUR 1
 TOUR 2
 TOUR 3
 Well CH
 COORDINATE
 UNIQUE
 UNIVERSA
 Original
 Fill Ne
 Ma
 Mott
 KB TO
 K
 K.B.
 New
 Bottom of
 Swaged 2
 a lease m

1972		MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
TOUR	Kind	Amount				
TOUR 1			12 ⁰⁰	12 ⁰⁰		Rig Service Make up keddy & fill w/oil Fill rotary table w/oil Unload fuel from truck to storage tank
TOUR 2			8 ⁰⁰	4 ⁰⁰		Welding Conductor pipe & flange Pick up Grant head Rigging up air drillers etc
TOUR 3			12 ⁰⁰	12 ⁰⁰		Rig Service Rig steam lines to shaker house Check D-500 pump Work on No.2 boiler Hook up flowline Barber gates General rig up

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

WELL CHEVRON SOBC WM BIRCH YTE 53

COORDINATES LATITUDE N 66° 02' 21"
LONGITUDE W 136° 56' 05"

UNIQUE WELL IDENTIFIER 300 C5366 101 36450

UNIVERSAL WELL LOCATION REFERENCE LAT 66.03527°N,
LONG 136.92472°W.

Original Ground Elevation	2023'
Fill New Ground Level	<u>2.40'</u>
Matting	2025.40'
Matting Elevation	0.75'
KB To Matting	<u>2026.15'</u>
KB Elevation	<u>12.35'</u>
	2038.50'

KB Elevation 2038.50'

New Ground Elevation 2025.40'

Bottom of table to top conductor pipe 11.50'

Swaged 20" conductor to 13 3/8" with James Shanklin
a lease manufactured swage

SIGNATURE COMPANY ENGINEER

TOUR REPORT

CONTRACTOR

RIG NO

FIELD *Eagle Plains* WELL NAME *N66°02'07"*

LSD *W* SEC *136°* TWP *55'* Rpt *29" W*

DRILLING DEEPENING COMPLETING

REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT

Dec 23 1971

Chem
MUD and CHEMICALS
Kind

DRILLING ASSEMBLY		END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
SINGLE	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
X-OVER SUB	O.D.		FT.		FT.		FT.		FT.		FT.		FT.
OTHER	O.D.		FT.		FT.		FT.		FT.		FT.		FT.
DRILL COLLARS	O.D.		FT.		FT.		FT.		FT.		FT.		FT.
DRILL COLLARS	O.D.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
REAMER	O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
STABILIZER	O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
JARS		KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
BUMPER SUB.		KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
BIT OR CORE BARREL			FT.		FT.		FT.		FT.		FT.		FT.
TOTAL D.P. & TOOLS			FT.		FT.		FT.		FT.		FT.		FT.
KELLY DOWN (BELOW R.B.)			FT.		FT.		FT.		FT.		FT.		FT.
DEPTH OF TOOLS			FT.		FT.		FT.		FT.		FT.		FT.

TOUR 1
TOUR 2
TOUR 3

TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR			
DEPTH END OF TOUR				FEET				FEET				FEET
DEPTH START OF TOUR				FEET				FEET				FEET
FOOTAGE DRILLED				FEET				FEET				FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP	/											
ROTARY SPEED	/											
WEIGHT ON BIT	/											
MUD WEIGHT	/											
VISCOSITY	/											
W.L./F.C.	/											
p.H.	/											
MUD LEVEL IN TANKS	/											

Robert
Unit #18
Operator
Helper

Finished
Returned

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FEET	FEET	BIT CONDITION

CORE No.	No.	DST No	FROM	TO	MUD ENGINEER'S REPORT					
TYPE		PREFLOW	mins	IHP	p.s.i.	I.F.P.	p.s.i.	Time	A.M. P.M.	AK
FROM		ISI	mins	FHP	p.s.i.	F.F.P.	p.s.i.	Mud Wt		Int. Gel 10 Min. Gel
TO		V.O.	mins	ISIP	p.s.i.	G.T.S.	mins	Visc		W.L.F.C.
Recovery		F.S.I	mins	F.S.I.P	p.s.i.	F.T.S.	mins	A.V		p.H.
HOURS		RECOVERY						P.V		Solid

Cemented
215 sack
Conductor
1-
1-
Conductor

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
				Kind	Depth	Reading
DRILLER						
DERRICKMAN						
HELPER						
HELPER						
HELPER						
FIREMAN						
TOOL PUSHER						

Cherron 503C WM BIRCH YT C-53

19 71.

OTHER HOURLY OPERATING DETAIL
WORK DONE

- TOUR
- FT.
 - FT.
 - FT.
 - FT.
 - FT.
 - FT.
 - FT.
 - FT.
 - FT.
 - FT.
 - FT.
 - FT.
 - FT.
 - FT.

MUD and CHEMICALS ADDED		From	To
Kind	Amount		
TOUR 1			
TOUR 2			
TOUR 3			

- TOUR
- FEET
 - FEET
 - FEET
- HOURS
- M 12 00 P.M

CEMENTING, TESTING, FISHING SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Roberts Parabe Drilling Limited
Unit #18
Operator W Masur
Helper J Lubchynski

Finished cementing conductor pipe 5 hrs 180 sex
 Returned to Parker Base 3 hrs
 8 hrs

Cemented 46' of conductor pipe at ground level with
 215 sex of permatrust cement.
 Conductor pipe consists of
 1 - 26' JT 19" x 24" insulated & complete with retainer
 coils
 1 - 20' JT 19" plain conductor pipe
 Conductor pipe set at 46' ground level

L. J. Assembly
SIGNATURE COMPANY ENGINEER

TOUR REPORT

CONTRACTOR _____ RIG NO _____
 FIELD _____ WELL NAME *N66°03'07"* LSD *W* SEC *136* TWP *5S* Rge *29" W*
 DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT *Dec 22 1971*

Che
 MUD and CHEMICAL _____
 Kind _____

DRILLING ASSEMBLY	END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS .. D.P.	NO.	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT
SINGLE .. D.P.	NO.	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT
X-OVER SUB .. O.D.		FT		FT		FT		FT		FT		FT
OTHER .. O.D.		FT		FT		FT		FT		FT		FT
DRILL COLLARS .. O.D.		FT		FT		FT		FT		FT		FT
DRILL COLLARS .. O.D.	NO.	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT	NO.	FT
REAMER .. O.D.	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT
STABILIZER .. O.D.	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT
JARS	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT	KIND	FT
BUMPER SUB		FT		FT		FT		FT		FT		FT
BIT OR CORE BARREL		FT		FT		FT		FT		FT		FT
TOTAL D.P. & TOOLS		FT		FT		FT		FT		FT		FT
KELLY DOWN (BELOW R.B.)		FT		FT		FT		FT		FT		FT
DEPTH OF TOOLS		FT		FT		FT		FT		FT		FT

TOUR 1
 TOUR 2
 TOUR 3

TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR			
DEPTH END OF TOUR				FEET				FEET				FEET
DEPTH START OF TOUR				FEET				FEET				FEET
FOOTAGE DRILLED				FEET				FEET				FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP <i>s.p.m. p.s.i.</i>	/	/	/	/	/	/	/	/	/	/	/	/
ROTARY SPEED <i>R.P.M.</i>												
WEIGHT ON BIT <i>M lbs.</i>												
MUD WEIGHT <i>lb/gal</i>												
VISCOSITY <i>sec/qt</i>												
W.L./F.C. <i>c.c./32nd</i>	/	/	/	/	/	/	/	/	/	/	/	/
p.H.												
MUD LEVEL IN TANKS <i>Ft.-Ins.</i>												

Roberts
UNIT 518
Operator
Helper

Welding
in cond
Initial

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN $\frac{1}{32}$	TOTAL HOURS	FROM	TO	FEET PER HOUR	BIT CONDITION

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT				
TYPE		PREFLOW:	mins.	I.H.P.	p.s.i.	I.F.P.	p.s.i.	Time	A.M. P.M.
FROM		I.S.I.	mins.	F.H.P.	p.s.i.	F.F.P.	p.s.i.	Mud Wt	10 Min. Gel
TO		V.O.	mins.	I.S.I.P.	p.s.i.	G.T.S.	mins.	Visc	W.L.F.C.
Recovery		F.S.I.	mins.	F.S.I.P.	p.s.i.	F.T.S.	mins.	A.V.	p.H.
HOURS		RECOVERY						P.V.	Sand
								Y.P.	C.A. p.p.m. C.L. p.p.m.

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
				Kind	Depth	Reading
DRILLER						
DERRICKMAN						
HELPER						
HELPER						
HELPER						
FIREMAN						
TOOL PUSHER						

Chevron 503C WM BIRCH YT C-53

1971		MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
TOUR		Kind	Amount			
		TOUR 1				
	FT.					
	FT.					
	FT.					
	FT.					
	FT.					
	FT.					
	FT.					
		TOUR 2				
	FT.					
	FT.					
	FT.					
	FT.					
	FT.					
	FT.					
	FT.					
		TOUR 3				
	FT.					
	FEET					
	FEET					
	FEET					
	HOURS					
	M 12:00 P.M.					

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Robert's Rathole Drilling Limited
 Unit #18
 Operator W Masur
 Helper J Lubchynski

Welding conductor pipe and setting
 in conductor hole
 Initial cement job 35 sac

8 hrs

DITION
 REPORT
 el
 n. Gel
 C
 v
 p.p.m.
 p.p.m.

RD
 Reading

L. H. Gumbly
 SIGNATURE COMPANY ENGINEER

TOUR REPORT

CONTRACTOR

RIG NO

FIELD

WELL NAME *N 66° 02' 07"*

LSD *W* SEC *136°* TWP *55'* R₄₀ *29'* W

DRILLING DEEPENING COMPLETING

REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT

Dec 21

1971

MUD and CHEMICALS

Kind

DRILLING ASSEMBLY	END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS .. D.P.	NO.			FT.	NO.			FT.	NO.			FT.
SINGLE .. D.P.	NO.			FT.	NO.			FT.	NO.			FT.
X-OVER SUB .. O.D.				FT.				FT.				FT.
OTHER .. O.D.				FT.				FT.				FT.
DRILL COLLARS .. O.D.				FT.				FT.				FT.
DRILL COLLARS .. O.D.	NO.			FT.	NO.			FT.	NO.			FT.
REAMER .. O.D.	KIND			FT.	KIND			FT.	KIND			FT.
STABILIZER .. O.D.	KIND			FT.	KIND			FT.	KIND			FT.
JARS	KIND			FT.	KIND			FT.	KIND			FT.
BUMPER SUB.	KIND			FT.	KIND			FT.	KIND			FT.
BIT OR CORE BARREL				FT.				FT.				FT.
TOTAL D.P. & TOOLS				FT.				FT.				FT.
KELLY DOWN (BELOW R.B.)				FT.				FT.				FT.
DEPTH OF TOOLS				FT.				FT.				FT.

TOUR 1

TOUR 2

TOUR 3

TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR			
DEPTH END OF TOUR				FEET				FEET				FEET
DEPTH START OF TOUR				FEET				FEET				FEET
FOOTAGE DRILLED				FEET				FEET				FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP <small>s.p.m. p.s.i.</small>	/	/	/	/	/	/	/	/	/	/	/	/
ROTARY SPEED <small>R.P.M.</small>	/	/	/	/	/	/	/	/	/	/	/	/
WEIGHT ON BIT <small>M lbs.</small>	/	/	/	/	/	/	/	/	/	/	/	/
MUD WEIGHT <small>lb/gal</small>	/	/	/	/	/	/	/	/	/	/	/	/
VISCOSITY <small>sec/qt</small>	/	/	/	/	/	/	/	/	/	/	/	/
W.L./F.C. <small>c.c./32nd</small>	/	/	/	/	/	/	/	/	/	/	/	/
p.H.	/	/	/	/	/	/	/	/	/	/	/	/
MUD LEVEL IN TANKS <small>Ft.-ins.</small>	/	/	/	/	/	/	/	/	/	/	/	/

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	NO. OF BIT RUNS	FT. HR.	BIT CONDITION

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT				
TYPE		PREFLOW	mins.	I.H.P.	p.s.i.	I.F.P.	p.s.i.	Time	AM PM
FROM		I.S.I.	mins.	F.H.P.	p.s.i.	F.F.P.	p.s.i.	Mud Wt	1st Gel 10 Min. Gel
TO		V.O.	mins.	I.S.I.P.	p.s.i.	G.T.S.	mins.	Visc	W.L.F.C.
Recovery		F.S.I.	mins.	F.S.I.P.	p.s.i.	F.T.S.	mins.	A.V.	p.H.
HOURS		RECOVERY						P.V.	Solid

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
				Kind	Depth	Reading
DRILLER						
DERRICKMAN						
HELPER						
HELPER						
HELPER						
FIREMAN						
TOOL PUSHER						

Roberts
Unit #1
Operator
Helper
Dug
Dug 3

Total 7

Chevron SOBC Wm BIRCH YT C-53

OTHER HOURLY OPERATING DETAIL
WORK DONE

1971	MUD and CHEMICALS ADDED		From	To	
	Kind	Amount			
TOUR	TCUR 1				
	FT.				
	FT.				
	FT.				
	FT.				
	FT.				
	FT.				
	FT.				
	FT.				
	FT.				
	FT.				
	FT.				
	FT.				
TOUR	TOUR 2				
	FEET				
	FEET				
	FEET				
	FEET				
	FEET				
	FEET				
	FEET				
	FEET				
	FEET				
	FEET				
	FEET				
	FEET				
	FEET				
TOUR	TOUR 3				
	FEET				
	FEET				
	FEET				
	FEET				
	FEET				
	FEET				
	FEET				
	FEET				
	FEET				
	FEET				
	FEET				
	FEET				
	FEET				
HOURS					
M. 12.00 P.M.					

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Roberts Ratchole Drilling Limited
Unit #18

Operator W Masur

Helper J Lutskyński

Dug	16" rat hole	25' - 27'	2 hrs
Dug	30" conductor hole	35' - 45'	9 hrs
			11 hrs

REPORT

Total Teeth used on job 45

" Reamers " " 10


 SIGNATURE COMPANY ENGINEER

TOUR REPORT

CONTRACTOR

RIG NO

FIELD

WELL NAME *N 106° 02' 07" LSD W SEC 136° TWP 55'* Rpt *29" W*

Chem

DRILLING DEEPENING COMPLETING

REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT

Dec 20

1971

MUD and CHEMICALS Kind

DRILLING ASSEMBLY		END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.		
SINGLE	D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.		
X-OVER SUB	J.J.		FT.		FT.		FT.		FT.		FT.		
OTHER	O.D.		FT.		FT.		FT.		FT.		FT.		
DRILL COLLARS	O.D.		FT.		FT.		FT.		FT.		FT.		
DRILL COLLARS	O.D.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.		
REAMER	O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.		
STABILIZER	O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.		
JARS		KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.		
BUMPER SUB		KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.		
BIT OR CORE BARREL			FT.		FT.		FT.		FT.		FT.		
TOTAL D.P. & TOOLS			FT.		FT.		FT.		FT.		FT.		
KELLY DOWN (BELOW R.B.)			FT.		FT.		FT.		FT.		FT.		
DEPTH OF TOOLS			FT.		FT.		FT.		FT.		FT.		

TOUR 1
TOUR 2
TOUR 3

TOUR	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR
DEPTH END OF TOUR	FEET	FEET	FEET
DEPTH START OF TOUR	FEET	FEET	FEET
FOOTAGE DRILLED	FEET	FEET	FEET

DAY WORK		HOURS				HOURS				HOURS			
		2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP	s.p.m. / p.s.i.	/	/	/	/	/	/	/	/	/	/	/	/
ROTARY SPEED	R.P.M.												
WEIGHT ON BIT	M lbs.												
MUD WEIGHT	lb/gal												
VISCOSITY	sec/qt												
W.L./F.C.	c.c./32nd	/	/	/	/	/	/	/	/	/	/	/	/
p.H.													
MUD LEVEL IN TANKS	Ft.-Ins												

Roberts
Unit #18
Operator
Helper
Day rate
Day ends

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	BIT CONDITION
-----	------	--------	-------------------	-------------------	-------------	------	----	---------------

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT		
TYPE		PREFLOW	mins	I.H.P.	p.s.i.	V.P.	AM / PM
FROM		ISI	mins	F.H.P.	p.s.i.	F.F.P.	Int. Gel / 10 Min. Gel
TO		V.O.	mins	IS.I.P.	p.s.i.	G.T.S.	Vis / W.L.F.C.
Recovery		F.S.I.	mins	F.S.I.P.	p.s.i.	F.T.S.	A.V. / pH
HOURS		RECOVERY					P.V. / Sand

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER				Kind	Depth	Reading
DERRICKMAN						
HELPER						
HELPER						
HELPER						
FIREMAN						
TOOL PUSHER						

TOUR REPORT

CONTRACTOR

RIG NO

FIELD

WELL NAME *N66°02'07"* LSD *W* SEC *136°* TWP *55'* Rgn *29'* W

Chevron

DRILLING DEEPENING COMPLETING

REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT

Dec 19

19 *71*

MUD and CHEMICALS

Kind

DRILLING ASSEMBLY	END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS .. D.P.	NO.			FT.	NO.			FT.	NO.			FT.
SINGLE .. D.P.	NO.			FT.	NO.			FT.	NO.			FT.
X-OVER SUB .. O.D.				FT.				FT.				FT.
OTHER .. O.D.				FT.				FT.				FT.
DRILL COLLARS .. O.D.				FT.				FT.				FT.
DRILL COLLARS .. O.D.	NO.			FT.	NO.			FT.	NO.			FT.
REAMER .. O.D.	KIND			FT.	KIND			FT.	KIND			FT.
STABILIZER .. O.D.	KIND			FT.	KIND			FT.	KIND			FT.
JARS	KIND			FT.	KIND			FT.	KIND			FT.
BUMPER SUB.	KIND			FT.	KIND			FT.	KIND			FT.
BIT OR CORE BARREL				FT.				FT.				FT.
TOTAL D.P. & TOOLS				FT.				FT.				FT.
KELLY DOWN (BELOW R.B.)				FT.				FT.				FT.
DEPTH OF TOOLS				FT.				FT.				FT.

TOUR 1

TOUR 2

TOUR 3

TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR			
DEPTH END OF TOUR				FEET				FEET				FEET
DEPTH START OF TOUR				FEET				FEET				FEET
FOOTAGE DRILLED				FEET				FEET				FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP s.p.m. p.s.i.	/	/	/	/	/	/	/	/	/	/	/	/
ROTARY SPEED R.P.M.												
WEIGHT ON BIT M lbs.												
MUD WEIGHT lb/gal												
VISCOSITY sec/qt												
W.L./F.C. c.c./32nd	/	/	/	/	/	/	/	/	/	/	/	/
p.H.												
MUD LEVEL IN TANKS Ft.-Ins												

Roberts
Unit #1
Operator
Helper

Day 10
Day 30

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	FT HR	BIT CONDITION

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT					
TYPE		PREFLOW	mins	I.H.P.	psi	I.F.P.	psi	Time	AM PM	Aik
FROM		I.S.I.	mins	F.H.P.	psi	F.F.P.	psi	Mud Wt		Int. Gel 10 Min. Gel
TO		V.O.	mins	I.S.I.P.	psi	G.T.S.	mins	Visc		W.L.F.C.
Recovery		F.S.I.	mins	F.S.I.P.	psi	F.T.S.	mins	A.V.		p.H.
HOURS		RECOVERY						P.V.		Solid

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
DRILLER				Kind	Depth	Reading
DERRICKMAN						
HELPER						
HELPER						
HELPER						
FIREMAN						
TOOL PUSHER						

Chevron SOBc w/m Birch YT C-53

19 71

MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
Kind	Amount			
TOUR 1				
FT.				
FT.				
FT.				
FT.				
FT.				
FT.				
FT.				
FT.				
FT.				
FT.				
FT.				
FT.				
FT.				
FT.				
TOUR 2				
FT.				
FT.				
FT.				
FT.				
FT.				
FT.				
FT.				
FT.				
FT.				
TOUR 3				
FT.				
FEET				
FEET				
FEET				

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Roberts Park Drilling Limited
Unit #18
Operator W Masar
Helper J Lybchynski

Day 16" mousehole 0 - 20' 5 hrs
Day 30" conductor hole 12' - 21' 9 hrs
14 hrs


SIGNATURE COMPANY ENGINEER

TOUR REPORT

CONTRACTOR

RIG NO

FIELD DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT

WELL NAME *N 66° 02' 07" LSD W SEC 136° TWP 55' Rge 29" W*

Dec 18 1971

MUD and CHEMICALS Kind

DRILLING ASSEMBLY	END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS .. D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
SINGLE .. D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
X-OVER SUB .. O.D.		FT.		FT.		FT.		FT.		FT.		FT.
OTHER .. O.D.		FT.		FT.		FT.		FT.		FT.		FT.
DRILL COLLARS .. O.D.		FT.		FT.		FT.		FT.		FT.		FT.
DRILL COLLARS .. O.D.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
REAMER .. O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
STABILIZER .. O.D.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
JARS	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
BUMPER SUB	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.	KIND	FT.
BIT OR CORE BARREL		FT.		FT.		FT.		FT.		FT.		FT.
TOTAL D.P. & TOOLS		FT.		FT.		FT.		FT.		FT.		FT.
KELLY DOWN (BELOW R.B.)		FT.		FT.		FT.		FT.		FT.		FT.
DEPTH OF TOOLS		FT.		FT.		FT.		FT.		FT.		FT.

TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR			
DEPTH END OF TOUR				FEET				FEET				FEET
DEPTH START OF TOUR				FEET				FEET				FEET
FOOTAGE DRILLED				FEET				FEET				FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP s.p.m. p.s.i.	/	/	/	/	/	/	/	/	/	/	/	/
ROTARY SPEED R.P.M.												
WEIGHT ON BIT M lbs.												
MUD WEIGHT lb/gal												
VISCOSITY sec/qt												
W.L./F.C. c.c./32nd	/	/	/	/	/	/	/	/	/	/	/	/
p.H.												
MUD LEVEL IN TANKS Ft.-Ins.												

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32"	PISTON HOURS	FROM	TO	FEET HR	BIT CONDITION

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT			
TYPE		PREFLOW	mins. I.H.P.	p.s.i. I.F.P.	Time	A.M. P.M.	Aik	
FROM		I.S.I.	mins. F.H.P.	p.s.i. F.F.P.	Mud Wt		Int. Gel. 10 Min. Gel	
TO		V.O.	mins. I.S.I.P.	p.s.i. G.T.S.	mins. Visc		W.L.F.C.	
Recovery		F.S.I.	mins. F.S.I.P.	p.s.i. F.T.S.	mins. A.V		p.H.	
HOURS		RECOVERY			P.V		Sand	

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
				Kind	Depth	Reading
DRILLER						
DERRICKMAN						
HELPER						
HELPER						
HELPER						
FIREMAN						
TOOL PUSHER						

Roberts Unit # Operator Helper Day 30

Chevron 5013C W/M BIRCH YT C-53

1971 TOUR	MUD and CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
	Kind	Amount			
TOUR 1					
FT.					
FT.					
FT.					
FT.					
FT.					
FT.					
FT.					
TOUR 2					
FT.					
FT.					
FT.					
FT.					
FT.					
FT.					
FT.					
TOUR 3					
FT.					
UR					
FEET					
FEET					
FEET					
HOURS					
12:00 P.M.					

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Roberts Rat Hole Drilling Limited
 Unit #18
 Operator W Masur
 Helper J Kubchynski

Day 30' conductor hole 0-12' 14 hrs.

TION

REPORT

l. Gel

C

p.m.

p.m.

D

Reading

L. J. Lemsky
 SIGNATURE COMPANY ENGINEER

TOUR REPORT

CONTRACTOR

RIG NO

FIELD

WELL NAME *N 66° 02' 05" LSD W SEC 136° TWP 55'*

Page *29* W

- DRILLING DEEPENING COMPLETING
 REDRILLING ABANDONING REWORKING FOR 24 HOURS ENDING 12 MIDNIGHT

Dec 17 1971

Chevron

MUD CHEMICALS

DRILLING ASSEMBLY	END OF MORNING TOUR				END OF DAYLIGHT TOUR				END OF AFTERNOON TOUR			
STANDS .. D.P.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.	NO.	FT.
SINGLE .. D.P.	NO.	FT.	NO.	FT.								
X-OVER SUB .. O.D.		FT.		FT.		FT.		FT.		FT.		FT.
OTHER .. O.D.		FT.		FT.		FT.		FT.		FT.		FT.
DRILL COLLARS .. O.D.		FT.		FT.		FT.		FT.		FT.		FT.
DRILL COLLARS .. O.D.	NO.	FT.	NO.	FT.								
REAMER .. O.D.	KIND	FT.	KIND	FT.								
STABILIZER .. O.D.	KIND	FT.	KIND	FT.								
JARS	KIND	FT.	KIND	FT.								
BUMPER SUB	KIND	FT.	KIND	FT.								
BIT OR CORE BARREL		FT.		FT.		FT.		FT.		FT.		FT.
TOTAL D.P. & TOOLS		FT.		FT.		FT.		FT.		FT.		FT.
KELLY DOWN (BELOW R.B.)		FT.		FT.		FT.		FT.		FT.		FT.
DEPTH OF TOOLS		FT.		FT.		FT.		FT.		FT.		FT.

