

# PUNCH PETROLEUMS LIMITED

129 - SIXTH AVENUE EAST  
CALGARY, ALBERTA

August 28, 1952.

REGISTERED OFFICE  
1922 - 44 KING STREET WEST  
TORONTO 1, ONTARIO

Mr. A. Irwin,  
Supervisory Engineer,  
Yellowknife, N. W. T.

Dear Sir:

## Progress Report Punch Deep Bay No. 4

The above hole has now been abandoned at a depth of 610 feet. Since the last report sent you, I have the following information to report.

The hole was drilled with a rotary bit to 350 feet. It was then diamond cored to 354 feet. Due to caving of the hole it had to be reamed and drilled to 358 feet. It was then diamond cored from 358 to 438 feet. The Slave Point reef was contacted at 371 feet. Porosity was found starting at 375 feet. The following drillstem tests were run:

D. S. T. No. 1 - 365-380 V. O. 45 minutes, shut in 10 minutes. Recovered 60 feet mud, 60 feet gassy muddy sulfur water.

Hydrostatic pressure	190 lbs.
Flowing pressure	0
Bottom hole shut in pressure	120 lbs.

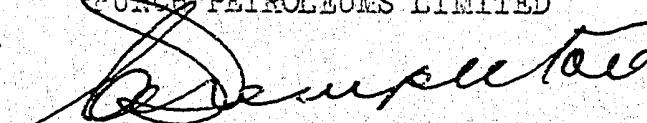
D. S. T. no. 2 - 402-438 V. O. 25 minutes, shut in 10 minutes. Gas to surface in 10 minutes, too weak to measure. Recovered 60 feet mud, 225 feet gassy sulfur water.

Hydrostatic pressure	240 lbs.
Flowing pressure	120 lbs.
Shut in pressure	170 lbs.

At 438 feet the hole was reamed out and drilled to 610 feet. At 610 feet, on August 19th, the pipe became stuck. Oil was spotted twice with no results. On August 24th, it was decided to abandon the hole. The drill pipe was backed off leaving drill collar and three joints of pipe in the hole. The surface hole was cemented.

The rig is now preparing to move to a new location 14 miles to the north-east.

Yours very truly,  
PUNCH PETROLEUMS LIMITED



C. W. Templeton  
Chief Geologist

PUNCH DEEP BAY NO. 4

- Core No. 1 350 - 51 No recovery,
- Core No. 2 351 - 54 No recovery,
- Core No. 3 358 - 68 Recovered 11 feet,  
11 ft. Green calcareous pyritic shale,
- Core No. 4 369 - 80 Recovered 10' 3",  
3" Green calcareous shale,  
369 Top Slave Point,  
3' Limestone - White dense calcitic limestone -  
some intergranular porosity and oil staining  
7' Limestone - brown granular calcitic limestone,  
fair intergranular porosity, oil staining,  
trace crinoid stems. Bleeding salt water.
- Core No. 5 380 - 93 Recovered 13 feet  
1'7" - Limestone - brown granular slightly  
calcitic limestone bleeds salt water,  
11' 5" - Limestone - Reef breccia of white dense  
coarse material with brown oil stained inter-  
stitial limestone which has good to very good  
intergranular porosity in some spots, poor to  
none in others. Crinoids and other reef  
breccia. Probably poor permeability. Increasing  
amount of coral material toward base.
- Core No. 6 393 - 408 Recovered 15 feet  
1.5' Limestone - Brown brecciated reef limestone  
fragments increasing in size toward the base.  
No porosity or staining in fragments. Inster-  
stitial material, oil stained and shows poor inter-  
granular porosity.
- Core No. 7 408 - 423 Recovered 15 feet  
Limestone - Limestone as above - tr. coarse vuggy  
porosity at 413. Fine vuggy porosity 416 - 417.  
Coarse vuggy porosity at 417.5. Dense granular  
limestone with no vuggy or intergranular porosity  
418 - 21. Vertical fracture 422. Some medium  
vuggy fair to good porosity 422 - 23. Calcite  
throughout core.

PUNCH DEEP BAY NO. 4

Core No. 8

*Typ. error*  
408 - 425

Recovered 14 feet

?

5' Limestone breccia as above. Good vuggy porosity and intergranular porosity in interstitial material. Considerable calcite infilling vugs.

9' Limestone - breccia as above - fair to poor intergranular porosity in interstitial material. Coarse vugs at 436.

Sample Description

- 435 - 90 Limestone - white dense reef fragments with brown oil-stained granular interstitial limestone. Interstitial material has slight trace porosity but mainly dense. Some calcite infillings. Staining becoming less apparent with depth.
- 490 - 505 Limestone - Grey-white granular calcitic limestone with poor to fair intergranular porosity, grey to white dense limestone, reef fragments. No staining.
- 505 - 610 Limestone - white dense reef limestone and brown oil stained granular interstitial limestone. Secondary calcite. Staining very slight after 520 feet. Faint trace fine porosity.

September 29, 1952

CORE LABORATORIES INC.  
CALGARY  
ALBERTA

Company - PUNCH PETROLEUMS LIMITED  
Well - DEEP BAY NO. 4  
Field - WILDCAT  
Province - N. W. T.

Date Report - AUGUST 20, 1952  
Elevation -  
Formation - DEVONIAN  
Cores - DIAMOND  
Remarks - CANNED CORE

SAMPLE NUMBER	DEPTH REPRESENTED FEET	PERMEABILITY MILLIDARROPS	POROSITY PER CENT	RESIDUAL SATURATION		VISUAL EXAMINATION
				OIL	TOTAL WATER % PORE	
1	373	4.1	9.3	31.2	23.7	Silty, fine grained limestone, with shale bands, oil staining
2	375	0.7	16.2	32.7	27.8	Silty, fine grained limestone, with oil staining & shale bands
3	376	24.	20.4	20.6	46.1	Arg. fine grained silty limestone
4	377	28.	31.7	17.4	60.5	Arg. fine grained silty limestone
5	378	30.	27.5	14.9	76.7	Arg. fine grained silty limestone
6	380	42.	28.0	24.6	60.4	Arg. fine grained silty limestone

Arg. - Argillaceous

Page - 1 of 1

File - EL-407

Analysts - IM-VD

Remarks - CANNED CORE

## TECHNICAL OIL CONSULTANTS LTD.

## DAILY DRILLING REPORT

Company: Punch Pot

Well: 12-154

Contractor: OZARK

Type Rig: C-11

Date: Aug 17 1952

Days on Well: 17

DEPTH	1st Tour From: 12 To: 8 AM.						2nd Tour From: 8 AM To: 4 PM						3rd Tour From: 4 PM To: 12 PM								
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation						
DRILL PIPE	438	438	18	5 1/2		438	438	0	3 1/2		438	438	0	3 1/2							
STDS.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	STDS.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	STDS.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.							
BIT RECORD	13	24	25	25.70	14	24	25	25	25	15	24	25	25	25							
SURVEYS	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	Drilled	Reamed	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET				
SLUSH PUMP RECORD	2	S-6								2	S-6						Drilled	Reamed			
Pump No. 1	Bit Serial No.	R.P.M. 115						Bit Serial No.	R.P.M. 5120						Bit Serial No.	R.P.M. 5600					
MUD RECORD	Kind	at	Ft.	Deg. off			Kind	at	Ft.	Deg. off			Kind	at	Ft.	Deg. off					
	HOURS			Line	REPAIRS			HOURS			Line	REPAIRS			HOURS			Line	REPAIRS		
	On Line	Circulating		Press	Yes	No	On Line	Circulating		Press	Yes	No	On Line	Circulating		Press	Yes	No			
CORING	Wt.	Visc.	W.L.	Time	Additives			Wt.	Visc.	W.L.	Time	Additives			Wt.	Visc.	W.L.	Time	Additives		
	10.	51						10.	50						10.	52					
DETAIL OF OPERATIONS AND REMARKS	From	To	Ft. Rec'd.	Core No.	Type	Bbl.	From	To	Ft. Rec'd.	Core No.	Type	Bbl.	From	To	Ft. Rec'd.	Core No.	Type	Bbl.			
	438	438	15	17	Core Lab																
						Hrs.															
	Total Contract Time	hrs.	Total Company Time	hrs.	Total Contract Time	hrs.	Total Company Time	hrs.	Total Contract Time	hrs.	Total Company Time	hrs.	Total Contract Time	hrs.	Total Company Time	hrs.					
	20.	51	14	14	20.	51	14	14	20.	51	14	14	20.	51	14	14					
	10.	50	14	14	10.	50	14	14	10.	50	14	14	10.	50	14	14					
	10.	51	14	14	10.	51	14	14	10.	51	14	14	10.	51	14	14					
	10.	52	14	14	10.	52	14	14	10.	52	14	14	10.	52	14	14					
	10.	53	14	14	10.	53	14	14	10.	53	14	14	10.	53	14	14					
	10.	54	14	14	10.	54	14	14	10.	54	14	14	10.	54	14	14					
	10.	55	14	14	10.	55	14	14	10.	55	14	14	10.	55	14	14					
	10.	56	14	14	10.	56	14	14	10.	56	14	14	10.	56	14	14					
	10.	57	14	14	10.	57	14	14	10.	57	14	14	10.	57	14	14					
	10.	58	14	14	10.	58	14	14	10.	58	14	14	10.	58	14	14					
	10.	59	14	14	10.	59	14	14	10.	59	14	14	10.	59	14	14					
	10.	60	14	14	10.	60	14	14	10.	60	14	14	10.	60	14	14					
	10.	61	14	14	10.	61	14	14	10.	61	14	14	10.	61	14	14					
	10.	62	14	14	10.	62	14	14	10.	62	14	14	10.	62	14	14					
	10.	63	14	14	10.	63	14	14	10.	63	14	14	10.	63	14	14					
	10.	64	14	14	10.	64	14	14	10.	64	14	14	10.	64	14	14					
	10.	65	14	14	10.	65	14	14	10.	65	14	14	10.	65	14	14					
	10.	66	14	14	10.	66	14	14	10.	66	14	14	10.	66	14	14					
	10.	67	14	14	10.	67	14	14	10.	67	14	14	10.	67	14	14					
	10.	68	14	14	10.	68	14	14	10.	68	14	14	10.	68	14	14					
	10.	69	14	14	10.	69	14	14	10.	69	14	14	10.	69	14	14					
	10.	70	14	14	10.	70	14	14	10.	70	14	14	10.	70	14	14					
	10.	71	14	14	10.	71	14	14	10.	71	14	14	10.	71	14	14					
	10.	72	14	14	10.	72	14	14	10.	72	14	14	10.	72	14	14					
	10.	73	14	14	10.	73	14	14	10.	73	14	14	10.	73	14	14					
	10.	74	14	14	10.	74	14	14	10.	74	14	14	10.	74	14	14					
	10.	75	14	14	10.	75	14	14	10.	75	14	14	10.	75	14	14					
	10.	76	14	14	10.	76	14	14	10.	76	14	14	10.	76	14	14					
	10.	77	14	14	10.	77	14	14	10.	77	14	14	10.	77	14	14					
	10.	78	14	14	10.	78	14	14	10.	78	14	14	10.	78	14	14					
	10.	79	14	14	10.	79	14	14	10.	79	14	14	10.	79	14	14					
	10.	80	14	14	10.	80	14	14	10.	80	14	14	10.	80	14	14					
	10.	81	14	14	10.	81	14	14	10.	81	14	14	10.	81	14	14					
	10.	82	14	14	10.	82	14	14	10.	82	14	14	10.	82	14	14					
	10.	83	14	14	10.	83	14	14	10.	83	14	14	10.	83	14	14					
	10.	84	14	14	10.	84	14	14	10.	84	14	14	10.	84	14	14					
	10.	85	14	14	10.	85	14	14	10.	85	14	14	10.	85	14	14					
	10.	86	14	14	10.	86	14	14	10.	86	14	14	10.	86	14	14					
	10.	87	14	14	10.	87	14	14	10.	87	14	14	10.	87	14	14					
	10.	88	14	14	10.	88	14	14	10.	88	14	14	10.	88	14	14					
	10.	89	14	14	10.	89	14	14	10.	89	14	14	10.	89	14	14					
	10.	90	14	14	10.	90	14	14	10.	90	14	14	10.	90	14	14					
	10.	91	14	14	10.	91	14	14	10.	91	14	14	10.	91	14	14					
	10.	92	14	14	10.	92	14	14	10.	92	14	14	10.	92	14	14					
	10.	93	14	14	10.	93	14	14	10.	93	14	14	10.	93	14	14					
	10.	94	14	14	10.	94	14	14	10.	94	14	14	10.	94	14	14					
	10.	95	14	14	10.	95	14	14													

