

PUNCH DEEP BAY NO. 5

LITHOLOGIC LOG

- 0 - 68 Gravel - unconsolidated, poorly sorted, sub-rounded pebbles of pink quartz and granite, black quartzite, gray limy shale. Trace light-gray dense to finely crystalline limestone from 30-40'
- 68 - 240 Shale and Limestone - Greenish-gray, micro-sericitic, limy shale, soft, fissile; grading in places to shaly limestone or marl. Occasional thin beds of greenish-gray, argillaceous, very finely crystalline limestone.
- 240 - 250 Shale - Medium-gray with black, carbonaceous specks, slightly limy. Trace dark-gray to black, carbonaceous shale.
- 250 - 260 Shale and Limestone - Carbonaceous shale as above, essentially non-calcareous. 50% light-gray, calcareous, fissile shale, slightly pyritic. Trace medium-gray finely-crystalline limestones.
- 260 - 280 Shale - Greenish-gray, paper-thin, punky, calcareous, pyritic in places, black-speckled in places. 10% black to dark-gray, carbonaceous shale, paper-thin in places.
- 280 - 290 Shale - Black carbonaceous shale as above, non-calcareous shale interbedded with light greenish-gray, calcareous, micro-sericitic shale.
- 290 - 300 Shale - Black, carbonaceous shale, firm, slightly calcareous. 10% brown, soft, paper-thin shale.
- 300 - 305 Cavings (tripped)
- 305 - 310 Shale - Silty, micaceous, slightly limy shale, carbonaceous, black to brownish-gray, medium-hard.
- 310 - 315 Shale - Greenish-gray, limy shale with carbonaceous laminations in places, micro-sericitic. 30% dark-brown, micro-sericitic, limy shale, hard, blocky.
- 315 - 335 Shale - Greenish-gray, micro-sericitic, calcareous shale, soft, fissile, with disseminated pyrite and carbonaceous specks. More carbonaceous toward base.
- 335 - 340 Shale and Limestone - Greenish-gray shale as above with 10% greenish-gray, very finely crystalline, argillaceous limestone. Trace marl.
- 340 - 345 Shale and Limestone - As above, 20% argillaceous limestone.
- 345 - 350 Shale and Limestone - Light-gray, limy shale. 10% brown, micro-sericitic, limy shale. 25% tan to light-gray, argillaceous, very finely crystalline limestone.

- 350 - 370 Shale and Limestone - Greenish-gray, fissile, micro-sericitic, limy shale, some thin beds of grayish-white, very finely crystalline argillaceous limestone.
- 370 - 375 Shale - Medium-gray to brown, micro-micaceous, fissile shale.
- 375 - 385 Shale and Limestone - Shale as above. Trace white and orange-brown, finely crystalline limestone. No visible porosity, no show.
- 385 - 390 Shale - Shale, medium-gray to brown.
- 390 - 395 Shale - Buff to orange-brown, limy, micro-sericitic shale, fissile, fairly soft.
- 395 - 410 Shale and limestone - Greenish-gray, limy, micro-sericitic shale. Trace dense to coarsely crystalline, tan limestone. N.W.P.S.S. Some green-gray, argillaceous, very finely crystalline limestone.
- 410 - 420 Shale - Brown and medium-gray shale.
- 420 - 435 Shale - Greenish-gray, limy shale.
- 435 - 440 Shale - Greenish-gray shale with some brown shale as above.
- 440 - 445 Shale - Brown, micro-sericitic, slightly limy shale, fairly fissile.
- 445 - 505 Shale - Alternating green-gray, limy shale and brown shale as above.
- 505 - 515 Shale - Greenish-gray shale as above interbedded with black, carbonaceous, micro-micaceous shale. Green shale is black speckled in places.
- 515 - 535 Shale and Limestone - Greenish-gray, limy shale. 10% greenish-gray, very finely crystalline, argillaceous limestone.
- 535 - 540 Shale - Greenish-gray shale as above, becoming carbonaceous in places.
- 540 - 550 Shale and Limestone - Greenish-gray, limy shale with trace pelecypod casts. Trace grayish-white, very finely-crystalline, argillaceous limestone.
- 550 - 555 Shale - Greenish-gray shale as above.
- 555 - 560 Shale and Limestone - Greenish-gray and brown shale. Trace grayish-white, very finely-crystalline, argillaceous limestone.
- 560 - 570 Shale and Limestone - Greenish-gray shale as above with disseminated pyrite. Dark-gray, carbonaceous, non-calcareous shale, black-speckled. Trace of limestone as above.

- 570 - 575 Shale and Limestone - Greenish-gray shale as above. Trace grayish-white, very finely-crystalline, argillaceous limestone. Some brown shale.
- 575 - 590 Shale - Medium-gray to black, micro-sericitic, carbonaceous shale, non-calcareous.
- 590 - 595 Shale - Carbonaceous shale as above with 50% greenish-gray, limy, micro-sericitic shale.
- 595 - 605 Shale and Limestone - Greenish-gray shale as above. 10% grayish-white to greenish-gray, very finely-crystalline, argillaceous limestone.
- 605 - 615 Shale and Limestone - Greenish-gray shale and limestone as above. Trace brownish, very finely saccharoidal limestone.
- 615 - 620 Shale - Dark-gray, carbonaceous shale, non-calcareous, speckled black.
- 620 - 625 Shale and Limestone - Carbonaceous shale, and greenish-gray shale as above. Trace grayish-white argillaceous limestone.
- 625 - 640 Shale - Dark-gray carbonaceous shale with few interbeds of greenish-gray, calcareous shale.
- 640 - 645 Shale - Shales as above with trace jet black, very fissile, soft shale.
- 645 - 650 Shale - Dark-gray to black, firm, fissile, non-calcareous, carbonaceous shale.
- 650 - 655 Shale - Carbonaceous shale as above, limy in places. Some dark grayish-green, pyritic, limy shale.
- 660 - 665 Shale and Limestone - Greenish and brownish-gray limy shale. Trace gray-green, very finely crystalline, argillaceous limestone.
- 665 - 670 Shale - Black, fissile, micro-micaceous, carbonaceous shale, non-calcareous.
- 670 - 685 Shale - Medium-gray, limy shale, micro-sericitic, firm, carbonaceous in places, hard. Very pyritic in places.
- 685 - 690 Limestone - Argillaceous, grayish-brown, micro-crystalline, hard limestone.
- 690 - 695 Shale and Limestone - Medium-gray to brownish-gray, limy shale, 20% argillaceous limestone as above.
- 695 - 715 Shale and Limestone - Light to medium-gray limy shale. 10% brownish-gray, argillaceous, dense limestone.
- 715 - 735 Shale and Limestone - Dark gray, carbonaceous, slightly calcareous, micro-sericitic shale. Few beds of light to medium-gray limy shale. Trace gray argillaceous, dense to micro-crystalline limestone.

- 735 - 740 Shale and Limestone - Shales as above. 10% argillaceous limestone as above.
- 740 - 745 Shale and Limestone - Shales as above. 50% argillaceous limestone as above.
- 745 - 750 Shale and Limestone - Shales as above with 20% argillaceous limestone.
- 750 - 755 Shale and Limestone - Light brownish-gray, very finely saccharoidal, argillaceous limestone. Some gray dense limestone. 50% shales as above.
- 755 - 760 Shale and Limestone - Shales as above. 20% argillaceous limestone as above.
- 760 - 775 Shale - Medium to dark-gray, firm, limey shale, fairly fissile.
- 775 - 780 Shale - Black, sub-waxy, non-calcareous, carbonaceous shale, gives brown streak.
- 780 - 790 Shale and Limestone - Medium-gray, limey shale. Trace dense argillaceous limestone.
- 790 - 795 Shale and Limestone - Shale as above. 10% brown to light-gray, argillaceous dense limestone.
- 795 - 815 Shale - Black, carbonaceous, micro-sericitic shale, slightly limey in places. Few beds of dark-gray, limey shale.
- 815 - 825 Shale - Medium-gray, limey, fairly fissile shale.
- 825 - 850 Shale and Limestone - Light to medium-gray, limey shale. Few beds of black, micro-micaceous, fissile shale. Trace grayish-white, dense, argillaceous limestone.
- 850 - 930 Shale - Black, micro-micaceous petroliferous shale, fissile, medium-hard, characteristic brown streak, strong asphaltic odor when heated. Non Calcareous. Few interbeds of medium-gray, limey shale. Earthy-brown cast common on petroliferous shale below 870' becomes slightly limey in places, below 890'.
- 930 - 961 Shale - Medium-gray, fissile, calcareous shale. Black, carbonaceous shale as above with brownish-gray, calcareous shale. Narrow fractures in bottom 3', filled with massive and crystalline pyrite and some fibrous gypsum.
- Slave Point Formation - 961
961 - 963 Limestone - Brown to gray, dense to very finely crystalline, slightly argillaceous limestone, fairly hard. Abundant gastropods. No visible porosity, no show.

Core #1
963 - 973

Recovered 7.5'

7.5' - Madstone and Limestone - Dark-gray, very limey madstone, very hard. Grades in places to hard, dark gray, micro-crystalline, argillaceous limestone. Sulphurous odor. No visible porosity, no show.

973 - 999

Limestone and Shale - Dark-gray to brownish-gray, dense to micro-crystalline, argillaceous. Grading to very limey black shale in places. Gastropods.

990 - 1005

Limestone and Shale - Limestone as above with some light tan fossiliferous limestone. Some dark-gray to black fossiliferous, limey shale (10%). Trace light-tan, finely saccharoidal limestone with good porosity. No visible porosity, no show.

