



File No.
Drilling Authority No. 314

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

RESOURCE MANAGEMENT DIVISION

WELL-SITE INSPECTION REPORT

FROM: Field Office or Area: Box 1500, Yellowknife, NWT. Dist. #2 Date: 2 July 1975

TO: ~~The Oil Conservation Engineer~~ Amoco Canada Petroleum Co. Ltd.

RE: Pan Am Pointed Mountain G-62

Location: Lat. 60-21-26.8 Long. 123-56-46.8 Status: Suspended Gas Well

This location was inspected by the undersigned on 25 June 1975

The location is in satisfactory ~~unsatisfactory~~ condition.

The following items require attention:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Other comments and recommendations: (Include Map, if necessary for clarity)

Inspected by

H.E. Flanders

H.E. Flanders.

Original to Oil Conservation Engineer, Dept of IA & ND, Duplicate to Field Office or Inspecting Engineer.



Indian and Northern Affairs

Affaires indiennes et du Nord

OIL & GAS SECTION

P.O. BOX 1500

YELLOWKNIFE, N.W.T.

XOE 1HO

P. A. 314

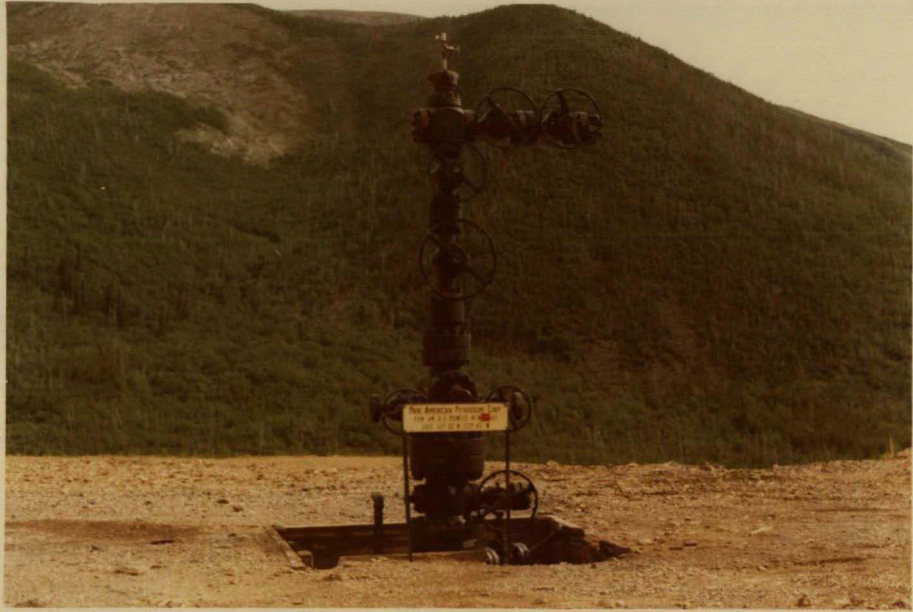
60-21-26.8

123-56-46.8

Pan Am. Painted

Mountain 6-62

25 June 75



O.A. 314

#17 June 25/75

A-3 G-62

Pt. Mt.



BRINKERHOFF BROTHERS LTD.

CALGARY

EDMONTON

THIS IS THE 334 DAY FROM SPUD DATE

WELL

LSD.

SEC.

TWP.

RNGE.

W/

MER.

PROVINCE

COMPANY

RIG No.

DATE

POINTED MTN 7-3
60 30 123 45
VAN AM PETE
N.W.T21
JUNE 23/69
TOOL PUSHER
Ronald Stanton

IN HOLE - END OF TOUR			BIT RECORD		MORNING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD		DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.			FROM	TO	FROM	TO		TIME		DRILLER		
	STAND. D.P.		SIZE							Well open To FLARE Pit			JACK DEARSON	12	
	SNGLS. D.P.		MFG.										DERRICK MAN	12	
	LNGTH. CLRS.		TYPE										MOTOR MAN		
	KELLY IN		SER. No.										HELPER		
	OTHER		DEPTH OUT										HELPER		
	TOTAL		HOURS RUN										HELPER		
DRILL COLLARS															
No.	DIAMETER	LGTH.	FOOTAGE												
			REAMER CUTTER No.												
			TYPE												

IN HOLE - END OF TOUR			BIT RECORD		DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD		DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.			FROM	TO	FROM	TO		TIME		DRILLER		
	STAND. D.P.		SIZE							Well open To FLARE LINE			JACK DEARSON	12	
	SNGLS. D.P.		MFG.										DERRICK MAN	12	
	LNGTH. CLRS.		TYPE										MOTOR MAN		
	KELLY IN		SER. No.										HELPER		
	OTHER		DEPTH OUT										HELPER		
	TOTAL		HOURS RUN										HELPER		
DRILL COLLARS															
No.	DIAMETER	LGTH.	FOOTAGE												
			REAMER CUTTER No.												
			TYPE												

IN HOLE - END OF TOUR			BIT RECORD		EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD		DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.			FROM	TO	FROM	TO		TIME		DRILLER		
	STAND. D.P.		SIZE							Well open to flare line. Leak out rig			DRILLER	12	
	SNGLS. D.P.		MFG.										DERRICK MAN	12	
	LNGTH. CLRS.		TYPE										MOTOR MAN		
	KELLY IN		SER. No.										HELPER		
	OTHER		DEPTH OUT										HELPER		
	TOTAL		HOURS RUN										HELPER		
DRILL COLLARS															
No.	DIAMETER	LGTH.	FOOTAGE												
			REAMER CUTTER No.												
			TYPE												

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

Note - Joe McLean & Dale Reelback worked on 42-H this date. Starter was to make out time for same.

[Faint handwritten notes at top left]

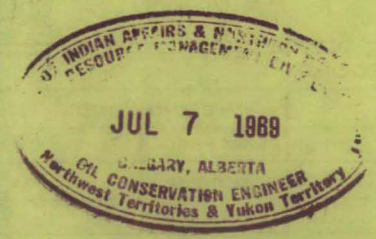
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BRINKERHOFF BROTHERS LTD.
 CALGARY EDMONTON
 THIS IS THE 333 DAY FROM SPUD DATE

WELL POINTED MTN A-3 COMPANY PAN. AM PETE RIG No. 21 DATE JUNE 22/69
 LSD. 60 SEC. 30 TWP. 123 W. 45 MER. N.W.T PROVINCE N.W.T TOOL PUSHER Ronald Stanton

IN HOLE — END OF TOUR			BIT RECORD			MORNING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.	
NO.	PIPE SIZE	FEET	RUN NO.				FROM	TO	FROM	TO		TIME						
	STAND. D.P.		SIZE															DRILLER JACK DERRICKSON
	SNGLS. D.P.		MFG.															DERRICK MAN ROBERT SNELLING
	LNGTH. CLRS.		TYPE															MOTOR MAN BOB Mac GREGOR
	KELLY IN		SER. No.															HELPER GARRY Mac GREGOR
	OTHER		DEPTH OUT															HELPER VERNON SWARTBRICK
TOTAL			HOURS RUN															
DRILL COLLARS																		
NO.	DIAMETER	LGTH.	FOOTAGE															
			REAMER CUTTER No.															
			TYPE															

IN HOLE — END OF TOUR			BIT RECORD			DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.	
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME						
	STAND. D.P.		SIZE									WT.						DRILLER Joe McLean
	SNGLS. D.P.		MFG.									VISC.						DERRICK MAN Dale Redelback
	LNGTH. CLRS.		TYPE									W. L. CC.						MOTOR MAN Heinz Scheller
	KELLY IN		SER. No.									FLTR. CK.						HELPER O. Lindquist
	OTHER		DEPTH OUT									P. H.						HELPER George Guest
	TOTAL		HOURS RUN									MUD & CHEM. ADDED						HELPER
DRILL COLLARS												DEVIATION			TYPE	AMOUNT		
No.	DIAMETER	LGTH.	FOOTAGE									DEPTH	DEGREES					
			REAMER CUTTER No.															
			TYPE												HELPER Orvil Smith			

IN HOLE — END OF TOUR			BIT RECORD			EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.	
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME						
	STAND. D.P.		SIZE									WT.						DRILLER
	SNGLS. D.P.		MFG.									VISC.						DERRICK MAN
	LNGTH. CLRS.		TYPE									W. L. CC.						MOTOR MAN
	KELLY IN		SER. No.									FLTR. CK.						HELPER
	OTHER		DEPTH OUT									P. H.						HELPER
	TOTAL		HOURS RUN									MUD & CHEM. ADDED						HELPER
DRILL COLLARS												DEVIATION			TYPE	AMOUNT		
No.	DIAMETER	LGTH.	FOOTAGE									DEPTH	DEGREES					
			REAMER CUTTER No.															
			TYPE															

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

Mix 48 bbls. 10% HCL Acid + 40 gals. inhibitor + pump down
 max pressure 8000* broke + fed @ 5500 P.S.I. @ 3.8 bbls. per min.
 Leave 1 hr. + flow well. to clear up.

SLUSH PUMP RECORD					
MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

CALGARY

BRINKERHOFF BROTHERS LTD.

EDMONTON

THIS IS THE 331 DAY FROM SPUD DATE

WELL

POINTED MIN. A-3.

COMPANY

PAN AM PETE

RIG No.

21

DATE

JUNE 20/69

LSD.

SEC.

TWP.

RNGE.

W/

MER.

PROVINCE

N.W.T

TOOL PUSHED

Donald Stanton

IN HOLE - END OF TOUR			BIT RECORD		TIME FROM TO	DRILLED FROM TO	FORMATION AND EXPLANATION	MUD RECORD		DRLG. CREW PAYROLL	HRS.
No.	PIPE SIZE	FEET	RUN No.					TIME			
	STAND. D.P.		SIZE					WT.		DRILLER	
	SNGLS. D.P.		MFG.					VISC.		DERRICK MAN	
	LNTH. CLRS.		TYPE					W. L. CC.		MOTOR MAN	
	KELLY IN		SER. No.					FLTR. CK.		HELPER	
	OTHER		DEPTH OUT					P. H.		HELPER	
	TOTAL		HOURS RUN					MUD & CHEM. ADDED		HELPER	
DRILL COLLARS			FOOTAGE					TYPE	AMOUNT	HELPER	
No.	DIAMETER	LGTH.	REAMER CUTTER No.							HELPER	
			TYPE							HELPER	

IN HOLE - END OF TOUR			BIT RECORD		TIME FROM TO	DRILLED FROM TO	FORMATION AND EXPLANATION	MUD RECORD		DRLG. CREW PAYROLL	HRS.
No.	PIPE SIZE	FEET	RUN No.					TIME			
	STAND. D.P.		SIZE					WT.		DRILLER	
	SNGLS. D.P.		MFG.					VISC.		DERRICK MAN	
	LNTH. CLRS.		TYPE					W. L. CC.		MOTOR MAN	
	KELLY IN		SER. No.					FLTR. CK.		HELPER	
	OTHER		DEPTH OUT					P. H.		HELPER	
	TOTAL		HOURS RUN					MUD & CHEM. ADDED		HELPER	
DRILL COLLARS			FOOTAGE					TYPE	AMOUNT	HELPER	
No.	DIAMETER	LGTH.	REAMER CUTTER No.							HELPER	
			TYPE							HELPER	

IN HOLE - END OF TOUR			BIT RECORD		TIME FROM TO	DRILLED FROM TO	FORMATION AND EXPLANATION	MUD RECORD		DRLG. CREW PAYROLL	HRS.
No.	PIPE SIZE	FEET	RUN No.					TIME			
	STAND. D.P.		SIZE					WT.		DRILLER	
	SNGLS. D.P.		MFG.					VISC.		DERRICK MAN	
	LNTH. CLRS.		TYPE					W. L. CC.		MOTOR MAN	
	KELLY IN		SER. No.					FLTR. CK.		HELPER	
	OTHER		DEPTH OUT					P. H.		HELPER	
	TOTAL		HOURS RUN					MUD & CHEM. ADDED		HELPER	
DRILL COLLARS			FOOTAGE					TYPE	AMOUNT	HELPER	
No.	DIAMETER	LGTH.	REAMER CUTTER No.							HELPER	
			TYPE							HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD

Swab total of 26 Bbls diesel fuel to tank
fluid level @ 1450' (displacement diesel fuel)

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

CALGARY

BRINKERHOFF BROTHERS LTD.

EDMONTON

THIS IS THE 330 DAY FROM SPUD DATE

WELL

LSD

SEC.

TWP.

RNGE.

COMPANY

W/

MER.

PROVINCE

RIG No.