Company: *H. H. & T. Drilling Co.*Well: *Block 77-10-10-14*Contractor: *OZARK DRILLING*

## TECHNICAL OIL CONSULTANTS LTD.

## DAILY DRILLING REPORT

DEPTH	1st Tour								2nd Tour								3rd Tour								Days on Well											
	From:		To:		Hole Made		Hole Size		Formation		From:		To:		Hole Made		Hole Size		Formation		From:		To:			Hole Made		Hole Size		Formation						
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation																
DRILL PIPE	384	396	12			396	408	12	2		408	423	15	2		423	440	12	2		440	458	15	2		12 P.M.										
BIT RECORD	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	12 P.M.										
SURVEYS	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	Drilled	Reamed	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	Drilled	Reamed	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	Drilled	Reamed	12 P.M.								
SLUSH PUMP RECORD	Bit Serial No.	R.P.M. 33								Bit Serial No.	R.P.M. 33								Bit Serial No.	R.P.M. 35								Bit Serial No.	R.P.M. 35							
Pump No. 1	Kind	at	Ft.	Deg. off								Kind	at	Ft.	Deg. off								Kind	at	Ft.	Deg. off										
MUD RECORD	On Line	HOURS	Line Press	REPAIRS								On Line	HOURS	Line Press	REPAIRS								On Line	HOURS	Line Press	REPAIRS										
CORING	5 1/2	3/4	200	Yes	No																															
DETAIL OF OPERATIONS AND REMARKS	Wt.	Visc.	W.L.	Time	Additives								Wt.	Visc.	W.L.	Time	Additives								Wt.	Visc.	W.L.	Time	Additives							
	50	52											14	14	14										14	14	14									
	60	42											14	14	14										14	14	14									
	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	Hrs.										
	384	396	10'	2	Core	396	408	14	5	Core	408	423	14	5	Core	423	440	14	5	Core	440	458	14	5	Core	458										
	Total Contract Time hrs. Total Company Time hrs.												Total Contract Time hrs. Total Company Time hrs.												Total Contract Time hrs. Total Company Time hrs.											
	Speed rig 1/2												Coring 4 1/2												Coring 4 1/2											
	Weld out 1 1/2												Lift out + Travel 3/4												Rig out 1 1/2											
	Break down 1 1/2												Hose and tools + W.O. 2 1/4												Rig down 1 1/2											
	Total 14												Total 14												Total 14											
	Driller A-H 200 ft												Driller H. W. Redding												Driller E. Taylor											

Toolpusher

Approved by

# TECHNICAL OIL CONSULTANTS LTD.

## DAILY DRILLING REPORT

Company: .....

Well: .....

Contractor: .....

Type Rig: .....

Date: 7/26/1972

Days on Well: .....

### DEPTH

From	To	Hole Made	Hole Size	Formation	1st Tour From: 12:00 P.M. To: 4:00 P.M.		
					362'	371'	9'
Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	8 1/2"	8 1/2"	8 1/2"

From	To	Hole Made	Hole Size	Formation	2nd Tour From: 4:00 P.M. To: 8:00 P.M.		
371'	380'	9'	9 1/2"	Formation	11	24	25
Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	9 1/2"	21.90	21.90

From	To	Hole Made	Hole Size	Formation	3rd Tour From: 8:00 P.M. To: 12:00 P.M.		
380'	384'	9'	9 1/2"	Formation	11	24	25
Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	9 1/2"	21.90	21.90

No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET	
Drilled	Ramed							

Bit Serial No. R.P.M. 75

Bit Serial No. R.P.M. 75

Bit Serial No. R.P.M. 30

### SURVEYS

### SLUSH PUMP RECORD

Pump No. 1

Kind	at	Ft.	Deg. off
HOURS		Line Press	REPAIRS
On Line	Circulating	Yes	No

Kind	at	Ft.	Deg. off
HOURS		Line Press	REPAIRS
On Line	Circulating	Yes	No

Kind	at	Ft.	Deg. off
HOURS		Line Press	REPAIRS
On Line	Circulating	Yes	No

### MUD RECORD

Wt.	Visc.	W.L.	Time	Additives
45				
46				

Wt.	Visc.	W.L.	Time	Additives
46				

Wt.	Visc.	W.L.	Time	Additives
46				

Total Contract Time hrs. Total Company Time hrs.

Total Contract Time hrs. Total Company Time hrs.

Total Contract Time hrs. Total Company Time hrs.

### DETAIL OF OPERATIONS AND REMARKS

CONDITIONING MUD  
REAMED INTO MUDLINE & CIRCLED 9 1/2"  
CORED 2  
BROKE OFF AND PULLED 1 1/2"  
SEA RIG 14

SEA RIG 14  
FUMED MUDLINE 14  
TESTED 0 14  
PULLED 14  
MUDLINE CLEANED 14  
CORED 2

Driller: M

Driller: M

Driller: F. Taylor

Approved by: \_\_\_\_\_

Company: *Pinch*  
Well: *Two 1/2*

# TECHNICAL OIL CONSULTANTS LTD.

## DAILY DRILLING REPORT

DEPTH	1st Tour										2nd Tour										3rd Tour										Type Rig		Date	Days on Well	
	From		To		Hole Made		Hole Size		Formation		From		To		Hole Made		Hole Size		Formation		From		To		Hole Made		Hole Size		Formation		Core Bbl. Ft.		11-6-14	14	
	351	352			8 1/2		5 1/2		5 1/2		352	353			10 1/2		8 1/2		8 1/2		353	352			10 1/2		8 1/2		8 1/2		SHALE	Core Bbl. Ft.	Core Bbl. Ft.		
DRILL PIPE	Stds.	Singles	Kelly	Drill Collar Ft.		Core Bbl. Ft.				Stds.	Singles	Kelly	Drill Collar Ft.		Core Bbl. Ft.				Stds.	Singles	Kelly	Drill Collar Ft.		Core Bbl. Ft.											
BIT RECORD	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET									
SURVEYS								Drilled	Reamed							Drilled	Reamed									Drilled	Reamed								
SLUSH PUMP RECORD	Bit Serial No.	R.P.M. 400										Bit Serial No.	R.P.M. 100										Bit Serial No.	R.P.M. 70											
Pump No. 1	Kind	at	Ft.	HOURS		Line Press	REPAIRS		Kind	at	Ft.	HOURS		Line Press	REPAIRS		Kind	at	Ft.	HOURS		Line Press	REPAIRS		Kind	at	Ft.	HOURS		Line Press	REPAIRS				
MUD RECORD	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No											
CORING	Wt.	Visc.	W.L.	Time	Additives				Wt.	Visc.	W.L.	Time	Additives				Wt.	Visc.	W.L.	Time	Additives				Wt.	Visc.	W.L.	Time	Additives						
DETAIL OF OPERATIONS AND REMARKS	From	To	Ft. Rec'd.	Core No.	Type	Bbl.	From	To	Ft. Rec'd.	Core No.	Type	Bbl.	From	To	Ft. Rec'd.	Core No.	Type	Bbl.	From	To	Ft. Rec'd.	Core No.	Type	Bbl.	From	To	Ft. Rec'd.	Core No.	Type	Bbl.					
	351	352	0	1	Core 1 bbl				352	353	0	2	Core 1 bbl				353	352	0																
					5 1/2 x 3 1/2								5 1/2 x 3 1/2								5 1/2 x 3 1/2														
					Hrs.								Hrs.								Hrs.								Hrs.						