TOUR
TOUR 1
TOUR 2
TOUR 3

TOUR	MORNING TOUR				DAYLIGHT TOUR				AFTERNOON TOUR			
DEPTH END OF TOUR				FEET				FEET				FEET
DEPTH START OF TOUR				FEET				FEET				FEET
FOOTAGE DRILLED				FEET				FEET				FEET

DAY WORK	HOURS				HOURS				HOURS			
	2:00 A.M.	4:00 A.M.	6:00 A.M.	8:00 A.M.	10:00 A.M.	12:00 A.M.	2:00 P.M.	4:00 P.M.	6:00 P.M.	8:00 P.M.	10:00 P.M.	12:00 P.M.
PUMP <small>s.p.m. p.s.i.</small>	/	/	/	/	/	/	/	/	/	/	/	/
ROTARY SPEED <small>R.P.M.</small>												
WEIGHT ON BIT <small>M lbs.</small>												
MUD WEIGHT <small>lb/gal</small>												
VISCOSITY <small>sec/qt</small>												
W.L./F.C. <small>c.c./32nd</small>	/	/	/	/	/	/	/	/	/	/	/	/
p.H.												
MUD LEVEL IN TANKS <small>Ft. Ins.</small>												

NO.	SIZE	SERIAL	BIT KIND AND TYPE	JET SIZES IN 1/32	TOTAL HOURS	FROM	TO	TOTAL FOOTAGE	FT. HR.	BIT CONDITION

CORE No.	No.	DST No.	FROM	TO	MUD ENGINEER'S REPORT			
TYPE			PREFLOW mins.	I.H.P. p.s.i.	I.F.P. p.s.i.	Time	A.M. P.M.	Alk
FROM			I.S.I. mins.	F.H.P. p.s.i.	F.F.P. p.s.i.	Mud Wt.		Int Gel 10 Min. Gel
TO			V.O. mins.	I.S.I.P. p.s.i.	G.T.S. mins.	Visc.		W.L.F.C.
Recovery			F.S.I. mins.	F.S.I.P. p.s.i.	F.T.S. mins.	A.V.		p.H.
HOURS			RECOVERY			P.V.		Solid

SIGNATURES	MORNING TOUR	DAYLIGHT TOUR	AFTERNOON TOUR	DEVIATION RECORD		
				Kind	Depth	Reading
DRILLER						
DERRICKMAN						
HELPER						
HELPER						
HELPER						
FIREMAN						
TOOL PUSHER						

Moved from Operator Helper

Chevron SOB2 WM Birch VT C-53

19 71 TOUR	MUD Kind	CHEMICALS ADDED		From	To	OTHER HOURLY OPERATING DETAIL WORK DONE
		Amount				
FT.						
TOUR 1						
FT.						
FT.						
FT.						
FT.						
FT.						
FT.						
TOUR 2						
FT.						
FT.						
FT.						
FT.						
FT.						
FT.						
TOUR 3						
FT.						
TOUR						
FEET						
FEET						
FEET						
HOURS						
P.M. 12.00 P.M.						

CEMENTING, TESTING, FISHING, SPECIAL JOB DETAILS, INCLUDING ENGINEERING SUMMARIES

Moved Roberts Barokle Drilling Ltd Unit #18
from PARKIN Air Strip to Location - 5 hrs

Operator W Masar
Helper J Lubchynski

CONDITION

REPORT

Gel.
in. Gel

F.C

p.p.m.
p.p.m.

RD

Reading

L. F. Gumbly
SIGNATURE COMPANY ENGINEER

LOCATION **Y-6-33** LSD SEC TWP RGE W DATE **Feb 22 1962**
 MAILING POINT **PARLIN** SHIPPING POINT **PARLIN** MILES MOVED **170** ROAD CONDITIONS **GOOD**

Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
PUMP										
MOTOR HOURS										
1 392 300										
2 392 300										
3 766 1000										
4 366 300										
5										

SURVEYS
 At Feet Degrees
 Weather
 Temp
 Total Miles **320** Feet **1150** At Miles **NEW 5-2-72** Date **5-2-72** Next Stop **500** Fr. on Spool **2400**

DRILL COLLARS
 No. 2
 O.D. I.D. Length
 Air Wt. Sub. Wt. C.B. Fr.

REMARKS
 CEMENT PASTE TOP OF CG 100
 ON DOWN DRIFTS -
 SLACK ON 2443. RACK.
 NO. 5
 ETC.
 800 8

DRILLER'S SIGNATURE *John M. Stoney*
 FIRES

Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
PUMP										
MOTOR HOURS										
1 400 300										
2 400 300										
3 776 1000										
4 370 300										
5										

SURVEYS
 At Feet Degrees
 Weather
 Temp
 Total Miles **50** Feet **1150** At Miles **NEW 5-2-72** Date **5-2-72** Next Stop **500** Fr. on Spool **2400**

DRILL COLLARS
 No. 2
 O.D. I.D. Length
 Air Wt. Sub. Wt. C.B. Fr.

DRILLER'S SIGNATURE *John M. Stoney*
 FIRES
 INSIDE CLEAN UP
 56 P 52
 TO BE CLEANED
 IN KILN FOR 2 PRICK.
 DRILLER
 201

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										

SURVEYS
 At Feet Degrees
 Weather
 Temp
 Total Miles **50** Feet **1150** At Miles **NEW 5-2-72** Date **5-2-72** Next Stop **500** Fr. on Spool **2400**

DRILL COLLARS
 No. 2
 O.D. I.D. Length
 Air Wt. Sub. Wt. C.B. Fr.

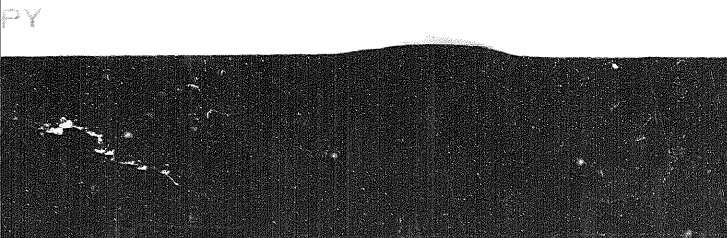
DRILLER'S SIGNATURE *John M. Stoney*
 FIRES
 TEAR OUT CLEAN UP
 ON NOTHING DOWN
 DRILLER

On Hand 12 01 a.m.	50	GASING REPORT	REV.	CSG
Ret. d Today 10 a.m.	50		REV.	CSG
TOTAL	50	10	AS USE	50
On Hand 59 a.m. 12 01 a.m.	50	REV.	CSG	CLW

DRILLER'S SIGNATURE *John M. Stoney*
 EQUIPMENT CHANGES
 TRANSFER

FUEL USED	90%	CEMENT RETURNS	55	NO.
-----------	-----	----------------	----	-----

GENERAL
 APPROVED BY
 OPERATOR'S REPRESENTATIVE
 APPROVED BY
 TOOLPUSHER



GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO **24**

LOCATION

YT-E-53

LSD

SEC

TWP

5201 W 25 EAST PARKIN

MAILING POINT

PARKIN

SHIPPING POINT

PARKIN

MILES MOVED

TOUR	From		Footage		To	Wt. Dr. Pipe	Stands	Singles	DRILL 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	
TOUR MIDNIGHT TO 8 AM	MUD		2 am	2 am	4 am	PUMP		2 am	2 am	4 am	PUMP		MOTOR HOURS							
	WEIGHT												1	368	300					
	VISCOSITY												2	368	300					
	GEL												3	742	1000					
	W.I.		F		pH		DESILTER		Hours Op		U Flow		O Flow		SURVEYS					
ADDITIVES:		GENERAL: FUEL - R. TANK #3 1800 GAL S. TANK - 1'										5								
Drilling Line Record		Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	FUEL		AT M		Date							
1		1 1/2	WAL	23704	5		300	320	1150		NEW		3-2-72		300	200	FIRES			
TOUR 8 AM TO 4 PM	MUD		8 am	10 am	12 noon	PUMP		8 am	10 am	12 noon	PUMP		MOTOR HOURS							
	WEIGHT												1	376	300					
	VISCOSITY												2	376	300					
	GEL												3	750	1000					
	W.I.		F.C.		pH		DESILTER		Hours Op		U Flow		O Flow		SURVEYS					
ADDITIVES:		GENERAL:										5								
Drilling Line Record		Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	FUEL		AT M		Date							
1		1 1/2															FIRES			
TOUR 4 PM TO MIDNIGHT	MUD		4 pm	6 pm	8 pm	PUMP		4 pm	6 pm	8 pm	PUMP		MOTOR HOURS							
	WEIGHT												1	384	300					
	VISCOSITY												2	394	300					
	GEL												3	758	1000					
	W.I.		F.C.		pH		DESILTER		Hours Op		U Flow		O Flow		SURVEYS					
ADDITIVES:		GENERAL:										5								
Drilling Line Record		Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	FUEL		AT M		Date							
1		1 1/2															FIRES			

MEASUREMENT
EXISTING
PIPE

FIRES
LAY DOWN
LEAN OUT
KID

LAY DOWN
LEAN OUT
KID

FIRES

B.O.P.	Texted	Elapsed Time	Pipe	Packing & Seal	Crown & Mat	Fuel on Hand	2000	CASING REPORT	RAN	EQUIP
Hydri				Inspected Date	Chk	Fuel Re. 1000	1000			
Pipe Ram					Re Save			TOTAL		AB USED
Bit Ram					Chk					
TO/CO RING ON BIT		Boiler Operatd		2 hrs 24		FUEL USED		CEMENT RETURNS		YES NO
GENERAL: —										



CONSERVATION BOARD COPY

LOCATION **YT-E-53** LSD SEC TWP RGE W DATE **Feb 21 1962**
 MAILING POINT **PARKIN** SHIPPING POINT **PARKIN** MILES MOVED **2170** ROAD CONDITIONS **GOOD**

DRILL COLLARS										
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
				PUMP		MOTOR HOURS				
				No. 2		1		368 300		
				No. 3		2		368 300		
				No. 4		3		742 1000		
				No. 5		4		342 300		
				No. 6		5				
U. Flow				O. Flow		SURVEYS				
-R. 1000				1800		At Feet		Degree		
1K-1'						Weather		CLEAR		
						Temp		125		
Total Miles		Feet		At Miles		Date		Next Slip		
320		1150		NEW		3-2-72		300 2400		

REMARKS
 1st on cement
 115496 in hole 1st run
 1st out 1st down
 PINE.
 TIME START 12:00
 STOP 1:00
 TIME 1:00
 600 ft

FIRES
 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. 2		1		376 300		
				No. 3		2		376 300		
				No. 4		3		730 1000		
				No. 5		4		350 300		
U. Flow				O. Flow		SURVEYS				
						At Feet		Degree		
						Weather		AR		
						Temp		25		
Total Miles		Feet		At Miles		Date		Next Slip		

REMARKS
 1st on cement
 115496 in hole 1st run
 1st out 1st down
 PINE.
 TIME START 12:00
 STOP 1:00
 TIME 1:00
 600 ft

FIRES
 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. 2		1		384 300		
				No. 3		2		384 300		
				No. 4		3		738 1000		
				No. 5		4		358 300		
U. Flow				O. Flow		SURVEYS				
						At Feet		Degree		
						Weather		W		
						Temp		80		
Total Miles		Feet		At Miles		Date		Next Slip		

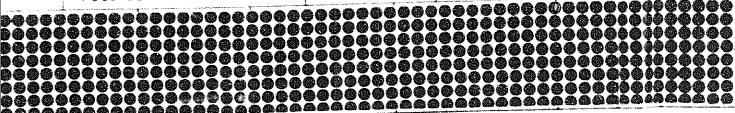
REMARKS
 1st on cement
 115496 in hole 1st run
 1st out 1st down
 PINE.
 TIME START 12:00
 STOP 1:00
 TIME 1:00
 600 ft

FIRES
 DRILLER'S SIGNATURE *[Signature]*

FUEL USED		CEMENT RETURNS		GENERAL	
Fuel on Hand 12/31/61	40	RAN	TS		
Fuel Rec. Today	40	TO	AB USED	SAT	CEM
TOTAL	80	PL	DOWN	A	P
Fuel on Hand 5/9/62	40	CEMENT RETURNS	YES INC		
FUEL USED	40				

EQUIPMENT CHANGES
 TRANSFER
 DAYS FROM SPUD
 TOTAL COMPANY TIME
 TOTAL CONTRACTOR'S TIME

Approved by Operator's Representative *[Signature]*
 Approved by Toolpusher *[Signature]*



GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO *24*

LOCATION *YTE 53*

LSD

SEC

IWP

RGE

25 East Parkton

MAILING POINT *Parkton*

SHIPPING POINT *Parkton*

MILLS MOVED

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	T.	B.	G.
TOUR MIDNIGHT TO 8 AM	MUD				PUMP				PUMP				MOTOR HOURS				
	WEIGHT				No. 1				No. 2				1 344 300				
	VISCOSITY				No. 1				No. 2				2 344 300				
	GEL				No. 1				No. 2				3 718 1000				
	W.L.				DESILTER				U. Flow				O. Flow				
ADDITIVES: GENERAL																	
<i>Feb 20th FUEL 2058 GALS RESERVE 13"</i>																	
Drilling Line Record																	
From Footage To Hrs. on Bottom Wt. Dr. Pipe Stands Singles																	
1 0-3707 3 370 1150 4 1																	
DRILL COLLARS: 3 4 1																	
TOUR 8 AM TO 4 PM	DRILL COLLARS																
	1 1487 3-12 36391 10 140 3/4 1 500 50 RUDING																
	MUD				PUMP				PUMP				MOTOR HOURS				
	WEIGHT				No. 1				No. 2				1 352 300				
	VISCOSITY				No. 1				No. 2				2 352 300				
GEL				No. 1				No. 2				3 726 1000					
W.L.				DESILTER				U. Flow				O. Flow					
ADDITIVES: GENERAL																	
Drilling Line Record																	
1 0-3707 4 370 1150 5 1																	
DRILL COLLARS: 5 1 1																	
TOUR 4 PM TO MIDNIGHT	DRILL COLLARS																
	1 118 3-12 36391 10 140 185 430 800 60 2 1 1																
	MUD				PUMP				PUMP				MOTOR HOURS				
	WEIGHT				No. 1				No. 2				1 360 300				
	VISCOSITY				No. 1				No. 2				2 360 300				
GEL				No. 1				No. 2				3 734 1000					
W.L.				DESILTER				U. Flow				O. Flow					
ADDITIVES: GENERAL																	
<i>Fuel Feb-21st 8pm Big Tank - 1648 GALS RESERVE 13 IN.</i>																	
Drilling Line Record																	
1 118 0-3704 4 370 1150 27 355 1000																	
DRILL COLLARS: 1 1 1																	

1111 Parkton

FIRES

FIRES

EQUIPMENT

GENERAL

LOCATION **YTE 53** LSD SEC TWP RGE W DATE **Feb 20 1962**
 MAILING POINT **Parker** SHIPPING POINT **Parker** MILES MOVED **170** ROAD CONDITIONS **2000**

DRILL COLLARS										
Singles	No.	OD	ID	Length	Air Wt	Sub Wt	C.P.	Temp	Wt	Notes
1	3	6 1/2	5 1/2	13'	30	30				

PUMP		MOTOR HOURS	
No.	Model	1	2
1	344	300	300
2	344	300	300
3	718	1000	300
4	318	300	300

U Flow O Flow SURVEYS At Feet Degree

Weather Clear Water Temp 20 300

Total Miles 320 1150 NEW 5-2-72 500 2000

REMARKS
 Run Plug # 4
 Best Cut
 Clean Mud Tank etc.

TIME
 START 12:30
 STOP 1:30
 MIN 30

John Maloney
 DRILLER'S SIGNATURE

DRILL COLLARS										
Singles	No.	OD	ID	Length	Air Wt	Sub Wt	C.P.	Temp	Wt	Notes
1	3	6 1/2	5 1/2	13'	30	30				

PUMP		MOTOR HOURS	
No.	Model	1	2
1	352	300	300
2	322	300	300
3	726	1000	300
4	326	300	300

U Flow O Flow SURVEYS At Feet Degree

Weather CT AR Water Temp 120 300

Total Miles 320 1150 NEW 5-2-72 500 2000

REMARKS
 Run Plug # 4
 Best Cut
 Clean Mud Tank etc.

TIME
 START 12:30
 STOP 1:30
 MIN 30

John Maloney
 DRILLER'S SIGNATURE

DRILL COLLARS										
Singles	No.	OD	ID	Length	Air Wt	Sub Wt	C.P.	Temp	Wt	Notes
1	3	6 1/2	5 1/2	13'	30	30				

PUMP		MOTOR HOURS	
No.	Model	1	2
1	360	300	300
2	360	300	300
3	734	1000	300
4	334	300	300

U Flow O Flow SURVEYS At Feet Degree

Weather Down Water Temp 130 300

Total Miles 320 1150 NEW 5-2-72 500 2000

REMARKS
 Run Plug # 4
 Best Cut
 Clean Mud Tank etc.

TIME
 START 12:30
 STOP 1:30
 MIN 30

John Maloney
 DRILLER'S SIGNATURE

FUEL REPORT		CASING REPORT		EQUIPMENT CHANGES		TRANSFER	
Fuel on Hand 12:01 a.m.	gal	RAN	MS	CSG			
Fuel Ret'd Today	gal						
TOTAL	gal	TO	AB USE	SAY	EM		
Fuel on Hand 5:00 p.m. product	gal	PLUS					
FUEL USED	gal	CEMENT RETURNS	YES NO	GENERAL			

REMARKS
 Run Plug # 4
 Best Cut
 Clean Mud Tank etc.

TIME
 START 12:30
 STOP 1:30
 MIN 30

John Maloney
 DRILLER'S SIGNATURE

Approved by Operator's Representative
[Signature]

Approved by Toolpusher
[Signature]

COPY

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO **24**
East 25 East Parkin

LOCATION **LE-53**
MAILING POINT **Parkin**

SHIPPING POINT **Parkin**

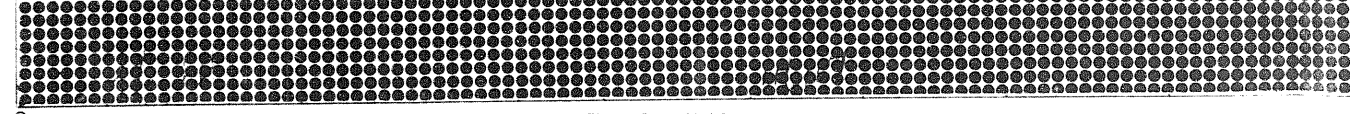
LSD SEC IWP RGE
MILLS MOVED

TOUR MIDNIGHT TO 8 AM	From Footage To		Hrs on Bottom	Wt Drill Pipe (lbs)	Stands	Singles	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										PUMP										MOTOR HOURS		
	WEIGHT										PUMP										1	300	300
	VISCOSITY										PUMP										2	320	300
	GEL										PUMP										3	694	1000
	W.L.										DESILTER										4	294	300
	ADDITIVES:										GENERAL:										5		
	Drilling Line Record										No. 1										Fires		

TOUR 8 AM TO 4 PM	From Footage To		Hrs on Bottom	Wt Drill Pipe (lbs)	Stands	Singles	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										PUMP										MOTOR HOURS		
	WEIGHT										PUMP										1	328	300
	VISCOSITY										PUMP										2	328	300
	GEL										PUMP										3	702	1000
	W.L.										DESILTER										4	302	300
	ADDITIVES:										GENERAL:										5 DOWN		
	Drilling Line Record										No. 2										Fires		

TOUR 4 PM TO MIDNIGHT	From Footage To		Hrs on Bottom	Wt Drill Pipe (lbs)	Stands	Singles	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										PUMP										MOTOR HOURS		
	WEIGHT										PUMP										1	336	300
	VISCOSITY										PUMP										2	336	300
	GEL										PUMP										3	710	1000
	W.L.										DESILTER										4	310	300
	ADDITIVES:										GENERAL:										5		
	Drilling Line Record										No. 3										Fires		

BOP	Tested	Elapsed Time	Pins	Parking & Seal	Crowbar	Fuel on Hand	CASING REPORT		EQUIPMENT
OK	OK	10.5	24	OK	OK	9.50	TOTAL	OK	
FUEL USED							CEMENT RETURNS		GENERAL



LOCATION 46-53 LSD SEC TWP RGE W DATE FEB 19 1961
 MAILING POINT Parkin SHIPPING POINT Parkin MILES MOVED 2170 ROAD CONDITIONS 0000

Singles		DRILL COLLARS		No		O.D.		I.D.		Length		Air Wt		Sub Wt		C.B.F.	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.							

REMARKS
 Claw Kelly hose + Kelly
 Run Pipe 4
 1st 1000 ft
 2nd 1000 ft
 3rd 1000 ft

MOTOR HOURS	
No. 2	Next Chapter
1 500	300
2 320	300
3 694	1000
4 294	300

Singles		DRILL COLLARS		No		O.D.		I.D.		Length		Air Wt		Sub Wt		C.B.F.	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.							

REMARKS
 2nd 1000 ft
 3rd 1000 ft
 4th 1000 ft
 5th 1000 ft
 6th 1000 ft
 7th 1000 ft
 8th 1000 ft
 9th 1000 ft
 10th 1000 ft

MOTOR HOURS	
No. 2	Next Chapter
1 328	300
2 328	300
3 702	1000
4 302	300
5 Down	

Singles		DRILL COLLARS		No		O.D.		I.D.		Length		Air Wt		Sub Wt		C.B.F.	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.							

REMARKS
 11th 1000 ft
 12th 1000 ft
 13th 1000 ft
 14th 1000 ft
 15th 1000 ft
 16th 1000 ft
 17th 1000 ft
 18th 1000 ft
 19th 1000 ft
 20th 1000 ft

MOTOR HOURS	
No. 2	Next Chapter
1 336	300
2 336	300
3 710	1000
4 310	300
5	

Singles		DRILL COLLARS		No		O.D.		I.D.		Length		Air Wt		Sub Wt		C.B.F.	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.							

REMARKS
 21st 1000 ft
 22nd 1000 ft
 23rd 1000 ft
 24th 1000 ft
 25th 1000 ft
 26th 1000 ft
 27th 1000 ft
 28th 1000 ft
 29th 1000 ft
 30th 1000 ft

MOTOR HOURS	
No. 2	Next Chapter
1 328	300
2 328	300
3 702	1000
4 302	300
5 Down	

Singles		DRILL COLLARS		No		O.D.		I.D.		Length		Air Wt		Sub Wt		C.B.F.	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.							

REMARKS
 31st 1000 ft
 32nd 1000 ft
 33rd 1000 ft
 34th 1000 ft
 35th 1000 ft
 36th 1000 ft
 37th 1000 ft
 38th 1000 ft
 39th 1000 ft
 40th 1000 ft

MOTOR HOURS	
No. 2	Next Chapter
1 336	300
2 336	300
3 710	1000
4 310	300
5	

Singles		DRILL COLLARS		No		O.D.		I.D.		Length		Air Wt		Sub Wt		C.B.F.	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.							