DATE

TOOL PUSHER

POINTED MTN-7-3
60 30 123 45
VAN AM PETE
N.W.T21
JUNE 19/69
Ronald Stanton

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION			MUD RECORD			DRLG. CREW PAYROLL			HRS.			
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO				TIME	WT.	VISC.	W. L. CC.	FLTR. CK.	P. H.	MUD & CHEM. ADDED			
						12 ⁰⁰ 1 ⁰⁰				Pump To FORMATION By HALIBURTON											DRILLER	JACK DERMSON
						1 ⁰⁰ 4 ⁰⁰				Run IN W/ DUMP BAKER W/ ACID											DERRICK MAN	ROBERT SNELLING
						4 ⁰⁰ 8 ⁰⁰				Pump To FORMATION By HALIBURTON											MOTOR MAN	Bob MacGREGOR
										Dump 8 gals HCL.			DEVIATION								HELPER	GARRY MacGREGOR
										15% W/ inhibitor			DEPTH		DEGREES						HELPER	VERNON SWARBRICK
																					HELPER	
						8 ⁰⁰ 2 ⁰⁰				Pump To FORMATION By Haliburton											DRILLER	Joe McLEAN
						2 ⁰⁰ 3 ³⁰				BAKER RUNNING INTO OPEN SLEEVE											DERRICK MAN	PALE REPELBACK
						3 ³⁰ 4 ⁰⁰				Displace DRESSER FUEL OUT OF TUBING											MOTOR MAN	HEINZ Scheller.
													DEVIATION								HELPER	Alf Lindquist
													DEPTH		DEGREES						HELPER	George GUEST
																					HELPER	DAVID SMITH
						4 ⁰⁰ 5 ¹⁵				Pump acid into tubing											DRILLER	Siemel Studer
						5 ¹⁵ 8 ¹⁵				Baker closing sliding sleeve											DERRICK MAN	Syl White
						8 ¹⁵ 12 ⁰⁰				Pump acid into formation											MOTOR MAN	Borden Ward
										By Haliburton			DEVIATION								HELPER	Sam Spratten
													DEPTH		DEGREES						HELPER	Herb Smeltzer
																					HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

Mixed 24 holes. Acidic Acid with 622 inhibitor + squeezed away in 4 hrs. @ 8000 P.S.I.

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

CALGARY

BRINKERHOFF BROTHERS LTD.

EDMONTON

WELL

LSD.

SEC.

TWP.

RNGE.

COMPANY

W/

MER.

PROVINCE

RIG No.

DATE

THIS IS THE 329 DAY FROM SPUD DATE

POINTED MTN A-3
60 30 123PAN AM PETE
45 N.W.T21 JUNE 18/69
TOOL PUSHER
Ronald Stanton

IN HOLE — END OF TOUR			BIT RECORD			TIME FROM TO	DRILLED FROM TO	FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE					TIME			TYPE	AMOUNT	
	STAND. D.P.		SIZE			12 ⁰⁰	2 ⁰⁰	PERFORATE PUMP DIESEL INTO FORMATION	WT.			JACK OERSON		
	SNGLS. D.P.		MFG.			2 ⁰⁰	8 ⁰⁰		VISC.			ROBERT SNELLING		
	LNGTH. CLRS.		TYPE					W. L. CC.			BIB MacGREGOR			
	KELLY IN		SER. No.					FLTR. CK.			GARRY MacGREGOR			
	OTHER		DEPTH OUT					P. H.			VERNON SWARBRICK			
TOTAL			HOURS RUN					MUD & CHEM. ADDED						
DRILL COLLARS								DEVIATION						
No.	DIAMETER	LGTH.	FOOTAGE					DEPTH	DEGREES					
			REAMER CUTTER No.											
			TYPE											

IN HOLE — END OF TOUR			BIT RECORD			DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME			DRILLER		
	STAND. D.P.		SIZE									WT.			Joe McLean		
	SNGLS. D.P.		MFG.									VISC.			Dale Redelback		
	LNGTH. CLRS.		TYPE									W. L. CC.			Motor Man		
	KELLY IN		SER. No.									FLTR. CK.			Heinz Scheller		
	OTHER		DEPTH OUT									P. H.			Off. Lindquist		
	TOTAL		HOURS RUN									MUD & CHEM. ADDED			HELPER	George GUEST	
DRILL COLLARS												DEVIATION			TYPE	AMOUNT	
No.	DIAMETER	LGTH.	FOOTAGE									DEPTH	DEGREES				
			REAMER CUTTER No.														
			TYPE														

IN HOLE — END OF TOUR			BIT RECORD			EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
NO.	PIPE SIZE	FEET	RUN NO.				FROM	TO	FROM	TO		TIME				DRILLER	
	STAND. D.P.		SIZE									WT.				DERRICK MAN	
	SNGLS. D.P.		MFG.									VISC.				MOTOR MAN	
	LNGTH. CLRS.		TYPE									W. L. CC.				HELPER	
	KELLY IN		SER. NO.									FLTR. CK.				HELPER	
	OTHER		DEPTH OUT									P. H.				HELPER	
	TOTAL		HOURS RUN									MUD & CHEM. ADDED				HELPER	
DRILL COLLARS												DEVIATION		TYPE	AMOUNT	HELPER	
NO.	DIAMETER	LGTH.	FOOTAGE									DEPTH	DEGREES			HELPER	
			REAMER CUTTER NO.											HELPER			
			TYPE											HELPER			

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD

MORNING TOUR						DAY TOUR						EVENING TOUR					
PUMP PRES.		PSI	PUMP PRES.		PSI	PUMP PRES.		PSI	PUMP PRES.		PSI	PUMP PRES.		PSI	PUMP PRES.		PSI
ROT. R.P.M.			ROT. R.P.M.			ROT. R.P.M.			ROT. R.P.M.			ROT. R.P.M.			ROT. R.P.M.		
POINTS WT.			POINTS WT.			POINTS WT.			POINTS WT.			POINTS WT.			POINTS WT.		
LINER SIZE			LINER SIZE			LINER SIZE			LINER SIZE			LINER SIZE			LINER SIZE		

Perforated by Schlumberger 13, 134 - 13, 164 2 ft per shot

W/ 1 9/16" Scallop Gun total 16 shots

L.P.D.

IN HOLE — END OF TOUR			BIT RECORD			MORNING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.	
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME						
	STAND. D.P.		SIZE									WT.						DRILLER JACK DERTSON
	SNGLS. D.P.		MFG.									VISC.						DERRICK MAN RIBERT SNELLING
	LNGTH. CLRS.		TYPE									W-L. CC.						MOTOR MAN BOB MAC GREGOR
	KELLY IN		SER. No.									FLTR. CK.						HELPER GARRY MAC GREGOR
	OTHER		DEPTH OUT									P. H.						HELPER VERNON SWARBRICK
	TOTAL		HOURS RUN									MUD & CHEM. ADDED						HELPER
DRILL COLLARS												TYPE		AMOUNT				
No.	DIAMETER	LGTH.	FOOTAGE									DEPTH		DEGREES				
			REAMER CUTTER No.															
			TYPE															

12 ⁰⁰	2 ⁰⁰															
2 ⁰⁰	5 ³⁰															
5 ³⁰																
	7 ¹⁵															
7 ¹⁵	8 ⁰⁰															
Perforated		13,134-	13,184	1 shot												
every 2'		W/ 1 7/16"	Scallop Guns	total 16 shots												

IN HOLE — END OF TOUR			BIT RECORD			DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.		
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME							
	STAND. D.P.		SIZE									WT.						DRILLER Joe McLean	
	SNGLS. D.P.		MFG.									VISC.						DERRICK MAN Dale Pedelback	
	LNGTH. CLRS.		TYPE									W. L. CC.						MOTOR MAN Heinz Scheller	
	KELLY IN		SER. No.									FLTR. CK.						HELPER Alf Lindqvist	
	OTHER		DEPTH OUT									P. H.						HELPER George Quest	
	TOTAL		HOURS RUN									MUD & CHEM. ADDED						HELPER	
DRILL COLLARS												DEVIATION							HELPER
No.	DIAMETER	LGTH.	FOOTAGE									DEPTH	DEGREES						HELPER
			REAMER CUTTER No.													HELPER Orvil Smith			
			TYPE																
						</													

IN HOLE — END OF TOUR			BIT RECORD			EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.				
No.	PIPE SIZE	FEET	RUN No.	SIZE			FROM	TO	FROM	TO		TIME	WT.	VISC.	W. L. CC.	FLTR. CK.		P. H.	MUD & CHEM. ADDED	TYPE	AMOUNT
	STAND. D.P.			MFG.																	
	SNGLS. D.P.			TYPE																	
	LNGTH. CLRS.			SER. No.																	
	KELLY IN			DEPTH OUT																	
	OTHER			HOURS RUN																	
TOTAL				FOOTAGE																	
DRILL COLLARS				REAMER CUTTER No.																	
No.	DIAMETER	LGTH.		TYPE																	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD

MORNING TOUR				DAY TOUR				EVENING TOUR			
PUMP PRES.		PSI		PUMP PRES.		PSI		PUMP PRES.		PSI	
ROT. R.P.M.				ROT. R.P.M.				ROT. R.P.M.			
POINTS WT.				POINTS WT.				POINTS WT.			
LINER SIZE				LINER SIZE				LINER SIZE			

BRINKERHOFF BROTHERS LTD.			EDMONTON		WELL <i>POINTED MTN 17-3</i>		COMPANY <i>PAN AM PETE</i>		RIG No. <i>21</i>	DATE <i>JUNE 16/69</i>	
CALGARY			THIS IS THE <i>327</i> DAY FROM SPUD DATE			LSD. <i>60</i>	SEC. <i>30</i>	TWP. <i>123</i>	RNGE. <i>45</i>	W/ <i>N.W.T</i>	PROVINCE <i>N.W.T</i>
TOOL PUSHER <i>Ray Thacker</i>											

IN HOLE — END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION			MUD RECORD			DRLG. CREW PAYROLL		HRS.						
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO				TIME	WT.	VISC.	FLTR. CK.	P. H.							
STAND. D.P.			MFG.							<i>PRESSURE up to 5000*</i> <i>MEASURE & pick up 3 1/2 Hydral</i> <i>TUBING Fill w/ WATER + 1901. FIN INHIBITOR</i> <i>EVERY 20 FT</i> <i>PRESSURE up to 5000*</i> <i>Pickup TUBING</i> <i>PRESSURE up 5000*</i>														
SNGLS. D.P.			TYPE																					
LNGTH. CLRS.			SER. No.																					
KELLY IN			DEPTH OUT																					
OTHER			HOURS RUN																					
TOTAL			FOOTAGE																					
DRILL COLLARS			REAMER CUTTER No.																					
No.			DIAMETER			LGTH.																		
			TYPE																					

IN HOLE — END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION			MUD RECORD			DRLG. CREW PAYROLL		HRS.						
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO				TIME	WT.	VISC.	FLTR. CK.	P. H.							
STAND. D.P.			MFG.							<i>Finish Run Tubing. Fill E/20 FT</i> <i>Fill Pipe & Press. Test 5000 PSI</i> <i>Rig up Baker Wire Line.</i> <i>Baker Retrieve plug.</i> <i>Run 194 Jts C.S. Hydral Tubing landed in packer</i> <i>@ 12,873.00 K.B. on tally & Tail</i> <i>pipe bottom @ 12,926' K.B.</i>														
SNGLS. D.P.			TYPE																					
LNGTH. CLRS.			SER. No.																					
KELLY IN			DEPTH OUT																					
OTHER			HOURS RUN																					
TOTAL			FOOTAGE																					
DRILL COLLARS			REAMER CUTTER No.																					
No.			DIAMETER			LGTH.																		
			TYPE																					

IN HOLE — END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION			MUD RECORD			DRLG. CREW PAYROLL		HRS.					
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO				TIME	WT.	VISC.	FLTR. CK.	P. H.						
STAND. D.P.			MFG.							<i>Circulate</i> <i>Seat into packer land tubing</i> <i>put on tree - Pressure up.</i>													
SNGLS. D.P.			TYPE																				
LNGTH. CLRS.			SER. No.																				
KELLY IN			DEPTH OUT																				
OTHER			HOURS RUN																				
TOTAL			FOOTAGE																				
DRILL COLLARS			REAMER CUTTER No.																				
No.			DIAMETER			LGTH.																	
			TYPE																				

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)										SLUSH PUMP RECORD					
<i>Sgt. White - 8 hrs. at Pan Ams. Request.</i> <i>Press Test Tubing 5 Times @ 5000 P.S.I. on trip in hole</i> <i>holding O.K.</i> <i>F.P.D.</i>										MORNING TOUR		DAY TOUR		EVENING TOUR	
										PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
										ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
										POINTS WT.		POINTS WT.		POINTS WT.	
										LINER SIZE		LINER SIZE		LINER SIZE	

DEPT. OF INDIAN AFFAIRS & NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT DIVISION
JUL 7 1988
CALGARY, ALBERTA
OIL CONSERVATION ENGINEER
Northwest Territories & Yukon Territory

CALGARY
THIS IS THE 325 DAY FROM SPUD DATE

BRINKERHOFF BROTHERS LTD.