# TECHNICAL OIL CONSULTANTS LTD.

## DAILY DRILLING REPORT

Company: Technical Oil Consultants Ltd.

Well: 100-10-12-10

Contractor: Technical Oil Consultants Ltd.

Type Rig: 100-10-12-10

Date: 10/10/1968

Days on Well: 100-10-12-10

DEPTH	1st Tour From: <u>100-10-12-10</u> To: <u>100-10-12-10</u>						2nd Tour From: <u>100-10-12-10</u> To: <u>100-10-12-10</u>						3rd Tour From: <u>100-10-12-10</u> To: <u>100-10-12-10</u>																																																																																																																																																																							
	From		To		Hole Made	Hole Size	Formation		From		To		Hole Made	Hole Size	Formation		From		To		Hole Made	Hole Size	Formation																																																																																																																																																													
	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.		Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.		Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.																																																																																																																																																																			
DRILL PIPE	Drill Pipe Log												Drill Pipe Log																																																																																																																																																																							
	<table border="1"> <thead> <tr> <th>No.</th> <th>Type</th> <th>On Bottom At</th> <th>Pulled At</th> <th>Total Hours Run</th> <th>Depth</th> <th>Wt. Lbs.</th> <th colspan="2">FEET</th> <th>No.</th> <th>Type</th> <th>On Bottom At</th> <th>Pulled At</th> <th>Total Hours Run</th> <th>Depth</th> <th>Wt. Lbs.</th> <th colspan="2">FEET</th> <th>No.</th> <th>Type</th> <th>On Bottom At</th> <th>Pulled At</th> <th>Total Hours Run</th> <th>Depth</th> <th>Wt. Lbs.</th> <th colspan="2">FEET</th> </tr> <tr> <th>Drilled</th> <th>Reamed</th> </tr> </thead> <tbody> <tr> <td></td> </tr> </tbody> </table>												No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		Drilled	Reamed	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed																											<table border="1"> <thead> <tr> <th>Bit Serial No.</th> <th colspan="4">R.P.M. <u>100</u></th> <th>Bit Serial No.</th> <th colspan="4">R.P.M. <u>100</u></th> <th>Bit Serial No.</th> <th colspan="4">R.P.M. <u>100</u></th> </tr> <tr> <th>Kind</th> <th>at</th> <th>Ft.</th> <th colspan="2">Deg. off</th> <th>Kind</th> <th>at</th> <th>Ft.</th> <th colspan="2">Deg. off</th> <th>Kind</th> <th>at</th> <th>Ft.</th> <th colspan="2">Deg. off</th> </tr> <tr> <th colspan="2">HOURS</th> <th>Line Press</th> <th colspan="2">REPAIRS</th> <th colspan="2">HOURS</th> <th>Line Press</th> <th colspan="2">REPAIRS</th> <th colspan="2">HOURS</th> <th>Line Press</th> <th colspan="2">REPAIRS</th> </tr> <tr> <th>On Line</th> <th>Circulating</th> <th>Yes</th> <th>No</th> <th>On Line</th> <th>Circulating</th> <th>Yes</th> <th>No</th> <th>On Line</th> <th>Circulating</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td></td> </tr> </tbody> </table>												Bit Serial No.	R.P.M. <u>100</u>				Bit Serial No.	R.P.M. <u>100</u>				Bit Serial No.	R.P.M. <u>100</u>				Kind	at	Ft.	Deg. off		Kind	at	Ft.	Deg. off		Kind	at	Ft.	Deg. off		HOURS		Line Press	REPAIRS		HOURS		Line Press	REPAIRS		HOURS		Line Press	REPAIRS		On Line	Circulating	Yes	No	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No																						
	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET																																																																																																																																																										
Drilled	Reamed	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed																																																																																																																																																													
Bit Serial No.	R.P.M. <u>100</u>				Bit Serial No.	R.P.M. <u>100</u>				Bit Serial No.	R.P.M. <u>100</u>																																																																																																																																																																									
Kind	at	Ft.	Deg. off		Kind	at	Ft.	Deg. off		Kind	at	Ft.	Deg. off																																																																																																																																																																							
HOURS		Line Press	REPAIRS		HOURS		Line Press	REPAIRS		HOURS		Line Press	REPAIRS																																																																																																																																																																							
On Line	Circulating	Yes	No	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No																																																																																																																																																																									
BIT RECORD	Bit Record Log												Bit Record Log																																																																																																																																																																							
	<table border="1"> <thead> <tr> <th>Wt.</th> <th>Visc.</th> <th>W.L.</th> <th>Time</th> <th colspan="4">Additives</th> <th>Wt.</th> <th>Visc.</th> <th>W.L.</th> <th>Time</th> <th colspan="4">Additives</th> <th>Wt.</th> <th>Visc.</th> <th>W.L.</th> <th>Time</th> <th colspan="4">Additives</th> </tr> <tr> <td></td> </tr> </thead> <tbody> <tr> <td></td> </tr> </tbody> </table>												Wt.	Visc.	W.L.	Time	Additives				Wt.	Visc.	W.L.	Time	Additives				Wt.	Visc.	W.L.	Time	Additives																																																				<table border="1"> <thead> <tr> <th>From</th> <th>To</th> <th>Ft. Rec'd.</th> <th>Core No.</th> <th>Type Bbl.</th> <th>From</th> <th>To</th> <th>Ft. Rec'd.</th> <th>Core No.</th> <th>Type Bbl.</th> <th>From</th> <th>To</th> <th>Ft. Rec'd.</th> <th>Core No.</th> <th>Type Bbl.</th> </tr> </thead> <tbody> <tr> <td></td> </tr> </tbody> </table>												From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.																																																																					
	Wt.	Visc.	W.L.	Time	Additives				Wt.	Visc.	W.L.	Time	Additives				Wt.	Visc.	W.L.	Time	Additives																																																																																																																																																															
From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.																																																																																																																																																																						
SURVEYS	Survey Log												Survey Log																																																																																																																																																																							
	<table border="1"> <thead> <tr> <th colspan="4">Total Contract Time <u>100-10-12-10</u> hrs.</th> <th colspan="4">Total Company Time <u>100-10-12-10</u> hrs.</th> <th colspan="4">Total Contract Time <u>100-10-12-10</u> hrs.</th> <th colspan="4">Total Company Time <u>100-10-12-10</u> hrs.</th> <th colspan="4">Total Contract Time <u>100-10-12-10</u> hrs.</th> <th colspan="4">Total Company Time <u>100-10-12-10</u> hrs.</th> </tr> </thead> <tbody> <tr> <td></td> </tr> </tbody> </table>												Total Contract Time <u>100-10-12-10</u> hrs.				Total Company Time <u>100-10-12-10</u> hrs.				Total Contract Time <u>100-10-12-10</u> hrs.				Total Company Time <u>100-10-12-10</u> hrs.				Total Contract Time <u>100-10-12-10</u> hrs.				Total Company Time <u>100-10-12-10</u> hrs.																											<table border="1"> <thead> <tr> <th colspan="4">Total Contract Time <u>100-10-12-10</u> hrs.</th> <th colspan="4">Total Company Time <u>100-10-12-10</u> hrs.</th> <th colspan="4">Total Contract Time <u>100-10-12-10</u> hrs.</th> <th colspan="4">Total Company Time <u>100-10-12-10</u> hrs.</th> <th colspan="4">Total Contract Time <u>100-10-12-10</u> hrs.</th> <th colspan="4">Total Company Time <u>100-10-12-10</u> hrs.</th> </tr> </thead> <tbody> <tr> <td></td> </tr> </tbody> </table>												Total Contract Time <u>100-10-12-10</u> hrs.				Total Company Time <u>100-10-12-10</u> hrs.				Total Contract Time <u>100-10-12-10</u> hrs.				Total Company Time <u>100-10-12-10</u> hrs.				Total Contract Time <u>100-10-12-10</u> hrs.				Total Company Time <u>100-10-12-10</u> hrs.																																																																																								
	Total Contract Time <u>100-10-12-10</u> hrs.				Total Company Time <u>100-10-12-10</u> hrs.				Total Contract Time <u>100-10-12-10</u> hrs.				Total Company Time <u>100-10-12-10</u> hrs.				Total Contract Time <u>100-10-12-10</u> hrs.				Total Company Time <u>100-10-12-10</u> hrs.																																																																																																																																																															
Total Contract Time <u>100-10-12-10</u> hrs.				Total Company Time <u>100-10-12-10</u> hrs.				Total Contract Time <u>100-10-12-10</u> hrs.				Total Company Time <u>100-10-12-10</u> hrs.				Total Contract Time <u>100-10-12-10</u> hrs.				Total Company Time <u>100-10-12-10</u> hrs.																																																																																																																																																																
SLUSH PUMP RECORD	Slush Pump Log												Slush Pump Log																																																																																																																																																																							
	<table border="1"> <thead> <tr> <th colspan="4">Pump No. 1</th> <th colspan="4">On Line</th> <th colspan="4">Circulating</th> <th colspan="4">Line Press</th> <th colspan="4">Yes</th> <th colspan="4">No</th> </tr> </thead> <tbody> <tr> <td></td> </tr> </tbody> </table>												Pump No. 1				On Line				Circulating				Line Press				Yes				No																										<table border="1"> <thead> <tr> <th colspan="4">On Line</th> <th colspan="4">Circulating</th> <th colspan="4">Line Press</th> <th colspan="4">Yes</th> <th colspan="4">No</th> </tr> </thead> <tbody> <tr> <td></td> </tr> </tbody> </table>												On Line				Circulating				Line Press				Yes				No																																																																																													
	Pump No. 1				On Line				Circulating				Line Press				Yes				No																																																																																																																																																															
On Line				Circulating				Line Press				Yes				No																																																																																																																																																																				
MUD RECORD	Mud Log												Mud Log																																																																																																																																																																							
	<table border="1"> <thead> <tr> <th colspan="4">Wt. <u>100-10-12-10</u></th> <th colspan="4">Visc. <u>100-10-12-10</u></th> <th colspan="4">W.L. <u>100-10-12-10</u></th> <th colspan="4">Time <u>100-10-12-10</u></th> <th colspan="4">Additives</th> <th colspan="4">Wt. <u>100-10-12-10</u></th> <th colspan="4">Visc. <u>100-10-12-10</u></th> <th colspan="4">W.L. <u>100-10-12-10</u></th> <th colspan="4">Time <u>100-10-12-10</u></th> <th colspan="4">Additives</th> </tr> </thead> </table>												Wt. <u>100-10-12-10</u>				Visc. <u>100-10-12-10</u>				W.L. <u>100-10-12-10</u>				Time <u>100-10-12-10</u>				Additives				Wt. <u>100-10-12-10</u>				Visc. <u>100-10-12-10</u>				W.L. <u>100-10-12-10</u>				Time <u>100-10-12-10</u>				Additives				<table border="1"> <thead> <tr> <th colspan="4">Wt. <u>100-10-12-10</u></th> <th colspan="4">Visc. <u>100-10-12-10</u></th> <th colspan="4">W.L. <u>100-10-12-10</u></th> <th colspan="4">Time <u>100-10-12-10</u></th> <th colspan="4">Additives</th> <th colspan="4">Wt. <u>100-10-12-10</u></th> <th colspan="4">Visc. <u>100-10-12-10</u></th> <th colspan="4">W.L. <u>100-10-12-10</u></th> <th colspan="4">Time <u>100-10-12-10</u></th> <th colspan="4">Additives</th> </tr> </thead> </table>												Wt. <u>100-10-12-10</u>				Visc. <u>100-10-12-10</u>				W.L. <u>100-10-12-10</u>				Time <u>100-10-12-10</u>				Additives				Wt. <u>100-10-12-10</u>				Visc. <u>100-10-12-10</u>				W.L. <u>100-10-12-10</u>				Time <u>100-10-12-10</u>				Additives																																																																															
	Wt. <u>100-10-12-10</u>				Visc. <u>100-10-12-10</u>				W.L. <u>100-10-12-10</u>				Time <u>100-10-12-10</u>				Additives				Wt. <u>100-10-12-10</u>				Visc. <u>100-10-12-10</u>				W.L. <u>100-10-12-10</u>				Time <u>100-10-12-10</u>				Additives																																																																																																																																															
Wt. <u>100-10-12-10</u>				Visc. <u>100-10-12-10</u>				W.L. <u>100-10-12-10</u>				Time <u>100-10-12-10</u>				Additives				Wt. <u>100-10-12-10</u>				Visc. <u>100-10-12-10</u>				W.L. <u>100-10-12-10</u>				Time <u>100-10-12-10</u>				Additives																																																																																																																																																
CORING	Coring Log												Coring Log																																																																																																																																																																							
	<table border="1"> <thead> <tr> <th colspan="4">From <u>100-10-12-10</u></th> <th colspan="4">To <u>100-10-12-10</u></th> <th colspan="4">Ft. Rec'd. <u>100-10-12-10</u></th> <th colspan="4">Core No. <u>100-10-12-10</u></th> <th colspan="4">Type Bbl. <u>100-10-12-10</u></th> <th colspan="4">From <u>100-10-12-10</u></th> <th colspan="4">To <u>100-10-12-10</u></th> <th colspan="4">Ft. Rec'd. <u>100-10-12-10</u></th> <th colspan="4">Core No. <u>100-10-12-10</u></th> <th colspan="4">Type Bbl. <u>100-10-12-10</u></th> </tr> </thead> </table>												From <u>100-10-12-10</u>				To <u>100-10-12-10</u>				Ft. Rec'd. <u>100-10-12-10</u>				Core No. <u>100-10-12-10</u>				Type Bbl. <u>100-10-12-10</u>				From <u>100-10-12-10</u>				To <u>100-10-12-10</u>				Ft. Rec'd. <u>100-10-12-10</u>				Core No. <u>100-10-12-10</u>				Type Bbl. <u>100-10-12-10</u>				<table border="1"> <thead> <tr> <th colspan="4">From <u>100-10-12-10</u></th> <th colspan="4">To <u>100-10-12-10</u></th> <th colspan="4">Ft. Rec'd. <u>100-10-12-10</u></th> <th colspan="4">Core No. <u>100-10-12-10</u></th> <th colspan="4">Type Bbl. <u>100-10-12-10</u></th> <th colspan="4">From <u>100-10-12-10</u></th> <th colspan="4">To <u>100-10-12-10</u></th> <th colspan="4">Ft. Rec'd. <u>100-10-12-10</u></th> <th colspan="4">Core No. <u>100-10-12-10</u></th> <th colspan="4">Type Bbl. <u>100-10-12-10</u></th> </tr> </thead> </table>												From <u>100-10-12-10</u>				To <u>100-10-12-10</u>				Ft. Rec'd. <u>100-10-12-10</u>				Core No. <u>100-10-12-10</u>				Type Bbl. <u>100-10-12-10</u>				From <u>100-10-12-10</u>				To <u>100-10-12-10</u>				Ft. Rec'd. <u>100-10-12-10</u>				Core No. <u>100-10-12-10</u>				Type Bbl. <u>100-10-12-10</u>																																																																															
	From <u>100-10-12-10</u>				To <u>100-10-12-10</u>				Ft. Rec'd. <u>100-10-12-10</u>				Core No. <u>100-10-12-10</u>				Type Bbl. <u>100-10-12-10</u>				From <u>100-10-12-10</u>				To <u>100-10-12-10</u>				Ft. Rec'd. <u>100-10-12-10</u>				Core No. <u>100-10-12-10</u>				Type Bbl. <u>100-10-12-10</u>																																																																																																																																															
From <u>100-10-12-10</u>				To <u>100-10-12-10</u>				Ft. Rec'd. <u>100-10-12-10</u>				Core No. <u>100-10-12-10</u>				Type Bbl. <u>100-10-12-10</u>				From <u>100-10-12-10</u>				To <u>100-10-12-10</u>				Ft. Rec'd. <u>100-10-12-10</u>				Core No. <u>100-10-12-10</u>				Type Bbl. <u>100-10-12-10</u>																																																																																																																																																
DETAIL OF OPERATIONS AND REMARKS	Detail of Operations and Remarks																																																																																																																																																																																			
	Driller: <u>W.H. BROWN</u>												Driller: <u>M.J. COOPER</u>												Driller: <u>E.T. HARRIS</u>																																																																																																																																																											
	Toolpusher: <u>W.H. BROWN</u>												Toolpusher: <u>M.J. COOPER</u>												Toolpusher: <u>E.T. HARRIS</u>																																																																																																																																																											