REMARKS
 41st 1000 ft
 42nd 1000 ft
 43rd 1000 ft
 44th 1000 ft
 45th 1000 ft
 46th 1000 ft
 47th 1000 ft
 48th 1000 ft
 49th 1000 ft
 50th 1000 ft

MOTOR HOURS	
No. 2	Next Chapter
1 336	300
2 336	300
3 710	1000
4 310	300
5	

FUEL USED		CASING REPORT		EQUIPMENT CHANGES		TRANSFER	
Fuel on Hand	Fuel Used	TO	FROM	DATE	DESCRIPTION	DATE	DESCRIPTION
19.50							

APPROVED BY OPERATOR'S REPRESENTATIVE: [Signature]
 APPROVED BY TOOLPUSHER: [Signature]

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO **24** LOCATION **YTE 53**
MAILING POINT **PARKIN**

SHIPPING POINT **PARKIN**

LSO SEC TWP RGE
MILES MOVED

TOUR M IDN IGH T O 8 A M T O U R

From **1245** Footage To **18** Hrs on Bottom **2** Wt. Drill Pipe **18** Stands **2** DRILL COLLARS No **15** O.D. **6 1/8** I.D. **4 1/2** Length **400** Air Wt. **300**

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.
17	8 3/4	S-88	3-14	343066													

M U D 12 m 2 a m 4 a m 6 a m P U M P 2 m 2 a m 4 a m 6 a m P U M P 2 m 2 a m 4 a m 6 a m M O T O R H O U R S

WEIGHT	7.0	No. 1	6.0	No. 2	6.0	1	276	300	
VISCOSITY	63	MODEL	58	MODEL		2	276	300	
GEL						3	670	1000	
W.L.	C 10	pH	7.0	DESILTER: Hours Op	8	U. Flow	4	270	300
ADDITIVES:	GEL 1000		GENERAL:		SURVEYS		5 Down		
FUEL	835 gal		CHANGED GEAR PARKING		Weather		Clear		
RES.	4 1/2 INCHES D500 FLYWHEEL SIDE				Temp		40		

Drilling Line Record **1** Size **1 1/2** Make **WAT** Serial No. **03707** No. Lines **8** Trips **3** Ton Miles **303** Total Miles **1150** Feet at Cut **150** At Miles **5-27** Date **5-27** Next Slip or Sp. on Spec. **240** FIRES

TOUR M IDN IGH T O 8 A M T O U R

From **307** Footage To **28** Hrs on Bottom **18** Wt. Drill Pipe **28** Stands **2** DRILL COLLARS No **15** O.D. **6 1/8** I.D. **4 1/2** Length **400** Air Wt. **300**

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.
17	8 3/4	S-88	3-14	343066													

M U D 8 a m 10 a m 12 noon 2 p m P U M P 3 a m 10 a m 12 noon 2 p m P U M P 3 a m 10 a m 12 noon 2 p m M O T O R H O U R S

WEIGHT	6.6	No. 1	6.0	No. 2	6.0	1	304	300	
VISCOSITY		MODEL	50	MODEL		2 <td>304 <td>300</td> </td>	304 <td>300</td>	300	
GEL						3 <td>678</td> <td>1000</td>	678	1000	
W.L.	F C	pH		DESILTER: Hours Op	8	U. Flow	4 <td>278</td> <td>300</td>	278	300
ADDITIVES:			GENERAL:		SURVEYS		5 Down		
FUEL			CHANGED GEAR PARKING		Weather		Clear		
RES.			IND-500 opp. fly wheel side		Temp		40		

Drilling Line Record **1** Size **1 1/2** Make **WAT** Serial No. **03707** No. Lines **8** Trips **3** Ton Miles **303** Total Miles **1150** Feet at Cut **150** At Miles **5-27** Date **5-27** Next Slip or Sp. on Spec. **240** FIRES

TOUR M IDN IGH T O 4 P M T O M I D N IGH T

From **17** Footage To **17** Hrs on Bottom **17** Wt. Drill Pipe **17** Stands **2** DRILL COLLARS No **15** O.D. **6 1/8** I.D. **4 1/2** Length **400** Air Wt. **300**

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.
17	8 3/4	S-88	3-14	343066													

M U D 4 a m 6 p m 8 p m 10 a m P U M P 4 a m 6 p m 8 p m 10 a m P U M P 4 a m 6 p m 8 p m 10 a m M O T O R H O U R S

WEIGHT	7.1	No. 1	6.0	No. 2	6.0	1	312	300	
VISCOSITY		MODEL	50	MODEL		2 <th>312</th> <th>300</th>	312	300	
GEL						3 <td>686</td> <td>1000</td>	686	1000	
W.L.	F C	pH		DESILTER: Hours Op	8	U. Flow	4 <td>286</td> <td>300</td>	286	300
ADDITIVES:			GENERAL:		SURVEYS		5 Down		
FUEL	8 AM		720 14 2756 GALS		Weather		Clear		
RES.			RESERVE 13		Temp		40		

Drilling Line Record **1** Size **1 1/2** Make **WAT** Serial No. **03707** No. Lines **8** Trips **3** Ton Miles **303** Total Miles **1150** Feet at Cut **150** At Miles **5-27** Date **5-27** Next Slip or Sp. on Spec. **240** FIRES

B.O.P. Tested	Elapsed Time	Pressure	Packing & Seal Inspected Date	Crown & Motor Chk a	Fuel on Hand 12:01 a.m.	CASING REPORT	PAN	TS	CSG	EQUIPM
Hydri				Pack Slaves Chk a	Fuel Rec'd Today (add)		TO	KB USED	SAY	FEW
Pipe Rams				Key Chk a	TOTAL					
Blind Rams				Flow Equip Chk a	Fuel on Hand 11:59 p.m. (add)	PLUS				DAYS PRO
TOTCO RING ON BIT	Boiler Operated	Hrs?			FUEL USED		CEMENT RETURNS (YES NO)	GENERAL		

4 LOCATION YTE 53 LSD SEC TWP RGE W DATE FEB 12 72 196
 MAILING POINT PARKIN SHIPPING POINT PARKIN MILES MOVED 2170 ROAD CONDITIONS GOOD

Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt.	Sub. Wt.	CB	ft.	Position
2	15	6 7/8	2 1/8	4 1/4			300			

REMARKS	TIME		
	START	STOP	INTVL
<i>Handed over to ROBERTS</i>	2:00		

PUMP		MOTOR HOURS	
4 am	6 am	1	296 300
6 am	8 am	2	296 300
8 am	10 am	3	670 1000
10 am	12 noon	4	270 300
12 noon	2 pm	5	DOWN

SURVEYS	
At Feet	Degrees
4	270
5	DOWN

LEAND PARKING EEL SIDE

Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt.	Sub. Wt.	CB	ft.	Position
2										

MOTOR HOURS	
1	304 300
2	304 300
3	678 1000
4	278 300
5	DOWN

PUMP		MOTOR HOURS	
12 noon	2 pm	1	304 300
2 pm	4 pm	2	304 300
4 pm	6 pm	3	678 1000
6 pm	8 pm	4	278 300
8 pm	10 pm	5	DOWN

SURVEYS	
At Feet	Degrees
4	278
5	DOWN

RED GLAND PARKING 500 opp. FLY WHEELS

Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt.	Sub. Wt.	CB	ft.	Position
	15	6 7/8	2 1/8	4 1/4						

MOTOR HOURS	
1	312 290
2	312 300
3	686 1000
4	286 300
5	

PUMP		MOTOR HOURS	
8 pm	10 pm	1	312 290
10 pm	12 pm	2	312 300
12 pm	2 am	3	686 1000
2 am	4 am	4	286 300
4 am	6 am	5	

SURVEYS	
At Feet	Degrees
4	286
5	

FEB 14 2156 GALS RVE 213

FUEL USED	
Fuel on Hand 12:01 a.m.	157
Fuel Rec'd Today (total)	00
TOTAL	157
Fuel on Hand 11:59 a.m. (actual)	00
FUEL USED	157

CASING REPORT		EQUIPMENT CHANGES		DRILLER'S SIGNATURE	
PAN	ITS	CSG			
TO	KB USED	SAX	CEM		
PLUS	DOWN	A M	P M		
CEMENT RETURNS - YES NO		GENERAL			

TOTAL COMPANY TIME		TOTAL CONTRACTOR'S TIME	
HRS		HRS	

Approved by Operator's Representative
 Approved by Toolpusher

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO. **24**

LOCATION **Y-T-E-53**

LSD SEC TWP MILES MOVED

5 SOUTH EAST PARKIN BASIN

MAILING POINT **PARKIN**

SHIPPING POINT **PARKIN**

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe 1000 ft.	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B.F.			
2245			58m	18	2		15	6 7/8	2 7/8		464.01		300	17			
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.
17	8 1/2	588	3-14	343061							1	600	55				

M.U.D.	12m	2am	4am	6am	PUMP	2m	2am	4am	6am	PUMP	2m	2am	4am	6am	MOTOR HOURS
WEIGHT				72	No. 1			600	600	600	No. 2				1 212 300
VISCOSITY				74	MODEL			6	5		MODEL				2 272 300
GEL															3 648 1000
W.L.	7	FC	2	pH 9.5	DESILTER	Hours Op.	U. Flow				O. Flow				4 248 300
ADDITIVES:	GENERAL: 5 S DOWN														

Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Feet Slip at Cut	At Miles	Date Slip at Cut	Next Slip	Feet on Sale
17	1 1/2	WAG	3707	8	1/2	25	303	1150		2 12	500	200

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe 1000 ft.	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B.F.
2250			58m	12	2		15	6 7/8	2 7/8		410		300	11

M.U.D.	4pm	6pm	8pm	10pm	PUMP	4pm	6pm	8pm	10pm	PUMP	4pm	6pm	8pm	10pm	MOTOR HOURS
WEIGHT				72	No. 1			700	600	700	No. 2				1 288 300
VISCOSITY					MODEL			52	56	56	MODEL				2 388 300
GEL								3 1/2	4						3 662 1000
W.L.		FC		pH	DESILTER	Hours Op.	U. Flow				O. Flow				4 262 300
ADDITIVES:	GENERAL: 3 1/2														

Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Feet Slip at Cut	At Miles	Date Slip at Cut	Next Slip	Feet on Sale
17	1 1/2	WAG	3707	8	1/2	25	303	1150		2 12	500	200

B.O.P.	Tested	Elapsed Time	Pressure	Packing & Seal Inspected Date	Crown & matrix Chk'd	Fuel on Hand 2:31 a.m.	1570	gals.	CASING REPORT	R/N	TS	EQUIP
Hvdrl					Rig Safety Chk'd	Fuel Rec'd Today (add)		gals.				
Pipe Rams					Keys Check Chk'd	TOTAL		gals.	TC	KB USED	SAY	DAY
Blind Rams					Fire Equip Chk'd	Fuel on Hand 5:30 p.m. (deduct)	1570	gals.	PLUS			DAY
TOTCO RING ON BIT = 17	Boiler Operated	2	Hrs 24			FUEL USED		gals.	CEMENT RETURNS	YES NO	GENERAL: —	

LOCATION YTF-53 LSD SEC TWP RGE W DATE FEB 17 1961
 MAILING POINT PARKIN SHIPPING POINT PARKIN MILES MOVED 2170 ROAD CONDITIONS FAIR

Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt	Sub. Wt	CB Ft	Fl. on Spool	
2		15	6 7/8	2 7/8	464.01		300		17	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
				1	600	55		CIRG		

REMARKS
 Finish in w B.T. + J.C. ...
 R. SER
 CIRG WATSON ...

PUMP				MOTOR HOURS				Next O. Change
4 am	6 am	12 mn	2 am	4 am	6 am	8 am	10 am	
600	600							1 272 300
								2 272 300
								3 648 1000
								4 248 300
								5 S DOWN

START	STOP	TIME
14:00	1:35	1 1/2
1:50	1:55	1/4
1:45	8:00	6 1/4

Total Miles 303 Slip 1150 Feet of Cut 1150 At Miles 1150 Date Slip or Cut 2-12-60 Next Slip 500 Fl. on Spool 24

FIRES None DRILLER'S SIGNATURE Langley Taylor

Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt	Sub. Wt	CB Ft	Fl. on Spool	
2		5	6 7/8	2 7/8	464.01		300		17	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.

REMARKS
 ...

PUMP				MOTOR HOURS				Next O. Change
8 am	10 am	12 noon	2 pm	4 pm	6 pm	8 pm	10 pm	
								1 280 300
								2 280 300
								3 648 1000
								4 256 300
								5 DOWN

REMARKS
 ...

Total Miles 353 Slip 53 Feet of Cut 53 At Miles 53 Date Slip or Cut 2-12-60 Next Slip 500 Fl. on Spool 24

FIRES None DRILLER'S SIGNATURE Langley Taylor

Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt	Sub. Wt	CB Ft	Fl. on Spool	
2		15	6 7/8	2 7/8	464.01		300		17	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
				1	600	55				

REMARKS
 ...

PUMP				MOTOR HOURS				Next O. Change
0 am	2 pm	4 pm	6 pm	8 pm	10 pm	12 pm	2 am	
140	600							1 288 300
656	500							2 288 300
								3 662 1000
								4 262 300
								5 DOWN

REMARKS
 ...

Total Miles 385 Slip 1370 Feet of Cut 1370 At Miles 1370 Date Slip or Cut 2-12-60 Next Slip 500 Fl. on Spool 24

FIRES None DRILLER'S SIGNATURE Langley Taylor

FUEL USED		CASING REPORT		EQUIPMENT CHANGES		TRANSFER	
Fuel on Hand 12:01 a.m.	1370	RA	NTS				
Fuel Rec'd Today (add)		TC	KB USED	SA			
TOTAL		PLUS					
Fuel on Hand 11:59 p.m. (subtract)	1370	CEMENT RETURNS (YES/NO)					

GENERAL
 DAYS FROM SPUD:
 TOTAL COMPANY TIME
 TOTAL CONTRACTOR'S TIME

APPROVED BY OPERATOR REPRESENTATIVE
 APPROVED BY TOOLPUSHER

GP-1000

COPY

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTION SOUTH EAST
WELL SOUTH EAST PARKIN BASE

RIG NO 24

LOCATION Y-F-53

LSD SEC TWP R

MAILING POINT PARKIN

SHIPPING POINT PARKIN

MILES MOVED

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B.			
2245				58m	18	2	5.710	15	6 7/8	2 1/4	464.07		300	19			
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.
17	8 3/4	583	3-14	343062							1	900	64				

FINISH D.C.F.
UNDERGURT
RUN IN W.I.
CIRC 250
D.S. 250
RUN IN W.I.
CIRC 250
FIRE SW

MUD	12 mn	2 am	4 am	6 am	PUMP	12 mn	2 am	4 am	6 am	PUMP	12 mn	2 am	4 am	6 am	MOTOR HOURS
WEIGHT	12	277	92		No. 1	700	700	700		No. 2					1 256 300
VISCOSITY		110	155		MODEL	61	64	64		MODEL					2 256 300
GEL															3 624 300
W.L.	FC		pH 7.5	DESILTER	Hours Op	U Flow	O Flow								4 224 300
ADDITIVES	GEM 2 BAGS CML RB-3 BAGS				GENERAL: 5/2X16 RESERVE. 4 6"				SURVEYS At Feet Degrees 273 274				5 DOWN 300		
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Feet Slip or Cut	At Miles	Date Slip or Cut	Temp	Water			
1"	W191		13707	8		253	1750		NEW	5-27	72.500	2700			

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B.			
2245				58m			5				2 1/4		300				
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.
17	8 3/4	583	3-14	343062													

CIRC
FIRE SW
CIRC
FIRE SW

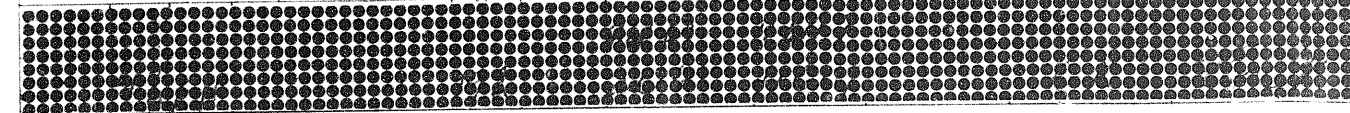
MUD	8 am	10 am	12 noon	2 pm	PUMP	8 am	10 am	12 noon	2 pm	PUMP	8 am	10 am	12 noon	2 pm	MOTOR HOURS
WEIGHT					No. 1					No. 2					1 256 300
VISCOSITY					MODEL					MODEL					2 256 300
GEL															3 624 300
W.L.	FC		pH	DESILTER	Hours Op	U Flow	O Flow								4 224 300
ADDITIVES	GENERAL: CHECKED VALVES + SPRTS 2 Pumps.				SURVEYS At Feet Degrees 273 274				5						
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Feet Slip or Cut	At Miles	Date Slip or Cut	Temp	Water			
1"	W191		13707	8		253	1750		NEW	5-27	72.500	2700			

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B.			
2245				58m			5				2 1/4		300				
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.
17	8 3/4	583	3-14	343062													

FIRE SW
FIRE SW

MUD	4 pm	6 pm	8 pm	10 pm	PUMP	4 pm	6 pm	8 pm	10 pm	PUMP	4 pm	6 pm	8 pm	10 pm	MOTOR HOURS
WEIGHT					No. 1					No. 2					1 264 300
VISCOSITY					MODEL					MODEL					2 264 300
GEL															3 632 300
W.L.	FC		pH	DESILTER	Hours Op	U Flow	O Flow								4 232 300
ADDITIVES	GENERAL: CHANGED OIL FILTERS IN D379.				SURVEYS At Feet Degrees 273 274				5						
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Feet Slip or Cut	At Miles	Date Slip or Cut	Temp	Water			
1"	W191		13707	8		278	1750		NEW	5-27	72.500	2700			

B.O.P.	Tested	Eloped Time	Pres. Valve	Packing & Seal Inspected Date	Clean a mat. Chk. d.	Fuel on Hand 12.00 am	1565	CASING REPORT	PAN	TS	ASC
Hydril					Pig Savers Chk. d.	Fuel Rec'd Today		TOTAL	10	AB USED	SA
Pipe Rams					Anti. Coll. Chk. d.	Fuel on Hand 1.00 pm		PLUS		PLUG DOWN	AM
Blind Rams					Fire Equip. Chk. d.	FUEL USED		CEMENT RETURNS	YES	NO	DAYS
TOICO RING ON BIT		Barrier Operated									GENERAL



4 LOCATION **YI-E-53** LSD SEC TWP RGE W DATE **FEB 16** 1962
 MAILING POINT **PARKIN** SHIPPING POINT **PARKIN** MILES MOVED **2170** ROAD CONDITIONS **FAIR**

Drills	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub Wt.	C.B. Ft.	Drill on Well																																	
1	2	5.770	15	6 7/8	2 7/8	464.01		3.00		19																																	
M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.																																
					1	700	64																																				
<table border="1"> <thead> <tr> <th colspan="4">PUMP</th> <th colspan="4">MOTOR HOURS</th> </tr> <tr> <th>No. 2</th> <th>PREL. SURF.</th> <th>MODELS</th> <th>SIZE</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td>256</td> <td>256</td> <td>624</td> <td>224</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>300</td> <td>300</td> <td>300</td> <td>300</td> </tr> </tbody> </table>												PUMP				MOTOR HOURS				No. 2	PREL. SURF.	MODELS	SIZE	1	2	3	4					256	256	624	224					300	300	300	300
PUMP				MOTOR HOURS																																							
No. 2	PREL. SURF.	MODELS	SIZE	1	2	3	4																																				
				256	256	624	224																																				
				300	300	300	300																																				
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SURVEYS		Weather		Water																																							
At Feet	Degrees	Clear	Temp	Temp	Sp. G.																																						
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Total Miles	Feet Drilled	At Miles	Date	Next	Feet Drilled																																						
253	1150	NEW	5-2-72	500	2400																																						

REMARKS
 FINISH DC FULL ACROSS DERRICK CAUGHT
 UNDERGURT IN DERRICK RIG SET
 RUN IN W/ BIT SLOW
 CHECK 10' T. OF HOLE TO BOTTOM
 CIRC + 200 - HOLES
 10' SIN. & JUMPY TAIL
 LET STAND FOR 15 MIN. & RIG SET
 RUN IN W/ FALL ON BOTTOM
 CIRC
 FIRES
 Driller's Signature: *Lyle Larson*

TIME	START	STOP	INVT.
	12:00		
	1:00	1:10	1
	1:30	2:30	1 1/2
	3:30	6:30	3
	6:30	7:00	1/2
	7:00	7:15	1/4
	7:15	7:45	1/2
	7:45	8:00	1/4

Drills	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub Wt.	C.B. Ft.	Drill on Well																																	
		15		2 1/4	1 1/4			300																																			
M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.																																
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PUMP				MOTOR HOURS																																							
No. 2	PREL. SURF.	MODELS	SIZE	1	2	3	4																																				
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SURVEYS		Weather		Water																																							
At Feet	Degrees	Clear	Temp	Temp	Sp. G.																																						
			30	100																																							
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278	1150	NEW	5-2-72	500	2400																																						

REMARKS
 CIRC
 FIRES
 Driller's Signature: *Lyle Larson*

Drills	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub Wt.	C.B. Ft.	Drill on Well																																	
M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.																																
<table border="1"> <thead> <tr> <th colspan="4">PUMP</th> <th colspan="4">MOTOR HOURS</th> </tr> <tr> <th>No. 2</th> <th>PREL. SURF.</th> <th>MODELS</th> <th>SIZE</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td>264</td> <td>264</td> <td>632</td> <td>232</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>300</td> <td>300</td> <td>300</td> <td>300</td> </tr> </tbody> </table>												PUMP				MOTOR HOURS				No. 2	PREL. SURF.	MODELS	SIZE	1	2	3	4					264	264	632	232					300	300	300	300
PUMP				MOTOR HOURS																																							
No. 2	PREL. SURF.	MODELS	SIZE	1	2	3	4																																				
				264	264	632	232																																				
				300	300	300	300																																				
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REMARKS
 FIRES
 Driller's Signature: *Lyle Larson*

FUEL USED		CEMENT RETURNS		EYES		GENERAL	
Fuel on Hand 12:00 a.m.	1565						
Fuel Rec'd Today							
TOTAL							
Fuel on Hand 1:59 a.m. (today)							

EQUIPMENT CHANGES
 TRANSFER TO
 DAYS FROM SPUD:
 TOTAL COMPANY TIME
 TOTAL CONTRACTOR'S TIME
 Approved by Operator's Representative
 Approved by Toolpusher

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO 24

LOCATION YT-E 53

LSD

SEC.