EDMONTON

WELL POINTED. MTN A-3
LSD. 60 SEC. 30 TWP. 123 RNGE. 45 W. MER. PROVINCE N.W.T.
COMPANY PAN 7M. PETE

RIG No. 21 DATE JUNE 14/69
TOOL PUSHER Hay Mackie

IN HOLE - END OF TOUR			BIT RECORD			MORNING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE			FROM	TO	FROM	TO		TIME			DRILLER		
	STAND. D.P.											WT.			JACK. DERKSON		
	SNGLS. D.P.											VISC.			DERRICK MAN ROBERT SNELLING 12		
	LNGTH. CLRS.											W. L. CC.			MOTOR MAN BOB MACGREGOR 12		
	KELLY IN											FLTR. CK.			HELPER GARRY MAC GREGOR		
	OTHER											P. H.			HELPER VERNON SWARBRICK		
	TOTAL											MUD & CHEM. ADDED			HELPER		
DRILL COLLARS												TYPE	AMOUNT		HELPER		
No.	DIAMETER	LGTH.										DEPTH	DEGREES		HELPER		

IN HOLE - END OF TOUR			BIT RECORD			DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE			FROM	TO	FROM	TO		TIME			DRILLER		
	STAND. D.P.											WT.			Joe McLean		
	SNGLS. D.P.											VISC.			DERRICK MAN Dale Redelback		
	LNGTH. CLRS.											W. L. CC.			MOTOR MAN Heinz Scheffer		
	KELLY IN											FLTR. CK.			HELPER W. Lindquist		
	OTHER											P. H.			HELPER George Quest		
	TOTAL											MUD & CHEM. ADDED			HELPER		
DRILL COLLARS												TYPE	AMOUNT		HELPER		
No.	DIAMETER	LGTH.										DEPTH	DEGREES		HELPER		

IN HOLE - END OF TOUR			BIT RECORD			EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE			FROM	TO	FROM	TO		TIME			DRILLER		
	STAND. D.P.											WT.			Ronald Studer		
	SNGLS. D.P.											VISC.			DERRICK MAN Ed. White 12		
	LNGTH. CLRS.											W. L. CC.			MOTOR MAN Brent Ward		
	KELLY IN											FLTR. CK.			HELPER Tom Sprattin		
	OTHER											P. H.			HELPER Herb Smeltzer 12		
	TOTAL											MUD & CHEM. ADDED			HELPER		
DRILL COLLARS												TYPE	AMOUNT		HELPER		
No.	DIAMETER	LGTH.										DEPTH	DEGREES		HELPER		

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

men worked over laying down pipes

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

CALGARY
BRINKERHOFF BROTHERS LTD.
EDMONTON
THIS IS THE 324 DAY FROM SPUD DATE

WELL POINTED MTN-17-3
LSD. 160' SEC. 30' TWP. 123° RNGE. 45° W/ MER. PROVINCE N.W.T.

RIG No. 21 DATE JUNE 13/69
TOOL RUSHER Jay Thacker

IN HOLE - END OF TOUR			BIT RECORD		MORNING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD		DRLG. CREW PAYROLL	
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME			HRS.
135	3 1/2 IF		RR	4 1/2		1200	1215				WT.		DRILLER JACK DERKSON	
	STAND. D.P.					1215	400				VISC.		DERRICK MAN ROBERT SNEHLING	
	SNGLS. D.P.		MFG.	REED		400	600				W. L. CC.		MOTOR MAN Bob Mac GREGOR	
13	5050113	126984	TYPE	YSR		600	615				FLTR. CK.		HELPER GARRY Mac GREGOR	
	KELLY IN		SER. No.	50128		615	800				P. H.		HELPER VERNON SWARRBRICK	
SCRAPE JARS	1245		DEPTH OUT								MUD & CHEM. ADDED			
	TOTAL	153	HOURS RUN								TYPE	AMOUNT		
DRILL COLLARS			FOOTAGE								DEPTH	DEGREES		
No.	DIAMETER	LGTH.	REAMER CUTTER No.											
			TYPE											

IN HOLE - END OF TOUR			BIT RECORD		DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD		DRLG. CREW PAYROLL	
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME			HRS.
136	3 1/2 IF					800	900				WT.		DRILLER Joe McLean	
	STAND. D.P.	12671.73				900	1215				VISC.		DERRICK MAN Dale Redelback	
	SNGLS. D.P.		MFG.			1215	200				W. L. CC.		MOTOR MAN Heinz Scheller	
	LNGLH. CLRS.		TYPE								FLTR. CK.		HELPER W. Lindquist	
	KELLY IN		SER. No.								P. H.		HELPER George Oest	
7" Scrape JARS	5.43		DEPTH OUT								MUD & CHEM. ADDED			
	TOTAL		HOURS RUN								TYPE	AMOUNT		
DRILL COLLARS			FOOTAGE								DEPTH	DEGREES		
No.	DIAMETER	LGTH.	REAMER CUTTER No.											
			TYPE											

IN HOLE - END OF TOUR			BIT RECORD		EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD		DRLG. CREW PAYROLL	
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME			HRS.
137	3 1/2 IF		Run	6 1/8		400	630				WT.		DRILLER Ronel Staden	
	STAND. D.P.	12984.07				630	1000				VISC.		DERRICK MAN Syl White	
	SNGLS. D.P.		MFG.			1000	1200				W. L. CC.		MOTOR MAN Grant Ward	
	LNGLH. CLRS.		TYPE								FLTR. CK.		HELPER Tom Sprattin	
	KELLY IN	21.50	SER. No.								P. H.		HELPER Karl Smeltzer	
Scrape	5.43		DEPTH OUT								MUD & CHEM. ADDED			
	TOTAL		HOURS RUN								TYPE	AMOUNT		
DRILL COLLARS			FOOTAGE								DEPTH	DEGREES		
No.	DIAMETER	LGTH.	REAMER CUTTER No.											
			TYPE											

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

Run cement plug 14,004 - 13,800 32 sks + 2%
Hx-12 mixed 6 Bbls slurry 15.1 * gal.
L Bondar

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF BROTHERS LTD.
CALGARY EDMONTON
THIS IS THE 322 DAY FROM SPUD DATE

WELL POINT MTN - A-3
LSD. 60 SEC. 30 TWP. 123 RNGE. 45 W/ MER. PROVINCE N.W.T.
COMPANY PAN AM PETE
RIG No. 21 DATE JUNE 4/69
TOOL NUMBER Day Tracker

IN HOLE — END OF TOUR			BIT RECORD			MORNING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.		
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME			WT.				DRILLER
136	STAND. D.P.	1267 1/4	SIZE				1200	1215											JACK DERTKSON
2	SNGLS. D.P.	6258	MFG.				1215												DERRICKMAN ROBERT SNELLING
13	START UP	6954	TYPE																MOTOR MAN BOB MAC GREGOR
	KELLY IN		SER. No.					630											HELPER GARRY MAC GREGOR
	STINGER	153	DEPTH OUT				630	800											VEANON SWAB BRICK
	TOTAL		HOURS RUN					730											HELPER
DRILL COLLARS			FOOTAGE					730											HELPER
No.	DIAMETER	LGTH.	REAMER CUTTER No.																HELPER
			TYPE																

IN HOLE - END OF TOUR			BIT RECORD			DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.		
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME							
136	STAND. D.P.	12671.73	SIZE				8 ⁰⁰	11 ³⁰											DRILLER Joe McLean
2	SNGLS. D.P.	6258	MFG				11 ³⁰	12 ³⁰											DERRICK MAN Dale Redelback
13	STAND. D.P.	12698.4	TYPE				12 ³⁰	3 ³⁰											MOTOR MAN Heinz Sheller
	KELLY IN		SER. No.				3 ³⁰	4 ⁰⁰											HELPER Alf. Lindquist
	STINGER	1153	DEPTH OUT																HELPER George Gust
	TOTAL		HOURS RUN																HELPER
DRILL COLLARS			FOOTAGE																HELPER
No.	DIAMETER	LGTH.																	HELPER
			REAMER CUTTER No.													HELPER			
			TYPE													HELPER			
Orvil Smith 8 hrs water pumping & 6 hrs help																			

IN HOLE — END OF TOUR			BIT RECORD			EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION Backwash Boist. Run in bit & scraper & jars	MUD RECORD			DRLG. CREW PAYROLL		HRS.		
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME							
133	3 1/2						4 ⁰⁰	5 ³⁰											DRILLER Georg Spuder
	STAND. D.P.		SIZE	4 1/8			5 ³⁰	10 ³⁰											DERRICK MAN J. White
	SNGLS. D.P.		MFG.	Reel			10 ³⁰	12 ⁰⁰											MOTOR MAN Grant Ward
	LNGLH. CLRS.		TYPE	VS-R															HELPER Tom Spratten
	KELLY IN		SER. No.	Re-run															HELPER Hub. Smetzer
	STINGER	12.45	DEPTH OUT																
	TOTAL		HOURS RUN																
DRILL COLLARS																			
No.	DIAMETER	LGTH.	FOOTAGE								DEVIATION		TYPE	AMOUNT					
			REAMER CUTTER No.								DEPTH	DEGREES							
			TYPE																

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

Run Cement plug over perfs 14025-14060, mixed 75sax + 22 H&L + ext. feed
rate of 3 b.p.m. @ 1425 PSI. Pump to bottom + latch into packer @
14,004'. Pump in CEMENT @ 1100 PSI. + final 1200 PSI. Pull up to 13,708' + back
wash 5 bbl. cement

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

CALGARY
BRINKERHOFF BROTHERS LTD.
EDMONTON
THIS IS THE 321 DAY FROM SPUD DATE

WELL
POINTED MTH 17-3
LSD. 60 SEC. 30 TWP. 123 RNGE. 45 W/ MER. PROVINCE N.W.T.

RIG No. 21
DATE JUNE 10/69
TOOL PUMPER Day Hacks

IN HOLE - END OF TOUR			BIT RECORD			MORNING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE			FROM	TO	FROM	TO		TIME			DRILLER		
136	STAND. D.P.	12671.73					12 ⁰⁰					WT.			JACK DEERIKSON		
2	SNGLS. D.P.	62.58					12 ³⁰	12 ³⁰				VISC.			DERRICK MAN ROBERT SNELLING		
13	LNTH. CLRS.	126984					12 ⁴⁰	12 ⁴⁰				W. L. CC.			MOTOR MAN Bob Mac GREGOR		
	KELLY IN						2 ⁴⁰	2 ⁴⁰				FLTR. CK.			HELPER GARRY MAC GREGOR		
	OTHER						8 ⁰⁰					P. H.			HELPER VERNON SWARBRICK		
	TOTAL	3153										MUD & CHEM. ADDED			HELPER		
	DRILL COLLARS											TYPE	AMOUNT		HELPER		
No.	DIAMETER	LGTH.	FOOTAGE									DEPTH	DEGREES		HELPER		
			REAMER CUTTER No.														
			TYPE														

IN HOLE - END OF TOUR			BIT RECORD			DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE			FROM	TO	FROM	TO		TIME			DRILLER		
136	STAND. D.P.	12671.73					8 ⁰⁰	8 ³⁰				WT.			Joe McLean		
2	SNGLS. D.P.	62.58					8 ³⁰	12 ³⁰				VISC.			DERRICK MAN Dale Pedelback		
13	LNTH. CLRS.	126984					12 ³⁰	2 ⁴⁵				W. L. CC.			MOTOR MAN Heinz Scheller		
	KELLY IN											FLTR. CK.			HELPER Alf. Lindquist		
	OTHER						2 ⁴⁵					P. H.			HELPER George Guest		
	TOTAL	3153										MUD & CHEM. ADDED			HELPER		
	DRILL COLLARS											TYPE	AMOUNT		HELPER		
No.	DIAMETER	LGTH.	FOOTAGE									DEPTH	DEGREES		HELPER		
			REAMER CUTTER No.												HELPER		
			TYPE												HELPER		

IN HOLE - END OF TOUR			BIT RECORD			EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE			FROM	TO	FROM	TO		TIME			DRILLER		
	STAND. D.P.						4 ⁰⁰	6 ⁰⁰				WT.			Ronald Spuder		
	SNGLS. D.P.						6 ⁰⁰	11 ³⁰				VISC.			DERRICK MAN Syd. White		
	LNTH. CLRS.						11 ³⁰	12 ⁰⁰				W. L. CC.			MOTOR MAN Grant Ward		
	KELLY IN											FLTR. CK.			HELPER Tom Sprothton		
	OTHER											P. H.			HELPER Herb. Smeltzer		
	TOTAL											MUD & CHEM. ADDED			HELPER		
	DRILL COLLARS											TYPE	AMOUNT		HELPER		
No.	DIAMETER	LGTH.	FOOTAGE									DEPTH	DEGREES		HELPER		
			REAMER CUTTER No.												HELPER		
			TYPE												HELPER		

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

4 QT FLUID FROM DSTH10 TO G.P. FORTULSA. 6/11/69 ON OYE + F27 RDC

Orvil Smith 10 hrs water pumping
+ 6 hrs helping mechanic
Russell Campbell.

SLUSH PUMP RECORD					
MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

Drill Stem Test #10 Tested perforated interval 14025-14060 15PF as per Log

Log run #4 Baker Model "D" packer @ 14000' first 6 hrs of water cushion.
2000 ft water cushion w/ 35 gal of 622 in. Preflow 10 min. Fair air flow after open 6 min

Recorder @ 12719 to 12705 Tool open 6 hrs 7-8.2 4 hrs.
on preflow. 2-8.2 120 min. Tool open 6 hrs for flow. WC out in approx 40 min
Water cushion to surface in 4 min after tool open for flow. WC out in approx 40 min

Flamed acid water & acid gas @ 100 PPS on open manifold (Gas 5%)
Flamed approx 25 lbs of acid water P.H. 4 wt 9.6 PPS.
Well flamed approx 70 lbs of water w/ 5% gas @ 100 PPS getting
weaker after 4 hrs. Water stopped after tool open 5 hrs. Soggy 4 ft flair after

water stopped flowing Water flamed out 9.6 PPS. P.H. 6
Recorder 8820 ft fluid. 120 ft Black thick water plus? (Inhibited).
5300 ft Salt water wt 9.6 PPS P.H. 5.6 Cl 92000 PPM. NAEL 151,000
3400 ft Water wt 8.3 P.H. 11 NAEL 1300 PPM.

2H. 5340 2-8.2 4735

B.R.C. 3/4"

150 lbs of Inhibited water 2% 622 P.H. 12.5-13 were pumped down annulus
when seal assembly was pulled from packer. Fluid loss to formation was slight
when tool was started out of hole.