Approved by: \_\_\_\_\_



# TECHNICAL OIL CONSULTANTS LTD.

## DAILY DRILLING REPORT

Company: *Techn. Oil Consultants Ltd.*

Well: *12-A-11*

Contractor: *12-A-11*

Type Rig: *12-A-11*

Date: *11/1/44*

Days on Well: *10*

DEPTH	1st Tour From: <i>12-A-11</i> To: <i>12-A-11</i>						2nd Tour From: <i>12-A-11</i> To: <i>12-A-11</i>						3rd Tour From: <i>12-A-11</i> To: <i>12-A-11</i>																									
	From		To		Hole Made	Hole Size	Formation		From		To		Hole Made	Hole Size	Formation		From		To		Hole Made	Hole Size	Formation															
	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.																							
DRILL PIPE																																						
BIT RECORD	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET												
	Drilled		Reamed								Drilled		Reamed						Drilled		Reamed																	
	Bit Serial No. <i>12-A-11</i> R.P.M. <i>1000</i>												Bit Serial No. <i>12-A-11</i> R.P.M. <i>1000</i>												Bit Serial No. <i>12-A-11</i> R.P.M. <i>1000</i>													
SURVEYS	Kind	at	Ft.	Deg. off			Kind	at	Ft.	Deg. off			Kind	at	Ft.	Deg. off																						
	HOURS			Line Press	REPAIRS			HOURS			Line Press	REPAIRS			HOURS			Line Press	REPAIRS																			
	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No																										
SLUSH PUMP RECORD	Wt.	Visc.	W.L.	Time	Additives			Wt.	Visc.	W.L.	Time	Additives			Wt.	Visc.	W.L.	Time	Additives																			
	Pump No. 1																																					
	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.																							
MUD RECORD																																						
CORING																																						
DETAIL OF OPERATIONS AND REMARKS	Total Contract Time <i>1000</i> hrs. Total Company Time <i>1000</i> hrs.												Total Contract Time <i>1000</i> hrs. Total Company Time <i>1000</i> hrs.												Total Contract Time <i>1000</i> hrs. Total Company Time <i>1000</i> hrs.													
	<i>W.P. Pump</i>												<i>W.O. Pump</i>												<i>W.O. Pump</i>													
Driller: <i>12-A-11</i>													Driller: <i>12-A-11</i>													Driller: <i>12-A-11</i>												

Toolpusher: *12-A-11*

Approved by: *12-A-11*

# TECHNICAL OIL CONSULTANTS LTD.

## DAILY DRILLING REPORT

**Company:** \_\_\_\_\_

Well.....Contract

**Contractor.....**

## Type Rig .....

...Date.