1005 - 1010

Limestone - grayish white to light-gray, dense limestone, grading to chalky limestone in places.

1010 - 1015

Limestone and Shale - Dark grayish-brown, hard, very finely crystalline, argillaceous limestone. Some limey shale.

1015 - 1020

Limestone - White to light brown, dense, medium-hard, chalky in places.

1020 - 1025

Limestone - White to light-gray, dense, medium hard, chalky in places.

1025 - 1030

As above, less chalky, little light brown.

1030 - 1035

Light gray to light brown, slightly argillaceous, medium hard, dense.

1035 - 1040

10% white to brown crystalline limestone, gastropods.
60% light grey to light brown dense limestone slightly argillaceous.
30% black carbonaceous shale.

1040 - 1045

90% Brown to black carbonaceous, seritic limey shale, fossiliferous, little pyrite. Petroliferous.
5% Crystalline limestone as above.
5% Dense limestone lightgray.

1045 - 1050

30% Black carbonaceous shale, limey and very fissile, some pyrite.

- 1050 - 1055 50% brown to black fairly calcareous carbonaceous shales as above.
50% brown, fossiliferous microfragmental Limestone with 10-15 % finely saccharoidal Limestone with some fine porosity.
75% light brown to brown, very argillaceous dense Limestone. Highly fossiliferous - mainly Brachiopods.
- 1060 - 1065 Mainly light brown to dark brown, dense, argillaceous Limestone as above, highly fossiliferous.
- 1065 - 1070 As above, not as highly fossiliferous.
- 1070 - 1075 Buff to light brown fragmental limestone dense, fairly fossiliferous - trace fine intergranular porosity.
- 1075 - 1080 Light brown crystalline, limestone dense, slightly fossiliferous, slightly fragmental, some saccharoidal limestone.
- 1080 - 1085 As above, little more fragmental, some chalky limestone.
- 1085 - 1095 As above.
- 1095 - 1100 As above, limestone slightly darker brown. More chalky. Pyritic.
- 1100 - 1105 As above, slightly less chalky.
- 1105 - 1110 As above.
- 1110 - 1125 As above. Some grey limestone with fine pyrite.
- 1125 - 1130 As above. Very little chalky limestone.
- 1130 - 1135 Limestone as above. Chalky lime increasing slightly.
- 1135 - 1145 95% Limestone as above - very little chalky limestone.
5% black fissil carbonaceous (or bituminous shale).
- 1145 - 1150 As above. Bituminous shales also occurring as partings in limestone and possibly along stylitic partings. Shales only slightly limey.
- 1150 - 1155 Limestone as above, percentage of bituminous shales considerably less, only occasional fossil.

- 1155 - 1180 Limestone as above, but light brown in color. Some disseminated pyrite.
- 1180 - 1185 Cuttings show fair intergranular porosity with quick positive oil reaction to carbon tetrachloride.
- 1185 - 1190 70% slightly fragmental, crystalline, limestone light brown as above. Some poor intergranular porosity with positive oil reaction to carbon tetrachloride.
30% chalky fragmental limestone.
- 1190 - 1195 Buff crystalline limestone slightly fragmental with poor intergranular porosity. Live oil visible in some pores, positive reaction with carbon tetrachloride and no salt reaction.
- 1195 - 1198 Same as above. Less Fluorescence.
- Core # 2
1198 - 1213 Recovered 15'
- 1198 - 1206 Very dense, hard brown limestone slightly bleeding - stylitic partings with bitumin.
- 1206 - 1207 fair vuggy and intergranular porosity, vugs up to 1/2 inch. Heavy bleeding - very little permeability.
- 1207 - 1208 Limestone, very dense, hard brown, slight bleeding - stylitic partings with bitumin.
- 1208 - 1211 Buff limy dolomite good intergranular porosity. Water saturation with sulphur odor. Light oil staining and very little bleeding.
- 1211 - 1215 Dense more crystalline limestone, medium hard. Bituminous partings.
- 1215 - 1215 Not representative.
- 1215 - 1220 Mainly slightly dolomitic limestone, argillaceous, medium hard, white to buff, little light oil staining.
- 1220 - 1225 10% Limestone as above.
90% buff limy dolomite, fair intergranular porosity. Light oil staining some anhydrite. Dolomite reacts very slowly to acid, but after 5 minutes in 20% H. C. L. shows fair to good solubility.
- T. D. 1225'

CORE LABORATORIES - CANADA LIMITED
CALGARY ALBERTA

Company - PUNCH PETROLEUMS LTD.
Well - HOLE #5
Field - WILDCAT
Province - N.W.T.

Date Report - OCTOBER 23, 1952
Elevation -
Formation -
Cores - DIAMOND

Page - 1 of 1
File - EL-446
Analysts - DA - GC
Remarks - CANNED CORE

SAMPLE NUMBER	DEPTH REPRESENTED FEET	PERMEABILITY ... MILLIDARCS	POROSITY PER CENT	RESIDUAL SATURATION		VISUAL EXAMINATION
				OIL % PORE	TOTAL WATER % PORE	

1	1206	10.1	7.7	36.3	20.7	Slightly vugular
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Company: Punch PATC

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Well: D 3 #5Contractor: OZARKType Rig CumminsDate OCT 10th 1952

Days on Well

DEPTH	1st Tour From: <u>12 PM</u> To: <u>PM</u>					2nd Tour From: <u>8 AM</u> To: <u>4 PM</u>					3rd Tour From: <u>4 PM</u> To: <u>12:00</u>						
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation		
DRILL PIPE	1215 0 P 8 1/2 Lemo					1215 1225 12 P 8 1/2					1225 T.D. — 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.		
BIT RECORD	45 23.85 2403					45 23.85 2403					45						
	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
SURVEYS	ms 7 16 10					ms 10 1/4 15											
	Round 7					Round 9											
SLUSH PUMP RECORD	Bit Serial No. <u>17879</u> R.P.M. <u>95</u>					Bit Serial No. <u>17879</u> R.P.M. <u>95</u>					Bit Serial No. <u>17879</u> R.P.M. <u>—</u>						
	Kind at Ft. Deg. off					Kind at Ft. Deg. off					Kind at Ft. Deg. off						
MUD RECORD	HOURS Line Press REPAIRS					HOURS Line Press REPAIRS					HOURS Line Press REPAIRS						
	On Line	Circulating	Line Press	Yes	No	On Line	Circulating	Line Press	Yes	No	On Line	Circulating	Line Press	Yes	No		
CORING	7 1/4 1/4 250					7 1/4 1/4 250											
	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives		
DETAIL OF OPERATIONS AND REMARKS	10.5 44					10.5 40 45 65											
	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.							
Punch Tripin 1/4					Screw Rig 1/4					4.00 — Waiting on orders							
Screw Rig 1/4					Running 1 1/4												
W.O. Pump Section 1/4					Drilling 2 1/4												
Running 7					Circ. B.H.S. 1/2												
					W.O. Orders 2 1/4												
Driller <u>A. G. G. G.</u>					Driller <u>M. R. R. R.</u>					Driller <u>G. V. R. R.</u>							

Toolpusher L. E. A. A.

Approved by _____

Company: Funch Porto

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Well: D B #5Contractor: OZARK DrillingType Rig: CardwellDate: OCT 9th

Days on Well: _____

DEPTH	1st Tour From: <u>12 PM</u> To: <u>PM 11</u>					2nd Tour From: <u>8 PM</u> To: <u>9 PM</u>					3rd Tour From: <u>4.00</u> To: <u>12.00</u>									
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation					
1194	1198	4	8 5/8	Lime		1198	1202	4	5 1/2	Lime	1202	1213	9	5 1/2	Lime					
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.					
	44	23.85	24.03			45	23.85		21.90											
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			
								Drilled	Reamed									Drilled	Reamed	
		MS			7	1198	8500	16'			Diamond			2	1202	4000	4			
	Bit Serial No. <u>17879</u>					R.P.M. <u>96</u>					Bit Serial No. _____					R.P.M. <u>50</u>				
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			No	On Line	Circulating			No	On Line	Circulating			No					
Pump No. 1	4 1/2	2 1/2	280			3	1	250												
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives					
	10.6	44				10.6	44													
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.					
						1198	1202		2	Core Lab	1202									
DETAIL OF OPERATIONS AND REMARKS	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>Spun Rig 1/4</u> <u>Drilling 2</u> <u>Line B.H.S. to 400. orders 1</u> <u>Card Mud 1</u> <u>TRIP out 1 3/4</u> <u>TRIP in with T. sub 1 1/2</u> <u>Line 1</u>					<u>Spun Rig 1/4</u> <u>Circ. T. basket 1</u> <u>TRIP out 1 3/4</u> <u>Pick up to spun Core bbl 1 1/4</u> <u>TRIP in 1 3/4</u> <u>Coring 2</u>					<u>4.00 - 2.00 - Coring</u> <u>2.00 - 7.15 - Drilling</u> <u>7.15 - 10.00 - pulled out</u> <u>new Core & air Barrel</u> <u>10.00 - 12.00 - picked up O.C</u> <u>& run in.</u>									
	Driller <u>A Good</u>					Driller <u>Th. Raddin</u>					Driller <u>J. V. Borden</u>									

Toolpusher LE Almond

Approved by _____

Company: Trach Pete

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Well: D B #6 Contractor: QZARA Drilling Type Rig: Cased well Date: OCT 8 1962 Days on Well: _____