TWP

RG

SOUTH 25 EAST PARKIN BASIN

MAILING POINT PARKIN

SHIPPING POINT PARKIN

MILES MOVED

TOUR	M	I	D	N	I	G	H	T	S	From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	No. on Sp.	No. on Sp.	MOTOR HOURS																											
																											1	2	3	4																								
TOUR	M	I	D	N	I	G	H	T	S	2245				58	18	2	5 HWS	6 7/8	2 7/8	464	01	407	40	300		11																												
										No.	17	Size	8 3/4	Type	5 7/8	Jets/W.C.	3-14	Serial No.	343062	Wgt.		R.P.M.		Drilled or Cored		Hrs.		Reamed		Hrs.	Pump No.	1	Pump Pressure	900	S.P.M.	64	Table Torque	11057	T.		B.		G.											
										MUD	12 m	2 a	4 a	6 a	PUMP	12 m	2 a	4 a	6 a	PUMP	12 m	2 a	4 a	6 a	MOTOR HOURS																													
										WEIGHT					No. 1	900	900	700	900	No. 2																	1	232	300															
										VISCOSITY	30	3	7	13	MODEL	64	64	64	64	MODEL																2	232	300																
										GEL					MODEL	5 1/2	16			MODEL																3	600	300																
										W.L.	7.2	F.C.	32	pH	DESILTER	Hours Op.	8	U Flow		O Flow																4	200	300																
										ADDITIVES:	GEL 46 SALS												GENERAL: Fuel on Hand 56' Black Tank, Rig Tank 2=18.9 gal												SURVEYS				At Feet				Degrees				Weather				Water			
										Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet of Cut	At Miles	Date	Slip or Cut	Next Slip	Feet on Sp.	Next Slip	Feet on Sp.	FIRES																											
										TOUR	M	I	D	N	I	G	H	T	S	2245				58	18	2	COLLARS	15	6 7/8	2 7/8	464.01	50	300		11																			
No.	17	Size	8 3/4	Type	5 7/8	Jets/W.C.	3-14	Serial No.	343062											Wgt.		R.P.M.		Drilled or Cored		Hrs.		Reamed		Hrs.	Pump No.		Pump Pressure		S.P.M.		Table Torque		T.		B.		G.											
MUD	8 a	10 a	12 noon	2 p	PUMP	8 a	10 a	12 noon	2 a											PUMP	8 a	10 a	12 noon	2 a	MOTOR HOURS																													
WEIGHT					No. 1				No. 2																											1	240	300																
VISCOSITY					MODEL				MODEL																											2	240	300																
GEL					MODEL				MODEL																											3	608	500																
W.L.		F.C.		pH	DESILTER	Hours Op.		U Flow												O Flow																4	208	300																
ADDITIVES:																				GENERAL: ONE DERRICK MAN SHORT (HILLGRAN SICK)												SURVEYS				At Feet				Degrees				Weather				Water						
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet of Cut											At Miles	Date	Slip or Cut	Next Slip	Feet on Sp.	Next Slip	Feet on Sp.	FIRES																											
TOUR	M	I	D	N	I	G	H	T	S											2245				56	18	2	COLLARS	15	CH	2 7/8	411.0	300		11																				
										No.	17	Size	8 3/4	Type	5 7/8	Jets/W.C.	3-14	Serial No.	343062	Wgt.		R.P.M.		Drilled or Cored		Hrs.		Reamed		Hrs.	Pump No.		Pump Pressure		S.P.M.		Table Torque		T.		B.		G.											
										MUD	4 p	6 p	8 p	10 p	PUMP	4 p	6 p	8 p	10 p	PUMP	4 p	6 p	8 p	10 p	MOTOR HOURS																													
										WEIGHT					No. 1	900			No. 2																	1	248	300																
										VISCOSITY					MODEL				MODEL																	2	248	300																
										GEL					MODEL				MODEL																	3	606	500																
										W.L.		F.C.		pH	DESILTER	Hours Op.		U Flow		O Flow																4	216	300																
										ADDITIVES:													GENERAL: H-6 SPARE FUEL TANK												SURVEYS				At Feet				Degrees				Weather				Water			
										Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Slip	Feet of Cut	At Miles	Date	Slip or Cut	Next Slip	Feet on Sp.	Next Slip	Feet on Sp.	FIRES																											

MIX MUD CO
RIG SER + D
PUMP OUT
HOIST OUT

FIRES

FIRES

FIRES

B.O.P.	Tested	Elapsed Time	Pressure	Packing & Seal	Clean a mat	Fuel on Hand 12 01 a.m.	2518	CASING REPORT		RAN	TS	CSG
Hydr.					R a Savers	Fuel Rec'd Today		TOTAL		TO	AB USED	SAY
Blind Rams					Key Lock	Fuel on Hand 11 59 a.m. (educt)	1565	PLUS		PLUS	PLUS	PLUS
TOTCO RING ON BIT =	Boiler Operated	2	2	Hrs	Fire Equip	FUEL USED	753	CEMENT RETURNS (YES NO)		GENERAL		

CONSERVATION BOARD COPY

Stand	Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt.	Sub. Wt.	CB Ft.	Fraction	
8	2	5 HV15	6 1/8	2 7/8	464	01	300	3.00	14	11	
P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
					1	900	64		HOIST		
				PUMP		MOTOR HOURS		Next O Change			
0am	4am	6am		12mn	2am	4am	6am				
	7:00	9:00					1		232	300	
	64	64					2		232	300	
	16						3		600	300	
				SURVEYS		At Feet		Degrees			
U Flow				O Flow		230		234		DOWN	
on Hand 56' Black + Rig Tank 2518. gal.											
Total Miles				Feet or Cut		At Miles		Date		Next Slip	
158				1150		NEW		3-2-72		500 2400	

REMARKS	START	STOP	TIME
MIX MUD COM HOPE WORK 1/2 +	12:00		
Rig SER + HOIS		7:00	7
PUMP OUT 3 Singles Blow Kiddy	7:00		
HOIST OUT		8:00	1
			8

Stand	Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt.	Sub. Wt.	CB Ft.	Fraction	
3	2	15	6 1/8	2 7/8	464	01	300	3.00	14	11	
P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
				PUMP		MOTOR HOURS		Next O Change			
0am	12 noon	2pm		8am	10am	12 noon	2pm				
							1		240	300	
							2		240	300	
							3		608	300	
							4		208	300	
				SURVEYS		At Feet		Degrees			
U Flow				O Flow		245		234			
DERRICK MAN 27. (HILLGRAN SICK)											
Total Miles				Feet or Cut		At Miles		Date		Next Slip	
208				1150		NEW		3-2-72		500 2400	

REMARKS	START	STOP	TIME
FIRE / VIA			
DUMMY TRIP 7 STD	3:00	4:30	1 1/2
...	4:30	5:30	1
...	5:30	6:30	1
...	6:30	7:30	1
...	7:30	8:30	1
...	8:30	9:30	1
...	9:30	10:30	1
...	10:30	11:30	1
...	11:30	12:30	1
...	12:30	1:30	1
...	1:30	2:30	1
...	2:30	3:30	1
...	3:30	4:30	1
...	4:30	5:30	1
...	5:30	6:30	1
...	6:30	7:30	1
...	7:30	8:30	1
...	8:30	9:30	1
...	9:30	10:30	1
...	10:30	11:30	1
...	11:30	12:30	1
...	12:30	1:30	1
...	1:30	2:30	1
...	2:30	3:30	1
...	3:30	4:30	1
...	4:30	5:30	1
...	5:30	6:30	1
...	6:30	7:30	1
...	7:30	8:30	1
...	8:30	9:30	1
...	9:30	10:30	1
...	10:30	11:30	1
...	11:30	12:30	1
...	12:30	1:30	1
...	1:30	2:30	1
...	2:30	3:30	1
...	3:30	4:30	1
...	4:30	5:30	1
...	5:30	6:30	1
...	6:30	7:30	1
...	7:30	8:30	1
...	8:30	9:30	1
...	9:30	10:30	1
...	10:30	11:30	1
...	11:30	12:30	1
...	12:30	1:30	1
...	1:30	2:30	1
...	2:30	3:30	1
...	3:30	4:30	1
...	4:30	5:30	1
...	5:30	6:30	1
...	6:30	7:30	1
...	7:30	8:30	1
...	8:30	9:30	1
...	9:30	10:30	1
...	10:30	11:30	1
...	11:30	12:30	1
...	12:30	1:30	1
...	1:30	2:30	1
...	2:30	3:30	1
...	3:30	4:30	1
...	4:30	5:30	1
...	5:30	6:30	1
...	6:30	7:30	1
...	7:30	8:30	1
...	8:30	9:30	1
...	9:30	10:30	1
...	10:30	11:30	1
...	11:30	12:30	1
...	12:30	1:30	1
...	1:30	2:30	1
...	2:30	3:30	1
...	3:30	4:30	1
...	4:30	5:30	1
...	5:30	6:30	1
...	6:30	7:30	1
...	7:30	8:30	1
...	8:30	9:30	1
...	9:30	10:30	1
...	10:30	11:30	1
...	11:30	12:30	1
...	12:30	1:30	1
...	1:30	2:30	1
...	2:30	3:30	1
...	3:30	4:30	1
...	4:30	5:30	1
...	5:30	6:30	1
...	6:30	7:30	1
...	7:30	8:30	1
...	8:30	9:30	1
...	9:30	10:30	1
...	10:30	11:30	1
...	11:30	12:30	1
...	12:30	1:30	1
...	1:30	2:30	1
...	2:30	3:30	1
...	3:30	4:30	1
...	4:30	5:30	1
...	5:30	6:30	1
...	6:30	7:30	1
...	7:30	8:30	1
...	8:30	9:30	1
...	9:30	10:30	1
...	10:30	11:30	1
...	11:30	12:30	1
...	12:30	1:30	1
...	1:30	2:30	1
...	2:30	3:30	1
...	3:30	4:30	1
...	4:30	5:30	1
...	5:30	6:30	1
...	6:30	7:30	1
...	7:30	8:30	1
...	8:30	9:30	1
...	9:30	10:30	1
...	10:30	11:30	1
...	11:30	12:30	1
...	12:30	1:30	1
...	1:30	2:30	1
...	2:30	3:30	1
...	3:30	4:30	1
...	4:30	5:30	1
...	5:30	6:30	1
...	6:30	7:30	1
...	7:30	8:30	1
...	8:30	9:30	1
...	9:30	10:30	1
...	10:30	11:30	1
...	11:30	12:30	1
...	12:30	1:30	1
...	1:30	2:30	1
...	2:30	3:30	1
...	3:30	4:30	1
...	4:30	5:30	1
...	5:30	6:30	1
...	6:30	7:30	1
...	7:30	8:30	1
...	8:30	9:30	1
...	9:30	10:30	1
...	10:30	11:30	1
...	11:30	12:30	1
...	12:30	1:30	1
...	1:30	2:30	1
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...	6:30	7:30	1
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...	8:30	9:30	1
...	9:30	10:30	1
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...	7:30	8:30	1
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...	9:30	10:30	1
...	10:30	11:30	1
...	11:30	12:30	1
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...	1:30	2:30	1
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...	3:30	4:30	1
...	4:30	5:30	1
...	5:30	6:30	1
...	6:30	7:30	1
...	7:30	8:30	1
...	8:30	9:30	1
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...	12:30	1:30	1
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...	8:30	9:30	1
...	9:30	10:30	1
...	10:30	11:30	1
...	11:30	12:30	1
...	12:30	1:30	1
...	1:30	2:30	1
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...	3:30	4:30	1
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...	7:30	8:30	1
...	8:30	9:30	1
...	9:30	10:30	1
...	10:30	11:30	1
...	11:30	12:30	1
...	12:30	1:30	1
...	1:30	2:30	1
...	2:30	3:30	1
...	3:30	4:30	1
...	4:30	5:30	1
...	5:30	6:30	1
...	6:30	7:30	1
...	7:30	8:30	1
...	8:30	9:30	1
...	9:30	10:30	1
...	10:30	11:30	1
...	11:30	12:30	1
...	12:30	1:30	1
...	1:30	2:30	1

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTION SOUTH EAST PARKIN BASIN

RIG NO 24

LOCATION Y1-E-53

LSD SEC

TWP

WELL SOUTH EAST PARKIN BASIN

MAILING POINT PARKIN

SHIPPING POINT PARKIN

MILES MOVED

TOUR	From		Footage		To	Hrs on Bottom	Wt Drill Pipe (1000 lbs)	Stands	Singles	DRILL COLLARS	No	O.D.	I.D.	Length	Air Wt	Sub Wt	B.C.F.		
	2156		47		2203	7 3/4	56M	18	1	577015	6 7/8	2 1/8	64	01	300	300			
BITS	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.	
	17	8 1/2	S8	3-14	343062	30	45	273	46M			1	900	64					
MUD	2m	2am	4am	6am	PUMP		2m	2am	4am	6am	PUMP		2m	2am	4am	6am	MOTOR HOURS		
WEIGHT	72	72	72	72	No.	900	900	900	700	No.	2						1	208	300
VISCOSITY	67	60	60	60	Model	64	64	64	64	Model	64	64	64	64	64	64	2	208	300
GEL					500	5/2	K16			250							3	376	300
WL	FC	pH	10	DESILTER	Hours Op	8	U Flow	O Flow	SURVEYS		At Feet		Degrees						
ADDITIVES:										GENERAL:									
1710										74									
Weather										35-170									
Temp																			
Drilling Line Record	Size	Make	Serial No	No Lines	Trips	Ton Miles	Total Miles	Feet of Cut	At Miles	Date	Next Site	FIRENK							
1	W2.40		0-3707	8		158	1150	NEW 5-2-72	500	2400									
TOUR	From		Footage		To	Hrs on Bottom	Wt Drill Pipe (1000 lbs)	Stands	Singles	DRILL COLLARS	No	O.D.	I.D.	Length	Air Wt	Sub Wt	B.C.F.		
	2203		30		2241	4 1/2	36M	18	2	15	6 7/8	2 1/8	64	01	300	300			
BITS	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.	
	17	8 1/2	S8	3-14	343062	30	45	331	53M			1	900	64					
MUD	8am	10am	12noon	2pm	PUMP		8am	10am	12noon	2pm	PUMP		8am	10am	12noon	2pm	MOTOR HOURS		
WEIGHT	75	75	74	74	No.	900	900	900	700	No.	2						1	216	300
VISCOSITY	63	60	66	66	Model	64	64	64	64	Model	64	64	64	64	64	64	2	216	300
GEL					500	5/2	K16			250							3	584	500
WL	FC	pH	11.0	DESILTER	Hours Op		U Flow	O Flow	SURVEYS		At Feet		Degrees						
ADDITIVES:										GENERAL:									
1710										74									
Weather										35-170									
Temp																			
Drilling Line Record	Size	Make	Serial No	No Lines	Trips	Ton Miles	Total Miles	Feet of Cut	At Miles	Date	Next Site	FIRE							
1	VAR10		0-3707	8		158	1150	NEW 5-2-72	500	2400									
TOUR	From		Footage		To	Hrs on Bottom	Wt Drill Pipe (1000 lbs)	Stands	Singles	DRILL COLLARS	No	O.D.	I.D.	Length	Air Wt	Sub Wt	B.C.F.		
	2241		4		2245	1	36	18	2	14	6 7/8	2 1/8	64	01	300	300			
BITS	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.	
	17	8 1/2	S8	3-14	343062	30	40	335	54M			1	900	64					
MUD	4pm	6pm	8pm	10pm	PUMP		4pm	6pm	8pm	10pm	PUMP		4pm	6pm	8pm	10pm	MOTOR HOURS		
WEIGHT	50	50	50	50	No.	700	700	700	700	No.	2						1	230	300
VISCOSITY					Model	64	64	64	64	Model	64	64	64	64	64	64	2	230	300
GEL					500	5/2	K16			250							3	392	300
WL	FC	pH		DESILTER	Hours Op	7	U Flow	O Flow	SURVEYS		At Feet		Degrees						
ADDITIVES:										GENERAL:									
1710										74									
Weather										35-170									
Temp																			
Drilling Line Record	Size	Make	Serial No	No Lines	Trips	Ton Miles	Total Miles	Feet of Cut	At Miles	Date	Next Site	FIRE							
1	VAR10		0-3707	8		158	1150	NEW 5-2-72	500	2400									

Drill R & S R

FIRENK

FIRE

FIRE

B.O.P.	Tested	Elapsed Time	Pressure	Packing & Seal Inspected Date	Crown & Seal Chk'd	Fuel on Hand	2000	1172	40	CASING REPORT	
Hydril						Fuel Rec'd Today				NO USED	347
Pipe Rams						TOTAL					
Blind Rams						Fuel on Hand	590				
TO/CO RING ON BIT = 11		Boiler Operated 2 Hrs		FUEL USED		300		CEMENT RETURNS		YES NO	

CONSERVATION BOARD COPY

LOCATION **YT-E-53** LSD SEC TWP RGE W DATE **FEB 14 1972**
 MAILING POINT **PARKIN** SHIPPING POINT **PARKIN** MILES MOVED **2170** ROAD CONDITIONS **FAIR**

Singles	DRILL COLLARS	No	OD	ID	Length	Air Wt	Sub. Wt	CB Ft	Fr on	
1	577015	678	27/8	464	01	X0	3.00			
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
273	4674			1	900	64		114		

REMARKS
DRILL RIG SER DRILL
 START TIME
 12:00 2:15 2:14
 2:30 2:50 7/4
 2:30 8:00 5 1/2
 8

PUMP		MOTOR HOURS	
4 am	6 am	12 mn	2 am
900	700	No 2	1
64	64	MODE	2
	250	LINE	3
		SIZE	4
U Flow		O Flow	

SURVEYS
 At Feet Degrees
 1910 74
 5
 Weather **CLAR** Water
 Temp **35** - 170

PUMP		MOTOR HOURS	
12 noon	2 pm	8 am	10 am
700	700	No 2	1
64	64	MODE	2
	250	LINE	3
		SIZE	4
U Flow		O Flow	

158 1150 Feet of Cut
 At Miles Date Slip or Cut
NEW 5-2-72 500 2700
 FIRES/NK **Rafe Jensen**
 DRILLER'S SIGNATURE
 DRILLING 2 3/4 - 10 LE
 8:00
 30 100 1/2

PUMP		MOTOR HOURS	
8 am	6 pm	4 am	6 am
700	700	No 2	1
64	64	MODE	2
	250	LINE	3
		SIZE	4
U Flow		O Flow	

158 1150 Feet of Cut
 At Miles Date Slip or Cut
NEW 5-2-72 500 2700
 FIRES
John Matoney
 DRILLER'S SIGNATURE
 5 1/2

SPARE FUEL TANK
 TANK
 FUEL USED

EQUIPMENT CHANGES
 DRILLER'S SIGNATURE
 TRANSFER #
 CASING REPORT
 FUEL ON HAND 201 gal 1072 gal
 FUEL REC'D TODAY 0 gal
 TOTAL 0 gal
 FUEL USED 59 gal
 FUEL USED 59 gal
 GENERAL
 APPROVED BY OPERATOR'S REPRESENTATIVE
 APPROVED BY TOOLPUSHER
 TOTAL COMPANY TIME HRS
 TOTAL CONTRACTOR'S TIME HRS

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO **24**

LOCATION **YT-L-53**

USD

SEC

TWP

RG

25 EAST PARKIN BASIN

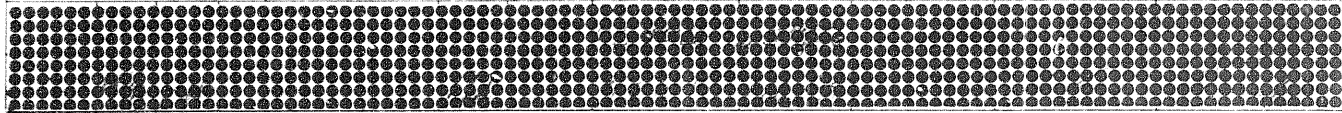
MAILING POINT **PARKIN**

SHIPPING POINT **PARKIN**

MILES MOVED **2**

From	Footage	To	Hrs on Bottom	Wt Drill Pipe (1000 lbs)	Stands	Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt	Sub. Wt	CB Ft	Flow on			
1410	16	2036	7 3/4	52m	16	1	3 1/2	15	6 7/8	2 7/8	46 1/2	467	300	9.11				
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.
I	17	8 3/4	18	3-14	343062	30-32	45-48	126	23			1	900	64		IN		
S																		
2036	59	2095	7 3/4	52m	17	0	15	6 7/8	2 7/8	46 1/2			300	3				
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.
I	17	8 3/4	18	3-14	343062	30	45	185	30 1/4			1	900	63		DRILLING		
S																		
2095	10	2105	7 3/4	52m	10	2	15	6 7/8	2 7/8	46 1/2			300	3				
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.
I	17	8 3/4	18	3-14	343062	30	45	185	30 1/4			1	900	63		DRILLING		
S																		

B O P	Tusted	Elapsed Time	Pressure	Packing & Seal	Inspected Date	Crown a mar	Chk is	Fuel on Hand	22.5 gal	2037	CASING REPORT	PAN	EQUIPM
Hydro								Fuel Res id	Tortax	and			
Pipe Ram								TOTAL		41			
Blind Ram								Fuel on Hand	59 gal	300			
TOTO RING ON BIT	17	Boiler Operated	2	M 1/4				FUEL USED	41		CEMENT RETURNS	YES NO.	GENERAL



CONSERVATION BOARD COPY

4 LOCATION **YT-E-53** LSD SEC TWP RGE W DATE **FEB 13** 1967
 MAILING POINT **PARKIN** SHIPPING POINT **PARKIN** MILES MOVED **2170** ROAD CONDITIONS **FAIR**

Drills	Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt.	Sub. Wt.	CB Ft.	St. up on
1		5	15	6 7/8	2 7/8	464	X 0	300		9.11
126	23							700	64	IN

PUMP				MOTOR HOURS		Next Oil Change
No. 2	184	300	1	184	300	
No. 3	184	300	2	184	300	
No. 4	552	500	3	552	500	
No. 5	152	300	4	152	300	
No. 6			5			

U Flow O Flow SURVEYS
 At Feet Degrees
 1410 74
 Weather **DRY** Water **200**
 Temp **30** Ebbs

Total Miles **158** Slip **1150** Feet of Cut **NEW** At Miles **272** Date Slip or Cut **272** Next Slip **500** Ft. up on **2700**

REMARKS
DRINK
H2O
DRINK

TIME		
START	STOP	INVTL
12:00	4:30	4 1/2
7:30	4:45	1/4
4:45	6:00	3/4

FIRE SIGNATURE **Rylee Jensen** DRILLER'S SIGNATURE

Drills	Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt.	Sub. Wt.	CB Ft.	St. up on
185	303A		15	6 7/8	2 7/8	464	X 0	300		3.

PUMP				MOTOR HOURS		Next Oil Change
No. 1	192	300	1	192	300	
No. 2	192	300	2	192	300	
No. 3	560	500	3	560	500	
No. 4	160	300	4	160	300	
No. 5			5			

U Flow O Flow SURVEYS
 At Feet Degrees
 1120
 Weather **DRY** Water **100**
 Temp **25** Ebbs

Total Miles **158** Slip **1150** Feet of Cut **NEW** At Miles **272** Date Slip or Cut **272** Next Slip **500** Ft. up on **2700**

REMARKS
DRILLING 530 TO 1000
DRILLING

FIRE SIGNATURE **Rylee Jensen** DRILLER'S SIGNATURE

Drills	Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt.	Sub. Wt.	CB Ft.	St. up on
296	336		1					700	64	296

PUMP				MOTOR HOURS		Next Oil Change
No. 1	300	300	1	300	300	
No. 2	300	300	2	300	300	
No. 3	368	300	3	368	300	
No. 4	168	300	4	168	300	
No. 5			5			

U Flow O Flow SURVEYS
 At Feet Degrees
 2
 Weather **DRY** Water **7**
 Temp **7** Ebbs

Total Miles **158** Slip **1150** Feet of Cut **NEW** At Miles **272** Date Slip or Cut **272** Next Slip **500** Ft. up on **2700**

REMARKS
DRILLING

FIRE SIGNATURE **Rylee Jensen** DRILLER'S SIGNATURE

FUEL USED		CASING REPORT		EQUIPMENT CHANGES		TRANSFER	
Fuel on Hand	20.00	PAV	15	OSU			
Fuel Ret. at Day's End							
TOTAL							
Fuel on Hand	54.00						

GENERAL	
APPROVED BY OPERATOR'S REPRESENTATIVE	
APPROVED BY TOOLPUSHER	

DRILLER'S SIGNATURE

APPROVED BY OPERATOR'S REPRESENTATIVE

APPROVED BY TOOLPUSHER

COPY

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO 24

LOCATION YF-53

SEC TWP

25 EAST PARKIN BASE

MAILING POINT PARKIN

SHIPPING POINT PARKIN

MILES MOVED

TOUR	MIDNIGHT	8 AM	TOUR	8 AM	TOUR	4 PM	TOUR	4 PM	MIDNIGHT	From	Footage	To	Hrs on Bottom	Wt Drill Pipe	Strands	Singles	DRILL COLLARS	No	OD	ID	Length	Air Wt	Sub Wt	CB	Temp						
										1910	112	50	15	3710	15	6 3/4	278	441	300	610											
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.													
	17	8 3/4	S88	3-14	343062	20	45	2	34			1	900	64																	
MUD										2 am	4 am	7 am	PUMP			12 am	2 am	4 am	7 am	PUMP			MOTOR HOURS								
WEIGHT										7.1	No 1			800	No 2							1	160	300							
VISCOSITY										60	Model			66	Model							2	160	300							
GEL										300	5 1/2 X 16			250							3	528	500								
W.L.										7.2	FC			9.0	DESILTER: Hours Op			8	U. Flow			13	O. Flow			7	4	128	300		
ADDITIVES:										GENERAL:										Weather				Temp		200					
Drilling Line Record										Size	Make	Serial No	No Lines	Trips	Ton Miles	Total Miles	Feet	At Miles	Date	5-72		500	2400	FIRES							
TOUR	MIDNIGHT	8 AM	TOUR	8 AM	TOUR	4 PM	TOUR	4 PM	MIDNIGHT	From	Footage	To	Hrs on Bottom	Wt Drill Pipe	Strands	Singles	DRILL COLLARS	No	OD	ID	Length	Air Wt	Sub Wt	CB	Temp						
										1912	33	1745	6 3/4	50	15	1	15	6 3/4	278	441	300	610									
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.													
	17	8 3/4	S88	3-14	343062	25	30	40	35	7 1/2		1	900	64																	
MUD										8 am	10 am	12 noon	2 am	PUMP			8 am	10 am	12 noon	2 am	PUMP			MOTOR HOURS							
WEIGHT										7.2	No 1			900	No 2							1	168	300							
VISCOSITY										65	Model			64	Model							2	168	300							
GEL										65	5 1/2 X 16			64							3	536	500								
W.L.										8.4	FC			16.0	DESILTER: Hours Op			8	U. Flow				O. Flow			7	4	136	300		
ADDITIVES:										GENERAL:										Weather				Temp		25					
Drilling Line Record										Size	Make	Serial No	No Lines	Trips	Ton Miles	Total Miles	Feet	At Miles	Date	5-72		500	2400	FIRES							
TOUR	MIDNIGHT	8 AM	TOUR	8 AM	TOUR	4 PM	TOUR	4 PM	MIDNIGHT	From	Footage	To	Hrs on Bottom	Wt Drill Pipe	Strands	Singles	DRILL COLLARS	No	OD	ID	Length	Air Wt	Sub Wt	CB	Temp						
										1915	45	1790	7 3/4	50	16	15	6 3/4	278	441	300	610										
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.													
	17	8 3/4	S-88	3-14	343062	30	45	80	15 1/4			1	900	64																	
MUD										4 am	6 am	8 am	10 am	PUMP			4 am	6 am	8 am	10 am	PUMP			MOTOR HOURS							
WEIGHT										7.2	No 1			700	No 2							1	176	300							
VISCOSITY										65	Model			64	Model							2	176	300							
GEL										65	5 1/2 X 16			64							3	544	500								
W.L.										FC	9			DESILTER: Hours Op			8	U. Flow			7	O. Flow			7	4	144	300			
ADDITIVES:										GENERAL:										Weather				Temp		20					
Drilling Line Record										Size	Make	Serial No	No Lines	Trips	Ton Miles	Total Miles	Feet	At Miles	Date	5-72		500	2400	FIRES							