1960-1961

## Days on Well...

Toolpusher

Approved by \_\_\_\_\_

# TECHNICAL OIL CONSULTANTS LTD.

## DAILY DRILLING REPORT

**Company:** .....  
.....

Well.....

**Contractor.....**

## Type Rig ...

...Date

## Days on Well...

## Toolpusher

Approved by ....

# TECHNICAL OIL CONSULTANTS LTD.

## DAILY DRILLING REPORT

Company: P

Well: P

Contractor: 1

Type Rig: 1

Date: 1/1/72

Days on Well: 7

DEPTH	1st Tour From: <u>1</u> To: <u>1</u>						2nd Tour From: <u>1</u> To: <u>1</u>						3rd Tour From: <u>1</u> To: <u>1</u>																																																																																																																																
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation																																																																																																																														
	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.																																																																																																																														
DRILL PIPE	Drill Collar Ft. Core Bbl. Ft.												Drill Collar Ft. Core Bbl. Ft.																																																																																																																																
	<table border="1"> <thead> <tr> <th rowspan="2">No.</th><th rowspan="2">Type</th><th rowspan="2">On Bottom At</th><th rowspan="2">Pulled At</th><th rowspan="2">Total Hours Run</th><th rowspan="2">Depth</th><th rowspan="2">Wt. Lbs.</th><th colspan="2">FEET</th> <th rowspan="2">No.</th><th rowspan="2">Type</th><th rowspan="2">On Bottom At</th><th rowspan="2">Pulled At</th><th rowspan="2">Total Hours Run</th><th rowspan="2">Depth</th><th rowspan="2">Wt. Lbs.</th><th colspan="2">FEET</th> <th rowspan="2">No.</th><th rowspan="2">Type</th><th rowspan="2">On Bottom At</th><th rowspan="2">Pulled At</th><th rowspan="2">Total Hours Run</th><th rowspan="2">Depth</th><th rowspan="2">Wt. Lbs.</th><th colspan="2">FEET</th> </tr> <tr> <th>Drilled</th><th>Reamed</th> <th>Drilled</th><th>Reamed</th> </tr> </thead> <tbody> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>												No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		Drilled	Reamed	Drilled	Reamed																													<table border="1"> <thead> <tr> <th rowspan="2">No.</th><th rowspan="2">Type</th><th rowspan="2">On Bottom At</th><th rowspan="2">Pulled At</th><th rowspan="2">Total Hours Run</th><th rowspan="2">Depth</th><th rowspan="2">Wt. Lbs.</th><th colspan="2">FEET</th> <th rowspan="2">No.</th><th rowspan="2">Type</th><th rowspan="2">On Bottom At</th><th rowspan="2">Pulled At</th><th rowspan="2">Total Hours Run</th><th rowspan="2">Depth</th><th rowspan="2">Wt. Lbs.</th><th colspan="2">FEET</th> <th rowspan="2">No.</th><th rowspan="2">Type</th><th rowspan="2">On Bottom At</th><th rowspan="2">Pulled At</th><th rowspan="2">Total Hours Run</th><th rowspan="2">Depth</th><th rowspan="2">Wt. Lbs.</th><th colspan="2">FEET</th> </tr> <tr> <th>Drilled</th><th>Reamed</th> <th>Drilled</th><th>Reamed</th> </tr> </thead> <tbody> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>												No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		Drilled	Reamed	Drilled	Reamed																											
No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At								Total Hours Run	Depth								Wt. Lbs.	FEET								No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET																																																																																																
							Drilled	Reamed					Drilled	Reamed																																																																																																																															
No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET																																																																																																																				
							Drilled	Reamed								Drilled	Reamed																																																																																																																												
BIT RECORD	R.P.M.												R.P.M.																																																																																																																																
	Bit Serial No.												Bit Serial No.																																																																																																																																
SURVEYS	R.P.M.												R.P.M.																																																																																																																																
	Bit Serial No.												Bit Serial No.																																																																																																																																
SLUSH PUMP RECORD	Kind at Ft. Deg. off						Kind at Ft. Deg. off						Kind at Ft. Deg. off																																																																																																																																
	HOURS			Line Press	REPAIRS			HOURS			Line Press	REPAIRS			HOURS			Line Press	REPAIRS																																																																																																																										
Pump No. 1	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No																																																																																																																													
	On Line Circulating												On Line Circulating																																																																																																																																
MUD RECORD	Additives						Additives						Additives						Additives																																																																																																																										
	Wt.	Visc.	W.L.	Time	Wt.	Visc.	W.L.	Time	Wt.	Visc.	W.L.	Time	Wt.	Visc.	W.L.	Time	Wt.	Visc.	W.L.	Time	Wt.	Visc.	W.L.	Time																																																																																																																					
CORING	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.																																																																																																																				
	Hrs.												Hrs.												Hrs.																																																																																																																				
Total Contract Time <u>hrs.</u> Total Company Time <u>hrs.</u> Total Contract Time <u>hrs.</u> Total Company Time <u>hrs.</u> Total Contract Time <u>hrs.</u> Total Company Time <u>hrs.</u>																																																																																																																																													
DETAIL OF OPERATIONS AND REMARKS	1st Tour												2nd Tour												3rd Tour																																																																																																																				
	1st Tour												2nd Tour												3rd Tour																																																																																																																				
Driller: <u>1/1/2024</u>	Driller: <u>1/1/2024</u>												Driller: <u>1/1/2024</u>																																																																																																																																

Toolpusher: 1/1/2024

Approved by: 1/1/2024

Company: *Pennell*

Well: *Pennell 1*

Contractor

*TEKRAK*

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Days on Well

DEPTH

1st Tour From: *12:30*

To: *8:17 AM*

From: *12:30*

To: *8:17 AM*

Hole Made

Hole Size

Formation

Type Rig

2nd Tour From: *8 AM*

To: *12:30*

From: *8 AM*

To: *12:30*

Hole Made

Hole Size

Formation

3rd Tour From: *12:30*

To: *12:30*

From: *12:30*

To: *12:30*

Hole Made

Hole Size

Formation

Date

*Aug 7*

DAILY DRILLING REPORT

Days on Well

DRILL PIPE

1st Tour From: *12:30*

To: *8:17 AM*

From: *12:30*

To: *8:17 AM*

Hole Made

Hole Size

Formation

2nd Tour From: *8 AM*

To: *12:30*

From: *8 AM*

To: *12:30*

Hole Made

Hole Size

Formation

3rd Tour From: *12:30*

To: *12:30*

From: *12:30*

To: *12:30*

Hole Made

Hole Size

Formation

BIT RECORD

1st Tour From: *12:30*

To: *8:17 AM*

From: *12:30*

To: *8:17 AM*

Hole Made

Hole Size

Formation

2nd Tour From: *8 AM*

To: *12:30*

From: *8 AM*

To: *12:30*

Hole Made

Hole Size

Formation

3rd Tour From: *12:30*

To: *12:30*

From: *12:30*

To: *12:30*

Hole Made

Hole Size

Formation

SURVEYS

SLUSH PUMP RECORD

Pump No. 1

1st Tour From: *12:30*

To: *8:17 AM*

From: *12:30*

To: *8:17 AM*

Hole Made

Hole Size

Formation

2nd Tour From: *8 AM*

To: *12:30*

From: *8 AM*

To: *12:30*

Hole Made

Hole Size

Formation

3rd Tour From: *12:30*

To: *12:30*

From: *12:30*

To: *12:30*

Hole Made

Hole Size

Formation

MUD RECORD

1st Tour From: *12:30*

To: *8:17 AM*

From: *12:30*

To: *8:17 AM*

Hole Made

Hole Size

Formation

2nd Tour From: *8 AM*

To: *12:30*

From: *8 AM*

To: *12:30*

Hole Made

Hole Size

Formation

3rd Tour From: *12:30*

To: *12:30*

From: *12:30*

To: *12:30*

Hole Made

Hole Size

Formation

CORING

1st Tour From: *12:30*

To: *8:17 AM*

From: *12:30*

To: *8:17 AM*

Hole Made

Hole Size

Formation

2nd Tour From: *8 AM*

To: *12:30*

From: *8 AM*

To: *12:30*

Hole Made

Hole Size

Formation

3rd Tour From: *12:30*

To: *12:30*

From: *12:30*

To: *12:30*

Hole Made

Hole Size

Formation

DETAIL OF OPERATIONS AND REMARKS

Total Contract Time: *hrs.* Total Company Time: *hrs.*

*W.D. Boring*

## TECHNICAL OIL CONSULTANTS LTD.

## DAILY DRILLING REPORT

Company: ParrotWell: Block No. 6Contractor: 1717K

Type Rig

Date: Aug 5Days on Well: 5

DEPTH	1st Tour From: <u>1717K</u> To: <u>1717K</u>						2nd Tour From: <u>1717K</u> To: <u>1717K</u>						3rd Tour From: <u>1717K</u> To: <u>1717K</u>														
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation												
DRILL PIPE	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.												
	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	Drilled	Reamed	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	Drilled	Reamed	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	Drilled	Reamed
BIT RECORD	Bit Serial No. <u>1717K</u> R.P.M. <u>1717K</u>								Bit Serial No. <u>1717K</u> R.P.M. <u>1717K</u>								Bit Serial No. <u>1717K</u> R.P.M. <u>1717K</u>										
	Kind at Ft. Deg. off								Kind at Ft. Deg. off								Kind at Ft. Deg. off										
SURVEYS	HOURS				Line Press	REPAIRS				HOURS				Line Press	REPAIRS				HOURS				Line Press	REPAIRS			
	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No											
SLUSH-PUMP RECORD	Wt.	Visc.	W.L.	Time	Additives				Wt.	Visc.	W.L.	Time	Additives				Wt.	Visc.	W.L.	Time	Additives						
	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.							
MUD RECORD	Hrs.								Hrs.								Hrs.										
	Total Contract Time <u>1717K</u> hrs. Total Company Time <u>1717K</u> hrs.								Total Contract Time <u>1717K</u> hrs. Total Company Time <u>1717K</u> hrs.								Total Contract Time <u>1717K</u> hrs. Total Company Time <u>1717K</u> hrs.										
CORING	W.L. Pressing <u>1717K</u>								W.L. Pressing <u>1717K</u>								W.L. Pressing <u>1717K</u>										
	Line Threading <u>1717K</u>								Line Threading <u>1717K</u>								Line Threading <u>1717K</u>										
DETAIL OF OPERATIONS AND REMARKS	Driller <u>1717K</u>								Driller <u>1717K</u>								Driller <u>1717K</u>										