DEPTH	1st Tour From: <u>12 PM</u> To: <u>8 PM</u>					2nd Tour From: <u>8 AM</u> To: <u>4 PM</u>					3rd Tour From: <u>4</u> To: <u>12</u>									
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation					
	<u>1162</u>	<u>1176</u>	<u>14</u>	<u>8 5/8</u>	<u>Lime</u>	<u>1174</u>	<u>1182</u>	<u>6</u>	<u>8 5/8</u>	<u>Lime</u>	<u>1182</u>	<u>1194</u>	<u>12'</u>	<u>8 5/8</u>	<u>Lime</u>					
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.					
	<u>43</u>	<u>23.85</u>	<u>29.03</u>			<u>44</u>	<u>23.85</u>	<u>29.03</u>			<u>44</u>	<u>23.85</u>	<u>29.03</u>							
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				
								Drilled	Reamed							Drilled	Reamed			
	<u>M5</u>				<u>20 1/2</u>	<u>1176</u>	<u>8000</u>	<u>80</u>		<u>M5</u>			<u>33</u>	<u>1182</u>	<u>8000</u>	<u>94</u>				
										<u>M5</u>										
	Bit Serial No. <u>87158</u>					R.P.M. <u>95</u>					Bit Serial No. <u>17858</u>					R.P.M. <u>95</u>				
											Bit Serial No. <u>12879</u>									
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	HOURS		Line Press	REPAIRS				
SLUSH PUMP RECORD	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No				
Pump No. 1	<u>6 1/2</u>	<u>-</u>	<u>260</u>	<u>PUMP</u>	<u>2 1/4</u>	<u>1/4</u>	<u>260</u>	<u>PUMP</u>												
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives					
	<u>10.9</u>	<u>47</u>	<u>5.1</u>		<u>25# Gortmash</u>	<u>17</u>	<u>46</u>				<u>16.5</u>	<u>51</u>	<u>5.5</u>	<u>10.00</u>	<u>5lb Gortmash</u>					
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	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>8:00 Rig 1/4</u> <u>2:00 Pump 1 1/4</u> <u>Drilling 6 1/2</u>					<u>8:00 Rig 1/4</u> <u>2:00 Pump 1 1/4</u> <u>Circ 1/4</u> <u>TRIP OUT 1 1/4</u> <u>Drilling 2 1/2</u> <u>TRIP IN 1 1/2</u>					<u>4:00 - 7:00 - WORK ON PUMP</u> <u>7:00 - 12:00 - DRILLING</u>									
	Driller <u>A. Good</u>					Driller <u>Tr. Raddin</u>					Driller <u>J. V. Brodin</u>									

Toolpusher LE. Almond

Approved by _____

DAILY DRILLING REPORT

Well C.B. #5

Contractor PEARL Drilling

Type Rig *Candwell*

Date Oct 7 1962

Days on Well.....

Toolpusher L. E. Alford Approved by _____

DAILY DRILLING REPORT

Type Rig Candwell Date Oct 6 Days on Well _____

Toolpusher LE Almon Approved by _____

Company: Punch POTA

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Well: D-B #8Contractor: BZARR DrillingType Rig: CandwellDate: Oct 5 1952

Days on Well: _____

DEPTH	1st Tour From: <u>12 PM</u> To: <u>PAM</u>					2nd Tour From: <u>PAM</u> To: <u>4 PM</u>					3rd Tour From: <u>4 PM</u> To: <u>12 PM</u>																			
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation															
	<u>1088</u>	<u>1090</u>	<u>2</u>	<u>8 1/2</u>	<u>lime</u>		<u>1090</u>	<u>c</u>				<u>480</u>	<u>0</u>																	
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.																			
	<u>34 23.85 29.02</u>																													
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	
	<u>755</u>				<u>1</u>	<u>1090</u>	<u>P100</u>	<u>2</u>																						
	Bit Serial No. <u>1758</u>					R.P.M. <u>96</u>					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																			
SLUSH PUMP RECORD Pump No. 1	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>1</u>		<u>250</u>	<u>D.W.</u>					<u>DW</u>					<u>DW</u>																
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives															
	<u>10.3</u>	<u>44</u>	<u>5.0</u>																											
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	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>Dried 1hr.</u> <u>200 DW 3hrs</u> <u>Pulled 4hrs</u> <u>Teasing down DW 1hr</u>					<u>W & DW</u>					<u>W & DW</u>																			
	Driller <u>A Good</u>					Driller <u>TH Reddin</u>					Driller <u>TH Reddin & A Good</u>																			

Toolpusher

LE Almond

Approved by

Company: Peach PETC

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Well: D.B. #5Contractor: O. J. R. DrillingType Rig CardwellDate Oct 4, 1952

Days on Well _____

DEPTH	1st Tour From: <u>8 AM</u> To: <u>8 PM</u>					2nd Tour From: <u>8 PM</u> To: <u>4 PM</u>					3rd Tour From: <u>4 PM</u> To: <u>12 PM</u>							
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation			
DRILL PIPE	1064	1088	19	8 5/8	Lime	1088	1088	0	8 7/8	-		1088	0					
	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	29 23.85 29.05																	
	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET Drilled	Reamed	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET Drilled	Reamed
		M.S.			28 1/4	1088	8000	115			M.S.			28 1/4			115	
	Bit Serial No. <u>17854</u> R.P.M. <u>94</u>					Bit Serial No. <u>17854</u> R.P.M.					Bit Serial No. <u>17859</u> R.P.M.							
SURVEYS	Kind at Ft. Deg. off					Kind at Ft. Deg. off					Kind at Ft. Deg. off							
	HOURS On Line Circulating Line Press REPAIRS Yes No					HOURS On Line Circulating Line Press REPAIRS Yes No					HOURS On Line Circulating Line Press REPAIRS Yes No							
SLUSH PUMP RECORD	7 3/4 3/4 250 0w																	
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives			
	10.5	43	4.8															
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	Total Contract Time _____ hrs. Total Company Time _____ hrs.					Total Contract Time _____ hrs. Total Company Time _____ hrs.					Total Contract Time _____ hrs. Total Company Time _____ hrs.							
	Drill Rig 1/4 2nd. Dr 3/4 Drill 7.					cine 1/4 TRIP OUT. 2 change oil in motor waiting on fuel 5 3/4					no. Fuel. 3. TRIP in 2 1/2 43. P. Fuel. Priming after drilling 1/2 Reaming for bottom & breaking cine 2.							
	Driller <u>A. Good</u>					Driller <u>Mr. Reddin</u>					Driller <u>Mr. Reddin & H. Good</u>							

Toolpusher L. E. Almond Approved by _____

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Company: Punch Peto

Well: D 3 #5

Contractor: G. Z. A. M. Drilling

Type Rig: Cardwell

Date: Oct 3, 1952

Days on Well: _____

DEPTH	1st Tour From: <u>12 PM</u> To: <u>PM</u>					2nd Tour From: <u>PM</u> To: <u>4 PM</u>					3rd Tour From: <u>PM</u> To: <u>PM</u>							
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation			
	<u>1027</u>	<u>0</u>	<u>8 5/8</u>	<u>Line</u>		<u>1027</u>	<u>1046</u>	<u>19</u>	<u>8 5/8</u>	<u>Line</u>	<u>1046</u>	<u>1069</u>	<u>23</u>	<u>8 5/8</u>	<u>Line</u>			
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.							
						<u>37</u> <u>23.25</u> <u>29.03</u>					<u>78</u> <u>23.85</u> <u>29.03</u>							
BIT RECORD	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 Serial No. _____ R.P.M. _____					Bit Serial No. <u>17564</u> R.P.M. <u>90</u>					Bit Serial No. <u>17564</u> R.P.M. _____								
SURVEYS	Kind at Ft. Deg. off					Kind at Ft. Deg. off					Kind at Ft. Deg. off							
SLUSH PUMP RECORD Pump No. 1	HOURS Line Press REPAIRS					HOURS Line Press REPAIRS					HOURS Line Press REPAIRS							
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives			
	<u>10.3</u>	<u>45</u>				<u>10.3</u>	<u>45</u>	<u>5.3</u>			<u>10.4</u>	<u>44</u>						
CORING TESTING	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.			
	<u>Total 985-1027</u> <u>Research 4' Drill Flt</u>																	
DETAIL OF OPERATIONS AND REMARKS	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>Run in with Packon.</u>					<u>TRIP in 2 1/2</u>					<u>200. Pump 1/4</u>							
<u>Tested 985-1027</u>					<u>same Rig 1/4</u>					<u>W.O. Blocks + Dr. 1/4</u>								
<u>TRIP out, broke stand down</u>					<u>W.O. Pump. to then out line 1 3/4</u>					<u>Drilling 7 1/2</u>								
<u>Packon</u>					<u>Drilling 3 1/2</u>													
Driller <u>A Good</u>					Driller <u>Th. Reddin</u>					Driller <u>Mr. Reddin & R. Good</u>								
					Toolpusher <u>A. E. Alameda</u>					Approved by _____								

Company: Tech Pro

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Well D B #5

Contractor Clark Drilling

Type Rig Cady-11

Date ACT 2 1962

Days on Well.