BOP	Tested	Flapped	Pressure	Packing & Seal	Crown & Mat	Fuel on Hand	3000	CASING REPORT	DATE
Mud						Fuel on Hand	59		
Pipe Rms						FUEL USED	11		
Bit Rms									
GENERAL									

LOCATION YT-F-53 SEC TWP RGE W DATE FEB 12 19672
 MAILING POINT PARKIN SHIPPING POINT PARKIN MILES MOVED 2110 ROAD CONDITIONS FAIR

Singles	DRILL No	OD	ID	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.																																																								
	COLLARS																																																																									
	5710	15	6 7/8	278	469	300	810	2	3/4			1	900	64				DRILLING																																																								
<table border="1"> <thead> <tr> <th colspan="4">PUMP</th> <th colspan="4">MOTOR HOURS</th> </tr> <tr> <th>No</th> <th>PREP</th> <th>NO</th> <th>REV</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>1</td> <td></td> <td>160</td> <td>300</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td>1</td> <td></td> <td>160</td> <td>300</td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td>1</td> <td></td> <td>528</td> <td>500</td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td>1</td> <td></td> <td>128</td> <td>300</td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td>1</td> <td></td> <td></td> <td>300</td> <td></td> <td></td> </tr> </tbody> </table>																			PUMP				MOTOR HOURS				No	PREP	NO	REV	1	2	3	4	1		1		160	300			2		1		160	300			3		1		528	500			4		1		128	300			5		1			300		
PUMP				MOTOR HOURS																																																																						
No	PREP	NO	REV	1	2	3	4																																																																			
1		1		160	300																																																																					
2		1		160	300																																																																					
3		1		528	500																																																																					
4		1		128	300																																																																					
5		1			300																																																																					
U. Flow <u>3</u> O. Flow <u>4</u> SURVEYS At Feet <u>110</u> Degrees <u>74</u> Weather <u>12AR</u> Water <u> </u> Temp. <u>30-</u>																																																																										
Total Miles <u>158</u> Feet <u>1150</u> At Miles <u>NEW</u> Date <u>2-5-72</u> Slip <u>500</u> Next Slip <u>2400</u>																																																																										

REMARKS	START	STOP	INVL
FINISH OUT OF HOLE	12:00	12:45	3/4
Rig SER BOB	12:45	1:00	1/4
MUD IN W/ BIT	1:00	1:45	3/4
REAM 1287 TO 1480	1:45	5:00	3/4
WORK STUCK DRILL 1/2	5:00	5:30	1/2
CIRC MIX MUD + CONA TOH + REAM	5:30	6:30	1
FINISH MUD IN W/ BIT	6:30	7:00	1/2
CLEAN 50 FT TO BOTTOM	7:00	7:15	1/4
DRILL	7:15	8:00	3/4
FIRES N/A			

Singles	DRILL No	OD	ID	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.																																																								
	COLLARS																																																																									
	15	6 7/8	278	469	300	810	0	35	7 1/2			1	900	64				DRILL																																																								
<table border="1"> <thead> <tr> <th colspan="4">PUMP</th> <th colspan="4">MOTOR HOURS</th> </tr> <tr> <th>No</th> <th>PREP</th> <th>NO</th> <th>REV</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>1</td> <td></td> <td>168</td> <td>300</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td>1</td> <td></td> <td>168</td> <td>300</td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td>1</td> <td></td> <td>536</td> <td>500</td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td>1</td> <td></td> <td>136</td> <td>300</td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td>1</td> <td></td> <td></td> <td>300</td> <td></td> <td></td> </tr> </tbody> </table>																			PUMP				MOTOR HOURS				No	PREP	NO	REV	1	2	3	4	1		1		168	300			2		1		168	300			3		1		536	500			4		1		136	300			5		1			300		
PUMP				MOTOR HOURS																																																																						
No	PREP	NO	REV	1	2	3	4																																																																			
1		1		168	300																																																																					
2		1		168	300																																																																					
3		1		536	500																																																																					
4		1		136	300																																																																					
5		1			300																																																																					
U. Flow <u> </u> O. Flow <u> </u> SURVEYS At Feet <u> </u> Degrees <u> </u> Weather <u>12AR</u> Water <u> </u> Temp. <u>25</u>																																																																										
Total Miles <u>158</u> Feet <u>1150</u> At Miles <u>NEW</u> Date <u>2-5-72</u> Slip <u>500</u> Next Slip <u>2400</u>																																																																										

REMARKS	START	STOP	INVL
DRILLING 8 3/4" HOLE	8:00	1:30	1/2
2 1/2 SERVE	1:30	2:45	1/4
WORKING 8 3/4" HOLE	2:45	2:15	1/2
WORK ON PUMP	2:15	3:00	3/4
DRILLING 8 3/4" HOLE	3:00	3:45	3/4
WORK ON CHAOWKS AIRLINE	3:45	4:00	1/4
FIRES			

Singles	DRILL No	OD	ID	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.																																																								
	COLLARS																																																																									
	15	6 7/8	278	469	300	810	4	80	15/4			1	900	64				DRILL																																																								
<table border="1"> <thead> <tr> <th colspan="4">PUMP</th> <th colspan="4">MOTOR HOURS</th> </tr> <tr> <th>No</th> <th>PREP</th> <th>NO</th> <th>REV</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>1</td> <td></td> <td>176</td> <td>300</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td>1</td> <td></td> <td>176</td> <td>300</td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td>1</td> <td></td> <td>544</td> <td>500</td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td>1</td> <td></td> <td>144</td> <td>300</td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td>1</td> <td></td> <td></td> <td>300</td> <td></td> <td></td> </tr> </tbody> </table>																			PUMP				MOTOR HOURS				No	PREP	NO	REV	1	2	3	4	1		1		176	300			2		1		176	300			3		1		544	500			4		1		144	300			5		1			300		
PUMP				MOTOR HOURS																																																																						
No	PREP	NO	REV	1	2	3	4																																																																			
1		1		176	300																																																																					
2		1		176	300																																																																					
3		1		544	500																																																																					
4		1		144	300																																																																					
5		1			300																																																																					
U. Flow <u> </u> O. Flow <u> </u> SURVEYS At Feet <u> </u> Degrees <u> </u> Weather <u> </u> Water <u> </u> Temp. <u> </u>																																																																										
Total Miles <u> </u> Feet <u> </u> At Miles <u> </u> Date <u> </u> Slip <u> </u> Next Slip <u> </u>																																																																										

REMARKS	START	STOP	INVL
DRILL 8 3/4" HOLE	4:00	4:15	1/4
DRILL 8 3/4" HOLE	4:15	4:30	1/4
FIRES			

Fuel on Hand 2:30 am	3000	
Fuel Ret. a Today		
TOTAL		
Fuel on Hand 5:59 am	2153	
FUEL USED	847	

EQUIPMENT CHANGES	DRILLER'S SIGNATURE	TRANSFER TO
DAYS FROM SPUD	TOTAL COMPANY TIME	TOTAL CONTRACTOR'S TIME
GENERAL	Approved by Operator's Representative	Approved by Toolpusher

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTION TO WELL

RIG NO 24 LOCATION YF-E 53
MAILING POINT PARKIN

SHIPPING POINT PARKIN
LSD SEC TWP MILES MOVED

From	Footage	To	Hrs on Bottom	Wt Drill Pipe (1000 lb)	Stands	Singles	DRILL COLLARS	No	O.D.	I.D.	Length	Air Wt	Sub Wt	CB #			
1830	7	1848	7 1/4	48	14	1	SM 15	6 7/8	2 1/4		464	300		924			
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.
16	8 1/4	XOV	3-13	38429	5-8	30-35	18	5	5	1	900	64		REAM			
						45	18	5	5		950	62		DRILL			

REAM RATE
RIG SER
REAM RATE
18 1/4

MUD	12 in	2 am	4 am	6 am	PUMP	12 in	2 am	4 am	6 am	PUMP	12 in	2 am	4 am	6 am	MOTOR HOURS	Next Chan
WEIGHT	77	77	77	77	No 1	1000				No 2	1140				1 136	300
VISCOSITY	60	60	60	60	500	5 1/2	8			250	100				2 136	300
GEL															3 504	500
W.L.	8	FC		pH 7.3	DESILTER	Hours Op	8	U Flow	10.5	O Flow	9.1				4 104	300
ADDITIVES:	GRA - 10 Bags		GENERAL:		RESERVE TANK 118" 12:01 AM 1600 18										5	300
	CAUSTIC - 2 Bags				RIG TANK 1565 GALS											300
	CHECK BOLTS ON BOP'S FLANGES & T-RASING BOWL															

Drilling Line Record	Size	Make	Serial No	No Laps	Trips	Ton Miles	Total Miles	Feet	At Miles	Date	Next Chan
T	1 1/2	W.R.	1-3707	8			128	1150	NEW	2-5-72	500 2400

FIRE SN
DRILLING
18 1/4
KILLING

From	Footage	To	Hrs on Bottom	Wt Drill Pipe (1000 lb)	Stands	Singles	DRILL COLLARS	No	O.D.	I.D.	Length	Air Wt	Sub Wt	CB #			
1848	39	1887	7 1/2	48	14	2	15	6 7/8	2 1/4		704	300		924			
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.
16	8 1/4	XOV	3-13	38429	5-8	45	57	5	5	1	900	60		DRAG			

MUD	8 am	10 am	12 noon	2 pm	PUMP	8 am	10 am	12 noon	2 pm	PUMP	8 am	10 am	12 noon	2 pm	MOTOR HOURS	Next Chan
WEIGHT		9.1	9.1	9.1	No 1	1000	900	900	900	No 2	ON HAND				1 144	300
VISCOSITY		60	60	60	500	5	60	60	60	250	100				2 144	300
GEL															3 512	500
W.L.	8.6	FC		pH 9.5	DESILTER	Hours Op	8	U Flow	10.5	O Flow	9.1				4 112	300
ADDITIVES:	CEL - 1000 #		GENERAL:												5	300

Drilling Line Record	Size	Make	Serial No	No Laps	Trips	Ton Miles	Total Miles	Feet	At Miles	Date	Next Chan
T	1 1/2	W.R.	1-3707	8			28	150	NEW	2-5-72	500 2400

FIRE
DRILLING
18 1/4
KILLING

From	Footage	To	Hrs on Bottom	Wt Drill Pipe (1000 lb)	Stands	Singles	DRILL COLLARS	No	O.D.	I.D.	Length	Air Wt	Sub Wt	CB #			
1887	23	1910	5	62	15		15	6 7/8	2 1/4		404	300		924			
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.
16	8 1/4	XOV	3-13	38429	5-8	45-50	80	17 1/2	23	5	1	900	60		7	1	1

MUD	4 pm	6 pm	8 pm	10 pm	PUMP	4 pm	6 pm	8 pm	10 pm	PUMP	4 pm	6 pm	8 pm	10 pm	MOTOR HOURS	Next Chan
WEIGHT	73	73	73	73	No 1					No 2					1 152	300
VISCOSITY					500					250					2 144	300
GEL															3 512	500
W.L.		FC		pH 7.3	DESILTER	Hours Op	8	U Flow	10.5	O Flow	9.1				4 112	300
ADDITIVES:	WATER		GENERAL:												5	300

Drilling Line Record	Size	Make	Serial No	No Laps	Trips	Ton Miles	Total Miles	Feet	At Miles	Date	Next Chan
T	1 1/2	W.R.	1-3707	8			28	150	NEW	2-5-72	500 2400

FIRE
DRILLING
18 1/4
KILLING

BOP	Trips	Elapsed Time	Prev. Trip	Parking & Seal	Check & not	Fuel on Hand	1565	CASING REPORT	GENERAL

CONSERVATION BOARD COPY

LOCATION **YT-E 53** LSD SEC TWP RGE W DATE **FEB 11** 1967
 MAILING POINT **PARKIN** SHIPPING POINT **PARKIN** MILES MOVED **2110** ROAD CONDITIONS **FAIR**

Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt.	Sub Wt.	CB Ft.	ft. on Spud	
1	5 1/2	15	6 7/8	2 7/8	464	3.00	964			
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
18	5 1/2	5	1	900	64		REPM			
				950	62		DRILL			

PUMP				MOTOR HOURS				Next Chan.
No. 2	PREC. SUVE	100		1	136	300		
MODEL	5 1/2	HOLL		2	136	300		
250				3	504	500		
				4	104	300		
				5		300		

U. Flow **150** O. Flow **7** SURVEYS At Feet Degrees

TANK 118" 12.01 AM. 1600 **18**

K 1565 GALS **15 Bowh**

Weather **15** Water **200**

Total Miles **128** Feet **1150** Cut **NEW 2-5-72** Date **500** Next **2400**

REMARKS

Beam Rat Hole
 R. & S.R.
 Beam Rat Hole To 1830
 Drain 8 3/4 Hole To 1830

START	STOP	INTV.
12:00	1:00	1
1:00	1:25	1/4
1:25	2:45	1 1/2
2:45	8:00	5 1/4

FIRESMAN *Rayle Johnson* DRILLER'S SIGNATURE

Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt.	Sub Wt.	CB Ft.	ft. on Spud	
2	15	6 7/8	2 7/8	464	3.00	964				
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
57	6 7/8	5	1	900	60		DRAG.			

PUMP				MOTOR HOURS				Next Chan.
No. 2	PREC. SUVE	100		1	144	300		
MODEL	5 1/2	HOLL		2	144	300		
250				3	512	500		
				4	112	300		
				5		300		

U. Flow **10.5** O. Flow **9.1** SURVEYS At Feet Degrees

180

Weather **OVERCAST** Water

Temp **-15**

Total Miles **23** Feet **1150** Cut **NEW 2-5-72** Date **500** Next **2400**

DRILLING 8 3/4" HOLE
 SURVEY TO 1850'
 TO SERVICE V. AUTOMATIC
 DRILLING 8 3/4" HOLE.

START	STOP	INTV.
8:00	1:05	1 1/4
1:05	10:00	1/4
10:00	10:55	1/4
10:55	4:00	5 3/4

FIRESMAN *John Melton* DRILLER'S SIGNATURE

Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt.	Sub Wt.	CB Ft.	ft. on Spud	
80	15	6 1/2	2 3/8	400	3.00	964				
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
17 1/2	23	5	1	900	60		7	1	1	

PUMP				MOTOR HOURS				Next Chan.
No. 2	PREC. SUVE	100		1	152	300		
MODEL	5 1/2	HOLL		2	144	300		
250				3	528	500		
				4	120	300		
				5		300		

U. Flow **11** SURVEYS At Feet Degrees

Weather

Temp

Total Miles **23** Feet **1150** Cut **NEW 2-5-72** Date **500** Next **2400**

DRILLER'S SIGNATURE

DRILLER'S SIGNATURE

DRILLER'S SIGNATURE

<input checked="" type="checkbox"/> Fuel on Hand	1565	<input type="checkbox"/> CASING REPORT	<input type="checkbox"/> EQUIPMENT CHANGES	<input type="checkbox"/> DRILLER'S SIGNATURE	<input type="checkbox"/> TRANSFER
<input checked="" type="checkbox"/> Fuel Rev. d Today		<input type="checkbox"/> AB USED	<input type="checkbox"/> DAYS FROM SPUD	TOTAL COMPANY TIME	TOTAL CONTRACTOR'S TIME
<input checked="" type="checkbox"/> Fuel on Hand		<input type="checkbox"/> CEMENT RETURNS	<input type="checkbox"/> GENERAL	Approved by Operator's Representative	Approved by Toolpusher

COPY

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO **24** LOCATION **Y.T.E. 53**
MAILING POINT **PARKIN** SHIPPING POINT **PARKIN**
MILES MOVED

From	Footage	To	Hrs on Bottom	Wt Drill Pipe (1000 lbs)	Stands	Singles	DRILL COLLARS	No	OD	ID	Length	Air Wt	Sub Wt	CB Ft
1797	1804	1812	2/14	116	14		5	15	6 3/4	2 3/4	46.01			17

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.
14	8 7/16	5/8	3-14	343062	25	90-50	100	8			1	850	66		1	1	1
15	5CH 6 7/16	6		71A51	6-8	60	5	12			1	750	47		RUNNING		

MUD	2m	2am	4am	6am	PUMP	12m	2am	4am	6am	PUMP	12m	2am	4am	6am	MOTOR HOURS
WEIGHT															1 112 300
VISCOSITY															2 112 300
GEL															3 480 500
W.L.	FC		pH 7.5		DESILTER	Hours Op.		U Flow		O Flow		SURVEYS	At Feet	Degrees	4 80 200
ADDITIVES:	GEL - 500				GENERAL:	STRAP 1826.77 BOARD 1824.68 CORR. 2.09							Temp.	25-	200

Drilling Line Record	Size	Make	Serial No.	No Lines	Trips	Ton Miles	Total Miles	Feet	At Miles	Date	Start	Stop	Temp
1	WR-3117		03107	8	1	28	120	1150	NEW	2-5-72	500	2400	2400

From	Footage	To	Hrs on Bottom	Wt Drill Pipe (1000 lbs)	Stands	Singles	DRILL COLLARS	No	OD	ID	Length	Air Wt	Sub Wt	CB Ft
1812	18	1850	7/9A	48M	13	1	15	6 7/8	2 7/8	46.4			300	604

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.
15	5CH 6 7/16	8	-	71A51	8M	75	23	9			1	800	45		HAIST		

MUD	8am	10am	12noon	2am	PUMP	8am	10am	12noon	2am	PUMP	8am	10am	12noon	2am	MOTOR HOURS
WEIGHT	7	9.2	9.5	7.2		800	800	800	800		1100	1100	1100	1100	1 120 300
VISCOSITY	80	81	75			45	45	45	45		400	400	400	400	2 120 300
GEL						500	5/2	X15			230				3 488 500
W.L.	FC		pH		DESILTER	Hours Op.		U Flow		O Flow		SURVEYS	At Feet	Degrees	4 88 300
ADDITIVES:	10 bags Del				GENERAL:	PUT ICH #3 OIL IN TAIL TANK. 1 gal							Temp.		5 88 300

Drilling Line Record	Size	Make	Serial No.	No Lines	Trips	Ton Miles	Total Miles	Feet	At Miles	Date	Start	Stop	Temp
1	WR-3117		03107	8		28	120	1150	NEW	2-5-72	500	2400	2400

From	Footage	To	Hrs on Bottom	Wt Drill Pipe (1000 lbs)	Stands	Singles	DRILL COLLARS	No	OD	ID	Length	Air Wt	Sub Wt	CB Ft
3331				46M	14	0	15	2 7/8	2 7/8	46.01			300	

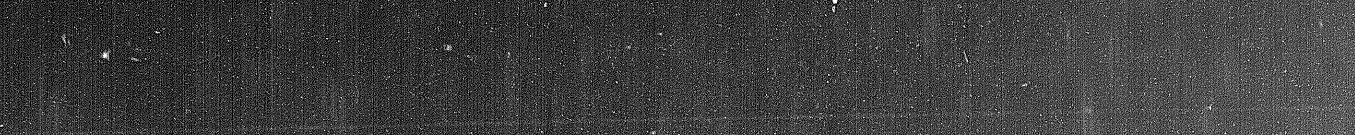
No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
16	5" A XDV	3/13	38424	8	50-60			11	2 1/2		1	900	60		REAMING		

MUD	4am	6am	8pm	10pm	PUMP	4am	6am	8pm	10pm	PUMP	4am	6am	8pm	10pm	MOTOR HOURS
WEIGHT				9.0							900				1 128 300
VISCOSITY				60							60				2 128 300
GEL															3 496 500
W.L.	FC		pH		DESILTER	Hours Op.	8	U Flow		O Flow		SURVEYS	At Feet	Degrees	4 96 300
ADDITIVES:					GENERAL:								Temp.	25-	200

Drilling Line Record	Size	Make	Serial No.	No Lines	Trips	Ton Miles	Total Miles	Feet	At Miles	Date	Start	Stop	Temp
1	WR-3117		03107	8	1	28	120	1150	NEW	2-5-72	500	2400	2400

B.O.P.	Tested	Elapsed Time	Press. Rate	Packing & Seal	Clean & Tight	Fuel on Hand	20 gal	CASING REPORT
						1126		

TOTCO RING ON BIT	Boiler Operated	10.5	Fuel on Hand	14.5	FUEL USED	14.5	GENERAL



24 LOCATION VT. E-53 LSC SEC TWP RGE W DATE Feb 10 1982
 MAILING POINT PARKIN SHIPPING POINT PARKIN MILES MOVED 2170 ROAD CONDITIONS FAIR

Drills	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	CB Ft.	Flow on	
		5	1490	15	6 3/4	2 3/8	464.01		10	17	
	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
	1005	8			1	850	66		1	1	1
	5	1 1/2			1	750	47				
PUMP											
No. 2 PREP SURF 200											
MODEL 6											
VELOCITY 250											
U. Flow: O. Flow:											
SURVEYS											
At Feet Degrees											
4 80 300											
5 80 300											
Weather: CLEAR Water:											
Temp: 25- 200 Sp.											
Total Miles: 120 Slip of Cut: 1150 At Miles: NEW 2-5-72 Date Slip of Cut: 500 Next Slip: 2400											

REMARKS	START	STOP	INTVL
DRAINING	12:00	12:30	3/4
CIRC TO WIRE (600 REQUEST)	12:40	1:10	1/4
BLOW KELLY - RIG SERVICE	1:40	2:00	1/4
HOIST - SERVICE MEASURE	2:00	2:20	1/4
PUT UP CORE BBL - MAKE UP	2:20	2:50	1/2
RUN IN W 13" BBL	4:15	5:40	1 1/2
CIRC + GRAP BALL	5:40	6:20	3/4
CUTTING CORE # 7	6:00	8:00	1 1/2
FIRES			
Kenneth A. Beem DRILLER'S SIGNATURE			

Drills	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	CB Ft.	Flow on	
		15	6 3/4	2 3/8	464.01		300		6.64		
	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
	23	9			1	800	45				
PUMP											
No. 2 PREP SURF 1100											
MODEL 6											
VELOCITY 250											
U. Flow: 11 O. Flow: 9											
SURVEYS											
At Feet Degrees											
4 88 300											
5 88 300											
Weather: CLEAR Water:											
Temp: 25- 200 Sp.											
Total Miles: 120 Slip of Cut: 1150 At Miles: NEW 2-5-72 Date Slip of Cut: 500 Next Slip: 2400											

REMARKS	START	STOP	INTVL
CUTTING CORE # 7	8:00	8:30	1/4
RIG SER	8:30	3:45	1/4
BLOW KELLY + STAND BACK	3:45	4:00	1/4
FIRES			
Ryle Jensen DRILLER'S SIGNATURE			

Drills	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	CB Ft.	Flow on	
		15	6 3/4	2 3/8	464.01		300		0		
	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
	60	11	2 1/2	1	900	60					
PUMP											
No. 2 PREP SURF 1100											
MODEL 6											
VELOCITY 250											
U. Flow: 13 O. Flow: 10											
SURVEYS											
At Feet Degrees											
4 96 300											
5 96 300											
Weather: CLEAR Water:											
Temp: 25- 200 Sp.											
Total Miles: 128 Slip of Cut: 1150 At Miles: NEW 2-5-72 Date Slip of Cut: 500 Next Slip: 2400											