Fluid In & out of Perforations 14025-14060
2-8.2 #9

OUT

11.5 lbs Water 8.3 PPS P.H. 7.5

IN

10 lbs water 2% 622 P.H. 12.5-13 Feed rate.
10 " " " " " " ahead of acid.
143 lbs of 28% Ncl w/ 15 gal H₂O per 1000 gal acid.
20 lbs of 2% 622 P.H. 12.5-13 overflush acid.
183

Flamed Back 70 lbs Inhibited water

Back wash 30 lbs acid water

Flowed on 2-8.2 #10 25 lbs acid water P.H. 4 wt 9.6
70 " water P.H. 6 wt 9.6

Recorder

43

lbs water P.H. 5.6 wt 9.6 PPS Cl 92,000 PPM NAEL 151,000 PPM
22 lbs water P.H. 11 wt 8.3 NAEL 1300 PPM

TUBING BELOW TOOL > 267 + 11.5 DST #9



IN HOLE — END OF TOUR			BIT RECORD		MORNING TOUR	TIME FROM TO		DRILLED FROM TO		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.		
No.	PIPE SIZE	FEET	RUN NO.	SIZE		FROM	TO	FROM	TO		TIME	WT.	VISC.	W. L. CC.	FLTR. CK.		P. H.	MUD & CHEM. ADDED
	STAND. D.P.			MFG.														
	SNGLS. D.P.			TYPE														
	LNGTH. CLRS.			SER. NO.														
	KELLY IN			DEPTH OUT														
	OTHER			HOURS RUN														
TOTAL																		
DRILL COLLARS																		
No.	DIAMETER	LGTH.																

IN HOLE - END OF TOUR			BIT RECORD			DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.			
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME	WT.	VISC.	W. L. CC.	FLTR. CK.		P. H.	MUD & CHEM. ADDED	TYPE
136	3 1/2 IF	12671.73	SIZE				8:00	8:15	FISH - TOP TO BOTTOM			Big Serv. V BORE						DRILLER	Joe McLean	
2	STAND. D.P.	62.58	MFG				8:15	9:00	2 7/8 EUE PIN UP X			Work pipe past Liner.						DERRICK MAN	Dale Redelback	10
135	SNGLS. D.P.	1269.84	TYPE				9:00	9:30	2 7/8 EUE PIN DOWN			Run in To Top of Stinger.						MOTOR MAN	Heinz Scheller	
	OTHER	1.53	SER. NO.				9:30	10:30	SWEDGE			Circ. & Screw into Stinger.						HELPER	Al. Lindquist	
	KELLY IN		DEPTH OUT				10:30	3:15	MOVIE G. LOCATION			Trip out w/ Stinger (Chain out)						HELPER	George Cuest	
	TOTAL		HOURS RUN				3:15	4:00	SUB 434 KURET			Change Seals.	DEVIATION	DEPTH	DEGREES			HELPER		
DRILL COLLARS			FOOTAGE						SEAL ASSEMBLY			on Stinger.						HELPER		
No.	DIAMETER	LGTH.	REAMER CUTTER No.						TRIMMED SHOE			Single old Slip Mass in Slip area.						HELPER	Orvil Smith	11
			TYPE																	

IN HOLE - END OF TOUR			BIT RECORD			EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.		
NO.	PIPE SIZE	FEET	RUN NO.	SIZE			FROM	TO	FROM	TO		TIME	WT.	VISC.	W. L. CC.	FLTR. CK.		P. H.	MUD & CHEM. ADDED
136	3 1/2" IF	12671.73				4:00	5:00				Run in tubing							DRILLER	Leon Stader
2	STAND. D.P.	62.63				5:00	6:00				Make up test tool							DERRICK MAN	J. White
13	SNGLS. D.P.	1269.84				6:00	7:00		14000		Run in pipe							MOTOR MAN	Grant Ward
	STAND. D.P.					7:00	8:00				Fill with water + inhibitor							HELPER	Igor Sprattin
	KELLY IN					8:00	11:30				Run in							HELPER	Herb Smeltzer
	OTHER	31.53				11:30	12:00				Head up test tool.							HELPER	
DRILL COLLARS												DEVIATION							
NO.	DIAMETER	LGTH.										DEPTH	DEGREES						

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)										SLUSH PUMP RECORD					
Date Redelback worked over to Run Power Tongs @ Pan Am Request.										MORNING TOUR		DAY TOUR		EVENING TOUR	
RAN IN W/ 2 7/8" BACME X 2 7/8" EUE 40 COLLAR + SCREWED INTO FISH IN PACKER										PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
GOT FISH ON FIRST RUN.										ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
										POINTS WT.		POINTS WT.		POINTS WT.	
										LINER SIZE		LINER SIZE		LINER SIZE	

CALGARY
THIS IS THE 320 DAY FROM SPUD DATE

BRINKERHOFF BROTHERS LTD.

EDMONTON

WELL POINTED MTN A-3
LSD. 60° SEC. 30' TWP. 123° RNGE. 45' W/ MER. PROVINCE N.W.T.

COMPANY PAN AM PETE

RIG No. 21
DATE JUNE 8/69
TOOL PUSHER Ray Hooker

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME			DRILLER		
136	STAND. D.P.	12,671.73				12 ⁰⁰				WAIT ON DRILL				JACK DERRICKSON		
2	SNGLS. D.P.	6258				4 ⁰⁰				Daylite To Acidize				ROBERT SNELLING		
13	STAND. D.P.	12,698.4				8 ⁰⁰				Acidizing				Bob Mac GREGOR		
	KELLY IN		SER. No.											GARRY Mac GREGOR		
	STRAIGHT	1.53	DEPTH OUT					P.B.D	14140					VERNON SWARBRICK		
	TOTAL		HOURS RUN					PRCKER	14004	W.L						
DRILL COLLARS			FOOTAGE					PERFS	14025-14060	W.L						
No.	DIAMETER	LGTH.	REAMER CUTTER No.								DEPTH	DEGREES				
			TYPE													

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME			DRILLER		
136	STAND. D.P.	12,671.73				8 ⁰⁰	12 ⁰⁰			Build 2FT Volume in Suction				Joe McLean		
2	SNGLS. D.P.	6258								Tank and Back Wash				Dale Redelback		
13	STAND. D.P.	12,698.4				12 ⁰⁰				Back Wash intervals of				Henry Scheller		
	KELLY IN		SER. No.							Acidizing				Alf. Lindquist		
	STRAIGHT	1.53	DEPTH OUT											George Guest		
	TOTAL		HOURS RUN													
DRILL COLLARS			FOOTAGE													
No.	DIAMETER	LGTH.	REAMER CUTTER No.								DEPTH	DEGREES				
			TYPE													

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME			DRILLER		
	STAND. D.P.					4 ⁰⁰	7 ³⁰			Circulate				Arvid Stenar		
	SNGLS. D.P.					7 ³⁰	12 ⁰⁰			Hoisting				John White		
	LNTH. CLRS.		TYPE											Sam Ward		
	KELLY IN		SER. No.											Tom Spratlin		
	OTHER		DEPTH OUT											Herb. Smeltzer		
	TOTAL		HOURS RUN													
DRILL COLLARS			FOOTAGE													
No.	DIAMETER	LGTH.	REAMER CUTTER No.								DEPTH	DEGREES				
			TYPE													

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

10 BENT JOINTS TO BOREHOLE - BE TIGHTENED
Arvid Smith 2 hrs overtime getting Geo
Shack ready to move. Pump in Aqueduct.
Lester Campbell

SLUSH PUMP RECORD					
MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

Acidized perforated Interval 14025-14060
w/ 6000 gals of 28% HCL w/ 15 gals HRI50 Inhibitor
per 1000 gals of acid.

Established feed rate w/ 10 tbs of water @ 3 BPM @ 5700 PSL one truck

[Used two turbine trucks for acid job]

Displaced acid to within 10 tbs of bottom set into packer, pressure annulus
to 3250 PSL.

Squeeze 10 tbs of water ahead of acid to formation @ 3 BPM @ 7500 PSL

at this point one turbine
Start acid to perforation @ 3 BPM @ 7500 PSL. engine failed and one pump on the other truck washed out.

Brake to 3 BPM @ 6800 PSL and averaged 3 BPM @ 6800 PSL.

Over flush w/ 20 tbs of inhibited water (270-6227)

Instant shut down	5800 PSL
15 min	4400 PSL
30 min	4000 PSL
45 min	3600 PSL
60 min	3400 PSL
120 min	3000 PSL

Will shut in for 120 min.

Will flowed back approx 70 tbs of inhibited displacement water.
Pick up out of packer and backwash. Will flow back acid gas & spent acid
water. Back wash slugs of acid water for 4 hrs. Circulated total of 11 1/2 hrs
Built new volume of 2% inhibited water and stagger pipe & casing w/ 10% solution
of 622

Hoist to run D.S.ZH10

Found Baker seal assembly missing

R Campbell

CALGARY
BRINKERHOFF BROTHERS LTD.
EDMONTON
THIS IS THE 319 DAY FROM SPUD DATE

WELL
POINTED MTN A-3
LSD. 60° SEC. 30' TWP. 123' RNGE. 45' W/ MER. PROVINCE N.W.T.
COMPANY
PAN AM PETE CORP

RIG No. 21
DATE June 7/69
TOOL PUSHER Hay Hooker

IN HOLE - END OF TOUR			BIT RECORD			MORNING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION GENERAL SHOT IN? WAIT ON DAY LIFE TO PULL TEST HOIST #9 D.S.T. Fix Hydrant chain HOIST (39 WET STDs)	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN NO.				FROM	TO	FROM	TO		TIME			DRILLER		
136	3 1/2	12671.73	SIZE				1200	330				WT.			JACK. PERISSON		
2	SNGLS. D.P.	62.58	MFG.				330	430				VISC.			DERRICK MAN ROBERT SNELLING		
13 STDs TURNING		1269.84	TYPE				430	500				W. L. CC.			MOTOR MAN BOB. MACGREGOR.		
	KELLY IN		SER. NO.				500	800				FLTR. CK.			HELPER GARRY MacGREGOR		
STINGER TOOLS		3153	DEPTH OUT									P. H.			HELPER VERNON SWAB BRIK		
TOTAL			HOURS RUN									MUD & CHEM. ADDED			HELPER		
DRILL COLLARS												TYPE			AMOUNT		
No.	DIAMETER	LGTH.	FOOTAGE									DEVIATION					
			REAMER CUTTER No.							DEPTH	DEGREES						
			TYPE														

IN HOLE - END OF TOUR			BIT RECORD			DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.		
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME			WT.				DRILLER
136	STAND. D.P.	12,671.73	SIZE				8 ⁰⁰	8 ¹⁵											Joe McLean
1	SNGLS. D.P.	31.18	MFG.				8 ¹⁵	9 ¹⁵											Derrick Man Dale Pedelback
135	4 1/2 TURN	12,69.84	TYPE				9 ¹⁵	10 ¹⁵											MOTOR MAN Heinz Scheller
	KELLY IN		SER. No.				10 ¹⁵	10 ⁴⁵											HELPER Alf. Lindquist
	STINGER	1.53	DEPTH OUT				10 ⁴⁵	11 ⁴⁵											HELPER George Guest
	TOTAL		HOURS RUN				11 ⁴⁵	4 ⁰⁰											HELPER
DRILL COLLARS																			HELPER
No.	DIAMETER	LGTH.	FOOTAGE																HELPER
			REAMER CUTTER No.													HELPER			
			TYPE													HELPER			

IN HOLE - END OF TOUR			BIT RECORD			EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.			
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME	WT.	VISC.	W. L. CC.	FLTR. CK.		P. H.	DRILLER	
136	STAND. D.P.	12671.73	SIZE				4 ⁰⁰	12 ⁰⁰	14000											Lionel Stader
2	SNGLS. D.P.	62.58	MFG.																	J. White
13	STAND. TURN	1269.84	TYPE																	Grant Ward
	KELLY IN		SER. NO.																	
	STINGER	1.53	DEPTH OUT																	Tom Spettling
	TOTAL		HOURS RUN																	Herb. Smeltzer
DRILL COLLARS																				
No.	DIAMETER	LGTH.	FOOTAGE																	
			REAMER CUTTER No.																	
			TYPE																	
			24 HRS W/O PIPE																	
											DEVIATION		MUD & CHEM. ADDED							
											DEPTH	DEGREES	TYPE	AMOUNT						
													1 BBL	622						
													1 INH. B. TOP							

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)
Orvil Smith - 4 hrs. at Pan Ams Request.

Russell Campbell

SLUSH PUMP RECORD					
MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

CALGARY
THIS IS THE 318 DAY FROM SPUD DATE

BRINKERHOFF BROTHERS LTD.

EDMONTON

WELL POINTED MTN A-3
LSD. 60° SEC. 30' TWP. 123° RNGE. 45° W/ MER. PROVINCE N.W.T.