		1st Tour From: 12 PM To: 8 PM										2nd Tour From: 8 AM To: 4 PM										3rd Tour From: 4 PM To: 12 PM											
DEPTH		From		To		Hole Made		Hole Size		Formation		From		To		Hole Made		Hole Size		Formation		From		To		Hole Made		Hole Size		Formation			
DRILL PIPE		1018		1027		9		P 5/8		Lime		1027		0		P 5/8		1027		0		P 5/8											
		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.			
		37		22.85		24.02																											
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				
			1755			10 1/4	1027		54						10 1/4				54														
		Bit Serial No. 17864 R.P.M. 96										Bit Serial No. 17864 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		Kind		at		Ft.		Deg. off	
SLUSH PUMP RECORD		On Line		Circulating		Line Press		REPAIRS		On Line		Circulating		Line Press		REPAIRS		On Line		Circulating		Line Press		REPAIRS		On Line		Circulating		Line Press		REPAIRS	
Pump No. 1		5 1/2		2 1/2		225		D.W.																									
MUD RECORD		Wt.	Visc.	W.L.	Time	Additives		Wt.	Visc.	W.L.	Time	Additives		Wt.	Visc.	W.L.	Time	Additives		Wt.	Visc.	W.L.	Time	Additives		Wt.	Visc.	W.L.	Time	Additives			
		10.5	4.1																														
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.			
		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		Drill 2 hrs										Finished pulling out 3/4										Finished pulling packer 1											
		Circ. SAMP B.H. 1										Pick up & thread test 3/4										break packer setting tail pipe											
		w. 1 down 1										Run in with test 1 3/4										8800 packer 3/4											
		Waiting on down 1/2										Tested 1/2										send rig 1/4											
		TRIP out 1 1/2										Pulled packer 1										w.o. packer bomb 1											
		Circ. to test 1.										send rig 1/4										started in with packer											
		Driller A Good.										Driller Th. Riddin										Driller Th. Riddin											

Toolpusher L. E. Anderson

Approved by _____

Company: Punch PETE.

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Well: M-5 Contractor: OTARK Type Rig: Cardwell Date: Oct 1 1952 Days on Well: _____

DEPTH	1st Tour From: <u>8</u> To: <u>4</u>					2nd Tour From: <u>4</u> To: <u>12</u>					3rd Tour From: <u>12</u> To: <u>8</u>					
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	
	<u>963</u>		<u>9</u>	<u>5 1/2</u>	<u>lime</u>	<u>913</u>	<u>981</u>	<u>8</u>	<u>8 3/4</u>	<u>lime</u>	<u>981</u>	<u>1018</u>	<u>37</u>	<u>8 3/4</u>	<u>lime</u>	
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.					
	<u>33</u> <u>22.55</u> <u>29.03</u>					<u>34</u> <u>29.03</u>					<u>29.03</u>					
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
								Drilled Reamed								Drilled Reamed
	<u>1</u>	<u>W</u>	<u>963</u>	<u>963</u>	<u>6</u>			<u>10</u>					<u>8 1/4</u>	<u>981</u>		<u>10</u>
	Bit Serial No. _____ R.P.M. _____					Bit Serial No. <u>17864</u> R.P.M. _____					Bit Serial No. <u>17864</u> R.P.M. _____					
SURVEYS	Kind _____ at _____ Ft. _____ Deg. cff					Kind _____ at _____ Ft. _____ Deg. off					Kind <u>M-5</u> at _____ Ft. _____ Deg. off					
	HOURS Line Press REPAIRS					HOURS Line Press REPAIRS					HOURS Line Press REPAIRS					
SLUSH PUMP RECORD Pump No. 1	On Line Circulating Yes No					On Line Circulating Yes No					On Line <u>4</u> Circulating <u>8</u> Yes No					
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	
	<u>10.5</u>	<u>12</u>	<u>65</u>			<u>10.5</u>	<u>42</u>	<u>5</u>			<u>10.5</u>	<u>42</u>	<u>5</u>			
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.	
	<u>963</u>	<u>913</u>	<u>8</u>	<u>#1</u>	<u>Chertman</u>											
DETAIL OF OPERATIONS AND REMARKS	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>Leaving 5</u> <u>Trip out 1 1/2</u> <u>W.O. orders to</u> <u>rig up to drill to</u>					<u>Trip in 1 1/2</u> <u>running</u> <u>drilling 1 1/4</u> <u>W.O. on W. 4</u> <u>Shut - 1/4</u>					<u>Work out W. 4</u> <u>Drilling 1/4</u>					
	Driller <u>A. Gaudin</u>					Driller <u>M. Reddin</u>					Driller <u>A. Gaudin</u>					

Toolpusher J. E. Abner Approved by _____

Company: Punch Pete
Well: #5

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Contractor: Opark Belg Type Rig: Rotary Date: Sept 30 Days on Well: _____

DEPTH	1st Tour From: <u>8</u> To: <u>4</u>					2nd Tour From: <u>4</u> To: <u>12</u>					3rd Tour From: <u>12</u> To: <u>8</u>																		
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation														
	963	T.D.	0	8 3/4		963	T.D.	0		Shale	963	964	4	8 3/4	Shale														
DRILL PIPE	Std. Singles Kelly Drill Collar Ft. Core Bbl. Ft.					Std. Singles Kelly Drill Collar Ft. Core Bbl. Ft.					Std. Singles Kelly Drill Collar Ft. Core Bbl. Ft.																		
	<u>33 23.8 29.03</u>																												
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
		56			6 1/4	47				56				6 1/2	47														
	Bit Serial No. <u>15027</u> R.P.M.					Bit Serial No. <u>15027</u> R.P.M.					Bit Serial No. <u>15027</u> 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	Line Press	Yes	No	On Line	Circulating	Line Press	Yes	No	On Line	Circulating	Line Press	Yes	No														
Pump No. 1		<u>2 hrs</u>					<u>3</u>				<u>1 1/4</u>	<u>3/4</u>																	
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives														
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	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>Trip in 2</u> <u>circ - 2</u> <u>Trip out 2 1/4</u> <u>sorted in 1 3/4</u>					<u>RUN IN - 2</u> <u>Circ - 1 1/2</u> <u>Pulled out - 1 1/2</u> <u>Circ - 1 1/2</u> <u>Run in 1 1/2</u> <u>Circ - 1 1/2</u>					<u>Circ - 1 1/4</u> <u>TRIP OUT - 2</u> <u>Pick up core - 1 hr</u> <u>RUN IN - 3 3/4</u> <u>Circ - 1 hr</u>																		
	Driller <u>A. Gaudin</u>					Driller <u>M. Reddin</u>					Driller _____																		

Toolpusher L. A. ... Approved by _____

Company: Punch Pete
Well: #5

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Contractor: Dark Dalg Type Rig: Camel Date: Sept 29 Days on Well: _____

DEPTH	1st Tour From: <u>12</u> To: <u>8</u>					2nd Tour From: <u>8</u> To: <u>4</u>					3rd Tour From: <u>4</u> To: <u>12</u>																		
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation														
	<u>963</u>	<u>T.D.</u>			<u>lime</u>	<u>963</u>	<u>T.D.</u>		<u>8 7/8</u>	<u>lime</u>	<u>963</u>	<u>T.D.</u>		<u>8 7/8</u>	<u>lime</u>														
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.																		
						<u>32</u> <u>23.8</u> <u>29.03</u>																							
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
										<u>5-6</u>				<u>6 3/4</u>	<u>41</u>					<u>5-6</u>				<u>6 3/4</u>	<u>41</u>				
	Bit Serial No. _____ R.P.M. _____					Bit Serial No. <u>15027</u> R.P.M. _____					Bit Serial No. <u>15027</u> R.P.M. _____																		
SURVEYS	Kind at Ft. Deg. off					Kind at Ft. Deg. off					Kind at Ft. Deg. off																		
SLUSH PUMP RECORD Pump No. 1	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>0</u>	<u>0</u>					<u>3</u>					<u>23 3/4</u>																	
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives														
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	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>Returning Mud Pump</u>					<u>Trip in w/ junk sub 2</u> <u>Circ 1 1/2 hrs - Trip out 3</u> <u>Work on B.W. - 1 1/2 hrs</u>					<u>Run in 2</u> <u>Circ 2 3/4</u> <u>pulled out 2 1/4</u> <u>started in 1</u>																		
	Driller <u>A. Goode</u>					Driller <u>M. Reddin</u>					Driller <u>M. Reddin</u>																		

Toolpusher: J.E. Almon Approved by: _____

Company: Punch Pete
Well: #5

TECHNICAL OIL CONSULTANTS LTD.

Contractor: Jack Dilg Type Rig: Cardwell Date: Sept 28

DAILY DRILLING REPORT

Days on Well: _____

DEPTH	1st Tour From: <u>12-8</u> To: _____		2nd Tour From: <u>8-4</u> To: <u>4</u>		3rd Tour From: <u>4</u> To: <u>12</u>	
	From	To	From	To	From	To
DRILL PIPE	Hole Made		Hole Made		Hole Made	
	Hole Size		Hole Size		Hole Size	
FORMATION	Formation		Formation		Formation	
	Formation		Formation		Formation	
STDS.	Singles		Singles		Singles	
	Kelly		Kelly		Kelly	
DRILL COLLAR FT.	Drill Collar Ft.		Drill Collar Ft.		Drill Collar Ft.	
	Core Bbl. Ft.		Core Bbl. Ft.		Core Bbl. Ft.	
NO.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.
	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed
BIT RECORD	Bit Serial No. <u>15027</u>		R.P.M.		R.P.M.	
	R.P.M.		R.P.M.		R.P.M.	
SURVEYS	Kind at Ft.		Kind at Ft.		Kind at Ft.	
	Deg. off		Deg. off		Deg. off	
SLUSH PUMP RECORD	HOURS		HOURS		HOURS	
	On Line		On Line		On Line	
PUMP NO. 1	Circulating		Circulating		Circulating	
	Line Press		Line Press		Line Press	
MUD RECORD	REPAIRS		REPAIRS		REPAIRS	
	REPAIRS		REPAIRS		REPAIRS	
CORING	Wt. Visc. W.L. Time		Wt. Visc. W.L. Time		Wt. Visc. W.L. Time	
	Additives		Additives		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.						
2 trips w/ junk basket To clean hole of iron 8 hrs						
2 trips w/ junk basket To clean hole of iron 8 hrs						
Pulled out of hole 2 hrs Work on light plant 4 hrs Work on pumps 2 hrs						
Driller <u>Al Good</u>						
Driller <u>MM Reddin</u>						
Driller <u>MM Reddin</u>						

Toolpusher L. E. Almond

Approved by _____

Company: Punch Pete
Well: #5

Contractor: Frank Hilg Type Rig: Cardwell

TECHNICAL OIL CONSULTANTS LTD.