Toolpusher J.C. Allen Approved by \_\_\_\_\_

# TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Company: Reed

Well: 2000-1 #6

Contractor: 17 ARK

Type Rig

Date: Aug 1

Days on Well: 1

DEPTH	1st Tour						2nd Tour						3rd Tour							
	From:		To:		Hole Made		From:		To:		Hole Made		From:		To:		Hole Made			
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation					
DRILL PIPE	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.					
BIT RECORD	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	Drilled	reamed	FEET	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	Drilled	reamed	FEET
SURVEYS	Bit Serial No. R.P.M.						Bit Serial No. R.P.M.						Bit Serial No. R.P.M.							
SLUSH PUMP RECORD	Kind	at	Ft.	Deg. off		Kind	at	Ft.	Deg. off		Kind	at	Ft.	Deg. off						
Pump No. 1	HOURS			Line	REPAIRS	HOURS			Line	REPAIRS	HOURS			Line	REPAIRS					
MUD RECORD	On Line	Circulating	Press	Yes	No	On Line	Circulating	Press	Yes	No	On Line	Circulating	Press	Yes	No					
CORING	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives					
DETAIL OF OPERATIONS AND REMARKS	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.					
					Hrs.					Hrs.					Hrs.					
	Total Contract Time		hrs.	Total Company Time		hrs.	Total Contract Time		hrs.	Total Company Time		hrs.	Total Contract Time		hrs.	Total Company Time		hrs.		
	<u>W.O. Balance</u> <u>Long Throwing 100 ft</u>						<u>W.O. Balance</u> <u>Long Throwing 100 ft</u>						<u>W.O. Balance</u> <u>Long Throwing 100 ft</u>							
	Driller: <u>A.H. Zieger</u>						Driller: <u>M.L. Eddy</u>						Driller: <u>E. Taylor</u>							

Toolpusher

Approved by

## TECHNICAL OIL CONSULTANTS LTD.

## DAILY DRILLING REPORT

Company: Rock Port

Well: Rock Port Test 154

Contractor: Exhibit Drilling

Type Rig: C-100

Date: Aug 24 1952

Days on Well: 4

DEPTH	1st Tour From: 12 To: 8:30 A.M.					2nd Tour From: 12 To: 4:00 P.M.					3rd Tour From: 12 To: 12:00																
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation												
	610			8 1/2		610			8 1/2		610			8 1/2													
	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.												
	18			25		14			25		3			25													
	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET	
	3	J-6			12 1/2		103	Drilled	Reamed	3	J-6			12 1/2		103	Drilled	Reamed	3	J-6			12 1/2		103	Drilled	Reamed
	Bit Serial No. 172-23 R.P.M.					Bit Serial No. 172-23					Bit Serial No. 172-23 R.P.M.																
	BIT RECORD	Kind at Ft. Deg. off					Kind at Ft. Deg. off					Kind at Ft. Deg. off															
		HOURS		Line Press	REPAIRS			HOURS		Line Press	REPAIRS			HOURS		Line Press	REPAIRS										
On Line		Circulating		Yes	No	On Line	Circulating		Yes	No	On Line	Circulating		Yes	No												
Wt.		Visc.	W.L.	Time	Additives			Wt.	Visc.	W.L.	Time	Additives			Wt.	Visc.	W.L.	Time	Additives								
10.2		57						10.2	51	7.2		Cement & Gravel															
From		To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.												
SURVEYS	Hrs.					Hrs.					Hrs.																
	Total Contract Time hrs. Total Company Time hrs.					Total Contract Time hrs. Total Company Time hrs.					Total Contract Time hrs. Total Company Time hrs.																
	Rock Port					Rock Port					Rock Port																
	Exhibit Drilling					Exhibit Drilling					Exhibit Drilling																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
SLUSH PUMP RECORD	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
MUD RECORD	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
CORING	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
DETAIL OF OPERATIONS AND REMARKS	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
	Hrs.					Hrs.					Hrs.																
Driller: E. Taylor	Driller: J. H. Long					Driller: M. K. Kildin					Toolpusher: _____					Approved by: _____											

# TECHNICAL OIL CONSULTANTS LTD.

## DAILY DRILLING REPORT

Company: First Total  
Well: 1st Total

Contractor: OZON Drilling

Type Rig: Cardwell

Date: Aug 23 1952

Days on Well: 3

DEPTH	1st Tour		From: <u>120</u>		To: <u>30 1911</u>		2nd Tour		From: <u>30 1911</u>		To: <u>44 1911</u>		3rd Tour		From: <u>44 1911</u>		To: <u>50 1911</u>			
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation					
	<u>610</u>			<u>8 5/8</u>		<u>610</u>			<u>8 5/8</u>		<u>610</u>			<u>8 5/8</u>						
	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.					
	<u>19</u>			<u>25.</u>		<u>19</u>			<u>25.</u>		<u>19</u>			<u>25.</u>						
	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	Drilled	Reamed	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	Drilled	Reamed		
	<u>3</u>	<u>3-6</u>			<u>12 1/2</u>			<u>103</u>		<u>3</u>	<u>3-6</u>			<u>12 1/2</u>			<u>103</u>			
	R.P.M.										R.P.M.									
	Bit Serial No. <u>17523</u>										Bit Serial No. <u>17523</u>									
	R.P.M.										R.P.M.									
BIT RECORD	Kind at Ft. Deg. off				Kind at Ft. Deg. off				Kind at Ft. Deg. off											
	HOURS		Line Press	REPAIRS	HOURS		Line Press	REPAIRS	HOURS		Line Press	REPAIRS								
	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No								
	Additives				Additives				Additives				Additives							
	Wt.	Visc.	W.L.	Time	Wt.	Visc.	W.L.	Time	Wt.	Visc.	W.L.	Time	Wt.	Visc.	W.L.	Time				
	<u>10.2</u>	<u>53</u>	<u>7.6</u>		<u>10.2</u>	<u>53</u>	<u>7.6</u>		<u>10.2</u>	<u>53</u>	<u>7.6</u>		<u>10.2</u>	<u>53</u>	<u>7.6</u>					
	From To Ft. Rec'd.				From To Ft. Rec'd.				From To Ft. Rec'd.				From To Ft. Rec'd.							
SURVEYS	Hrs.				Hrs.				Hrs.				Hrs.							
	Total Contract Time hrs. Total Company Time hrs.				Total Contract Time hrs. Total Company Time hrs.				Total Contract Time hrs. Total Company Time hrs.				Total Contract Time hrs. Total Company Time hrs.							
	<u>Marked Pipe</u>				<u>Marked Pipe</u>				<u>Marked Pipe</u>				<u>Marked Pipe</u>							
	<u>Conventional Mud</u>				<u>Conventional Mud</u>				<u>Conventional Mud</u>				<u>Conventional Mud</u>							
SLUSH PUMP RECORD																				
	Pump No. 1																			
MUD RECORD																				
CORING																				
DETAIL OF OPERATIONS AND REMARKS																				
Driller: <u>T. R. Reddin</u>					Driller: <u>E. Taylor</u>					Driller: <u>H. H. Ladd</u>										

Toolpusher

Approved by

Company: *Brach Petrol*

## TECHNICAL OIL CONSULTANTS LTD.

## DAILY DRILLING REPORT

Well: *Brach Petrol Test 54*Contractor: *CEARAK Drilling*Type Rig: *Contractor*Date: *12/2/63*Days on Well: *2*