COMPANY PAN AM PETE

RIG No. 21
DATE JUNE 6, 1969
TOOL PUSHER Tony Burke

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL	HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME				
136	3 1/2 IF	12,671.73				1200	330			BET MODEL O PACKER W/ Schumbeger				DRILLER JACK DEARSON	
	STAND. D.P.					330	430	2000' 622 IN FORM		TEAR OUT SCHUMBEGGER + TEAR OUT				DERRICK MAN ROBERT SNELLING	
	SNGLS. D.P.					430	515	AS RUN IN.		DOUBLE (SLM) RUN IN TUBING				MOTOR MAN BOB MACGREGOR	
	KELLY IN					515	600	DST #9		MAKEUP TESTING TOOLS 5 gals 622				HELPER GARY MACGREGOR	
	TOTAL	2990				600	630			DOUBLE (SLM) RUN IN 2000'				HELPER VERNON SWARBRICK	
	DRILL COLLARS					630	800			2000' WATER CUSHION				HELPER	
	No.	DIAMETER	LGTH.							RUN IN TEST (SLM) 30 gals 622				HELPER	
										5 GALS 622 ON TOP TOOLS				HELPER	
										30 GALS 622 IN FIRST 6 GALS WATER					

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL	HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME				
136	3 1/2 IF	12,671.73				800	1000			SET BAKER MODEL O PACKER @ 1400A AS NIER				DRILLER Joe McLean	
2	SNGLS. D.P.	62.58				1000	1200			SONIC LOG RUN #4 (FLAPPER VALVE REMOVED)				DERRICK MAN Dale Pedelback	
	TUBING CLRS.	1269.84				1200	400			Double Measure in Hole				MOTOR MAN Heinz Scheller	
	KELLY IN									Rig To Test - Press. Flow Line w/ Halliburton				HELPER Alf. Lindquist	
	TOTAL	31.53								To 5000 PSI Check Hydraulic Rams Motor Shutoffs. Kill Line				HELPER George Guest	
	DRILL COLLARS									Testing.				HELPER	
	No.	DIAMETER	LGTH.											HELPER	
														HELPER	
														HELPER	

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL	HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME				
136	3 1/2 IF	12,671.73				400	700			D.S.T #9				DRILLER Leon Stuber	
2	SNGLS. D.P.	62.58				700	1200			Testing				DERRICK MAN Ed. White	
	TUBING CLRS.	1269.84								Tool Shut IN.				MOTOR MAN Grant Ward	
	KELLY IN													HELPER Tom Schratte	
	TOTAL	31.53												HELPER Herb. Smeltzer	
	DRILL COLLARS													HELPER	
	No.	DIAMETER	LGTH.											HELPER	
														HELPER	
														HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

PERFORATED INTERVAL 14,025-14060 W/ 1 SPF 3 3/8
CASING GUN. AS PER SONIC LOG RUN #4
Russell Campbell

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

Drill Stem Test #9
Intest perforated Interval 14025-14060 1 S.P. 7 as per Sonic Log run #4
Baker Model 'D' packer set @ 14004
Recorders @ 12719-12705' ~~35~~ 35 Gals. 622 in first 6 bbls of water
Cushion. Total water cushion 2000 ft ~~above~~ test tools.
Preflow 15 min. ^{no air flow} 2-2 120 MIN Tool open 5 Hrs. 7 S.P. 8 Hrs 20 hrs clock
Stopped after approx 5 1/2 Hrs of 7 S.P. total run approx 20 1/2 Hrs. 72 hrs clocked
stopped after preflow & started to run on way out of hole.

Weak air flow after 110 min remained steady until shut in.
Recovered above shut in tool 2000 ft water cushion tubing capacity 7.5 BBLs
Anal. 500 ft of extra water wt 8.3 PPG P.H. 7.5. Water in tanks ^{inhibited water} 8.3 PPG. 12.5-13
B.H.C. 3/4"

I.H. 5281

I.SI 4771

I.F. 918

F.F. 1502

FSI 4873 ← CLOCK STOPPED

F.H. N/A

STILL BUILDING
SLIGHTLY

CALGARY
BRINKERHOFF BROTHERS LTD.
EDMONTON
THIS IS THE 317 DAY FROM SPUD DATE

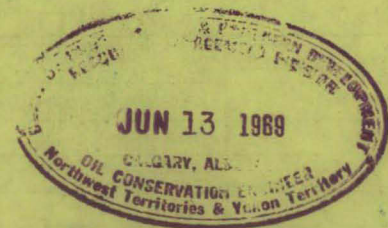
WELL
POINTED MTN A-3
LSD. 60° SEC. 30' TWP. 123' RNGE. 45' W/ MER. PROVINCE N.W.T.
COMPANY
PAN AM PETE

RIG No. 21
DATE JUNE 5/69
TOOL PUSHER
Ray Mack

IN HOLE — END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.			
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME	WT.	VISC.	FLTR. CK.	P. H.		MUD & CHEM. ADDED	TYPE	AMOUNT
133	3 1/2"					12 ⁰⁰	12 ¹⁵			Rig SERV ✓ B.O.P.s									
1	STAND. D.P.					12 ¹⁵	1 ⁰⁰			Circulate									
1	SNGLS. D.P.					1 ⁰⁰	2 ³⁰	PRD	14140	3-5 STD DUMMY TRIPS TO SCRAPE LINER									
5	LNTH. CLRS.	165538				2 ³⁰	7 ⁰⁰			HOIST TO PERFORATE									
5	KELLY IN	40-				7 ⁰⁰	8 ⁰⁰			Rig up SCHUMBERGER TO PERFORATE									
5	OTHER	1424																	
TOTAL			HOURS RUN							DEVIATION									
DRILL COLLARS			FOOTAGE							DEPTH		DEGREES							
No.	DIAMETER	LGTH.	REAMER CUTTER No.																
			TYPE																



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IN HOLE - END OF TOUR			BIT RECORD		MORNING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD		DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME		DRILLER		
	STAND. D.P.										WT.		DERRICK MAN		
	SNGLS. D.P.										VISC.		MOTOR MAN		
	LNGLTH. CLRS.										W. L. CC.		HELPER		
	KELLY IN										FLTR. CK.		HELPER		
	OTHER										P. H.		HELPER		
	TOTAL										MUD & CHEM. ADDED		HELPER		
	DRILL COLLARS										TYPE	AMOUNT	HELPER		
No.	DIAMETER	LGTH.	FOOTAGE								DEPTH	DEGREES			
			REAMER CUTTER No.												
			TYPE												

IN HOLE - END OF TOUR			BIT RECORD		DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD		DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME		DRILLER		
	STAND. D.P.										WT.		Joe McLean Dale Pedelback Heinz Scheller O. Lindquist George Ruest Orval Smith		
	SNGLS. D.P.										VISC.				
	LNGLTH. CLRS.										W. L. CC.				
	KELLY IN										FLTR. CK.				
	OTHER										P. H.				
	TOTAL										MUD & CHEM. ADDED				
	DRILL COLLARS										TYPE	AMOUNT			
No.	DIAMETER	LGTH.	FOOTAGE								DEPTH	DEGREES			
			REAMER CUTTER No.												
			TYPE												

IN HOLE - END OF TOUR			BIT RECORD		EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD		DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME		DRILLER		
	STAND. D.P.										WT.		Lionel Studer L. White Grant Ward Tom Sproth		
	SNGLS. D.P.										VISC.				
	LNGLTH. CLRS.										W. L. CC.				
	KELLY IN										FLTR. CK.				
	OTHER										P. H.				
	TOTAL										MUD & CHEM. ADDED				
	DRILL COLLARS										TYPE	AMOUNT			
No.	DIAMETER	LGTH.	FOOTAGE								DEPTH	DEGREES			
			REAMER CUTTER No.												
			TYPE												

REMARKS (REPAIRS, ACCIDENTS AND, ETC.) 8 HRS w/o PIPE.
Drill Smith Water Pumping
Russell R Campbell

SLUSH PUMP RECORD					
MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

CALGARY			BRINKERHOFF BROTHERS LTD.			EDMONTON			WELL			COMPANY			RIG No.			DATE			
THIS IS THE 313 DAY FROM SPUD DATE									PRINTED MTN A-3			PAN AM. PETE			21			JUNE 1/69			
									LSD. 61° SEC. 30' TWP. 123° RNGE.			45' W/ MER.			PROVINCE N.W.T.			TOOL PUSHER Tony Hooke			
IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION			MUD RECORD			DRLG. CREW PAYROLL			HRS.		
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO				TIME								
137	3 1/2 IF					12:00	12:15			Rig Serv V B.O.P.s						DRILLER JACK. DERRICKSON					
2	SNGLS. D.P.	12834.4	MFG.			12:15	3:00			Trip out w/ M.L.L.						DERRICK MAN ROBERT SNELLING					
	LNGLH. CLRS.		TYPE			3:00	6:00			Too windy to trip						MOTOR MAN BOB. MACGREGOR					
	KELLY IN	1700	SER. No.			6:00	7:00			FINISH TRIP OUT						HELPER GARRY MACGREGOR		12			
	OTHER	2200	DEPTH OUT			7:00				BREAK DOWN MILLING TOOL						HELPER VERNON SWARBRICK					
	TOTAL		HOURS RUN							MAKEUP FISHING TOOLS						HELPER					
DRILL COLLARS													DEVIATION								
No.	DIAMETER	LGTH.	FOOTAGE										DEPTH DEGREES								
			REAMER CUTTER No.																		
			TYPE																		
IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION			MUD RECORD			DRLG. CREW PAYROLL			HRS.		
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO				TIME								
137						8:00	8:15			Rig Serv. V B.O.P.s						DRILLER Joe McLean					
2	SNGLS. D.P.	12,831.44	MFG.			8:15	2:00			Run in w/ overshot (High winds)						DERRICK MAN Dale Redelback					
	LNGLH. CLRS.		TYPE			2:00	2:30			Working overshot over fish.						MOTOR MAN Henry Scheller					
	KELLY IN	14.68	SER. No.			2:30	4:00			Hoisting w/ fish (ha in out)						HELPER W. Lindquist					
	OTHER	24.39	DEPTH OUT													HELPER George Grest		12			
	TOTAL	12,870.51	HOURS RUN													HELPER					
DRILL COLLARS													DEVIATION								
No.	DIAMETER	LGTH.	FOOTAGE										DEPTH DEGREES								
			REAMER CUTTER No.																		
			TYPE																		
IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION			MUD RECORD			DRLG. CREW PAYROLL			HRS.		
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO				TIME								
						4:00	4:15			Rig Service - Check B.O.P.s						DRILLER Ron Stender					
	STAND. D.P.		SIZE			4:15	8:15			Night with fish.						DERRICK MAN Sgt. White					
	SNGLS. D.P.		MFG.			8:15	10:15			Lay down tubing & stinger						MOTOR MAN Dale Redelback		6			
	LNGLH. CLRS.		TYPE			10:15	11:00			Lay down washover pipe.						HELPER Grant Ward					
	KELLY IN		SER. No.			11:00	12:00			Load out fishing tools.						HELPER Dan O'Connor		2			
	OTHER		DEPTH OUT													HELPER					
	TOTAL		HOURS RUN													HELPER					
DRILL COLLARS													DEVIATION								
No.	DIAMETER	LGTH.	FOOTAGE										DEPTH DEGREES								
			REAMER CUTTER No.																		
			TYPE																		
REMARKS (REPAIRS, ACCIDENTS AND, ETC.)										SLUSH PUMP RECORD											
48 singles 2 3/8 come tubing & packer seal assembly retrieved from hole. Dan O'Connor hurt right hand by spinning shaft.										MORNING TOUR			DAY TOUR			EVENING TOUR					
										PUMP PRES.		PSI	PUMP PRES.		PSI	PUMP PRES.		PSI	PUMP PRES.		PSI
										ROT. R.P.M.			ROT. R.P.M.			ROT. R.P.M.			ROT. R.P.M.		
										POINTS WT.			POINTS WT.			POINTS WT.			POINTS WT.		
										LINER SIZE			LINER SIZE			LINER SIZE			LINER SIZE		

JUN 13 1969
CALGARY, ALBERTA
OIL CONSERVATION ENGINEER
Northwest Territories & Yukon Territory

Handwritten notes at top left, including "11" and "1988".

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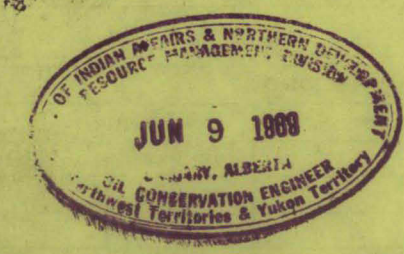
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BRINKERHOFF BROTHERS LTD.

CALGARY

EDMONTON

THIS IS THE 311 DAY FROM SPUD DATE

WELL

LSD.

SEC.

TWP.

RNGE.

W/

MER.

PROVINCE

COMPANY

RIG No.