Date: Sept 27 Days on Well: _____

DAILY DRILLING REPORT

DEPTH	1st Tour From: <u>12</u> To: <u>8</u>					2nd Tour From: <u>8</u> To: <u>4</u>					3rd Tour From: <u>4</u> To: <u>12</u>							
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation			
	<u>966</u>	<u>T.D.</u>				<u>916</u>	<u>963</u>	<u>47</u>	<u>8 5/8</u>	<u>Shale</u>	<u>963</u>	<u>T.D.</u>	<u>8 5/8</u>	<u>Shale</u>				
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.							
	<u>34</u>					<u>84</u> <u>23.8</u> <u>29.03</u>												
BIT RECORD	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>56</u>									<u>56</u>								
SURVEYS	Bit Serial No. <u>15027</u> R.P.M.					Bit Serial No. <u>15027</u> R.P.M.					Bit Serial No. <u>15027</u> R.P.M.							
	Kind at Ft. Deg. off					Kind at Ft. Deg. off					Kind at Ft. Deg. off							
SLUSH PUMP RECORD	HOURS					HOURS					HOURS							
	On Line	Circulating	Line Press	Yes	No	On Line	Circulating	Line Press	Yes	No	On Line	Circulating	Line Press	Yes	No			
MUD RECORD	Wt. Visc. W.L. Time Additives					Wt. Visc. W.L. Time Additives					Wt. Visc. W.L. Time Additives							
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	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>Work on light Plant</u>					<u>Drilling 6 5/8</u> <u>in hole 1</u> <u>Pulling out of hole 1.</u>					<u>for survey out 2</u> <u>run in hole 1 1/2</u> <u>work on plugged bit 2</u> <u>cond mud 4</u>							
Driller <u>A. Goode</u>					Driller <u>M. Reddin</u>					Driller <u>A. Goode</u>								

Toolpusher L.E. Abund Approved by _____

Company: Punch Tool

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Well: Deep Bay #5Contractor: OZARK DrillingType Rig: Cordwell Trailer Date: SEPT 26th 1952

Days on Well: _____

DEPTH	1st Tour From: <u>12 PM</u> To: <u>8 AM</u>					2nd Tour From: <u>8 AM</u> To: <u>4 PM</u>					3rd Tour From: <u>4 PM</u> To: <u>12 PM</u>								
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation				
910	916	6	8 3/8			916	0	8 3/8			916	0	8 3/8						
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.				
	31	23.85	29.03			31	23.85	29.03			31	23.85	29.03						
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		
								Drilled	Reamed								Drilled	Reamed	
	3	5-6	15978		51 1/2	916		506		4	5-6								
	4	5-6	15627							4	5-6								
Bit Serial No. <u>15978</u>					R.P.M. <u>95</u>					Bit Serial No. <u>15027</u>					R.P.M.				
<u>15027</u>										Bit Serial No. <u>15027</u>					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					
	On Line	Circulating		Yes	No	On Line	Circulating		Yes	No	On Line	Circulating		Yes	No				
	1 1/4	—	250			1		200											
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives		Wt.	Visc.	W.L.	Time	Additives		Wt.	Visc.	W.L.	Time	Additives		
	11	45	50				11.1	45											
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	Total Contract Time _____ hrs. Total Company Time _____ hrs.					Total Contract Time _____ hrs. Total Company Time _____ hrs.					Total Contract Time _____ hrs. Total Company Time _____ hrs.								
	Drilling 1 1/4					TRIP in. unable to break circ					Reaming 1 1/2 hr. to bottom								
	TRIP out change bit					TRIP out Free Plugged bit at shale					w.o. Drilling hydraulics								
	TRIP in 6 1/4					TRIP in Reaming to bottom.					overhaul hydraulics								
Driller <u>A. Gosh</u>					Driller <u>T. R. Redlin</u>					Driller _____									

Toolpusher J. E. Alumba

Approved by _____

Company: Punch Pro
Well: Deer Bay #45

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Contractor: OZARK

Type Rig: Cardwell Tumbler Date: SEPT 25, 1952

Days on Well: _____

DEPTH	1st Tour From: <u>12</u> To: <u>8AM</u>					2nd Tour From: <u>8AM</u> To: <u>4PM</u>					3rd Tour From: <u>4PM</u> To: <u>12 PM</u>								
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation				
	<u>800</u>	<u>842</u>	<u>42</u>	<u>8 5/8</u>		<u>842</u>	<u>872</u>	<u>30</u>	<u>8 5/8</u>		<u>872</u>	<u>910</u>	<u>38</u>	<u>8 5/8</u>					
DRILL PIPE	Stds. <u>28</u> Singles <u>2385</u> Kelly <u>2903</u> Drill Collar Ft. <u>2903</u> Core Bbl. Ft. <u>2903</u>					Stds. <u>29</u> Singles <u>2385</u> Kelly <u>2903</u> Drill Collar Ft. <u>2903</u> Core Bbl. Ft. <u>2903</u>					Stds. <u>31</u> Singles <u>2385</u> Kelly <u>2903</u> Drill Collar Ft. <u>2903</u> Core Bbl. Ft. <u>2903</u>								
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		
								Drilled	Reamed									Drilled	Reamed
	<u>3</u>	<u>56</u>			<u>42 1/4</u>	<u>872</u>	<u>6500</u>	<u>432</u>		<u>3</u>	<u>5-6</u>			<u>45 1/4</u>	<u>872</u>	<u>6500</u>	<u>462</u>		
	Bit Serial No. <u>15978</u> R.P.M. <u>96</u>					Bit Serial No. <u>15978</u> R.P.M. <u>95</u>					Bit Serial No. <u>15978</u> R.P.M. <u>95</u>								
SURVEYS	Kind <u>at</u> <u>200</u> Ft. <u>200</u> Deg. off <u>200</u>					Kind <u>at</u> <u>200</u> Ft. <u>200</u> Deg. off <u>200</u>					Kind <u>at</u> <u>200</u> Ft. <u>200</u> Deg. off <u>200</u>								
	HOURS On Line <u>2</u> Circulating <u>2</u> Line Press <u>200</u> REPAIRS <u>200</u>					HOURS On Line <u>3</u> Circulating <u>0</u> Line Press <u>200</u> REPAIRS <u>200</u>					HOURS On Line <u>7 1/2</u> Circulating <u>2</u> Line Press <u>210</u> REPAIRS <u>210</u>								
SLUSH PUMP RECORD	Pump No. <u>1</u>					Pump No. <u>1</u>					Pump No. <u>1</u>								
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives				
	<u>11.1</u>	<u>48</u>	<u>5.1</u>	<u>4.0</u>	<u>50-50 Caustic Soda</u>	<u>11.1</u>	<u>49</u>	<u>5.1</u>			<u>11.1</u>	<u>45</u>	<u>5.3</u>	<u>10PM</u>					
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	Total Contract Time _____ hrs. Total Company Time _____ hrs.					Total Contract Time _____ hrs. Total Company Time _____ hrs.					Total Contract Time _____ hrs. Total Company Time _____ hrs.								
	Drill 4 hrs Change over Pump 5 Change over mud pumps 1 1/2					Change over Pump 5 Drilling 3 hrs					Drill 5 1/2 Change over Pump 1/2 Overhaul Light Plant 2								
	Driller <u>A. G. Galt</u>					Driller <u>Th. Reddin</u>					Driller <u>Th. Reddin</u>								

Toolpusher L. E. Alumba

Approved by _____

Company: PUNCH PET

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Well: PUNCH PET No 5 Contractor: OZARK Type Rig: CANON-K-TERRA Date: SEPT 24 Days on Well: _____