REMARKS	START	STOP	INTVL
HOIST	4:20	5:15	1/4
REVERSE CORE # 7	5:15	6:15	1
SERVICE CORE BARREL + STD IN DECK	6:15	6:45	1/2
RIG SERVICE - MAKE UP BIT	6:45	7:00	1/4
CHANGE TOOLING D500	7:00	7:20	1/4
CHECK VALVES - SAME	7:20	7:45	1/4
RUN IN W 13" BBL	7:45	1:10	1 1/4
BREAK BBL - CLEAN TO TOP	1:10		
OF ANT HOLE		9:30	1/2
REAMING ANT HOLE TO 8 3/4	7:30		
FIRES			
John Melaney DRILLER'S SIGNATURE			

FUEL USED	CASING REPORT	EQUIPMENT CHANGES	TRANSFER
Fuel on Hand (2:00 a.m.) 11026 gal.	PAN 15 CSG		
Fuel Rel. a Today (add)			
TOTAL	KB USED	CEM	
Fuel on Hand (5:00 p.m.) 10665 gal.	PLUS	DAYS FROM SPUD	TOTAL COMPANY TIME HRS
FUEL USED	CEMENT RETURNS - YES NO	GENERAL: -	TOTAL CONTRACTOR'S TIME HRS
Approved by Operator's Representative			
Approved by Toolpusher: Ryan G. [Signature]			

COPY
 6P-17

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO **24** LOCATION **17 E 53**
MAILING POINT **PARKIN**

SHIPPING POINT **PARKIN**
LSD SEC IWP RO MILES MOVED

From	Footage	To	Hrs on Bottom	Wt Drill Pipe (1000 lbs)	Stands	Singles	DRILL COLLARS	No	O.D.	I.D.	Length	Air Wt	Sub Wt	C.B.H.	T	B.	G.																																																																																																												
1701				48M	13	-	15 6 3/4	2 3/8	46 1/2						300	29																																																																																																													
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RUN IN
1740 OF
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Drilling Line Record	Size	Make	Serial No	No Lugs	Trips	Ton Miles	Total Miles	Feet of Cut	At Miles	Date	Next	Feet of Cut	At Miles	Date	Next	Feet of Cut	At Miles																																																																																																												
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FIRES
CASING REPORT
FUEL USED
CEMENT RETURNS

B.O.P.	Trips	Elapsed Time	Pressure	Parking & Seat	Clean a mot	Fuel on Hand	2312	CASING REPORT	FAN
Drill						Fuel Rec'd	6000	TOTAL	21136
Pipe Rams						Fuel on Hand		FUEL USED	
Bind Rams								CEMENT RETURNS	YES NO
TOFCO RING ON BIT: Boilers Operated: 7 Hrs: 7 Fire Equip Chkd:									

LOCATION **Y-E 53** LSD SEC TWP RGE W DATE **FEB 9 1962**
 MAILING POINT **PARKIN** SHIPPING POINT **PARKIN** MILES MOVED **2170** ROAD CONDITIONS **FAIR**

Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Fr. on	
-	15	6 3/4	2 3/8	464			300	29		
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
							4	1	1	

REMARKS	TIME		
	START	STOP	INVTL
HOIST OUT (DOUBLE MEASURE)	12:00	1:15	1 1/4
MAKE UP DST # 2, 1	1:15	3:00	1 3/4
RUN IN W/ DST	3:00	4:15	1 1/4
HEAD UP + SEAT PACKERS	4:15	5:00	3/4
TESTING	5:00	8:00	3

PUMP		MOTOR HOURS	
No. 2	PREP. TIME	1	2
		88	300
		88	300
		456	500
		56	300
		56	300

REMARKS	TIME		
	START	STOP	INVTL
HOIST OUT (DOUBLE MEASURE)	8:00	8:15	1/4
HAID DOWN FAST HEAD + HOIST OUT	8:15	10:15	2
RECOVER RE - HAY DOWN TACKS	10:15	11:15	1
WAIT ON ORDERS	11:15	1:00	1 3/4
RUN IN W/ BIT # 14	1:00	2:00	1
TAW OUT STAND PIPE	2:00	4:00	2

Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Fr. on	
1	15	6 7/8	2 7/8	464			300	29		
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
99	7 1/4			7	850	66				

REMARKS	TIME		
	START	STOP	INVTL
PREPARING BIT TO STM	4:00	4:30	1/2
DRILLING 3 3/4" HOLE	4:30	8:30	4
RIG SERVICE	8:30	8:45	1/4
DRILLING 3 3/4" HOLE	8:45	10:00	3/4

PUMP		MOTOR HOURS	
No. 2	PREP. TIME	1	2
		104	300
		104	300
		472	500
		72	300
		72	300

REMARKS	TIME		
	START	STOP	INVTL
DRILLING 3 3/4" HOLE	8:45	10:00	3/4

FUEL ON HAND	FUEL USED	CEMENT RETURNS
2318 gals	2000 gals	
TOTAL	1818 gals	211036

EQUIPMENT CHANGES	DRILLER'S SIGNATURE	TRANSFER TO
	<i>Life...</i>	

COPY

APPROVED BY OPERATOR'S REPRESENTATIVE
 APPROVED BY TOOLPUSHER

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO 24 LOCATION VT. E-53
SOUTH 25 EAST PARKIN YUKON MAILING POINT PARKIN

SHIPPING POINT PARKIN
LSD SEC TWP MILES MOVED

TOUR	MIDNIGHT	8 AM	4 PM	MIDNIGHT	From	Footage	To	Hrs on Bottom	Wt Drill Pipe	Stands	Singles	DRILL COLLARS			No	OD	ID	Length	Air Wt	Sub. Wt	C.B. Ft	Fires	
					1658	19	1677	48	4	12	15	6 3/8	2 3/8	46901	3.00	22501							
B	T	S	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.	RECOVER		
			12	6 3/4	D		71A52	6	50	57	16 1/4				1	800	48						FAIR
MUD		12 mn	2 am	4 am	6 am	PUMP		12 mn	2 am	4 am	6 am	PUMP		MOTOR HOURS									
WEIGHT		9.4	7.6	7.6		No 1	800	300	800	No 2	ON	400	300	1	64	300							
VISCOSITY		70	66			MODEL	43	48	48	MODEL				2	64	300							
GEL							500	3 1/2 x 16						3	432	500							
W.L.			FC	10	pH	9.0	DESILTER		Hours Op	U. Flow	O. Flow	SURVEYS		4	32	300							
ADDITIVES:			GENERAL:		1600		18		5		32	300	Weather		Water								
Drilling Line Record	Size	Make	Serial No.	No Logs	Trips	Ton Miles	Total Miles	Feet of Cut	At Miles	Date	Next	Feet on Sp	Fires										
1	WRIGHT		0-3707	8	12	42	1130	1130	2-5-72	500	2400												
From	Footage	To	Hrs on Bottom	Wt Drill Pipe	Stands	Singles	DRILL COLLARS			No	OD	ID	Length	Air Wt	Sub. Wt	C.B. Ft	Fires						
1620	22	1642	514	48	12	1	15	6 3/8	2 3/8	46901	3.00	2514											
B	T	S	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.	FINISH RECORD DRILLING RUN IN W/REAM PATA		
			13	8 3/4	XOV	3-13	37008	5.8	44		22	5 1/4	1	900	54							REAMING RAT HOLE	
MUD		8 am	10 am	12 noon	2 pm	PUMP		8 am	10 am	12 noon	2 pm	PUMP		MOTOR HOURS									
WEIGHT		7.2	7.2	9.2	7.2	No 1	100	700	700	No 2	1100	300	1	72	300								
VISCOSITY		63	70	75		MODEL	54	54	54	MODEL				2	72	300							
GEL							5 1/2 x 16							3	440	500							
W.L.			FC		pH	DESILTER		Hours Op	U. Flow	O. Flow	SURVEYS		4	40	300								
ADDITIVES:		GEL & SAK		GENERAL:		FUEL ON HAND		5036-941		1600		18		5		40	300						
		CAUSTIC LEAK				STARTED DESILTER		FEB 8/72								Temp		100					
Drilling Line Record	Size	Make	Serial No.	No Logs	Trips	Ton Miles	Total Miles	Feet of Cut	At Miles	Date	Next	Feet on Sp	Fires										
1	WRIGHT		0-3707	8	12	54	1130	1130	2-5-72	500	2400												
From	Footage	To	Hrs on Bottom	Wt Drill Pipe	Stands	Singles	DRILL COLLARS			No	OD	ID	Length	Air Wt	Sub. Wt	C.B. Ft	Fires						
1677	24	1701	6 1/4	48	13	0	15	6 3/8	2 3/8	46901	3.00	24											
B	T	S	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.	REMAINING 7-16-77 DRILLING DOWN LEAK		
			13	6 3/4	XOV	3-13	37008	6.8	55		57	8 1/4		800	63							4	I	I
MUD		4 pm	6 pm	8 pm	10 pm	PUMP		4 pm	6 pm	8 pm	10 pm	PUMP		MOTOR HOURS									
WEIGHT				9.0	9.0	No 1	100	7	900	900	No 2	1100	300	1	80	300							
VISCOSITY				70	75	MODEL	63	63	63	MODEL				2	80	300							
GEL							7	63	63					3	448	500							
W.L.			FC		pH	9.5	DESILTER		Hours Op	U. Flow	O. Flow	SURVEYS		4	48	300							
ADDITIVES:		3/4 STREAM WATER		GENERAL:		LAYED DOWN 2 SINGLES.										Temp		100					
		GEL - 1100				15 SK. FERTILIZER																	
Drilling Line Record	Size	Make	Serial No.	No Logs	Trips	Ton Miles	Total Miles	Feet of Cut	At Miles	Date	Next	Feet on Sp	Fires										
1	WRIGHT		15757	3	17	1130	1130	1130	472	2-5-72	500	2400											

B.O.P.	Tested	Elapsed Time	Pressure	Packing & Seal Inspected Date	Cross-Check	Fuel on Hand	CASING REPORT	GENERAL
						5036		
Hydrant					Ra Savers			
Plug Rams					News Creek			
Blind Rams								
TOTCO RING ON BIT						FUEL USED		

CONSERVATION BOARD COPY 11/25

LOCATION VT. E-53 LSD SEC TWP RGE W. DATE FEB 8 1967
 MAILING POINT PARKIN SHIPPING POINT PARKIN MILES MOVED 2170 ROAD CONDITIONS FAIR

Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Feet on Sp.	
		15	6 3/8	2 3/8	46401		3.00	7250	1711	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
57	16 1/4			1	800	48		FAIR		

REMARKS	TIME		
	START	STOP	INTVL
CUTTING CORE # 6	12:00	5:15	5 1/4
BLANK LINE & HOIST	5:15	6:45	1 1/2
RECOVER CORE	6:45	8:00	1 1/4

PUMP				MOTOR HOURS			
8:00	48	No. 2	ON PUMP	1	64	300	
				2	64	300	
				3	432	500	
				4	32	300	
				5	32	300	

FINISH RECOVER CORE + SURCORE BB + STAND IN MARK
 RIG SER + RIG SAVER + BOIS
 RUN IN W/ BIT # 12
 REAM RAT HOLE FROM 1620 TO 1612

Total Miles 412 Slip 1150 Feet of Cut 4 1/2 At Miles 4 1/2 Date Slip or Cut 2-7-72 Next Slip 500 Feet on Sp. 2400

DRILLER'S SIGNATURE Kenneth A. Brown

Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Feet on Sp.	
1		15	6 7/8	2 7/8	46401		3.00	7514		
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
	22 1/2	5 1/4		1	900	54		REAMING		
								RAT HOLE		

REMARKS	TIME		
	START	STOP	INTVL
FINISH RECOVER CORE + SURCORE BB + STAND IN MARK	8:00	9:00	1
RIG SER + RIG SAVER + BOIS	9:00	9:15	1/4
RUN IN W/ BIT # 12	9:15	10:45	1 1/2
REAM RAT HOLE FROM 1620 TO 1612	10:45	4:00	5 1/4

PUMP				MOTOR HOURS			
9:00	54	No. 2	MOD ROLL	1	72	300	
				2	72	300	
				3	440	500	
				4	40	300	
				5	40	300	

Hand 5036-9411600
 DESIATER FEB 8/72

Total Miles 54 Slip 1150 Feet of Cut NEW At Miles 2-5-72 Date Slip or Cut 500 Next Slip 2400 Feet on Sp. 2400

DRILLER'S SIGNATURE Paul Brown

Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Feet on Sp.	
0		15	6 7/8	2 7/8	46401		3.00	27		
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
57	24	5 1/4	8 1/4		900	63		4	I	I
					950	63				

REMARKS	TIME		
	START	STOP	INTVL
REAMING 162' HOLE FROM 1642'			4:00
TO 1617'			7:30
DRILLING 334' HOLE	7:30	10:15	2 3/4
GOOD SAMPLE CONDITION 10'			11:15
HOLE TO TEST			1:30
SLOW REAM - 1015' OUT			1:30
DOUBLE MEASURE OUT			1:30

PUMP				MOTOR HOURS			
9:00	63	No. 2	MOD R	1	80	300	
				2	80	300	
				3	448	500	
				4	48	300	
				5	48	300	

DOWN 2 SINGLES.

Total Miles 57 Slip 1150 Feet of Cut NEW At Miles 3-5-72 Date Slip or Cut 500 Next Slip 2400 Feet on Sp. 2400

DRILLER'S SIGNATURE Paul Brown

PUMP				MOTOR HOURS			
9:00	63	No. 2	MOD R	1	80	300	
				2	80	300	
				3	448	500	
				4	48	300	
				5	48	300	

DRILLER'S SIGNATURE Paul Brown

CASING REPORT			
Fuel on Hand	81 gal	5736 gal	
Fuel Rec'd Today	0 gal		
TOTAL	81 gal		
Fuel on Hand	39 gal		
FUEL USED	42 gal		

EQUIPMENT CHANGES		TRANSFER #	
CSG			
CEM			
DAYS FROM SPUD		TOTAL COMPANY TIME	TOTAL CONTRACTOR'S TIME
		HRS	HRS

GENERAL

Approved by Operator's Representative
 Approved by Toolpusher

COPY 11638

SP-50

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO **24** LOCATION **VTE 53**
MAILING POINT **PARKIN**

SHIPPING POINT **PARKIN** LSP SEC TWP MILES MOVED

SOUTH, 25 EAST PARKIN

From	Footage	To	Hrs on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub Wt.	C.B. Ft.	Temp. on Bit
1620				46	12		15	16 3/4	2 1/8	4 1/4	1174			2100	1174

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.
11	8 3/4	XOV	2-16	37008	CLEANED OUT	MOLES	14	1342	1620	1	1000	54					

From	Footage	To	Hrs on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub Wt.	C.B. Ft.	Temp. on Bit
1620	10	1630		4834	11	1	15	6 7/8	2 1/8	4 1/4	401			21.50	15.64

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	6 7/8	NEW	71A-02	6M	50	10	3M				1	700	49				CORE

From	Footage	To	Hrs on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub Wt.	C.B. Ft.	Temp. on Bit
1630	28	1658		7 1/4	11	2	15	6 7/8	2 1/8	4 1/4	443			21.50	8

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	6 3/16	NEW	71A-02	6M	56	38	11				1	800	48				CORING

From	Footage	To	Hrs on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub Wt.	C.B. Ft.	Temp. on Bit
1630	28	1658		7 1/4	11	2	15	6 7/8	2 1/8	4 1/4	443			21.50	8

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	6 3/16	NEW	71A-02	6M	56	38	11				1	800	48				CORING

From	Footage	To	Hrs on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub Wt.	C.B. Ft.	Temp. on Bit
1630	28	1658		7 1/4	11	2	15	6 7/8	2 1/8	4 1/4	443			21.50	8

FINISH TO
LINE 1114
SHOW LINES
DC + RIN
CIRC TO
BROAD LINE
PICK UP C
OUT 31

FIRES NIK
Rig SUR
SER C
RUN IN W/C
CIRC
CUTTING COA

CUTTING B
RIG SERVICE
WORK DONE
CONNECTION

FIRES NIK

MUD										PUMP										PUMP										MOTOR HOURS									
WEIGHT	87	No. 1	1000	1000	No. 2	200	1	56	300	2	56	300	3	424	300	4	24	300	5	24	300	Temp.	80	200															
VISCOSITY	92	MODEL	34	54	MODEL	49	450	432	500	432	300	432	300	332	300	332	300	332	300	332	300	Weather	Clear	Water															
GEL	500	DESILTER	Hours Op	U Flow	O Flow	SURVEYS	At Feet	Degree	1600	18	1600	18	1600	18	1600	18	1600	18	1600	18	1600	18	1600	18															
ADDITIVES:		800 = GEL		GENERAL:		RIG SERVICE WHITE CIRC.		87" FUEL RES. TANK.		STRAIN WATER FOR VOLUME: 122 GAL. FUEL-RIG TANK																													
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Feet of Cut	At Miles	Date	Slip or Cut	Next Slip	Feet of Cut	Temp	Bar	Bar	Bar	Bar	Bar	Bar	Bar	Bar	Bar	Bar	Bar														
1	WRIGHT	03707	8	1	5	5	1150	New	2-5-72	500	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400														

LOCATION YTE 53 SEC. 15 TWP. 21 RGE. 7 W. DATE FEB 7 1982
 MAILING POINT PARKIN SHIPPING POINT PARKIN MILES MOVED 2170 ROAD CONDITIONS FAIR

Stand	Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt.	Sub. Wt.	CB Ft.	Wt. on Slip	
2		15	6 3/4	2 1/8	46 1/2				2100	1774	
M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
0	OUT MOLE	14	1343'	1620	1	1000	54				
PUMP		MOTOR HOURS		SURVEYS		U. Flow		O. Flow		At Miles	
0 am	4 am	6 am	12 mn	2 am	4 am	6 am	1	56	300		
54								2	56	300	
								3	424	500	
								4	24	300	
								5	24	300	
U. Flow		O. Flow		SURVEYS		At Miles		Date Slip or Cut		Next Slip	
SERVICE WHILE CIRC.		FUEL RES. TANK.		FUEL RIG TANK		1600		48		2-3-72	
Total Miles		Feet of Cut		At Miles		Date Slip or Cut		Next Slip		Fr. on Slip	
5		1150		NEW		2-3-72		500		2400	

REMARKS
 FINISH TO CLEAN 350' FT TO 307 12"
 CIRC 1 HR (ENG. REQUEST.)
 BLOW LINES, HOIST OUT TO
 DC. + RUN IN
 CIRC TO CORE
 BLOW LINES + HOIST OUT
 PICK UP CORE BBL + THAW
 OUT SAME MAKE UP BIT.
 FIRES NIL
 DRILLER'S SIGNATURE James A. Boon

START	STOP	INVT
2:15	2:24	
2:15	2:15	
3:15	3:15	
5:00	5:00	
6:00	6:00	
7:15	7:15	
8:00	8:00	

Stand	Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt.	Sub. Wt.	CB Ft.	Wt. on Slip	
1		15	6 3/8	2 7/8	40 1/2				21.50	15.64	
M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
0	10	34			1	300	49				
PUMP		MOTOR HOURS		SURVEYS		U. Flow		O. Flow		At Miles	
0 am	12 noon	2 am	8 am	10 am	12 noon	2 am	1	64	300		
115								2	64	300	
								3	432	500	
								4	32	300	
								5	32	300	
U. Flow		O. Flow		SURVEYS		At Miles		Date Slip or Cut		Next Slip	
5		1150		NEW		2-3-72		500		2400	

REMARKS
 RIG SER + BOTS CROWN + MISC
 SER CORE BBL.
 RUN IN W/CORE BBL (VERY SLOWLY)
 BARGING - CLEAN 4' OF FILL BBL + 10'
 CIRC REQUEST ENG.
 CUTTING CORE NO. 6
 FIRES NIL
 DRILLER'S SIGNATURE Raymond

START	STOP	INVT
8:00	8:15	
8:15	9:00	
9:00	10:45	
11:45	12:15	
12:15	4:00	

Stand	Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt.	Sub. Wt.	CB Ft.	Wt. on Slip	
1		15	6 3/8	2 7/8	40 1/2				21.50	8	
M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
0	38	11			1	800	48				
PUMP		MOTOR HOURS		SURVEYS		U. Flow		O. Flow		At Miles	
0 am	8 am	8 pm	4 am	6 am	8 am	6 am	1	72	300		
400	300	800						2	72	300	
47	48	48						3	240	300	
								4	40	300	
								5	40	300	
U. Flow		O. Flow		SURVEYS		At Miles		Date Slip or Cut		Next Slip	
30		1150		NEW		2-3-72		500		2400	

REMARKS
 CUTTING CORE # 6
 RIG SERVICE
 WORK CORE ST TO BIT ON
 CONNECTION
 CUTTING CORE # 6
 FIRES NIL
 DRILLER'S SIGNATURE John M. Blaney

START	STOP	INVT
4:00	6:45	
6:45	7:00	
7:00	7:30	
7:30	10:00	

FUEL ON HAND		FUEL USED		TOTAL	
12 3/4	0.00	59 1/2	0.00	72	0.00
FUEL ON HAND		FUEL USED		TOTAL	
12 3/4	0.00	59 1/2	0.00	72	0.00

EQUIPMENT CHANGES
 TRANSFER TO
 DAYS FROM SPUD
 TOTAL COMPANY TIME
 TOTAL CONTRACTOR'S TIME

CEMENT RETURNS		GENERAL	
YES	NO	YES	NO

APPROVED BY
 OPERATOR REPRESENTATIVE
 APPROVED BY
 TOOLPUSHER

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

LOG 5 SOUTH, 25 EAST, PARKIN

RIG NO 24

LOCATION VTE 52

MAILING POINT PARKIN

SHIPPING POINT

PARKIN

LSD SEC TWP RGM MILES MOVED

From	Footage	To	Hrs on Bottom	Wt Drill Pipe (1000 lbs)	Stands	Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt	Sub Wt	CB Ft
1620				50	12		15	6 3/4	2 7/8	4 1/2	114			200 17 1/4

TIME OFF
HOURS
MAKE UP

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.
11	8 3/4 XDV		3/13	37008													

MUD	12 mn	2 am	4 am	6 am	PUMP	2 mn	2 am	4 am	6 am	PUMP	12 mn	2 am	4 am	6 am	MOTOR HOURS	Next 5 Changes
WEIGHT		8.5	8.6		No 1					No 2					1 32 300	
VISCOSITY		39	38												2 32 300	
GEL											3 400 500					
WL 12	FC	12	pH 7.0	DESILTER	Hours Op	U Flow	O Flow	SURVEY'S						4 8 300		
ADDITIVES: 20 BAGS GEL				GENERAL: 87" FUEL RES TANK				1600 78				5 8 200				
1 BAG CAUSTIC				210 BAGS H ₂ O												
2 BAGS SPERBENS				1 BAG CMC												

FIRES N/A
RUN IN TO
HEAT + CAR
PUSH SR
HEAT + M

From	Footage	To	Hrs on Bottom	Wt Drill Pipe (1000 lbs)	Stands	Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt	Sub Wt	CB Ft
1620							15	6 7/8	2 7/8	4 1/2	146			300

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.
11	8 3/4 XDV		3/13	37008	5-8	50-70				1342	5 3/4	1	500	18			

MUD	8 am	10 am	12 noon	2 pm	PUMP	8 am	10 am	12 noon	2 pm	PUMP	8 am	10 am	12 noon	2 pm	MOTOR HOURS	Next 5 Changes
WEIGHT	1.6	1.6	1.6	1.6	No 1	500	500	500	500	No 2	OH MUD				1 40 300	
VISCOSITY															2 40 300	
GEL															3 408 500	
WL 13	FC	7	pH 4.0	DESILTER	Hours Op	U Flow	O Flow	SURVEY'S						4 8 300		
ADDITIVES:				GENERAL: MAKE BUSSY				1600 78				5 8 300				

FIRES N/A
MIX NICE
BEARING
SHARPER
MIXING

From	Footage	To	Hrs on Bottom	Wt Drill Pipe (1000 lbs)	Stands	Singles	DRILL COLLARS	No.	OD	ID	Length	Air Wt	Sub Wt	CB Ft
1620					12		15	6 7/8	2 7/8	4 1/2	144			300

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.
11	8 3/4 XDV		3/13	37008	3-3	50-70											

MUD	4 am	6 am	8 am	10 am	PUMP	4 am	6 am	8 am	10 am	PUMP	4 am	6 am	8 am	10 am	MOTOR HOURS	Next 5 Changes
WEIGHT	2.5	7.3	39	7.0	No 1	900	900	900	900	No 2	IN TANKS				1 48 300	
VISCOSITY	6.5		90	125											2 48 300	
GEL															3 416 500	
WL	FC		pH	DESILTER	Hours Op	U Flow	O Flow	SURVEY'S						4 16 300		
ADDITIVES: GEL 3000#				GENERAL:				1600 78				5 16 300				
CAUSTIC 100#																
BUILD VOLUME																

FIRES
GENERAL

LOCATION VTE 52 LSD SEC TWP RGE W DATE FEB 6 1972
 MAILING POINT PARKIN SHIPPING POINT PARKIN MILES MOVED 2170 ROAD CONDITIONS FAIR

Singles		DRILL COLLARS		No.	O.D.	I.D.	Length	Air Wt.	Sub Wt.	C.B. Ft.	Fr.
		15		6 3/8	2 7/8	464	116401			200	1714
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.	