DEPTH	1st Tour From: <i>12</i> To: <i>8 17 ft.</i>					2nd Tour From: <i>8 17 ft.</i> To: <i>12 17 ft.</i>					3rd Tour From: <i>12 17 ft.</i> To: <i>12</i>																		
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation														
	<i>6 1/2</i>			<i>8 1/2</i>		<i>6 1/2</i>			<i>8 1/2</i>		<i>6 1/2</i>			<i>8 1/2</i>															
DRILL PIPE	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.														
	<i>17</i>			<i>23</i>		<i>17</i>			<i>23</i>		<i>17</i>			<i>23</i>															
BIT RECORD	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET												
	<i>2</i>	<i>3 1/2</i>			<i>10 1/2</i>		<i>10 1/2</i>	Drilled	Reamed	<i>3</i>	<i>5 1/2</i>			<i>10 1/2</i>		<i>10 1/2</i>	Drilled	Reamed											
Bit Serial No. <i>17523</i> R.P.M.										Bit Serial No. <i>17523</i> R.P.M.										Bit Serial No. <i>17523</i> R.P.M.									
SURVEYS	Kind	at	Ft.	Deg. off		Kind	at	Ft.	Deg. off		Kind	at	Ft.	Deg. off															
	HOURS		Line Press	REPAIRS		HOURS		Line Press	REPAIRS		HOURS		Line Press	REPAIRS															
SLUSH PUMP RECORD	On Line	Circulating		Yes	No	On Line	Circulating		Yes	No	On Line	Circulating		Yes	No														
	<i>10.2</i>	<i>5 1/2</i>	<i>8</i>	<i>5 1/2</i>		<i>10.1</i>	<i>5 1/2</i>	<i>7 1/2</i>			<i>10.1</i>	<i>5 1/2</i>	<i>7 1/2</i>																
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives					Wt.	Visc.	W.L.	Time	Additives															
	<i>10.2</i>	<i>5 1/2</i>	<i>8</i>	<i>5 1/2</i>	<i>4</i>					<i>10.1</i>	<i>5 1/2</i>	<i>7 1/2</i>	<i>5 1/2</i>	<i>4</i>															
CORING	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.														
Hrs.										Hrs.										Hrs.									
Total Contract Time <i>hrs.</i> Total Company Time <i>hrs.</i>					Total Contract Time <i>hrs.</i> Total Company Time <i>hrs.</i>					Total Contract Time <i>hrs.</i> Total Company Time <i>hrs.</i>					Total Contract Time <i>hrs.</i> Total Company Time <i>hrs.</i>														
<i>Working Stock Form</i>										<i>Working Stock Form</i>										<i>Working Stock Form</i>									
Driller <i>H. R. Radin</i>										Driller <i>R. J. May</i>										Driller <i>H. R. Radin</i>									

Toolpusher \_\_\_\_\_

Approved by \_\_\_\_\_

Company: Pouch Kraft

# TECHNICAL OIL CONSULTANTS LTD.

## DAILY DRILLING REPORT

Well Freshwater Trout Contrasting

Contractor: OZARKS

Type Rig Card

Date: 10/10/10

## Days on Well...

DEPTH	1st Tour From: 12 To: 221					2nd Tour From: 221 To: 404					3rd Tour From: To:							
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation			
DRILL PIPE	61		6	2 1/8		610		6	2 1/8		615		6	2 1/8				
	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.			
BIT RECORD	15			25		10		25			14		25		FEET			
	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET	
SURVEYS	3	3-6			123			Drilled	Reamed	3	5-6			123			Drilled	Reamed
	Bit Serial No.	17323			R.P.M.			Bit Serial No.	1113		R.P.M.			Bit Serial No.	1113		R.P.M.	
SLUSH PUMP RECORD	Kind	at	Ft.		Deg. off	Kind	at	Ft.		Deg. off	Kind	at	Ft.		Deg. off			
	HOURS			Line Press	REPAIRS			HOURS			HOURS			Line Press	REPAIRS			
Pump No. 1	On Line	Circulating		Yes	No	On Line	Circulating		Yes	No	On Line	Circulating		Yes	No			
	Wt.	Visc.	W.L.	Time	Additives				Wt.	Visc.	W.L.	Time		Additives				
MUD RECORD	10	47	75		Additives				10.1	52				Additives				
									10.1	49								
CORING	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.			
DETAIL OF OPERATIONS AND REMARKS				Hrs.					Hrs.							Hrs.		
	Total Contract Time.....hrs. Total Company Time.....hrs.					Total Contract Time.....hrs. Total Company Time.....hrs.					Total Contract Time.....hrs. Total Company Time.....hrs.							
W. S. 5-6-1					W. S. 5-6-1					W. S. 5-6-1								
Driller.....					Driller.....					Driller.....								

Toolpusher \_\_\_\_\_

Approved by \_\_\_\_\_

Company: Plumb P.T.

## TECHNICAL OIL CONSULTANTS LTD.

## DAILY DRILLING REPORT

Well: Plumb 107 Test 4Contractor: Plumb DrillingType Rig: ContractDate: Aug 25 1973Days on Well: 2

DEPTH	1st Tour From: <u>12</u> To: <u>8.81 ft.</u>					2nd Tour From: <u>8.81</u> To: <u>6.12</u>					3rd Tour From: <u>6.12</u> To: <u>4.63</u>							
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation			
	<u>6.03</u>	<u>6.81</u>	<u>7'</u>	<u>2 1/2"</u>	<u>lime stone</u>	<u>6.12</u>	<u>6.81</u>	<u>8'</u>	<u>2 1/2"</u>		<u>6.12</u>	<u>7.50</u>	<u>8'</u>	<u>2 1/2"</u>				
	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.			
	<u>22</u>	<u>24</u>	<u>25</u>			<u>22</u>	<u>24</u>	<u>25</u>			<u>12</u>	<u>14</u>	<u>25</u>					
	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET	
	<u>3</u>	<u>5-L</u>			<u>12 3/4</u>	<u>6.00</u>	<u>6300</u>	Drilled	Reamed	<u>3</u>	<u>5-L</u>			<u>12 3/4</u>	<u>6.00</u>	<u>123</u>	Drilled	Reamed
	Bit Serial No. <u>17223</u> R.P.M. <u>1250</u>					Bit Serial No. <u>17523</u> R.P.M. <u>1250</u>					Bit Serial No. <u>17523</u> R.P.M. <u>1250</u>							
	DRILL PIPE	Kind at Ft. Deg. off					Kind at Ft. Deg. off					Kind at Ft. Deg. off						
		HOURS		Line Press	REPAIRS		HOURS		Line Press	REPAIRS		HOURS		Line Press	REPAIRS			
On Line		Circulating		Yes	No	On Line	Circulating		Yes	No	On Line	Circulating		Yes	No			
<u>2 1/4</u>		<u>12</u>	<u>200</u>															
Wt.		Visc.	W.L.	Time	Additives					Wt.	Visc.	W.L.	Time	Additives				
<u>3</u>		<u>55</u>	<u>5.5</u>							<u>44</u>								
From		To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.			
BIT RECORD	Hrs.					Hrs.					Hrs.							
	Coring					Coring					Coring							
SURVEYS	Total Contract Time <u>12 hrs.</u> Total Company Time <u>12 hrs.</u>					Total Contract Time <u>12 hrs.</u> Total Company Time <u>12 hrs.</u>					Total Contract Time <u>12 hrs.</u> Total Company Time <u>12 hrs.</u>							
	DETAIL OF OPERATIONS AND REMARKS					Weld Pipe					Weld Pipe							
	<u>12 hrs.</u>					<u>12 hrs.</u>					<u>12 hrs.</u>							
	<u>12 hrs.</u>					<u>12 hrs.</u>					<u>12 hrs.</u>							
	<u>12 hrs.</u>					<u>12 hrs.</u>					<u>12 hrs.</u>							
	<u>12 hrs.</u>					<u>12 hrs.</u>					<u>12 hrs.</u>							
	<u>12 hrs.</u>					<u>12 hrs.</u>					<u>12 hrs.</u>							
	<u>12 hrs.</u>					<u>12 hrs.</u>					<u>12 hrs.</u>							
	<u>12 hrs.</u>					<u>12 hrs.</u>					<u>12 hrs.</u>							
	<u>12 hrs.</u>					<u>12 hrs.</u>					<u>12 hrs.</u>							
SLUSH PUMP RECORD	Driller <u>Tom Radford</u>					Driller <u>E. Taylor</u>					Driller <u>Tom Radford</u>							
MUD RECORD																		
CORING																		
DETAIL OF OPERATIONS AND REMARKS																		
REMARKS																		

Toolpusher

Approved by

Company: *Parker Tato*

## TECHNICAL OIL CONSULTANTS LTD.

## DAILY DRILLING REPORT

Well *Park 5-22-14*Contractor *OZ Hill Drilling*Type Rig *C-4-11*Date *Aug 17*Days on Well *19*

DEPTH	1st Tour From: <i>12</i> To: <i>544</i>						2nd Tour From: <i>82-8</i> To: <i>41-8</i>						3rd Tour From: <i>41-8</i> To: <i>12</i>								
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation						
DRILL PIPE	<i>5-7</i>	<i>5-7</i>	<i>0</i>	<i>8 1/8</i>	<i>Limestone</i>	<i>507</i>	<i>541</i>	<i>34</i>	<i>8 1/8</i>	<i>Limestone</i>	<i>541</i>	<i>603</i>	<i>62</i>	<i>8 1/8</i>	<i>Limestone</i>						
BIT RECORD	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.						
SURVEYS	<i>18</i>	<i>24</i>				<i>19</i>	<i>24</i>		<i>23</i>		<i>22</i>	<i>27</i>		<i>22</i>							
SLUSH PUMP RECORD	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET				
Pump No. 1	<i>2</i>	<i>S-6</i>			<i>27</i>	<i>307</i>	<i>60</i>	Drilled	Reamed	<i>3</i>	<i>S-6</i>			<i>4 1/4</i>	<i>341</i>	<i>320</i>	<i>37</i>				
MUD RECORD	Bit Serial No.	<i>5059</i>						R.P.M.						Bit Serial No.	<i>17523</i>						
CORING	<i>-3</i>	<i>17523</i>						R.P.M.						Bit Serial No.	<i>11523</i>						
DETAIL OF OPERATIONS AND REMARKS	Kind	at	Ft.		Deg. off	Kind	at	Ft.		Deg. off	Kind	at	Ft.		Deg. off						
	HOURS		Line	REPAIRS		HOURS		Line	REPAIRS		HOURS		Line	REPAIRS							
	On Line	Circulating	Press	Yes	No	On Line	Circulating	Press	Yes	No	On Line	Circulating	Press	Yes	No						
	<i>2</i>			<i>120</i>		<i>6</i>	<i>1 1/4</i>			<i>7</i>	<i>6</i>	<i>1 1/4</i>									
	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives						
	<i>1.9</i>	<i>51</i>				<i>6</i>					<i>10</i>	<i>53</i>	<i>5</i>								
	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.						
					Hrs.															Hrs.	
	Total Contract Time					Total Company Time					Total Contract Time					Total Company Time					
	<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					
	<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					
	<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					
	<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					
	<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					
	<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					
	<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					
	<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					
	<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					
	<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					
	<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					
	<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					
	<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					
	<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					
	<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					
	<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					
	<i>200 hrs</i>					<i>12-3<sup>10</sup></i>					<i>200 hrs</i>					<i>1</i>					

# TECHNICAL OIL CONSULTANTS LTD.

Company: Punch Pet

## DAILY DRILLING REPORT

Well, *Play it again, Sam*!