DATE

Pointed MTN-A3

PAN AM PETE CORP

21

May 30/69

60°

30'

123°

45'

N.W.T

TOOL PUSHER

Hay Hooker

IN HOLE - END OF TOUR			BIT RECORD			TIME FROM TO	DRILLED FROM TO	FORMATION AND EXPLANATION	MUD RECORD		DRLG. CREW PAYROLL	HRS.					
No.	PIPE SIZE	FEET	RUN No.						TIME				WT.	VISC.	W. L. CC.	FLTR. CK.	P. H.
112	3 1/2" F	10 449.63	SIZE			12:00	12:15	Pig SERV. V.B.O.P.s	1232								DRILLER JACK DERKSON
2	STAND. D.P.	6233	MFG.			12:15	1:00	5000									DERRICK MAN ROBERT SNELLING
	SNGLS. D.P.	6233	TYPE			1:00	4:00	Trip out w/ wash pipe									MOTOR MAN Bob MacGREGOR
	LNTH. CLRS.	2600	SER. No.			4:00		Stand back wash pipe									HELPER GARRY MacGREGOR
	KELLY IN	2439	DEPTH OUT				4:45	Make up fishing tools									HELPER VERNON SWANBANK
	OTHER	2439	HOURS RUN			4:45	7:00	Run in w/ over shot									HELPER
	TOTAL	10,561.35	FOOTAGE			7:00	8:00	Hoist w/ fish (chain out)									HELPER
DRILL COLLARS																	
No.	DIAMETER	LGTH.															
MORNING TOUR																	
IN HOLE - END OF TOUR			BIT RECORD			TIME FROM TO	DRILLED FROM TO	FORMATION AND EXPLANATION	MUD RECORD		DRLG. CREW PAYROLL	HRS.					
No.	PIPE SIZE	FEET	RUN No.						TIME				WT.	VISC.	W. L. CC.	FLTR. CK.	P. H.
112	3 1/2" F	10 449.63	SIZE			8:00	8:15	Pig SERV. V.B.O.P.s									DRILLER Joe McLean
2	STAND. D.P.	62.33	MFG.			8:15	11:15	Trip out w/ fish (chain out)									DERRICK MAN Dale Redelback
	SNGLS. D.P.	62.33	TYPE			11:15	12:00	Break down fishing tools									MOTOR MAN Henry Scheller
	LNTH. CLRS.	26.00	SER. No.			12:00	2:15	Layed down fish 74 TTS D.P. (Chain out)									HELPER Alf Lindquist
	KELLY IN	2439	DEPTH OUT			2:15		Measured TTS layed down Roll pipe & back									HELPER George Quest
	OTHER	2439	HOURS RUN				3:30	Clean Cement out of 4 TTS.									HELPER
	TOTAL	10,561.35	FOOTAGE			3:30	4:00	Make up Milling Tools.									HELPER
DRILL COLLARS																	
No.	DIAMETER	LGTH.															
DAY TOUR																	
IN HOLE - END OF TOUR			BIT RECORD			TIME FROM TO	DRILLED FROM TO	FORMATION AND EXPLANATION	MUD RECORD		DRLG. CREW PAYROLL	HRS.					
No.	PIPE SIZE	FEET	RUN No.						TIME				WT.	VISC.	W. L. CC.	FLTR. CK.	P. H.
137	3 1/2" F	12 831.44	SIZE			4:00	4:15	Pig Service - Check B.O.P.s									DRILLER Lionel Stuber
2	STAND. D.P.	12 831.44	MFG.			4:15	7:00	Run in with milling tool.									DERRICK MAN Ed. White
	SNGLS. D.P.	2490	TYPE			7:00	10:15	Pick up 75 singles.									MOTOR MAN Dan O'Connor
	LNTH. CLRS.	13.07	SER. No.			10:15		Milling									HELPER Grant Ward
	KELLY IN	12,863.51	DEPTH OUT														HELPER
	OTHER		HOURS RUN														HELPER
	TOTAL		FOOTAGE														HELPER
DRILL COLLARS																	
No.	DIAMETER	LGTH.															
EVENING TOUR																	
Fish recovered 2302.51'								DEVIATION		222 1 BBL							
								DEPTH									
								DEGREES									
Inhibitor																	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

Orvil Smith + 4 hrs of Syd White's time to be charged to water

Camp 2 x hrs - Boiler flares

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF BROTHERS LTD.

CALGARY

EDMONTON

THIS IS THE

DAY FROM SPUD DATE

WELL

LSD

SEC

TWP.

RNGE.

COMPANY

W

MER.

PROVINCE

RIG No.

DATE

TOOL PUSHER

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL	HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME	WT.	VISC.		
112	3 1/2 IF	10448.63				1200	1315			10,594 Pig SERV. v B.O.P.s Washing over Just to run overshot. Lay down wash one again	100			DRILLER	
2	STAND. D.P.	62.33				1315	300							DERRICK MAN	
	SNGLS. D.P.					300	400							MOTOR MAN	
	LNGTH. CLRS.					400	800							HELPER	
	KELLY IN	3650												HELPER	
	OTHER	4736													
	TOTAL	10,594.82													
DRILL COLLARS			FOOTAGE			REAMER CUTTER No.		TYPE		FORMATION AND EXPLANATION	MUD & CHEM. ADDED			DRLG. CREW PAYROLL	HRS.
No.	DIAMETER	LGTH.									TYPE	AMOUNT			

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL	HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME	WT.	VISC.		
112	3 1/2 IF	10448.63				800	815			Pig SERV. v B.O.P.s. Make up Fishing String Run in w/ overshot. Jar & Work stuck pipe. Trip out lay down overshot. & Jars. Pick up 3 JTS wash over pipe. Slip Line 33 FT.	100			DRILLER	
2	STAND. D.P.	62.33				815	845							DERRICK MAN	
	SNGLS. D.P.					845	1100							MOTOR MAN	
	LNGTH. CLRS.					1100	1215							HELPER	
	KELLY IN	26.				1215	300							HELPER	
	OTHER	24.39													
	TOTAL	10,561.35													
DRILL COLLARS			FOOTAGE			REAMER CUTTER No.		TYPE		FORMATION AND EXPLANATION	MUD & CHEM. ADDED			DRLG. CREW PAYROLL	HRS.
No.	DIAMETER	LGTH.									TYPE	AMOUNT			

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL	HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME	WT.	VISC.		
112	3 1/2 IF	10448.63				400	415			Pig Service v B.O.P.s Run in with wash pipe. Washing over. Circulate.				DRILLER	
2	STAND. D.P.	62.34				415	800							DERRICK MAN	
	SNGLS. D.P.					800	1130	10594	10653					MOTOR MAN	
	LNGTH. CLRS.					1130	1200							HELPER	
	KELLY IN	36.46												HELPER	
	OTHER	105.57													
	TOTAL	10,653.00													
DRILL COLLARS			FOOTAGE			REAMER CUTTER No.		TYPE		FORMATION AND EXPLANATION	MUD & CHEM. ADDED			DRLG. CREW PAYROLL	HRS.
No.	DIAMETER	LGTH.									TYPE	AMOUNT			

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

camp 24 hrs
Boilers 12 hrs
J. Larstons

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

CALGARY

BRINKERHOFF BROTHERS LTD.

EDMONTON

THIS IS THE _____ DAY FROM SPUD DATE

WELL

Red Mtn A-3

LSD.

60

SEC.

30

TWP.

123

RNGE.

45

W/

MER.

PROVINCE

N.W.T.

COMPANY

Pan Am Petroleum Corp

RIG NO.

21

DATE

May 27-69

TOOL PUSHER

Ray Badke

IN HOLE — END OF TOUR			BIT RECORD			MORNING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME			DRILLER		
	STAND. D.P.		SIZE									WT.			DERRICK MAN		
	SNGLS. D.P.		MFG.									VISC.			MOTOR MAN		
	LNGTH. CLRS.		TYPE									W. L. CC.			HELPER		
	KELLY IN		SER. No									FLTR. CK.			HELPER		
	OTHER		DEPTH OUT									P. H.			HELPER		
	TOTAL		HOURS RUN									MUD & CHEM. ADDED			HELPER		
DRILL COLLARS												DEVIATION			HELPER		
No.	DIAMETER	LGTH.	FOOTAGE									DEPTH	DEGREES		HELPER		
			REAMER CUTTER No.										HELPER				
			TYPE										HELPER				

IN HOLE — END OF TOUR			BIT RECORD			DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.		
No.	PIPE SIZE	FEET	RUN NO.				FROM	TO	FROM	TO		TIME							
	STAND. D.P.		SIZE				8 ⁰⁰	9 ¹⁵										DRILLER Joe McLean	
	SNGLS. D.P.		MFG.				9 ¹⁵	4 ⁰⁰										DERRICK MAN Dale Pedelback	
	LNGTH. CLRS.		TYPE															MOTOR MAN Weyn Scheller	
	KELLY IN		SER. No.															HELPER Off. Lindquist	
	OTHER		DEPTH OUT															HELPER George Bwest	
	TOTAL		HOURS RUN															HELPER	
DRILL COLLARS																			
No.	DIAMETER	LGTH.	FOOTAGE																
			REAMER CUTTER No.																
			TYPE																

IN HOLE — END OF TOUR			BIT RECORD			EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.	
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME						
	STAND. D.P.		SIZE				4 ⁰⁰	9 ⁰⁰										DRILLER
	SNGLS. D.P.		MFG.				9 ⁰⁰	12 ⁰⁰										DERBICK MAN
	LNGTH. CLRS.		TYPE															MOTOR MAN
	KELLY IN		SER. No.															
	OTHER		DEPTH OUT															HELPER
	TOTAL		HOURS RUN															
DRILL COLLARS																		
No.	DIAMETER	LGTH.	FOOTAGE															
			REAMER CUTTER No.															
			TYPE															
							</											

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

Boiler & camp started May 27-69 (24 hrs each)

SLUSH PUMP RECORD

MORNING TOUR

PUMP PRES.

PSI

ROT. R.P.M.

POINTS WT.

LINER SIZE

DAY TOUR

PUMP PRES.

PSI

ROT. R.P.M.

POINTS WT.

LINER SIZE

EVENING TOUR

PUMP PRES.

PSI

ROT. R.P.M.

POINTS WT.

LINER SIZE

Flarestacks

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May 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26
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BRINKERHOFF BROTHERS LTD.

EDMONTON

THIS IS THE _____ DAY FROM SPUD DATE

WELL

LSD.

SEC.

TWP.

RNGE.

W/

MER.

PROVINCE

COMPANY

RIG NO.

DATE

TOOL PUSHER

HOLE - END OF TOUR		BIT RECORD			MORNING TOUR	TIME FROM TO	DRILLED FROM TO	FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL	
PIPE SIZE	FEET	RUN No.	SIZE						TIME			DRILLER	
STAND. D.P.		SIZE							WT.			DERRICK MAN	
SNGLS. D.P.		MFG.							VISC.			MOTOR MAN	
LNTH. CLRS		TYPE							W. L. CC.			HELPER	
KELLY IN		SER. No.							FLTR. CK.			HELPER	
OTHER		DEPTH OUT							P. H.			HELPER	
TOTAL		HOURS RUN							MUD & CHEM. ADDED			HELPER	
DRILL COLLARS									TYPE	AMOUNT		HELPER	
DIAMETER	LGTH.											HELPER	
		FOOTAGE										HELPER	
		REAMER CUTTER No.										HELPER	
		TYPE										HELPER	

IN HOLE - END OF TOUR		BIT RECORD			DAY TOUR	TIME FROM TO	DRILLED FROM TO	FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL	
PIPE SIZE	FEET	RUN No.	SIZE						TIME			DRILLER	
STAND. D.P.		SIZE							WT.			DERRICK MAN	
SNGLS. D.P.		MFG.							VISC.			MOTOR MAN	
LNTH. CLRS		TYPE							W. L. CC.			HELPER	
KELLY IN		SER. No.							FLTR. CK.			HELPER	
OTHER		DEPTH OUT							P. H.			HELPER	
TOTAL		HOURS RUN							MUD & CHEM. ADDED			HELPER	
DRILL COLLARS									TYPE	AMOUNT		HELPER	
DIAMETER	LGTH.											HELPER	
		FOOTAGE										HELPER	
		REAMER CUTTER No.										HELPER	
		TYPE										HELPER	

IN HOLE - END OF TOUR		BIT RECORD			EVENING TOUR	TIME FROM TO	DRILLED FROM TO	FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL	
PIPE SIZE	FEET	RUN No.	SIZE						TIME			DRILLER	
STAND. D.P.		SIZE							WT.			DERRICK MAN	
SNGLS. D.P.		MFG.							VISC.			MOTOR MAN	
LNTH. CLRS		TYPE							W. L. CC.			HELPER	
KELLY IN		SER. No.							FLTR. CK.			HELPER	
OTHER		DEPTH OUT							P. H.			HELPER	
TOTAL		HOURS RUN							MUD & CHEM. ADDED			HELPER	
DRILL COLLARS									TYPE	AMOUNT		HELPER	
DIAMETER	LGTH.											HELPER	
		FOOTAGE										HELPER	
		REAMER CUTTER No.										HELPER	
		TYPE										HELPER	

MARKS (REPAIRS, ACCIDENTS AND, ETC.)

Flarstairs

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINE SITE		LINE SITE		LINE SITE	



CALGARY

BRINKERHOFF BROTHERS LTD.