DEPTH	1st Tour From: <u>12 PM</u> To: <u>8 AM</u>					2nd Tour From: <u>8 AM</u> To: <u>4 PM</u>					3rd Tour From: <u>4 PM</u> To: <u>12 PM</u>																		
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation														
	<u>595</u>	<u>650</u>	<u>55</u>	<u>8 1/2</u>	<u>SHALE</u>	<u>650</u>	<u>720</u>	<u>70</u>	<u>8 1/2</u>	<u>SHALE</u>	<u>720</u>	<u>800</u>	<u>80</u>	<u>8 1/2</u>	<u>SHALE</u>														
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.																		
	<u>19</u> <u>25</u> <u>30</u>					<u>22</u> <u>25</u> <u>30</u>					<u>24</u> <u>25</u> <u>30</u>																		
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
	<u>5</u>	<u>S-L 410</u>			<u>24</u>	<u>650</u>	<u>3500</u>	<u>240</u>			<u>56</u>	<u>S-L 410</u>			<u>31 1/4</u>	<u>720</u>	<u>4000</u>	<u>310</u>			<u>5</u>	<u>S-L 410</u>			<u>38 1/4</u>	<u>800</u>	<u>4000</u>	<u>350</u>	
	Bit Serial No. <u>15476</u> R.P.M. <u>100</u>					Bit Serial No. <u>15476</u> R.P.M. <u>100</u>					Bit Serial No. <u>15476</u> R.P.M. <u>100</u>																		
SURVEYS	Kind at Ft. Deg. off					Kind at Ft. Deg. off					Kind at Ft. Deg. off																		
	HOURS					HOURS					HOURS																		
	On Line	Circulating	Line Press	REPAIRS	Yes	No	On Line	Circulating	Line Press	REPAIRS	Yes	No	On Line	Circulating	Line Press	REPAIRS	Yes	No											
SLUSH PUMP RECORD	<u>6 1/2</u> <u>12</u> <u>100</u>					<u>7 1/4</u> <u>150</u>					<u>7</u> <u>150</u>																		
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives														
	<u>10</u>	<u>40</u>	<u>5</u>		<u>MIX 25% - KEROSENE</u> <u>10 COSTIC</u>	<u>10.2</u>	<u>40</u>	<u>4</u>		<u>ADD 3 BALS - PIRSKAL</u>					<u>ADD 1 BBL DIESEL</u>														
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	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. 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. Total Contract Time.....hrs. Total Company Time.....hrs.																		
	<u>DRILL - CONO MUD 1 1/2</u>					<u>DRILL 7 1/4</u>					<u>DRILL 7</u>																		
	<u>DRILL 6 1/2</u>					<u>GUN PITS 3</u>					<u>GUN PITS 3</u>																		
						<u>ADD 3 BALS. DIESEL</u>					<u>CHANG 25% KERO 50% 1/4</u>																		
	Driller <u>H GOOD</u>					Driller <u>M RIDDIN</u>					Driller <u>M RIDDIN - H GOOD</u>																		

Toolpusher L. E. [Signature]

Approved by _____

Company: Punch PUT

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Well Power H Pit No 5

Contractor.....OZARK

Type Rig BROWNELL TAPERS Date SEPT 23

Days on Well...

DEPTH	1st Tour From: 12 PM 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	410		434		29		8 1/2				434		520		81		8 1/2				520		595		75		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.					
BIT RECORD	13		25		30						15		25		30						18		25		30									
	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	5		S-L		410				3		434		3000		29		100		5		S-L		410				10 1/2		520		3000		110	
	Drilled		Reamed								Drilled		Reamed						Drilled		Reamed						Drilled		Reamed					
SLUSH PUMP RECORD	Bit Serial No. 15478 R.P.M.										Bit Serial No. 15478 R.P.M. 100										Bit Serial No. 15478 R.P.M. 100													
MUD RECORD	Kind at Ft. Deg. off										Kind at Ft. Deg. off										Kind at Ft. Deg. off													
	HOURS										HOURS										HOURS													
CORING	On Line		Circulating		Line Press		REPAIRS		Yes		No		On Line		Circulating		Line Press		REPAIRS		Yes		No		On Line		Circulating		Line Press		REPAIRS			
	3		2		100								7 1/2		2		100								7		1		100					
DETAIL OF OPERATIONS AND REMARKS	Wt.		Visc.		W.L.		Time		Additives		Wt.		Visc.		W.L.		Time		Additives		Wt.		Visc.		W.L.		Time		Additives					
	9		15		8				10# CAS TIC		9		40		7												4 SAND TIE		10-00 TIC - 25 G. - 3.16					
	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.													
	W.O. pump & LUTEN 2										CIRC - CONO MUD 1										W.O. LIG HTS 1													
	W.O. P.W. MOTOR 1										DRAIN 2										DRAIN 2													
	RIG TO BOTTOM 2																																	
	DRAIN 3																																	
	Driller A.C.O.O.										Driller M. R. DRAIN										Driller M. R. DRAIN - A.C.O.O.													

Toolpusher L. E. Rhoads

Approved by _____

Company: Pune H PET

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Well Punch PIT No 5 Contractor OZARK Type Rig Crawford T-100 Date Sept 22 Days on Well _____

DEPTH	1st Tour From: 12 PM 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														
	320	348	28	8 1/2	SHALE	348	382	38	8 1/2	SHALE	382	410	24	8 1/2															
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.																		
	10 25 30					11 25 30					12 25 30																		
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
	4	52	300		12	348		48			4	56	300		17	382		82			4	56	300	410	21	410		110	
	Bit Serial No. 5608 R.P.M. 100					Bit Serial No. 5608 R.P.M. 100					Bit Serial No. 5608 R.P.M. 100																		
SURVEYS	Kind at Ft. Deg. off					Kind at Ft. Deg. off					Kind at Ft. Deg. off																		
SLUSH PUMP RECORD	HOURS					HOURS					HOURS																		
	On Line	Circulating	Line Press	Yes	No	On Line	Circulating	Line Press	Yes	No	On Line	Circulating	Line Press	Yes	No														
	2		100			5	2 1/2	100			4		100																
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives														
	9	45	9			9	45	9			9	45	9																
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	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.O. P.W. + COND. MUD 2																												
	DRILL 6																												
	Circ & Cond mud 2 1/2																												
	W.O. pump 1/2																												
	DRILL 5																												
	DRILL 4																												
	TRIP OUT 1/2																												
	W.O. pump CLUTCH 3 1/2																												
	Driller A Coo																												

Toolpusher L.E. Abund Approved by _____

Company: Punch PET
Well: Punch PET No. 5

TECHNICAL OIL CONSULTANTS LTD.

Contractor: DZARR PAHAY

Type Rig: CRAWLER TANKER Date: Sept 21

DAILY DRILLING REPORT

Days on Well: _____

DEPTH	1st Tour From: <u>02 PM</u> To: <u>8 AM</u>				2nd Tour From: <u>8 AM</u> To: <u>4 PM</u>				3rd Tour From: <u>4 PM</u> To: <u>12 PM</u>															
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation									
DRILL PIPE																								
	300		8 1/2			300		8 1/2			300	320	20	8 1/2	SHALE									
	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							
								Drilled	Reamed								Drilled	Reamed						
	4	S-6								4	S-6													
	Bit Serial No. <u>5608</u>				R.P.M.				Bit Serial No. <u>5608</u>				R.P.M. <u>160</u>				Bit Serial No. <u>5608</u>				R.P.M. <u>100</u>			
SURVEYS	Kind at Ft.				Kind at Ft.				Kind at Ft.															
	Deg. off				Deg. off				Deg. off															
SLUSH PUMP RECORD	HOURS				HOURS				HOURS															
	REPAIRS				REPAIRS				REPAIRS															
MUD RECORD	On Line				On Line				On Line															
	Circulating				Circulating				Circulating															
CORING	Line Press				Line Press				Line Press															
	REPAIRS				REPAIRS				REPAIRS															
DETAIL OF OPERATIONS AND REMARKS	Wt. Visc. W.L. Time				Wt. Visc. W.L. Time				Wt. Visc. W.L. Time															
	Additives				Additives				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.															
	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.O. Pump + pump chut H 2 BUILDING SPACER FOR PUMP COND MUD																								
W.O. pump chut H 2 Reaming to Bottom 4 PULL plug BIT 2																								
W.O. Pump + COND MUD 2 PAILING 2																								
Driller <u>H G 000</u>																								
Driller <u>M B 000</u>																								
Driller <u>M B 000</u> <u>H G 000</u>																								

Toolpusher: L.E. Alexander

Approved by: _____

Company: PUNCH PET
Well: PUNCH PET No. 6

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Contractor: DZRAK

Type Rig CANONICAL TRAILER Date Sept 20

Days on Well _____

DEPTH	1st Tour From: _____ To: _____		2nd Tour From: _____ To: _____		3rd Tour From: <u>4 PM</u> To: <u>12 PM</u>	
	From	To	From	To	From	To
DRILL PIPE	Hole Made		Hole Made		Hole Made	
	Hole Size	Formation	Hole Size	Formation	Hole Size	Formation
BIT RECORD	Stds.		Stds.		Stds.	
	Singles	Kelly	Singles	Kelly	Singles	Kelly
SURVEYS	Drill Collar Ft.		Drill Collar Ft.		Drill Collar Ft.	
	Core Bbl. Ft.		Core Bbl. Ft.		Core Bbl. Ft.	
SLUSH PUMP RECORD	No.	Type	No.	Type	No.	Type
	On Bottom At	Pulled At	On Bottom At	Pulled At	On Bottom At	Pulled At
MUD RECORD	Total Hours Run	Depth	Total Hours Run	Depth	Total Hours Run	Depth
	Wt. Lbs.	FEET	Wt. Lbs.	FEET	Wt. Lbs.	FEET
CORING	Drilled	Reamed	Drilled	Reamed	Drilled	Reamed
	R.P.M.		R.P.M.		R.P.M.	
DETAIL OF OPERATIONS AND REMARKS	Kind at Ft. Deg. off		Kind at Ft. Deg. off		Kind at Ft. Deg. off	
	HOURS		HOURS		HOURS	
	On Line	Circulating	On Line	Circulating	On Line	Circulating
	Line Press	REPAIRS	Line Press	REPAIRS	Line Press	REPAIRS
	Yes	No	Yes	No	Yes	No
	Wt.	Visc.	W.L.	Time	Wt.	Visc.
	Additives	Additives	Additives	Additives	Additives	Additives
	From	To	From	To	From	To
	Ft. Rec'd.	Core No.	Ft. Rec'd.	Core No.	Ft. Rec'd.	Core No.
	Type Bbl.	Type Bbl.	Type Bbl.	Type Bbl.	Type Bbl.	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.	
	W.D.C.		W.D.C.		W.D.C.	
	Driller <u>A COOP</u>		Driller <u>M RIZOVICH</u>		Driller <u>M RIZOVICH A COOP</u>	

Toolpusher J.E. H.