Contractor. OZARK DRILLING

Type Rig C. H. G. - 1000

Date Aug 15 1952

## Days on Well....

5

DEPTH	1st Tour					2nd Tour					3rd Tour															
	From: 12		To: 8 A.M.			From: 3:15		To: 4:15 P.M.			From: 4:15		To: 12													
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation											
	438	455	17'	8 1/2	Limestone	433	470	35	5 1/2	Shale	490	507	17	8 1/2	Limestone											
	Stds.	Singles	Kelly	Drill Collar Ft.		Stds.	Singles	Kelly	Drill Collar Ft.		Stds.	Singles	Kelly	Drill Collar Ft.												
	15	24	25			17	24	25			15	27	27													
	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET									
	2	S.6			15 1/4			Drilled	Reamed	2	S.6			23 1/2			15 1/4	6 1	15 1/4							
	Bit Serial No.	56						R.P.M.		Bit Serial No.	56						R.P.M.									
	Kind	at	Ft.		Deg. off		Kind	at	Ft.		Kind	at	Ft.		Deg. off											
SURVEYS	HOURS				Line Press	REPAIRS		HOURS				Line Press	REPAIRS		HOURS				REPAIRS							
	On Line	Circulating		Yes	No	On Line	Circulating		Line Press	Yes		On Line	Circulating		Line Press	Yes		No								
	7	8:20		5 1/2		7 1/4	175			3 1/2		3 1/2	132													
	Wt.	Visc.	W.L.	Time	Additives		Wt.	Visc.	W.L.	Time	Additives		Wt.	Visc.	W.L.	Time	Additives									
SLUSH PUMP RECORD	10	69			10:20		10.2	42	11.5		10:20		8.3	42	11		10:20									
	From	To	Ft. Rec'd.		Core No.	Type Bbl.	From	To	Ft. Rec'd.		Core No.	Type Bbl.	From	To	Ft. Rec'd.		Core No.	Type Bbl.								
			Hrs.						Hrs.						Hrs.											
Total Contract Time					hrs.	Total Company Time					hrs.	Total Contract Time					hrs.	Total Company Time		hrs.						
DETAIL OF OPERATIONS AND REMARKS	12 - 4:15					2:20	4:30 - 5:15					3:15 - 4:15					5:15 - 6:15									
	1:15 - 4:30					1:15	7:30					7:30 - 8:15					8:15 - 9:15									
	4:30 - 7:15						7:15 - 8:00					8:00 - 8:45					8:45 - 9:30									
	7:15 - 8:00						8:00 - 8:45					8:45 - 9:30					9:30 - 10:15									
	8:00 - 8:45						8:45 - 9:30					9:30 - 10:15					10:15 - 11:00									
	8:45 - 9:30						9:30 - 10:15					10:15 - 11:00					11:00 - 12:00									
	9:30 - 10:15						10:15 - 11:00					11:00 - 12:00					12:00 - 1:00									
	10:15 - 11:00						11:00 - 12:00					12:00 - 1:00					1:00 - 2:00									
	11:00 - 12:00						12:00 - 1:00					1:00 - 2:00					2:00 - 3:00									
	12:00 - 1:00						1:00 - 2:00					2:00 - 3:00					3:00 - 4:00									
Driller					8:00 - 8:45	Driller					8:00 - 8:45	Driller					8:00 - 8:45	Driller								

Toolpusher \_\_\_\_\_

Approved by \_\_\_\_\_

# TECHNICAL OIL CONSULTANTS LTD.

## DAILY DRILLING REPORT

Company: .....  
Well: .....

Contractor: .....

Type Rig: .....

Date: Aug 17

Days on Well: 3

DEPTH	1st Tour From: ..... To: ..... From To Hole Made Hole Size Formation						2nd Tour From: ..... To: ..... From To Hole Made Hole Size Formation						3rd Tour From: ..... To: ..... From To Hole Made Hole Size Formation					
	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.			
DRILL PIPE																		
BIT																		
RECORD																		
SURVEYS																		
SLUSH PUMP RECORD																		
Pump No. 1																		
MUD RECORD																		
CORING																		
DETAIL OF OPERATIONS AND REMARKS																		
Driller: ..... Hrs. ....	Driller: ..... Hrs. ....	Driller: ..... Hrs. ....																

Toolpusher: .....  
Approved by: .....

## TECHNICAL OIL CONSULTANTS LTD.

## DAILY DRILLING REPORT

Company: *Prest*Well: *Prest* 11Contractor: *C. Z. Ark*

Type Rig

Date: *Aug 1*Days on Well: *2*

DEPTH	1st Tour From: <i>12 PM</i> To: <i>5 PM</i>					2nd Tour From: <i>5 PM</i> To: <i>4 PM</i>					3rd Tour From: <i>11 AM</i> To: <i>12 PM</i>																
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation												
DRILL PIPE	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.												
BIT RECORD	No.	Type	On Bottom At	Pulled At	Total Hrs Run	Depth	Wt. Lbs.	Drilled	reamed	No.	Type	On Bottom At	Pulled At	Total Hrs Run	Depth	Wt. Lbs.	Drilled	reamed	No.	Type	On Bottom At	Pulled At	Total Hrs Run	Depth	Wt. Lbs.	Drilled	reamed
SURVEYS	Bit Serial No. <i>8</i> R.P.M. <i>50</i>					Bit Serial No. <i>14</i> R.P.M.					Bit Serial No. <i>14</i> R.P.M.																
	Kind at Ft. Deg. off					Kind at Ft. Deg. off					Kind at Ft. Deg. off																
	HOURS		Line Press	REPAIRS			HOURS		Line Press	REPAIRS			HOURS		Line Press	REPAIRS											
SLUSH PUMP RECORD	On Line	Circulating	Yes	No		On Line	Circulating	Yes	No		On Line	Circulating	Yes	No													
	<i>8</i>	<i>50</i>				<i>14</i>					<i>14</i>																
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives					Wt.	Visc.	W.L.	Time	Additives													
	<i>3.5</i>	<i>25</i>	<i>10</i>	<i>2700</i>																							
CORING	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.												
DETAIL OF OPERATIONS AND REMARKS	Hrs.					Hrs.					Hrs.																
<i>W. D. Rat Hole</i>					<i>100' Rat Hole 4</i>					<i>100' Rat Hole 4</i>																	
<i>Driller 17 H 2000</i>					<i>Driller 11 H 1000</i>					<i>Driller 15 H 1000</i>																	

Toolpusher

*Ed Monk*

Approved by

# TECHNICAL OIL CONSULTANTS LTD.

## DAILY DRILLING REPORT

Company: P

Well: P Contractor: P

Type Rig: P

Date: Aug 1

Days on Well: 1

### DEPTH

1st Tour	From:		To:		2nd Tour		From:		To:		3rd Tour		From:		To:	
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	
	0	44 9	44 9	44 9												

### DRILL PIPE

Stds.	Singles		Kelly		Drill Collar Ft.		Core Bbl. Ft.		Stds.	Singles		Kelly		Drill Collar Ft.		Core Bbl. Ft.	

### BIT RECORD

No.	Type	On Bottom		Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom		Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom		Total Hours Run	Depth	Wt. Lbs.	FEET	
		At	Pulled At				Drilled	Reamed			At	Pulled At		Drilled	Reamed	At	Pulled At			At	Pulled At	Drilled	Reamed	At	Pulled At	Drilled
1	S-2	0	24 9	2	24 5	24 5			1	S-3																

Bit Serial No.	R.P.M.	Bit Serial No.	R.P.M.	Bit Serial No.	R.P.M.
----------------	--------	----------------	--------	----------------	--------

### SURVEYS

Kind	at	Ft.	Deg. off	Kind	at	Ft.	Deg. off	Kind	at	Ft.	Deg. off
------	----	-----	----------	------	----	-----	----------	------	----	-----	----------

HOURS		Line	REPAIRS		HOURS		Line	REPAIRS		HOURS		Line	REPAIRS	
On Line	Circulating	Press	Yes	No	On Line	Circulating	Press	Yes	No	On Line	Circulating	Press	Yes	No

Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives
-----	-------	------	------	-----------	-----	-------	------	------	-----------	-----	-------	------	------	-----------

2	10	24 9			5	10	10 00			2	10	24 9		
---	----	------	--	--	---	----	-------	--	--	---	----	------	--	--

From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.
------	----	------------	----------	-----------	------	----	------------	----------	-----------	------	----	------------	----------	-----------

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Total Contract Time hrs. Total Company Time hrs. Total Contract Time hrs. Total Company Time hrs. Total Contract Time hrs. Total Company Time hrs.

### DETAIL OF OPERATIONS AND REMARKS

<i>Prepared to open 6</i>	<i>Spud at 0000 2</i>	<i>W.I. Rat Hole</i>	<i>W.I. Rat Hole</i>
<i>Driller 11 11 2018</i>			

Toolpusher J. E. Johnson

Approved by \_\_\_\_\_