EDMONTON

THIS IS THE _____ DAY FROM SPUD DATE

WELL	POINTED MTN A-3	COMPANY	PAN AM PETE CORP	RIG No.	21	DATE	MAY 17 1961		
LSD.	SEC.	TWP.	RNGE.	W/	MER.	PROVINCE	ALB.	TOOL PUSHER	

IN HOLE - END OF TOUR			BIT RECORD			MORNING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION Shut rig down & drain pumps. Blow lines Travel to Edmonton Boiler used 3 hrs. Motors ran 11 hrs.	MUD RECORD			DRLG. CREW PAYROLL		
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME			DRILLER		
	STAND. D.P.		SIZE									WT.			DERRICK MAN		
	SNGLS. D.P.		MFG.									VISC.			MOTOR MAN		
	LNGTH. CLRS.		TYPE									W. L. CC.			HELPER		
	KELLY IN		SER. No.									FLTR. CK.			HELPER		
	OTHER		DEPTH OUT									P. H.			HELPER		
	TOTAL		HOURS RUN									MUD & CHEM. ADDED			HELPER		
DRILL COLLARS												TYPE	AMOUNT		HELPER		
No.	DIAMETER	LGTH.	FOOTAGE									DEPTH	DEGREES		HELPER		
			REAMER CUTTER No.										HELPER				
			TYPE										HELPER				

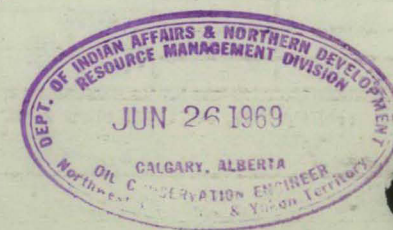
IN HOLE - END OF TOUR			BIT RECORD			DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION Rig on extended standby w/o crew. J. Carstairs.	MUD RECORD			DRLG. CREW PAYROLL		
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME			DRILLER		
	STAND. D.P.		SIZE									WT.			DERRICK MAN		
	SNGLS. D.P.		MFG.									VISC.			MOTOR MAN		
	LNGTH. CLRS.		TYPE									W. L. CC.			HELPER		
	KELLY IN		SER. No.									FLTR. CK.			HELPER		
	OTHER		DEPTH OUT									P. H.			HELPER		
	TOTAL		HOURS RUN									MUD & CHEM. ADDED			HELPER		
DRILL COLLARS												TYPE	AMOUNT		HELPER		
No.	DIAMETER	LGTH.	FOOTAGE									DEPTH	DEGREES		HELPER		
			REAMER CUTTER No.										HELPER				
			TYPE										HELPER				

IN HOLE - END OF TOUR			BIT RECORD			EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME			DRILLER		
	STAND. D.P.		SIZE									WT.			DERRICK MAN		
	SNGLS. D.P.		MFG.									VISC.			MOTOR MAN		
	LNGTH. CLRS.		TYPE									W. L. CC.			HELPER		
	KELLY IN		SER. No.									FLTR. CK.			HELPER		
	OTHER		DEPTH OUT									P. H.			HELPER		
	TOTAL		HOURS RUN									MUD & CHEM. ADDED			HELPER		
DRILL COLLARS												TYPE	AMOUNT		HELPER		
No.	DIAMETER	LGTH.	FOOTAGE									DEPTH	DEGREES		HELPER		
			REAMER CUTTER No.										HELPER				
			TYPE										HELPER				

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD

MORNING TOUR				DAY TOUR				EVENING TOUR			
PUMP PRES.		PSI		PUMP PRES.		PSI		PUMP PRES.		PSI	
ROT. R.P.M.				ROT. R.P.M.				ROT. R.P.M.			
POINTS WT.				POINTS WT.				POINTS WT.			
LINER SIZE				LINER SIZE				LINER SIZE			



CALGARY

BRINKERHOFF BROTHERS LTD.

EDMONTON

THIS IS THE _____ DAY FROM SPUD DATE

LSD.

SEC.

TWP.

RNGE.

W/

MER.

PROVINCE

TOOL PUSHER

RIS NO. 21 DATE May 16/

Pan Am Pet Corp.
NWT.

IN HOLE - END OF TOUR			BIT RECORD			MORNING TOUR	TIME FROM TO		DRILLED FROM TO		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		
NO.	PIPE SIZE	FEET	RUN NO.									TIME			DRILLER		
	STAND. D.P.		SIZE									WT.			DERRICK MAN		
	SNGLS. D.P.		MFG.									VISC.			MOTOR MAN		
	LNGTH. CLRS.		TYPE									W. L. CC.			HELPER		
	KELLY IN		SER. NO.									FLTR. CK.			HELPER		
	OTHER		DEPTH OUT									P. H.			HELPER		
	TOTAL		HOURS RUN									MUD & CHEM. ADDED			HELPER		
DRILL COLLARS			FOOTAGE									TYPE	AMOUNT		HELPER		
NO.	DIAMETER	LGTH.	REAMER CUTTER NO.									DEPTH	DEGREES		HELPER		
			TYPE												HELPER		

IN HOLE - END OF TOUR			BIT RECORD			DAY TOUR	TIME FROM TO		DRILLED FROM TO		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		
NO.	PIPE SIZE	FEET	RUN NO.									TIME			DRILLER		
	STAND. D.P.		SIZE				8:00	1:00				WT.			Joe McLean		
	SNGLS. D.P.		MFG.				1:00	4:00				VISC.			Winston Wood		
	LNGTH. CLRS.		TYPE									W. L. CC.			Heinz Scheller		
	KELLY IN		SER. NO.									FLTR. CK.			HELPER		
	OTHER		DEPTH OUT									P. H.			HELPER		
	TOTAL		HOURS RUN									MUD & CHEM. ADDED			Orvil Smith		
DRILL COLLARS			FOOTAGE									TYPE	AMOUNT		HELPER		
NO.	DIAMETER	LGTH.	REAMER CUTTER NO.									DEPTH	DEGREES		HELPER		
			TYPE												HELPER		

IN HOLE - END OF TOUR			BIT RECORD			EVENING TOUR	TIME FROM TO		DRILLED FROM TO		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		
NO.	PIPE SIZE	FEET	RUN NO.									TIME			DRILLER		
	STAND. D.P.		SIZE				4:00	6:45				WT.			DERRICK MAN		
	SNGLS. D.P.		MFG.				6:45	8:15				VISC.			MOTOR MAN		
	LNGTH. CLRS.		TYPE									W. L. CC.			HELPER		
	KELLY IN		SER. NO.									FLTR. CK.			HELPER		
	OTHER		DEPTH OUT									P. H.			HELPER		
	TOTAL		HOURS RUN									MUD & CHEM. ADDED			HELPER		
DRILL COLLARS			FOOTAGE				8:15	12:00				TYPE	AMOUNT		HELPER		
NO.	DIAMETER	LGTH.	REAMER CUTTER NO.									DEPTH	DEGREES		HELPER		
			TYPE												HELPER		

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

Orvil Smith pumping water & help to inhibit hole 4:00 - 12:00 midnite
@ Pan Am Request.
4 Casters

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	



BRINKERHOFF BROTHERS LTD.

EDMONTON

WELL

COMPANY

RIG No.

DATE

THIS IS THE

DAY FROM SPUD DATE

LSD.

SEC.

TWP.

RNGE.

W.

MER.

PROVINCE

TOOL PUSHER

OLE - END OF TOUR		BIT RECORD			MORNING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL				
FEET	RUN No.	SIZE		FROM		TO	FROM	TO	TIME		WT.	VISC.	W. L. CC.	FLTR. CK.	P. H.	MUD & CHEM. ADDED		
ND. D.P.																		DRILLER
GLS. D.P.																		DERRICK MAN
TH. CLRS.																		MOTOR MAN
LY IN																		HELPER
HER																		HELPER
AL																		HELPER
COLLARS																		HELPER
AMETER	LGTH.																	HELPER

OLE - END OF TOUR		BIT RECORD			DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL				
FEET	RUN No.	SIZE		FROM		TO	FROM	TO	TIME		WT.	VISC.	W. L. CC.	FLTR. CK.	P. H.	MUD & CHEM. ADDED		
ND. D.P.																		DRILLER
GLS. D.P.																		DERRICK MAN
TH. CLRS.																		MOTOR MAN
LY IN																		HELPER
ER																		HELPER
AL																		HELPER
COLLARS																		HELPER
AMETER	LGTH.																	HELPER

OLE - END OF TOUR		BIT RECORD			EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL				
FEET	RUN No.	SIZE		FROM		TO	FROM	TO	TIME		WT.	VISC.	W. L. CC.	FLTR. CK.	P. H.	MUD & CHEM. ADDED		
ND. D.P.																		DRILLER
GLS. D.P.																		DERRICK MAN
TH. CLRS.																		MOTOR MAN
LY IN																		HELPER
HER																		HELPER
AL																		HELPER
COLLARS																		HELPER
AMETER	LGTH.																	HELPER

KS (REPAIRS, ACCIDENTS AND, ETC.)

Attended standby does not provide for watchman

therefor Smith to be charged to Ben Am

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	



OLE - END OF TOUR		BIT RECORD			MORNING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL	
FEET		RUN No.				FROM	TO	FROM	TO		TIME			DRILLER	
ND. D.P.		SIZE									WT.			<i>JACK DEERSON.</i>	
LS. D.P.		MFG.									VISC.			DERRICK MAN <i>DALE KEDERACK.</i>	
TH. CLRS.		TYPE									W. L. CC.			MOTOR MAN <i>BOB Mth GREGOR.</i>	
LY IN		SER. No.									FLTR. CK.			HELPER <i>DAVE Mth GREGOR.</i>	
ER		DEPTH OUT									P. H.			HELPER <i>DAVE ADAMS.</i>	
AL		HOURS RUN									MUD & CHEM. ADDED			HELPER	
COLLARS		FOOTAGE									TYPE	AMOUNT		HELPER	
METER	LGTH.	REAMER CUTTER No.												HELPER <i>ORVILLE SMITH.</i>	
		TYPE													

LOAD OUT SCHLUMBERGER EQUIPMENT FOR RD B-1. CLEAN UP AROUND LOCATION.

Lie on EXTENDED STAND BY UNTIL 3 1/2"

PIPE DRIVE FROM FT. NELSON TO COMPLETE WELL RD A-3.

OLE - END OF TOUR		BIT RECORD			DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL	
FEET		RUN No.				FROM	TO	FROM	TO		TIME			DRILLER	
ND. D.P.		SIZE									WT.			DERRICK MAN	
S. D.P.		MFG.									VISC.			MOTOR MAN	
H. CLRS.		TYPE									W. L. CC.			HELPER	
Y IN		SER. No.									FLTR. CK.			HELPER	
ER		DEPTH OUT									P. H.			HELPER	
AL		HOURS RUN									MUD & CHEM. ADDED			HELPER	
COLLARS		FOOTAGE									TYPE	AMOUNT		HELPER	
METER	LGTH.	REAMER CUTTER No.												HELPER	
		TYPE												HELPER	

OLE - END OF TOUR		BIT RECORD			EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL	
FEET		RUN No.				FROM	TO	FROM	TO		TIME			DRILLER	
D.P.		SIZE									WT.			DERRICK MAN	
D.P.		MFG.									VISC.			MOTOR MAN	
H. CLRS.		TYPE									W. L. CC.			HELPER	
Y IN		SER. No.									FLTR. CK.			HELPER	
ER		DEPTH OUT									P. H.			HELPER	
AL		HOURS RUN									MUD & CHEM. ADDED			HELPER	
COLLARS		FOOTAGE									TYPE	AMOUNT		HELPER	
METER	LGTH.	REAMER CUTTER No.												HELPER	
		TYPE												HELPER	

IS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD					
MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	





FOR THE JOINT TRIMMING
FOR THE JOINT TRIMMING
FOR THE JOINT TRIMMING
FOR THE JOINT TRIMMING
FOR THE JOINT TRIMMING

CHIEF OF THE
MAY 12 1988

CALGARY

BRINKERHOFF BROTHERS LTD.

EDMONTON

THIS IS THE 304 DAY FROM SPUD DATE

WELL

LSD.

SEC.

TWP.

RNGE.

COMPANY

W/

MER.

PROVINCE

RIG No.

DATE

TOOL PUSHER

POINTED MTN-A-3
60 30 123PAN AM PETE
45 N.W.T.21 May 10/69
Lew Thudor

IN HOLE — END OF TOUR			BIT RECORD			MORNING TOUR	TIME FROM TO		DRILLED FROM TO		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.				TIME					WT.			DRILLER		
	STAND. D.P.		SIZE									VISC.			DERRICK MAN		
	SNGLS. D.P.		MFG.									W. L. CC.			MOTOR MAN		
	LNGTH. CLRS.		TYPE									FLTR. CK.			HELPER		
	KELLY IN		SER. No.									P. H.			HELPER		
	OTHER		DEPTH OUT									MUD & CHEM. ADDED			HELPER		
	TOTAL		HOURS RUN									TYPE	AMOUNT		HELPER		
DRILL COLLARS												DEPTH	DEGREES		HELPER		
No.	DIAMETER	LGTH.	FOOTAGE												HELPER		
			REAMER CUTTER No.										HELPER				
			TYPE										HELPER				

IN HOLE — END OF TOUR			BIT RECORD			DAY TOUR	TIME FROM TO		DRILLED FROM TO		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.				TIME					WT.			DRILLER		
	STAND. D.P.		SIZE				8:00					VISC.			DERRICK MAN		
	SNGLS. D.P.		MFG.									W. L. CC.			MOTOR MAN		
	LNGTH. CLRS.		TYPE									FLTR. CK.			HELPER		
	KELLY IN		SER. No.									P. H.			HELPER		
	OTHER		DEPTH OUT									MUD & CHEM. ADDED			HELPER		
	TOTAL		HOURS RUN									TYPE	AMOUNT		HELPER		
DRILL COLLARS												DEPTH	DEGREES		HELPER		
No.	DIAMETER	LGTH.	FOOTAGE												HELPER		
			REAMER CUTTER No.										HELPER				
			TYPE										HELPER				