Approved by _____

Company: Punch PET

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Well: Punch PET No. 5 Contractor: DZAMType Rig CANAWALL TAILOR Date SEPT 19

Days on Well _____

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		
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.	FEET Drilled Reamed		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET Drilled Reamed
BIT RECORD	Bit Serial No. _____ R.P.M. _____					Bit Serial No. _____ R.P.M. _____					Bit Serial No. _____ R.P.M. _____						
	Kind at Ft. Deg. off					Kind at Ft. Deg. off					Kind at Ft. Deg. off						
SURVEYS	HOURS On Line Circulating					HOURS On Line Circulating					HOURS On Line Circulating						
	Line Press Yes No					Line Press Yes No					Line Press Yes No						
SLUSH PUMP RECORD Pump No. 1	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.						
MUD RECORD	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.						
CORING	W.D.C.					W.D.C.					W.D.C.						
	Nipples up.					Nipples up.					Nipples up.						
DETAIL OF OPERATIONS AND REMARKS	Driller <u>17 Q000</u>					Driller <u>M RENNIN</u>					Driller <u>M RENNIN H G000</u>						
	Toolpusher <u>Z.E. Al...</u>					Approved by _____					Approved by _____						

Company: Punch Pit

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Well: Punch Pit, No. 5 Contractor: OZARKType Rig Oilwell Train Date Sept 18 Days on Well _____

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									
		300		13 1/4			300		13 1/4 + Reamed			300												
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								
								Drilled Reamed									Drilled Reamed							
	3		0		4 1/2			30	3		0		8 1/2	28			38							
	Bit Serial No. R.P.M. 100								Bit Serial No. R.P.M. 100								Bit Serial No. R.P.M.							
SURVEYS	Kind at Ft. Deg. off					Kind at Ft. Deg. off					Kind at Ft. Deg. off													
SLUSH PUMP RECORD Pump No. 1	HOUS		Line Press	REPAIRS		HOUS		Line Press	REPAIRS		HOUS		Line Press	REPAIRS										
	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No								
	4 1/2				4																			
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives									
	5	50	10			9	50	10																
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	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.D. REAMER 2 3/4 pull out picks up REAMER 1 1/4 REAMER 4 1/2					REAM 4 TIRP - COND HOLE W.D. CIRC. HEAD PICK UP CASING WELD SHOE SET SET 66.40 4					MIX CEMENT 3 1/2 RUN CEMENT + DISPLACER 1 1/2 W.D.C. - 2 1/2													
	Driller <u>A. C. 0000</u>					Driller <u>M. B. 0000</u>					Driller <u>M. B. 0000</u>													

Toolpusher J. E. Alford Approved by _____

Company: Punch PET

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Well Punch PCT No 5 Contractor DZARK

Type Rig CRASH TRAILER Date SEPT 17

Days on Well.....

DEPTH	1st Tour From: 12 PM To: 8 PM										2nd Tour From: 8 AM To: 2 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	300										300										700									
	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				
								Drilled	Reamed									Drilled	Reamed								Drilled	Reamed		
SURVEYS	Bit Serial No. R.P.M.										Bit Serial No. R.P.M.										Bit Serial No. R.P.M.									
	Kind at Ft. Deg. off										Kind at Ft. Deg. off										Kind at Ft. Deg. off									
CIRCULATING PUMP RECORD	HOURS										HOURS										HOURS									
	On Line		Circulating		Line Press		REPAIRS		On Line		Circulating		Line Press		REPAIRS		On Line		Circulating		Line Press		REPAIRS							
MUD RECORD	9		40		16				9		40		16				9		40		16									
	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.	
DETAIL OF OPERATIONS AND REMARKS	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. Total Contract Time hrs. Total Company Time hrs. Total Contract Time hrs. Total Company Time hrs.																			
	Circ W.D. REAMER										Circ W.D. REAMER										Circ W.D. REAMER									
Driller H. C. C. C.										Driller M. R. R. R.										Driller M. R. R. R.										

Toolpusher L. E. Abund

Approved by _____

DAILY DRILLING REPORT

Well Punch PIET No 5

Contractor.....OZARK.....

Type Rig CARDWELL TRAILER Date SEPT 16

Days on Well.....

Tool/pusher L. E. Almond Approved by _____

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Company: Punch PRT

Well: Punch PRT No 5

Contractor: DZARK

Type Rig CIRCU W.D. REAMER Date SEPT 15

Days on Well

DEPTH	1st Tour From: <u>12 PM</u> To: <u>8 PM</u>					2nd Tour From: <u>8 PM</u> To: <u>2 PM</u>					3rd Tour From: <u>4 PM</u> To: <u>12 PM</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.							
BIT RECORD	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET Drilled	Reamed	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET Drilled	Reamed
SURVEYS	Kind at Ft. Deg. off					Kind at Ft. Deg. off					Kind at Ft. Deg. off							
SLUSH PUMP RECORD Pump No. 1	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			
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives			
	<u>9</u>	<u>40</u>	<u>10</u>			<u>9</u>	<u>40</u>	<u>10</u>			<u>9</u>	<u>40</u>	<u>10</u>					
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	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.					Total Contract Time _____ hrs. Total Company Time _____ hrs. Total Contract Time _____ hrs. Total Company Time _____ hrs.							
	<u>CIRC. W.D. REAMER</u>					<u>CIRC. W.D. REAMER</u>					<u>CIRC. W.D. REAMER</u>							
Driller <u>A C 000</u>					Driller <u>M R 000</u>					Driller <u>M R 000</u>								
Toolpusher <u>L. E. Almond</u>					Toolpusher <u>L. E. Almond</u>					Toolpusher <u>L. E. Almond</u>								
Approved by _____					Approved by _____					Approved by _____								

Company: Punch PAT

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Well Powell Port No 5

Contractor..... DZARK

Type Rig CRAWLER TRAILER Date SEPT 14

Days on Well.....

DEPTH	1st Tour From: 12 PM 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	700																												
	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			
								Drilled	Reamed									Drilled	Reamed								Drilled	Reamed	
SURVEYS	Bit Serial No. R.P.M.									Bit Serial No. R.P.M.									Bit Serial No. R.P.M.										
SLUSH PUMP RECORD Pump No. 1	Kind		at		Ft.	Deg. off		REPAIRS		Kind		at		Ft.	Deg. off		REPAIRS		Kind		at		Ft.	Deg. off		REPAIRS			
	On Line		Circulating		Line Press	Yes No				On Line		Circulating		Line Press	Yes No				On Line		Circulating		Line Press	Yes No					
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives					Wt.	Visc.	W.L.	Time	Additives					Wt.	Visc.	W.L.	Time	Additives						
CORING	From	To	Ft. Rec'd.	Core No.	Type Bbl.		Hrs.			From	To	Ft. Rec'd.	Core No.	Type Bbl.		Hrs.			From	To	Ft. Rec'd.	Core No.	Type Bbl.		Hrs.				
DETAIL OF OPERATIONS AND REMARKS	Total Contract Time_____hrs. Total Company Time_____hrs. Total Contract Time_____hrs. Total Company Time_____hrs. Total Contract Time_____hrs. Total Company Time_____hrs.																												
	Cine. W.O. Riemer																												
Driller A C ... Cine. W.O. Riemer Driller M R ... Driller M R ... A C ...																													

Toopusher L. E. Almond

Approved by _____

Company: Punch PET
Well: Punch PET No. 5

TECHNICAL OIL CONSULTANTS LTD.

Contractor: DZARK

Type Rig CANWELL TRAILER Date Sept 13

DAILY DRILLING REPORT

Days on Well _____

DEPTH	1st Tour From: <u>12 PM</u> To: <u>8 PM</u>					2nd Tour From: <u>8 AM</u> To: <u>4 PM</u>					3rd Tour From: <u>4 PM</u> To: <u>12 PM</u>								
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation				
	<u>264</u>	<u>290</u>	<u>41</u>	<u>8 1/2</u>		<u>293</u>	<u>300</u>	<u>7</u>	<u>8 1/2</u>	<u>SHALR</u>	<u>300</u>								
DRILL PIPE	Stds. <u>8</u> Singles <u>25</u> Kelly <u>30</u> 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		
								Drilled	Reamed									Drilled	Reamed
	<u>2</u>	<u>8 1/2</u>	<u>180</u>		<u>19</u>	<u>283</u>	<u>100</u>	<u>41</u>		<u>2</u>	<u>8 1/2</u>	<u>180</u>		<u>20 1/2</u>	<u>300</u>	<u>2000</u>	<u>7</u>		
	Bit Serial No. <u>900,45</u> R.P.M. <u>100</u>					Bit Serial No. <u>900,45</u> R.P.M. <u>100</u>					Bit Serial No. _____ R.P.M. _____								
SURVEYS	Kind _____ at _____ Ft. _____ Deg. off _____					Kind _____ at _____ Ft. _____ Deg. off _____					Kind _____ at _____ Ft. _____ Deg. off _____								
	HOURS On Line _____ Circulating _____ Line Press _____ REPAIRS Yes _____ No _____					HOURS On Line _____ Circulating _____ Line Press _____ REPAIRS Yes _____ No _____					HOURS On Line _____ Circulating _____ Line Press _____ REPAIRS Yes _____ No _____								
SLUSH PUMP RECORD	Pump No. <u>1</u>					Pump No. _____					Pump No. _____								
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives				
	<u>40</u>																		
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	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>DRILL 7 1/4</u> <u>W.D. mud line 1/4</u>					<u>DRILL 1 1/2</u> <u>CORE W.D. REAMER BIT</u>					<u>WAIT ON REAMER BIT</u> <u>→ CASING</u>								
	Driller <u>ACCOO</u>					Driller <u>M RIDDIN</u>					Driller <u>M RIDDIN ACCOO</u>								

Toolpusher L.E. Ash

Approved by _____

DAILY DRILLING REPORT

Contractor.....07 ARIK

Type Rig Camp & Trailer Date 8.17.12

Days 0-1 Well.