REMARKS
 TAKE OFF GRANT HEAD +
 BROOKLINE BARBER GATES
 1/2 UP DRILLING NIPPLE, FLOW LINE
 MIX MUD, FILL HOLE, 10 BBL'S
 MAKE UP BIT - RUN IN.
 TIME
 START 12:00
 STOP 7:15
 NIVE 7:15 7:14
 8:00 3/4
 8

PUMP		MOTOR HOURS		Next O. Change	
4 a.m.	6 a.m.	12 m.n.	2 a.m.	4 a.m.	6 a.m.
No. 2	PREL. SURK	1	32	300	
MODEL	LINEK SIZE	2	32	300	
		3	400	500	
		4	8	300	
		5	8	300	

U. Flow O. Flow SURVEYS At Feet Degrees
 87" FUEL RES TANK 600 78

FIRES NIK Kenneth A. Brown
 DRILLER'S SIGNATURE
 RUN IN TO 1342 + K. K. - K. K. 8:00 9:30 1/2
 HEAD + CLEAN FROM 1342 9:30 10:00 1/2
 Pig SER 60'S 10:00 10:14
 HEAD - CLEAN FROM 1342 CO. H. H. 2 + 10"
 HOLE + MIX MUD 4:00 5:14

PUMP		MOTOR HOURS		Next O. Change	
12 noon	2 a.m.	8 a.m.	10 a.m.	12 noon	2 a.m.
500	500	No. 2	PREL. SURK	1	40
68	68	MODEL	LINEK SIZE	2	40
				3	408
				4	8
				5	8

U. Flow O. Flow SURVEYS At Feet Degrees
 80397 1600 78

FIRES N A R. J. Johnson
 DRILLER'S SIGNATURE
 MIX MUD CONDITION HOLE 4:00 6:30 2 1/2
 BEAMING TIGHT HOLE. 6:30
 SHUFFLING BADA. 12:00 1/2
 MIXING MUD

PUMP		MOTOR HOURS		Next O. Change	
8 a.m.	10 a.m.	4 a.m.	6 a.m.	8 a.m.	10 a.m.
900	900	No. 2	PREL. SURK	1	48
72	72	MODEL	LINEK SIZE	2	48
				3	416
				4	16
				5	16

U. Flow O. Flow SURVEYS At Feet Degrees
 ON TANKS

FIRES John A. [Signature]
 DRILLER'S SIGNATURE

CASING REPORT		EQUIPMENT CHANGES	
Fuel on Hand	201 a.m.	TRANS	CSG
Fuel Ret. a Today	add:	TRANS	CSG
TOTAL	add:	TRANS	CSG
Fuel on Hand	add:	TRANS	CSG
FUEL USED	add:	TRANS	CSG

GENERAL: —
 DAYS FROM SPUD
 TOTAL COMPANY TIME
 TOTAL CONTRACTOR'S TIME
 Approved by Operator's Representative
 Approved by Toolpusher

GENERAL PEARL BEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO. **24** LOCATION **YTE 53**

MAILING POINT **PARKIN** SHIPPING POINT **PARKIN**

SEC TWP MILES MOVED

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			
1513	78	1591	7 1/4	50	11	2	15	6 3/4	2 3/8	464.01424	370	122	17				
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.
RR10	8 3/4	588	3/22	912066	6-8	50	78	7 1/4									

CIRC
DRILL

MUD	12 mn	2 am	4 am	6 am	PUMP	12 mn	2 am	4 am	6 am	PUMP	12 mn	2 am	4 am	6 am	MOTOR HOURS		
WEIGHT					No 1	CFM - 300				No 2	PSI 300				1	8	300
VISCOSITY					MODEL	GAL PER MIN 15				MODEL	90 SOAP 1/2				2	8	300
GEL															3	376	500
W.L.	FC	pH	DESILTER Hours Op		U. Flow		O. Flow		SURVEYS		At Feet		Degrees		4	8	300
ADDITIVES: GENERAL: CHANGED OIL IN #1+2 MOTORS																	
SERVICED AIR CLEANERS, FILTERS																	
RIG FUEL TANK 913 GAL, RES. TANK 81"																	

Drilling Line Record	Size	Make	Serial No	No Lines	Trips	Ton Miles	Total Miles	Feet	At Miles	Date	Site of Cut	Next	Feet	on
1	1 1/2	W.R.	8367	8	-	-	9433	40	40	8870	28-11-71	9432	6	

FIRES NIL

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			
1591	29	1620	1 1/4	52	12		15	6 7/8	2 7/8	464.1	370	114	19				
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.
RR10	8 3/4	588	3/22	912066	10-12	55	107	9									

DRILL W/
CIRC - W/
HOIST OUT +
CIRC + CLEAN
HOIST IN
CUT + SH

MUD	8 am	10 am	12 noon	2 pm	PUMP	8 am	10 am	12 noon	2 am	PUMP	8 am	10 am	12 noon	2 pm	MOTOR HOURS		
WEIGHT					No 1	CFM - 300				No 2	PSI 300				1	16	300
VISCOSITY					MODEL	GAL PER MIN 15				MODEL	90 SOAP 1/2				2	16	300
GEL															3	384	500
W.L.	FC	pH	DESILTER Hours Op		U. Flow		O. Flow		SURVEYS		At Feet		Degrees		4	8	300
ADDITIVES: GENERAL: SPRING NEW DRILL LINE																	
FEB. 5 1180 M																	
Tuson worked over to hold string line																	

Drilling Line Record	Size	Make	Serial No	No Lines	Trips	Ton Miles	Total Miles	Feet	At Miles	Date	Site of Cut	Next	Feet	on
1	1 1/2	W.R.	8367	8	-	-	9433	40	40	8870	28-11-71	9432	6	

FIRES NIL

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			
1620					12		15	6 7/8	2 7/8	464.01	370	114	19				
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.
RR10	8 3/4	588	3/22	912066	10-12	55	107	9									

DRILL W/
CIRC - W/
HOIST OUT +
CIRC + CLEAN
HOIST IN
CUT + SH

MUD	4 pm	6 pm	8 pm	10 pm	PUMP	4 pm	6 pm	8 pm	10 pm	PUMP	4 pm	6 pm	8 pm	10 pm	MOTOR HOURS		
WEIGHT					No 1	CFM - 300				No 2	PSI 300				1	24	300
VISCOSITY					MODEL	GAL PER MIN 15				MODEL	90 SOAP 1/2				2	24	300
GEL															3	392	500
W.L.	FC	pH	DESILTER Hours Op		U. Flow		O. Flow		SURVEYS		At Feet		Degrees		4	8	300
ADDITIVES: GENERAL: SPRING NEW DRILL LINE																	
WHILE CHECKING HOHR TO																	
SEE HOW MUCH FUEL WOULD GIVE																	

Drilling Line Record	Size	Make	Serial No	No Lines	Trips	Ton Miles	Total Miles	Feet	At Miles	Date	Site of Cut	Next	Feet	on
1	1 1/2	W.R.	0-3701	7	-	-	9433	40	40	8870	28-11-71	9432	6	

FIRES

B.O.P.	Tested	Elapsed Time	Pressure	Packing & Seal	Crown & Mandrel	Fuel on Hand	CASING REPORT		RAN	SEC	EQUIP
Hydri							TOTAL				
Pipe Rams							FUEL USED				
Blind Rams							CEMENT RETURNS		YES	NO	GENERAL



LOCATION YTE 53 LS SEC TWP RGE W DATE FEB 5 1966
 MAILING POINT PARKIN SHIPPING POINT PARKIN MILES MOVED 2170 ROAD CONDITIONS FAIR

Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Slip on	
2	15	6 7/8	2 3/4	464.01	4.32	3.00	1.12	17		
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
78	7 1/4									RUNNING

REMARKS	START	STOP	NTVL
CIRC CLEAN TO BOT DRILLING	12:00	12:25	3/4
	12:45	8:00	7/4
			8

4 am	6 am	PUMP	12 mn	2 am	4 am	6 am	MOTOR HOURS	No. 2
300								300
ERMIN 15								300
								300
								300
								300
								300

U. Flow	O. Flow	At Feet	Degrees	Weather	Temp.	Water
					27	180

Total Miles	Slip or Cut	At Miles	Date	Next Slip or Cut	Slip on
9453	40	40	28/11/71	9432	6

Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Slip on	
	15	6 7/8	2 3/4	464.01	4.32	3.00	1.14	19		
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
107	9									

REMARKS	START	STOP	NTVL
DRILL W/ 10' ON BIT	8:00	9:00	1
RIG SER + BOSS	9:00	9:15	1/4
DRILL W/ 10' ON BIT	9:15	10:00	3/4
CIRC + WORK DRILL PIPE	10:00	11:15	1/4
HOIST OUT + RUN SURVY AT 1600	11:15	12:45	1/2
CIRC + CLEAN 20 FT TO BOTTOM	12:45	2:00	1/4
HOIST INTO CASING	2:00	2:30	1/2
CUT + SLIP DRILL W/ 10' ON BIT	2:30	4:00	1/2
10' DRILL SET 2 SURVY			8

Total Miles	Slip or Cut	At Miles	Date	Next Slip or Cut	Slip on
40	40	8870	28-11-71	9432	6

Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Slip on	
	15	6 7/8	2 3/4	464.01	4.32	3.00	1.14	19		
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
107	9									

REMARKS	START	STOP	NTVL
NEW DRILL LINE	4:00	4:45	3/4
DRILL MESSAGE PIPE RUN IN	4:45	5:15	1
TRIP KELLY + REAM BRIDGE	5:15	5:45	1
HOLE STUFFING BACKY	5:45	7:45	2
MAKE 16 MUD MIXES	7:45	7:55	1/4
REAM 1/4" FILL HOLE W/ MUD	7:55	9:10	1/2
REMOVE GRANT HEAD RUBBER	9:10	9:30	1/2
HOIST OUT	9:30	10:45	1/4
REAM OUT GRANT HEAD	10:45	12:00	1/4
DRILL LINE, END VOLUME IN TANKS	12:00		1/4

Fuel on Hand	Fuel Rec'd Today	TOTAL	Fuel on Hand	FUEL USED
20		20	20	

EQUIPMENT CHANGES	DRILLER'S SIGNATURE	TRANSFER

GENERAL

DAYS FROM SPUD	TOTAL COMPANY TIME	TOTAL CONTRACTOR'S TIME

APPROVED BY OPERATOR'S REPRESENTATIVE: *[Signature]*
 APPROVED BY TOOLPUSHER: *[Signature]*
 COPY

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG ID **24** LOCATION **YTE 3**
MAILING POINT **...** SHIPPING POINT **...**

LSD SEC TWP RGM
MILES MOVED

TOUR	DRILL COLLARS										DRILL COLLARS											
	From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B.	Key	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B.	Key
8 AM TO 8 AM	M U D										MOTOR HOURS											
	WEIGHT										MOTOR HOURS											
	VISCOSITY										MOTOR HOURS											
	GEL										MOTOR HOURS											
W L										SURVEYS												
ADDITIVES:										GENERAL:												
Drilling Line Record										Drilling Line Record												
8 AM TO 4 PM	M U D										MOTOR HOURS											
	WEIGHT										MOTOR HOURS											
	VISCOSITY										MOTOR HOURS											
	GEL										MOTOR HOURS											
W L										SURVEYS												
ADDITIVES:										GENERAL:												
Drilling Line Record										Drilling Line Record												
4 PM TO MIDNIGHT	M U D										MOTOR HOURS											
	WEIGHT										MOTOR HOURS											
	VISCOSITY										MOTOR HOURS											
	GEL										MOTOR HOURS											
W L										SURVEYS												
ADDITIVES:										GENERAL:												
Drilling Line Record										Drilling Line Record												

GROUND
FIRES
FIRES
FIRES
FIRES

B.O.P.	Tested	Flowing Time	Pipe Size	Packing & Seal Inspected Date	Crown Root Check	Fuel on Hand	CASING HEADS
Hydril							
Pipe Rams							
Blind Rams							
TOTCO RING ON BIT	Boiler Operated	Hrs.	Fine Fuel		FUEL USED	CEMENT RETURNS	S. NO.

TOTAL		7256
FUEL USED		7256

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG ID **24** LOCATION **YTE 13**
MAILING POINT **...** SHIPPING POINT **...**

LSD SEC TWP RGE
MILES MOVED

TOUR	DRILL COLLARS																			
	From	Footage		To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs)	Stands	Singles	DRILL No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.					
B I T S	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 A M	M U D				2 am	2 am	4 am	6 am	P U M P				12 am	2 am	4 am	6 am	M O T O R H O U R S		
WEIGHT				No. 1				No. 2				1								
VISCOSITY				MODEL				MODEL				2								
GEL				NEW				NEW				3								
W.L.				DESILTER: Hours Op.				U Flow				O Flow				SURVEYS				
ADDITIVES: NO FULL 2'S" RESERVE TANK 0 GENERAL: CAMP FUEL TANK 2'S"																				
Drilling Line Record																				
8 A M	DRILL COLLARS																			
	M O T O R H O U R S																			
	WEIGHT																			
	VISCOSITY																			
	GEL																			
4 P M	DRILL COLLARS																			
	M O T O R H O U R S																			
	WEIGHT																			
	VISCOSITY																			
	GEL																			
4 P M	DRILL COLLARS																			
	M O T O R H O U R S																			
	WEIGHT																			
	VISCOSITY																			
	GEL																			
M I D N I G H T	DRILL COLLARS																			
	M O T O R H O U R S																			
	WEIGHT																			
	VISCOSITY																			
	GEL																			

PRODUCTION

FIRES

FUEL USED

CASING REPORT

GENERAL

B.O.P.	Inspected	Explored	Pressure	Packing & Seal	Crown & Seal	Fuel on Hand	300	C.A.S.I.N.G. R.E.P.O.R.T.	
Hydrol						Fuel on Hand	1400	PEN	
Pipe Rams						TOTAL	2256	F.B. SEC.	
Blind Rams						Fuel on Hand	7	A.M.	
TOTCO RING ON BIT	Beiler Operated	Hrs	Fuel Used	2256	CEMENT RETURNS	S. NO.	GENERAL		

LOCATION YTE 53 LSD SEC TWP RGE W DATE JANUARY 6 1962
 MAILING POINT PAN SHIPPING POINT PAN MILES MOVED 1122 ROAD CONDITIONS GOOD

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

REMARKS
 CIRCUMFERENCE WARM WATER 12" 3 3
 TANK 2'S"
 DRILLER'S SIGNATURE *John History*

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

REMARKS
 W 2 C
 CIRCUMFERENCE WARM WATER 12" 4 8
 DRILLER'S SIGNATURE

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

REMARKS
 CIRCUMFERENCE WARM WATER 12" 5 3 1/2
 DRILLER'S SIGNATURE

Fuel on Hand	Fuel Used	Cement Returns	S No.
30	7256		
TOTAL			
7	7256		

EQUIPMENT CHANGES
 DRILLER'S SIGNATURE
 TRANSFER #
 TOTAL COMPANY TIME
 TOTAL CONTRACTOR'S TIME
 Approved by Operator's Representative
 Approved by Toolpusher
 6P. 10'S

COPY

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO 24 LOCATION YTE 53

SOUTH 25 EAST PARKIN MAILING POINT PARKIN

SHIPPING POINT PARKIN

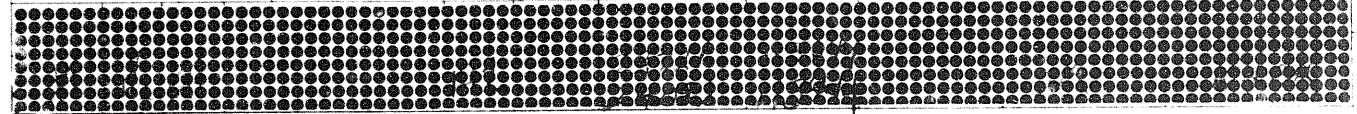
LSD SEC TWP MILES MOVED

Footage		To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	St. on Kelly	
MUD	12 am	2 am	4 am	6 am	PUMP	12 am	2 am	4 am	6 am	PUMP	2 am	4 am	6 am	MOTOR HOURS		
WEIGHT				No. 1	Wt. (lbs.)	No. 2	Wt. (lbs.)					1		200	300	
VISCOSITY				Model		Model						2		200	300	
GEL				Model		Model						3		170	300	
W.L.	F.C.	pH	DESILTER		Hrs. Op.	U. Flow		O. Flow		SURVEYS		4		8	300	
ADDITIVES:		GENERAL: <u>SPACE FUEL TANK 14"</u> <u>CAMP 2'6"</u>														
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Tan Miles	Total Miles	Slip	Fast	Cut	At Miles	Date Slip or Cut	Next Slip	Fr. on Seal	FIRES	

Footage		To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	St. on Kelly
MUD	8 am	10 am	12 noon	2 pm	PUMP	8 am	10 am	12 noon	2 pm	PUMP	8 am	10 am	12 noon	2 pm	MOTOR HOURS
WEIGHT				No. 1	Wt. (lbs.)	No. 2	Wt. (lbs.)					1		208	300
VISCOSITY				Model		Model						2		208	300
GEL				Model		Model						3		178	300
W.L.	F.C.	pH	DESILTER		Hrs. Op.	U. Flow		O. Flow		SURVEYS		4		8	300
ADDITIVES:		GENERAL:													
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Tan Miles	Total Miles	Slip	Fast	Cut	At Miles	Date Slip or Cut	Next Slip	Fr. on Seal	FIRES

Footage		To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	St. on Kelly
MUD	4 am	6 am	8 pm	10 pm	PUMP	4 am	6 am	8 pm	10 pm	PUMP	4 am	6 am	8 pm	10 pm	MOTOR HOURS
WEIGHT				No. 1	Wt. (lbs.)	No. 2	Wt. (lbs.)					1		206	300
VISCOSITY				Model		Model						2		216	300
GEL				Model		Model						3		176	300
W.L.	F.C.	pH	DESILTER		Hrs. Op.	U. Flow		O. Flow		SURVEYS		4		8	300
ADDITIVES:		GENERAL:													
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Tan Miles	Total Miles	Slip	Fast	Cut	At Miles	Date Slip or Cut	Next Slip	Fr. on Seal	FIRES

B.O.P.	Tested	Elapsed Time	Flex Curve	Packing & Seal	Crown & Mat	Fuel on Hand	CASING REPORT	RAN	CSU	CEM	DAIS
						200					
							TOTAL				
						153					
TOTCO RING ON BIT						FUEL USED	153		GENERAL		



CONSERVATION BOARD COPY

65

LOCATION **YTE 53** LSD SEC TWP RGE W DATE **1962**
 MAILING POINT **PARKIN** SHIPPING POINT **PARKIN** MILES MOVED **2170** ROAD CONDITIONS **200**

Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.	
PUMP			MOTOR HOURS								
No. 2											
1	200						300				
2	200						300				
3	170						300				
4	8						300				
5	8						300				
U. Flow				O. Flow				SURVEYS			
								At Feet Degree			
								Weather W.C.R? Water			
								Temp 20			

REMARKS
 WATER
 TIME
 START STOP INTVL
 300 8
 DRILLER'S SIGNATURE
Can Wiltony

Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.	
PUMP			MOTOR HOURS								
No. 2											
1	208						300				
2	208						300				
3	178						300				
4	8						300				
5	8						300				
U. Flow				O. Flow				SURVEYS			
								At Feet Degree			
								Weather Water			
								Temp			

REMARKS
 DRILLER'S SIGNATURE
Can Wiltony

Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.	
PUMP			MOTOR HOURS								
No. 2											
1	206						300				
2	216						300				
3	186						300				
4	8						300				
5	8						300				
U. Flow				O. Flow				SURVEYS			
								At Feet Degree			
								Weather Water			
								Temp			

REMARKS
 DRILLER'S SIGNATURE
W.C. FIRE WORKS WILSON 7-15-62
RIP SERVICE

Fuel on Hand 12:31 a.m.	515	
Fuel Used Today	40	
TOTAL	475	
Fuel on Hand 1:39 a.m.	153	
FUEL USED	322	

EQUIPMENT CHANGES
 DRILLER'S SIGNATURE
W.C. FIRE WORKS

GENERAL	
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APPROVED BY
 OPERATOR'S REPRESENTATIVE
 APPROVED BY
 TOOLPUSHER

COPY

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO **24** LOCATION **YTE 53**
MAILING POINT **PARKIN**

LSD SEC TWP MILES MOVED

5 SOUTH 25 EAST PARKIN SHIPPING POINT **PARKIN**

TOUR	DRILL COLLARS													Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
	From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.							
MIDNIGHT	No.	Size	Type	Jets/W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.			
	8 AM TO 8 AM	MUD			12m	2am	4am	6am	PUMP			2m	2am	4am	6am	MOTOR HOURS			716 SERV HEADS MAKE UP PRO 4 CRE RUN CS RIG TO AND RUN CREEK	
WEIGHT			No. 1			No. 2			1			176	300							
VISCOSITY			MODE.			MODE.			2			176	300							
GEL			MODE.			MODE.			3			146	300							
W.L.			F.C.	pH			DESILTER Hours Op			U. Flow			O. Flow			SURVEYS At Feet Degrees				
ADDITIVES: GENERAL: SURFAK CASE. Visibly CHEMIZED Jan 24 5AM BY AR Stanton																				
Drilling Line Record																				
8 AM TO 4 PM	MUD			8am	10am	12 noon	2pm	PUMP			8am	10am	12 noon	2pm	MOTOR HOURS			FIRES		
	WEIGHT			No. 1			No. 2			1			184	300						
	VISCOSITY			MODE.			MODE.			2			184	300						
	GEL			MODE.			MODE.			3			154	500						
	W.L.			F.C.	pH			DESILTER Hours Op			U. Flow			O. Flow			SURVEYS At Feet Degrees			
ADDITIVES: GENERAL: Hicks & Davidson WORKING OUNCE TO HICKS RUN CASE. + CHEMIZED 5AM (HRE)																				
Drilling Line Record																				
4 PM TO MIDNIGHT	MUD			4pm	6pm	8pm	10pm	PUMP			4pm	6pm	8pm	10pm	MOTOR HOURS			FIRES		
	WEIGHT			No. 1			No. 2			1			192	300						
	VISCOSITY			MODE.			MODE.			2			192	300						
	GEL			MODE.			MODE.			3			162	300						
	W.L.			F.C.	pH			DESILTER Hours Op			U. Flow			O. Flow			SURVEYS At Feet Degrees			
ADDITIVES: GENERAL: 150 BL. H₂O 14" FURK IN SPINER TANK.																				
Drilling Line Record																				

B.O.P.				Packing & Seal				Crown & Mat				FUEL USED				CASING REPORT			
Hydrol	Tected	Elapsed Time	Prev. Core	Packing & Seal Inspected Date	Crown & Mat Chkd	Mat	Mat	Fuel on hand	Fuel Used	Fuel on hand	Fuel Used	TOTAL	TOTAL	ABUSED	ABUSED	ABUSED	ABUSED		
Pipe Ram					Rig Safety Chkd			Fuel on hand	Fuel Used	Fuel on hand	Fuel Used								
Blind Ram					Key Chkd			Fuel on hand	Fuel Used	Fuel on hand	Fuel Used								
TOTCO RING ON BIT				Boiler Operated				FUEL USED				CEMENT RETURNS							

CONSERVATION BOARD COPY

LOCATION **YTE 53** LSD SEC TWP RGE W DATE **JANUARY 24 1972**
 MAILING POINT **PARKIN** SHIPPING POINT **PARKIN** MILES MOVED **2170** ROAD CONDITIONS **GOOD**

Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Fr. Up on Kelly	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
PUMP No. 2 MODEL: 114 U. Flow O. Flow SURVEYS At Feet Degree Weather Temp. Next Oil Change Ebbs Total Miles Slip or Cut At Miles Date Slip or Cut Next Slip Ft. Left on Spool										