Tolson L. E. Anderson

Approved by _____

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Company: Punch Pit N

Well: Punch Pit No 5

Contractor: JZARK

Type Rig BAROUSIE TRAILER Date Sept 11

Days on Well

DEPTH	1st Tour From: <u>12 PM</u> To: <u>8 AM</u>					2nd Tour From: <u>8 AM</u> To: <u>4 PM</u>					3rd Tour From: <u>4 PM</u> To: <u>12 PM</u>							
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation			
	100	231	37	8 1/2	SHALE	131	164	33	8 1/2		164	180	16	8 1/2	SHALE			
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.							
	5 25					7 28					8 25							
BIT RECORD	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET Drilled	Reamed	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET Drilled	Reamed
	1	56	0		50	131	2	31			1	56	0		61	180	2	180
SURVEYS	Bit Serial No. <u>15976</u> R.P.M. <u>100</u>					Bit Serial No. <u>15976</u> R.P.M. <u>100</u>					Bit Serial No. <u>15976</u> R.P.M. <u>100</u>							
	Kind at Ft. Deg. off					Kind at Ft. Deg. off					Kind at Ft. Deg. off							
SLUSH PUMP RECORD Pump No. 1	HOURS On Line Circulating Line Press Yes No					HOURS On Line Circulating Line Press Yes No					HOURS On Line Circulating Line Press Yes No							
	8					7 1/2					3 1/2							
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives			
	9	55										45						
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	Total Contract Time _____ hrs. Total Company Time _____ hrs. Total Contract Time _____ hrs. Total Company Time _____ hrs. Total Contract Time _____ hrs. Total Company Time _____ hrs.																	
	DRILL 8 HAS DRILL 7 1/2 Conn. man w. d. Pump 1 DRILL 7 1/2 TRIP OUT 1/2 PICK UP DRILL C. WORKING END 4																	
Driller <u>LIE PHILIPPO</u>					Driller <u>M. BERRIN</u>					Driller <u>A. COO</u>								
Toolpusher <u>J.E. ABRAHAM</u>					Approved by _____													

Company: Punch PRT

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Well: Punch PRT No 5 Contractor: OTARKType Rig: CRAWLER TRAILER Date: Sept 10 Days on Well: _____

DEPTH	1st Tour From: <u>12 PM</u> To: <u>8 AM</u>					2nd Tour From: <u>8 AM</u> To: <u>4 PM</u>					3rd Tour From: <u>4 PM</u> To: <u>12 PM</u>																
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation												
	<u>52</u>	<u>61</u>	<u>9</u>	<u>8 1/2</u>	<u>BOULDER</u>	<u>61</u>	<u>80</u>	<u>19</u>	<u>8 1/2</u>		<u>80</u>	<u>160</u>	<u>20</u>	<u>8 1/2</u>													
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.																
	<u>2</u> <u>2</u> <u>20</u>					<u>3</u> <u>25</u>					<u>4</u>																
BIT RECORD	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
	<u>1</u>	<u>SL</u>	<u>0</u>		<u>27</u>	<u>61</u>	<u>WHL</u>	<u>31</u>		<u>1</u>	<u>SL</u>	<u>0</u>		<u>31 1/2</u>	<u>80</u>		<u>80</u>		<u>1</u>	<u>SL</u>	<u>0</u>		<u>22</u>	<u>130</u>		<u>20</u>	
	Bit Serial No. <u>15976</u> R.P.M. <u>100</u>					Bit Serial No. <u>15976</u> R.P.M. <u>100</u>					Bit Serial No. <u>15976</u> R.P.M. <u>150</u>																
SURVEYS	Kind at Ft. Deg. off					Kind at Ft. Deg. off					Kind at Ft. Deg. off																
SLUSH PUMP RECORD Pump No. 1	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>7</u>		<u>50</u>		<u>7 1/2</u>				<u>7 1/2</u>																		
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives												
		<u>60</u>										<u>60</u>															
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	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>DRILL ON BOULDER 7</u> <u>W.O. Pump 1</u>					<u>DRILL 7 1/2</u> <u>W.O. CHAIN 1/2</u>					<u>DRILL 7 1/2</u> <u>W.O. SWIVEL 1/2</u>																
	Driller <u>L. E. ALEXANDER</u>					Driller <u>L. E. ALEXANDER</u>					Driller <u>M. I. K. D. D. I. N.</u>																

Toolpusher L. E. ALEXANDER

Approved by _____

Company: Punch PETWell: Punch PET No 5Contractor: DZARK

TECHNICAL OIL CONSULTANTS LTD.

Type Rig CARDWELL TRAILER Date Sept 7

DAILY DRILLING REPORT

Days on Well _____

DEPTH	1st Tour From: <u>12 PM</u> To: <u>8 AM</u>					2nd Tour From: <u>8 AM</u> To: <u>4 PM</u>					3rd Tour From: <u>4 PM</u> To: <u>12 PM</u>																			
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation															
DRILL PIPE	0	25	25	8 1/2		25	40	15	8 1/2	<u>GRAVEL</u>	40	52	12	8 1/2	<u>GRAVEL</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.															
	0	0	25	✓	✓	1	25				2	2	25																	
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												
								Drilled	Reamed									Drilled	Reamed											
	1	86	0		8	25	✓	25	✓		1	86	0		14	40	✓	40												
	Bit Serial No. <u>15776</u> R.P.M. <u>100</u>										Bit Serial No. <u>15726</u> R.P.M. <u>100</u>										Bit Serial No. <u>15776</u> R.P.M. <u>100</u>									
SURVEYS	Kind at Ft. Deg. off					Kind at Ft. Deg. off					Kind at Ft. Deg. off																			
SLUSH PUMP RECORD	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															
Pump No. 1	8	✓	0		✓	8	✓	50			8	✓	50																	
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives															
	9	40	10			9	55	20				60																		
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	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>DRILL GRAVEL & BOULDERS</u>																													
	<u>DRILL GRAVEL BOULDERS</u>																													
	<u>DRILL ON BOULDERS</u>																													
	<u>WRIGHT TAIL</u>																													
Driller <u>L F Alexander</u>					Driller <u>L F Alexander - M BIEADIN</u>					Driller <u>M BIEADIN</u>																				

Toolpusher L F Alexander

Approved by _____

Company: Punch PRT

TECHNICAL OIL CONSULTANTS LTD.

DAILY DRILLING REPORT

Well Punch PRT No 5Contractor DZARISType Rig Cannons U Trailer Date Sept 8

Days on Well _____

DEPTH	1st Tour From: <u>12 PM</u> To: <u>8 PM</u>					2nd Tour From: <u>8 AM</u> To: <u>4 PM</u>					3rd Tour From: <u>4 PM</u> To: <u>12 PM</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.																																	
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.					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																																	
SLUSH PUMP RECORD Pump No. 1	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																													
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives																													
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	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.O. RAT Hole 4 Hrs Rig To spec															W.O. SUB															W.O. SUB													
Driller <u>E Taylor</u>															Driller _____															Driller <u>M R T E D P I N</u>														

Toolpusher P E A

Approved by _____

Company: Punch Pit

Well Punch Pist No 5

Contractor DZARIK

TECHNICAL OIL CONSULTANTS LTD.

Type Rig Cannock Trailer Date Sept 7

DAILY DRILLING REPORT

Days on Well.....

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													
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		
								Drilled	Reamed									Drilled	Reamed									Drilled
SURVEYS	Bit Serial No. R.P.M.					Bit Serial No. R.P.M.					Bit Serial No. R.P.M.																	
SLUSH PUMP RECORD Pump No. 1	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														
MUD RECORD	On Line	Circulating	Yes	No	Wt.	Visc.	W.L.	Time	Additives	On Line	Circulating	Yes	No	Wt.	Visc.	W.L.	Time	Additives	On Line	Circulating	Yes	No	Wt.	Visc.	W.L.	Time	Additives	
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	Total Contract Time_____hrs. Total Company Time_____hrs.					Total Contract Time_____hrs. Total Company Time_____hrs.					Total Contract Time_____hrs. Total Company Time_____hrs.																	
	Digging RAT HOLE					Digging RAT HOLE					Digging RAT HOLE																	
	mixing mud					mixing mud					mixing mud																	
	HOLD UP BY GRAVEL					HOLD UP BY GRAVEL					HOLD UP BY GRAVEL																	
	Driller F TAYLOR					Driller					Driller M BROWN																	

Toolpusher L. E. Allen Approved by _____