REMARKS
 RIG SERVICE, INSTALL ~~HEAD~~ ^{HEAD} ROTARY
~~HEAD~~ RUN IN HOLE. 1230 130 1
 MAKE UP THIRD LINE, BREAK 130
 CIR & CLEAN 10' TO BTM. 200 1/2
 PRE CONDITION HOLE TO 200
 RUN CSG. 300 300 1
 RIG TO RUN CSG. 500 500 2
 AND RUN CASING 500 500 3
 CHECK CIRC @ 180 (BRIDGED OFF)
 DRILLER'S SIGNATURE: *John J. Maloney*

Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Fr. Up on Kelly	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
PUMP No. 2 MODEL: 114 U. Flow O. Flow SURVEYS At Feet Degree Weather Temp. Next Oil Change Ebbs Total Miles Slip or Cut At Miles Date Slip or Cut Next Slip Ft. Left on Spool										

REMARKS
 1 1/2 S. ...
 ...
 ...
 ...
 ...
 DRILLER'S SIGNATURE: *[Signature]*

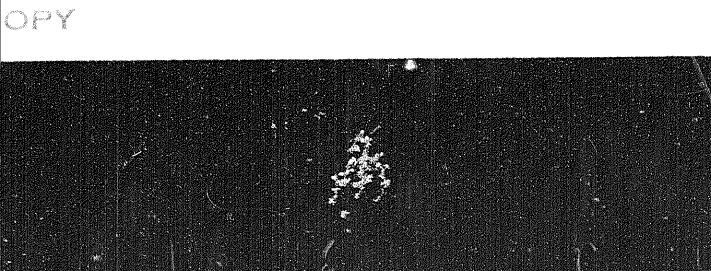
Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Fr. Up on Kelly	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
PUMP No. 2 MODEL: 114 U. Flow O. Flow SURVEYS At Feet Degree Weather Temp. Next Oil Change Ebbs Total Miles Slip or Cut At Miles Date Slip or Cut Next Slip Ft. Left on Spool										

REMARKS
 CUT OFF CASING, WELD FLOWLINE
 TIE INTO CASING HOOD #1
 SAME, RIG TO IN PARKIN
 WATER, RUN IN NEW END. 730 4 1/2
 CIRC. WARD WATER 930
 MIXING CEMENT & RUNNING DOWN 830
 CONDUCTOR LIFE. 1800 3 1/2
 DRILLER'S SIGNATURE: *[Signature]*

Fuel on Hand	Fuel Rec'd Today	TOTAL	Fuel on Hand	FUEL USED
01 a.m.	100	100	23-0140	515

EQUIPMENT CHANGES	TRANSFER	TOTAL COMPANY TIME	TOTAL CONTRACTOR'S TIME

CASING REPORT	GENERAL
RAN IS CSG TO KE LINED SAY EM DAYS FROM SPUD CEMENT RETURNS YES NO	APPROVED BY OPERATOR'S REPRESENTATIVE APPROVED BY TOOLPUSHER



APPROVED BY OPERATOR'S REPRESENTATIVE
 APPROVED BY TOOLPUSHER
 [Signatures]

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO. **24**
25 EAST PARKIN

LOCATION **BIRCH 25023**
MAILING POINT **PARKIN**

SHIPPING POINT **PARKIN**
LSD SEC TWP MILES MOVED

TOUR MIDNIGHT TO 8 AM TOUR	From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe 100 lbs.	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. #	...	
	737																
	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.
	1A 12 1/4 0503 26978 26978 3974																
	OUT																
	MUD																
	PUMP																
	MOTOR HOURS																
	WEIGHT																
	VISCOSITY																
GEL																	
W.L. F.C. pH DESILTER Hours Op U. Flow O. Flow SURVEYS At Feet Degree																	
ADDITIVES: GENERAL																	
Drilling Line Record																	

FIRES

TOUR 8 AM TO 4 PM TOUR	From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe 100 lbs.	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. #	...	
	737																
	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.
	1A 12 1/4 0503 26978 26978 121 5 1 200																
	OUT																
	MUD																
	PUMP																
	MOTOR HOURS																
	WEIGHT																
	VISCOSITY																
GEL																	
W.L. F.C. pH DESILTER Hours Op U. Flow O. Flow SURVEYS At Feet Degree																	
ADDITIVES: GENERAL																	
Drilling Line Record																	

FIRES

TOUR 4 PM TO MIDNIGHT TOUR	From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe 100 lbs.	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. #	...	
	737																
	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.
	1A 12 1/4 0503 26978 26978 3974																
	OUT																
	MUD																
	PUMP																
	MOTOR HOURS																
	WEIGHT																
	VISCOSITY																
GEL																	
W.L. F.C. pH DESILTER Hours Op U. Flow O. Flow SURVEYS At Feet Degree																	
ADDITIVES: GENERAL																	
Drilling Line Record																	

FIRES

B.O.P.	Tested	Elapsed Time	Pressure	Packing & Seal Inspected Date	Crown & Mat's Chk'd	Fuel on Hand 12:01 a.m.	CASING REPORT		RAN	...	
Hvdril					Rig Safety Chk'd	Fuel Rec'd Today	TOTAL		KB USED	...	
Pipe Rams					Key Lock Chk'd		FUEL USED		...	...
Blind Rams					Fire Equip Chk'd	Fuel on Hand 5:55 p.m.	CEMENT RETURNS		YES NO	...	
TOTCO RING ON BIT = 2										Boiler Operated	...

GENERAL

LOCATION BIRCH YTE 13 LSD SEC TWP RGE W DATE SEP 14 1963
MAILING POINT MURKIN SHIPPING POINT MURKIN MILES MOVED 5170 ROAD CONDITIONS GOOD

DRILL COLLARS 14 6 1/4 2 7/8 332 303 229 270
PUMP 12 m 2 a m 4 a m 6 a m
MOTOR HOURS 1 300 2 300 3 500 4 300 5 300

REMARKS
1 1/2" BERSEAL
...
FINISH DOWN IN
...
DRILLER'S SIGNATURE

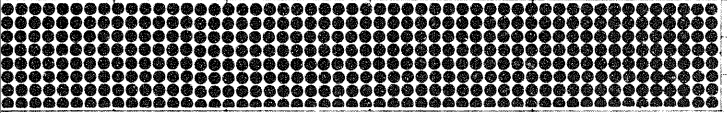
DRILL COLLARS 12 6 1/4 2 7/8 40
PUMP 12 noon 2 p m 8 a m 10 a m 12 noon 2 p m
MOTOR HOURS 1 160 300 2 160 300 3 130 500 4 8 300 5 8 300

DRILLER'S SIGNATURE
...
DRILLER'S SIGNATURE

DRILL COLLARS 14 6 1/4 2 7/8 410 270 210
PUMP 9 a m 10 p m 4 a m 6 a m 8 a m
MOTOR HOURS 1 54 200 2 DOWN 3 130 500 4 75 300 5 1100 1000

FUEL USED
CASING REPORT
EQUIPMENT CHANGES

DRILLER'S SIGNATURE
TRANSFER TO
TOTAL COMPANY TIME
TOTAL CONTRACTOR'S TIME



COPY

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO **24**

LOCATION **BIRCH YTES 3**

SEC TWP MILES MOVED

SOUTH 25 EAST PARKIN

MAILING POINT **PARKIN**

SHIPPING POINT **PARKIN**

TOUR MIDNIGHT TO 8 AM TOUR	From	Footage	To	Hrs on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub Wt.	C.B. Ft.	Hrs on		
	22	26	0	1 3/4		2	2	14	6 7/8	2 7/8	432	89	322					
	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
	1A	12 1/4	OSC-3	2-16	26978	10	150					150 PSI	300 CFM					
	MUD	2 am	2 am	4 am	6 am	PUMP	2 am	4 am	6 am	PUMP	12 am	2 am	4 am	6 am	MOTOR HOURS			
	WEIGHT																	
	VISCOSITY																	
	GEL																	
	W.L.	FC	pH	DESILTER	Hours Op.	U. Flow	O. Flow	SURVEYS At Feet Degrees										
	ADDITIVES:	SOAP 25 GALS. GENERAL: RESERVE, FUEL TANK 8 AM 4 1/2" FUEL																
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Feet Sup.	Feet Cut	At Miles	Date	Start	Stop	Next Start	Feet on Spool	Fires		

TIG SERVICE SURVEY MILLING

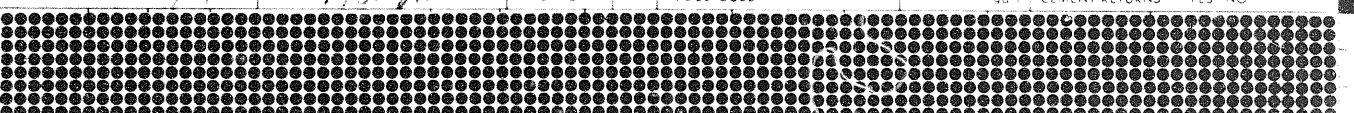
TOUR 8 AM TO 4 PM TOUR	From	Footage	To	Hrs on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub Wt.	C.B. Ft.	Hrs on		
	118	117	3/4			3		14	6 7/8	2 7/8	432	89	322					
	No.	Size	Type	Jets W.C.	Serial No.	Wgt.	R.P.M.	Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T	B	G
	1A	12 1/4	OSC-3	2-16	26998	10	120					150 PSI	300 CFM					
	MUD	8 am	10 am	12 noon	2 pm	PUMP	8 am	10 am	12 noon	2 pm	PUMP	8 am	10 am	12 noon	2 pm	MOTOR HOURS		
	WEIGHT																	
	VISCOSITY																	
	GEL																	
	W.L.	FC	pH	DESILTER	Hours Op.	U. Flow	O. Flow	SURVEYS At Feet Degrees										
	ADDITIVES:	GENERAL: Two more worked over To insulate + cleanup of hoist																
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Feet Sup.	Feet Cut	At Miles	Date	Start	Stop	Next Start	Feet on Spool	Fires		

2 1/2" HOIST

TOUR 4 PM TO MIDNIGHT TOUR	From	Footage	To	Hrs on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub Wt.	C.B. Ft.	Hrs on		
	131					33	3	14	6 7/8	2 7/8	432	89	322					
	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
	1A	12 1/4	OSC-3	2-16	26998	10	394									5	3	1
	MUD	4 am	6 am	8 am	12 pm	PUMP	4 am	6 am	8 am	12 pm	PUMP	4 am	6 am	8 am	12 pm	MOTOR HOURS		
	WEIGHT																	
	VISCOSITY																	
	GEL																	
	W.L.	FC	pH	DESILTER	Hours Op.	U. Flow	O. Flow	SURVEYS At Feet Degrees										
	ADDITIVES:	SAWDUST 30 SAKS. GENERAL: KITE TALK 4 NO CORRECTION. FIBRETEX 3 SAKS.																
Drilling Line Record	Size	Make	Serial No.	No. Lines	Trips	Ton Miles	Total Miles	Feet Sup.	Feet Cut	At Miles	Date	Start	Stop	Next Start	Feet on Spool	Fires		

CIRC. & W. HOIST TIG SERVICE MILLING

B.O.P.	Tested	Elasticity	Pressure	Packing & Seal Inspected Date	Clamp & Mat. Chkd	Fuel on Hand	120	52	CASING REPORT	RAN	EQUIP
Hydral						Fuel Rec'd Total					
Pipe Rans					Rig Service Chkd	TOTAL					
Bind Rans					Motor Chkd	Fuel on Hand	59				
TOTCO RING ON BIT = 1A	Boiler Operated	172	24	Hrs	File Equip Chkd	FUEL USED			CEMENT RETURNS	YES NO	GENERAL



LOCATION **BIRCH VTS 3** LSD SEC TWP RGE W DATE **JANUARY 22 1982**
 MAILING POINT **PARKIN** SHIPPING POINT **PARKIN** MILES MOVED **3170** ROAD CONDITIONS **FAIR**

Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
2				15031	300 CFM					

PUMP
 No 2
 MODEL

MOTOR HOURS
 1
 2
 3

SURVEYS
 At Feet Degree

U. Flow O. Flow

TANK FUEL

Temp

At Miles Slip of Cut Date Slip of Cut Next Slip on Spool

REMARKS
 DRILLING 12" SURFACE HOLE.
 JIG SERVICE.
 SURVEY @ 630' 1/2"
 DRILLING 24 SURFACE HOLE.
 RIG WORK TIME IN CONNECTIONS
 DRILLING 24" HOLE.

TIME
 START TOP INVL
 9:00 100 1
 1:00 130 1
 1:30 130 1
 1:30 700 5 1/2
 7:00 715 1
 7:30 800 3/4

FIRES

DRILLER'S SIGNATURE

Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
				15031	300 CFM					

PUMP
 No 2
 MODEL

MOTOR HOURS
 1
 2
 3

SURVEYS
 At Feet Degree

U. Flow O. Flow

Worked over
 Change of house

Temp

At Miles Slip of Cut Date Slip of Cut Next Slip on Spool

REMARKS
 DRIG 12" SURFACE HOLE
 DRILLING 24 SURFACE HOLE
 DRIG 12" SURFACE HOLE
 DRIG 12" SURFACE HOLE
 DRIG 12" SURFACE HOLE
 DRIG 12" SURFACE HOLE
 DRIG 12" SURFACE HOLE
 DRIG 12" SURFACE HOLE
 DRIG 12" SURFACE HOLE

TIME
 START TOP INVL
 11:20 1
 11:20 12 1/4
 11:20 12 1/4
 11:20 12 1/4
 11:20 12 1/4
 11:20 12 1/4
 11:20 12 1/4
 11:20 12 1/4

FIRES

DRILLER'S SIGNATURE

Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
	3974							5	3	1

PUMP
 No 2
 MODEL

MOTOR HOURS
 1
 2
 3
 4

SURVEYS
 At Feet Degree

U. Flow O. Flow

ALL Y NO
 CORRECTION.

Temp

At Miles Slip of Cut Date Slip of Cut Next Slip on Spool

REMARKS
 CIRC. & WORK TIGHT SPOT. 400
 HOIST, (TIGHT) BREAK CIRC.
 PUTTING ON KEYS THROUGH
 TIGHT SPOTS. (MEASURE)
 PULL ROTATING HEAD OFF 900
 JIG SERVICE 700
 RUN IN W/ BIT PUT ROTATING 700
 HEAD ON DRIG TO CIRC 1100
 W/ SEWING & EBERTEN.
 MOVING TO 1200 3

TIME
 START TOP INVL
 900 4
 700 1
 700 1
 1200 3

FIRES

DRILLER'S SIGNATURE

FUEL ON HAND		FUEL USED TODAY		TOTAL		FUEL ON HAND		FUEL USED	
201	201	201	201	201	201	201	201	201	201

CASING REPORT

EQUIPMENT CHANGES

GENERAL

DRILLER'S SIGNATURE

APPROVED BY
 Operator's Representative
 Toolpusher

TOTAL COMPANY TIME
 HRS

TOTAL CONTRACTOR'S TIME
 HRS

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO **24** LOCATION **BIRCH BIRCH 53** SEC **15** TWP **1**
MILING POINT **PARKIN** SHIPPING POINT **PARKIN** MILES MOVED

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. #

24 92 416 6

B.I.T.S.	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.
	1A	12 1/4	OS&S	3/16	26978	8/10	100/100	416	16 1/2				300 CFM					

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

WEIGHT: No. 1 150, 150, 150, 150 No. 2
 VISCOSITY: 300 CFM
 GEL: 2, 3, 4, 5
 W.L. F.C. pH DESILTER Hours Op U. Flow O. Flow SURVEYS: 4, 5
 ADDITIVES: 30 GAL SOAP GENERAL: 230, 290, 350 Weather: 100

DRILLING
SURVEY
SURVEY
SURVEY
SURVEY

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. #

416 530 6 1/2 33m 2

B.I.T.S.	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.
	1A	12 1/4	OS&S	3/16	26978	8-12	100/100	416	27 1/2				200 CFM					

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

WEIGHT: No. 1 185, 185, 185, 185 No. 2
 VISCOSITY: 300 CFM
 GEL: 2, 3, 4, 5
 W.L. F.C. pH DESILTER Hours Op U. Flow O. Flow SURVEYS: 4, 5
 ADDITIVES: 20 GALS SOAP GENERAL: 175 Weather: 100

DRILLING
SURVEY
SURVEY
SURVEY
SURVEY

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. #

530 92 6.2 63 1/4 33 1 2

B.I.T.S.	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.
	1A	12 1/4	OS&S	3-16	26978	8-10	100	561	29 1/2				300 C.F.M.					

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

WEIGHT: No. 1 185 No. 2 185
 VISCOSITY: 300 CFM
 GEL: 2, 3, 4, 5
 W.L. F.C. pH DESILTER Hours Op U. Flow O. Flow SURVEYS: 4, 5
 ADDITIVES: 3. MAIN WORKING OIL TO INSULATE THE AROUND RIG. GENERAL: 542, 174 Weather: 100

DRILLING
SURVEY
SURVEY
SURVEY
SURVEY

B.O.P.				Casing Report				FUEL USED			
Tested	Elapsed Time	Pres. Valve	Packing & Seal Inspected Date	Flow on Hand	Flow Rec'd Today	TOTAL	Flow on Hand	Flow Rec'd Today	TOTAL	Cement Returns	YES NO
						1731					

CONSERVATION BOARD COPY

LOCATION **BIRCH BIRCH SEC 53 L50** SEC TWP RGE W DATE **Jan 21 1962**
 MAILING POINT **PARKIN** SHIPPING POINT **PARKIN** MILES MOVED **2170** ROAD CONDITIONS **Fair**

Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Fr. on Sp.	
	12	6 1/4	2 3/4	2 1/4	37 1/4	3.53	2.25			
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
416	16 1/4				300 C.F.M.					

PUMP				MOTOR HOURS			
No. 2	1	2	3	1	2	3	4

SURVEYS	
At Feet	Degrees
230	0
290	1/2
350	1/2

REMARKS
 DRILLING 12" SURFACE HOLE 10:00 10:00 1/4
 PUMP SURVEY @ 230' 2:00 12:00 1/2
 DRILLING 12" SURFACE HOLE 10:05 3:30 2 1/4
 HIS SERVICE - SURFACE HOLE 3:30 3:30 1/4
 SURVEY @ 290' 3:00 4:00 1/4
 DRILLING 12" SURFACE HOLE 4:00 5:05 1 1/4
 SURVEY @ 350' 5:05 6:05 1/2
 DRILLING 12" SURFACE HOLE 6:05 6:00 1 3/4

Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Fr. on Sp.	
	14	6 1/4	2 3/4	2 1/4	43 1/4	3.03	2.78			
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
460	2 1/4				300 C.F.M.					

PUMP				MOTOR HOURS			
No. 2	1	2	3	1	2	3	4

SURVEYS	
At Feet	Degrees
416	0

REMARKS
 DRILLING 12" SURFACE HOLE 11:00 11:00 1/4
 PUMP SURVEY @ 416' 11:00 11:00 1/4
 DRILLING 12" SURFACE HOLE 11:00 11:00 1/4
 PUMP SURVEY @ 416' 11:00 11:00 1/4

Singles	DRILL COLLARS	No.	O.D.	I.D.	Length	Air Wt.	Sub. Wt.	C.B. Ft.	Fr. on Sp.	
	2	6 1/4	2 3/4	2 1/4	43 1/4	3.03	2.78			
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
361	2 1/4				300 C.F.M.					

PUMP				MOTOR HOURS			
No. 2	1	2	3	1	2	3	4

SURVEYS	
At Feet	Degrees
542	1/4

REMARKS
 DRILL W/ 8-10 AM 4:00 4:30 1/2
 SURVEY @ 542 1/4' H.S. 4:30
 SERVICE BRAKE ✓ 5:5 3/4
 DRILL W/ 8-10 AM 5:5 10:15 5
 LEAN OUT BLEED OFF LINE 10:15 11:45 1/2
 DRILL W/ 8-10 AM 10:40 12:00 1/4
 PUMP - TOWNS LOCKED OUT
 TO REMOVE C.A.S.G. MOTORS

FUEL TANK 47 W. 542 1/4	
INSURE THE THROUGH RIG.	
Fuel on Hand 12:01 a.m.	90.0
Fuel Rec'd Today (add)	90.0
TOTAL	1731
Fuel on Hand 1:59 p.m. (deduct)	90.0
FUEL USED	90.0

REMARKS
 DRILLER'S SIGNATURE *H. H. ...*

CASING REPORT	
TO	KB USED
PLUS	FEW DOWN
CEMENT RETURNS	YES NO

EQUIPMENT CHANGES
 DAYS FROM SFUD
 TOTAL COMPANY TIME
 TOTAL CONTRACTOR'S TIME

APPROVED BY OPERATOR REPRESENTATIVE *Chalister*
 APPROVED BY TOOLPUSHER *H. H. ...*

GENERAL PETROLEUMS DRILLING LTD.

DAILY DRILLING LOG
DIRECTIONS TO WELL

RIG NO 24

LOCATION

BRIGHT

LSE

SEC

TAP

IN 65 EAST PARKIN

MAILING POINT

PARKIN

SHIPPING POINT

PARKIN, N. H. 2

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	D	Length	Air Wt.	Sub Wt.	W.P.	F.B.	F.T.	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	

Rig Sp
Thaw
CURRENT
KATRIGER
1/2 up to G.
1/2 up to G.
WORK ON

MUD		PUMP		PUMP		MOTOR HOURS	
WEIGHT		No.		No.			
VISCOSITY		Model		Model			
GEL							
W.L.	F.C.	pH	DESILTER	Hours Op.	U. Flow	O. Flow	SURVEYS At Feet / Degree
ADDITIVES:				GENERAL:			

RES
WORK ON
MOTOR
1/2 up to G.
1/2 up to G.
1/2 up to G.
1/2 up to G.

From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	No.	O.D.	D	Length	Air Wt.	Sub Wt.	W.P.	F.B.	F.T.	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
95	12 1/4	95	3 1/2					2	6 1/2	2 1/2	20							26978	3	150	3 1/2					150					

RES
1/2 up to G.
1/2 up to G.
1/2 up to G.
1/2 up to G.

MUD		PUMP		PUMP		MOTOR HOURS	
WEIGHT		No.		No.			
VISCOSITY		Model		Model			
GEL							
W.L.	F.C.	pH	DESILTER	Hours Op.	U. Flow	O. Flow	SURVEYS At Feet / Degree
ADDITIVES:				GENERAL: WORK OVER 4 HRS TAKING OFF CASING PROTECTORS + WORK ON GRAB HEAD & BREAK			

RES
1/2 up to G.
1/2 up to G.
1/2 up to G.
1/2 up to G.

B.O.P.	Trucks	Elapsed Time	Pressure	Packing & Seal Inspection Date	Crown & Seal Chk	Fuel on Hand (201 gal)	FUEL USED	CEMENT RETURNS	YES	NO

GENERAL: —

LOCATION **BRIGHT PARKIN** LST SEC TWP DATE **JAN 20 / 72** 196
 MAILING POINT **PARKIN W. VA** SHIPPING POINT **PARKIN W. VA** MILES **2100** ROAD CONDITIONS **FAIR**

DRILL COLLARS										
Singles	No.	OD	ID	Length	Air Wt.	Sub. Wt.	CB	Fr.	H.	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.

Rig SAR
 Tdow 20' ...
 CONDUCTOR ...
 CEMENT HEAD ...
 RATS ...
 CUT UP ...
 TEST TANK ...
 WORK ON RATS ...
 800
 800

DRILL COLLARS										
Singles	No.	OD	ID	Length	Air Wt.	Sub. Wt.	CB	Fr.	H.	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
	3 1/2			150						

RES
 Kyle ...
 WORK ON REGENERATION ...
 MOTOR, ...
 GRANT HEAD ...
 ...
 800
 10:30 ...
 730 400

DRILL COLLARS										
Singles	No.	OD	ID	Length	Air Wt.	Sub. Wt.	CB	Fr.	H.	
Drilled or Cored	Hrs.	Reamed	Hrs.	Pump No.	Pump Pressure	S.P.M.	Table Torque	T.	B.	G.
	10 1/2			150						

FIRES
 John ...
 ...
 ...
 ...
 ...
 ...

FUEL ON HAND		FUEL USED		CEMENT RETURNS	
12 31	...	...	...	...	...
TOTAL		TOTAL		TOTAL	

EQUIPMENT CHANGES
DRILLER'S SIGNATURE
TRANSFER
GENERAL
 APPROVED BY
 OPERATOR'S REPRESENTATIVE
 APPROVED BY
 TOOLPUSHER