IN HOLE — END OF TOUR			BIT RECORD			EVENING TOUR	TIME FROM TO		DRILLED FROM TO		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.				TIME					WT.			DRILLER		
	STAND. D.P.		SIZE									VISC.			DERRICK MAN		
	SNGLS. D.P.		MFG.									W. L. CC.			MOTOR MAN		
	LNGTH. CLRS.		TYPE									FLTR. CK.			HELPER		
	KELLY IN		SER. No.									P. H.			HELPER		
	OTHER		DEPTH OUT									MUD & CHEM. ADDED			HELPER		
	TOTAL		HOURS RUN									TYPE	AMOUNT		HELPER		
DRILL COLLARS												DEPTH	DEGREES		HELPER		
No.	DIAMETER	LGTH.	FOOTAGE												HELPER		
			REAMER CUTTER No.										HELPER				
			TYPE										HELPER				

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

WELTING @ PAN AM'S REQUEST

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

IN HOLE — END OF TOUR			BIT RECORD			MORNING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME			DRILLER		
	STAND. D.P.		SIZE									WT.			Joe McLean		
	SNGLS. D.P.		MFG.									VISC.			Ken Longson		
	LNGTH. CLRS.		TYPE									W. L. CC.			Heinz Scheller		
	KELLY IN		SER. No.									FLTR. CK.			A. Lindquist		
	OTHER		DEPTH OUT									P. H.			May Flexhaug		
	TOTAL		HOURS RUN									MUD & CHEM. ADDED					
DRILL COLLARS			FOOTAGE									DEPTH	DEGREES	TYPE	AMOUNT		
No.	DIAMETER	LGTH.	REAMER CUTTER No.														
			TYPE														

IN HOLE — END OF TOUR			BIT RECORD			DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.	
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME			WT.			
	STAND. D.P.		SIZE															JACK DERKSON 14
	SNGLS. D.P.		MFG.															DERRICK MAN DALE REDELBACK 14
	LNGTH. CLRS.		TYPE															MOTOR MAN Bob MacGREGOR 14
	KELLY IN		SER. No.															HELPER GARRY MacGREGOR 14
	OTHER		DEPTH OUT															HELPER DAVE REDELBACK 14
	TOTAL		HOURS RUN															HELPER
DRILL COLLARS			FOOTAGE															
No.	DIAMETER	LGTH.	REAMER CUTTER No.															
			TYPE													HELPER DAVIL Smith 14		

IN HOLE — END OF TOUR			BIT RECORD			EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.	
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME			DRILLER			
	STAND. D.P.		SIZE									WT.						
	SNGLS. D.P.		MFG.									VISC.			DERRICK MAN			
	LNGTH. CLRS.		TYPE									W. L. CC.			MOTOR MAN			
	KELLY IN		SER. No.									FLTR. CK.			HELPER			
	OTHER		DEPTH OUT									P. H.			HELPER			
	TOTAL		HOURS RUN									MUD & CHEM. ADDED			HELPER			
DRILL COLLARS			FOOTAGE									DEVIATION		TYPE	AMOUNT	HELPER		
No.	DIAMETER	LGTH.	REAMER CUTTER No.									DEPTH	DEGREES			HELPER		
			TYPE											HELPER				

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

OVER TIME @ Pan Am Request

SLUSH PUMP RECORD

MORNING TOUR

DAY TOUR

EVENING TOUR

PUMP PRES.

PSI

PUMP PRES.

PSI

PUMP PRES.

PSI

ROT. R.P.M.

ROT. R.P.M.

ROT. R.P.M.

POINTS WT.

POINTS WT.

POINTS WT.

LINER SIZE

LINER SIZE

LINER SIZE

TOOL PUSHER

No. 21	DATE May 8/69
L. PUSHER	
Ken Stuber.	

[illegible][illegible][illegible]

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD					
MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

EDMONTON

LSD.

60⁰ SEC.

SEC.

TWP

RNGE

PROVINCE

MER

PROVINCE

TOOL PUSHER

LINER SIZE

BRINKERHOFF BROTHERS LTD.										WELL		COMPANY		RIG No.		DATE									
CALGARY				EDMONTON				Pointed Mtn A-3		Pan Am Petroleum Corp.		21		May 6/69											
THIS IS THE 301 DAY FROM SPUD DATE										LSD. 60°		SEC. 30		TWP. 123		RNGE. 45		W/ MER. PROVINCE N.W.T.							
IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION				MUD RECORD		DRLG. CREW PAYROLL		HRS.							
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO					TIME											
	STAND. D.P.									Waiton Fishing Tools. Make up Wash over pipe. Jars Bumper Sub & Subs. Running in Hole.				WT.											
	SNGLS. D.P.													VISC.											
	LNGTH. CLRS.													W. L. CC.											
	KELLY IN													FLTR. CK.											
	OTHER													P. H.											
TOTAL			HOURS RUN											MUD & CHEM. ADDED											
DRILL COLLARS			FOOTAGE											TYPE		AMOUNT									
No.	DIAMETER	LGTH.	REAMER CUTTER No.											DEPTH		DEGREES									
			TYPE																						
IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION				MUD RECORD		DRLG. CREW PAYROLL		HRS.							
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO					TIME											
112	3 1/2									R.g SERV V.B.O.P.s Finish in Hole w/ wash pipe Washing over. Trip out w/ wash pipe				WT.											
	STAND. D.P.													VISC.											
	SNGLS. D.P.													W. L. CC.											
	LNGTH. CLRS.													FLTR. CK.											
	KELLY IN													P. H.											
TOTAL			HOURS RUN											MUD & CHEM. ADDED											
DRILL COLLARS			FOOTAGE											TYPE		AMOUNT									
No.	DIAMETER	LGTH.	REAMER CUTTER No.											DEPTH		DEGREES									
			TYPE																						
IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION				MUD RECORD		DRLG. CREW PAYROLL		HRS.							
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO					TIME											
111	3 1/2 IF									Finish Trip out Change shoe Pick up more wash P.R.s Trip in w/ wash pipe Try to wash over Fish made 1 1/2 FT. Trip out w/ wash pipe				WT.											
2														VISC.											
	SNGLS. D.P.													W. L. CC.											
	LNGTH. CLRS.													FLTR. CK.											
	KELLY IN													P. H.											
TOTAL			HOURS RUN											MUD & CHEM. ADDED											
DRILL COLLARS			FOOTAGE											TYPE		AMOUNT									
No.	DIAMETER	LGTH.	REAMER CUTTER No.											DEPTH		DEGREES									
			TYPE																						
REMARKS (REPAIRS, ACCIDENTS AND, ETC.)										SLUSH PUMP RECORD															
WASH OVER SHOE SCRUBBED AND BURNED ON Run # 2 John D Fort										MORNING TOUR				DAY TOUR				EVENING TOUR							
										PUMP PRES.		PSI		PUMP PRES.		PSI		PUMP PRES.		PSI		PUMP PRES.		PSI	
										ROT. R.P.M.				ROT. R.P.M.				ROT. R.P.M.				ROT. R.P.M.			
										POINTS WT.				POINTS WT.				POINTS WT.				POINTS WT.			
										LINER SIZE				LINER SIZE				LINER SIZE				LINER SIZE			

CALGARY

BRINKERHOFF BROTHERS LTD.

EDMONTON

THIS IS THE 300 DAY FROM SPUD DATE

WELL

LSD.

Pointed Mtn A-3

60° 30' 123 45

COMPANY

Pan Am Pet Corp.

W/ MER. PROVINCE NWT

RIG NO.

21

DATE

May 5/69

TOOL PUSHER

New Striker

IN HOLE — END OF TOUR			BIT RECORD			MORNING TOUR	TIME FROM TO		DRILLED FROM TO		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.							
No.	PIPE SIZE	FEET	RUN No.	SIZE								TIME	WT.	VISC.	W. L. CC.	FLTR. CK.		P. H.	MUD & CHEM. ADDED	TYPE	AMOUNT	DRILLER	DERRICK MAN	MOTOR MAN
	STAND. D.P.						12 ⁰⁰	1 ⁰⁰			Circ. Wait on Cement To Run Plug.									Joe McLean				
	SNGLS. D.P.			MFG.			1 ⁰⁰	2 ³⁰			Run Plug. Pull up 100' and Back Wash									Ken Longson				
	LNGTH. CLRS.			TYPE			2 ³⁰	5 ⁴⁵			Layed down 41 STs. pipe & Trip out.									Heinz Scheller				
	KELLY IN			SER. No.			5 ⁴⁵	8 ⁰⁰			MAKE UP B.T. 24 25 S.L.M. In Hole									Alf. Lindquist				
	OTHER			DEPTH OUT							TWIST OFF in Hole 24 Stand. 2 snags.									Ray Flexhaug.				
	TOTAL			HOURS RUN							165 Tnds Tubing.													
DRILL COLLARS																								
No.	DIAMETER	LGTH.																						
											</													

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

Pump & CLEAN ALL mud TANKS FILL WITH WATER.

Orvil Smith Pump Water To Displace Hole 400-1299. 8 hrs.

Pan Am Request
Pumps on Reverse Side.

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

RAN PUL #1 14427-14327 50 SACKS OILWELL 2% H₂O 12.
DISPLACED TO BOTTOM. PULLED UP TO 14327 LOST 9 SACKS.
WATER DOWN ANNULUS. WHILE PULLING OUT. BACK WASHED
RAN BACK INTO 14427 CIRCULATED 3 1/4 hrs.

RAN PUL #2. 14427-14327 50 SACKS OILWELL 2% H₂O 12
DISPLACED DOWN PULLED UP TO ~~14327~~ 14327 BACKWASHED
TO SUMP.

PULLED OUT OF HOLE FOUND 24 STANDS DRILL PIPE
2 SINGLES. & 16 STANDS TUBING MISSING.
TOP OF FISH AT 10 557

CALGARY		BRINKERHOFF BROTHERS LTD.		EDMONTON		WELL		COMPANY		RIG No.		DATE	
THIS IS THE 299 DAY FROM SPUD DATE		Pointed Mtn A-3		Pan Am Petroleum Corp.		21		May 4/69					
		LSD. 60° SEC. 30' TWP. 123		RNGE. 45		W/ MER. PROVINCE N.W.T.		TOOL PUSHER		New Studer.			

IN HOLE — END OF TOUR			BIT RECORD			MORNING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION DST #8 TOOL Open. Trip OUT W/ TEST TOOL. 8550 FT. FLUID.	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME			DRILLER		
	STAND. D.P.		SIZE									WT.			Joe McLean		
	SNGLS. D.P.		MFG.									VISC.			DERRICK MAN		
	LNGTH. CLRS.		TYPE									W. L. CC.			Ken Longson		
	KELLY IN		SER. No.									FLTR. CK.			MOTOR MAN		
	OTHER		DEPTH OUT									P. H.			Heinz Scheller		
	TOTAL		HOURS RUN									MUD & CHEM. ADDED			HELPER		
DRILL COLLARS												TYPE			AMOUNT	HELPER	
No.	DIAMETER	LGTH.	FOOTAGE									DEVIATION					
			REAMER CUTTER No.							DEPTH	DEGREES						
			TYPE												HELPER		

IN HOLE — END OF TOUR			BIT RECORD			DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.	
No.	PIPE SIZE	FEET	RUN NO.				FROM	TO	FROM	TO		TIME						
37	3 1/2		STAND. D.P.	SIZE			8 ⁰⁰	9 ³⁰										DRILLER JACK DERKSON
1			SNGLS. D.P.	MFG.			9 ³⁰	10 ⁰⁰										DERRICK MAN DALE REDELBACK
			LNGTH. CLRS.	TYPE			10 ³⁰	11 ⁰⁰										MOTOR MAN Bob Mac GREGOR
			KELLY IN	SER. No.			11 ⁰⁰	3 ⁰⁰										HELPER GARRY Mac GREGOR
			OTHER	DEPTH OUT			3 ⁰⁰	4 ⁰⁰										HELPER DAVE ADAMS
			TOTAL	HOURS RUN														HELPER
DRILL COLLARS																		
No.	DIAMETER	LGTH.	FOOTAGE															
			REAMER CUTTER No.															
			TYPE															

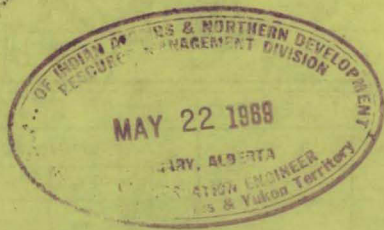
IN HOLE — END OF TOUR			BIT RECORD			EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.			
No.	PIPE SIZE	FEET	RUN NO.				FROM	TO	FROM	TO		TIME	WT.	VISC.	W. L. CC.	FLTR. CK.		P. H.	MUD & CHEM. ADDED	TYPE
	STAND. D.P.		SIZE				4 ⁰⁰	7 ⁰⁰												
	SNGLS. D.P.		MFG.																	
	LNGTH. CLRS.		TYPE																	
	KELLY IN		SER. No.																	
	OTHER		DEPTH OUT				7 ⁰⁰													
	TOTAL		HOURS RUN																	
DRILL COLLARS																				
No.	DIAMETER	LGTH.	FOOTAGE																	
			REAMER CUTTER No.																	
			TYPE			9 ⁴⁵	12 ⁰⁰													

CIR TO RUN Plug.
Pump + CLEAN ALL mud TANKS
RUN WATER TO BUILD VOLUME
Rig up CEMENTING head. Run Plug.
Pull up 100 FT. BACK wash BOT
ALL CEMENT BACK RUN
BACK in TAG PACKER.
CIR WAIT ON CEMENT TO RUN Plug.

R. W. Schiffeling
Syl White
Andy PAPP.
Don BARHURST
CARL Shawlinski

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)						SLUSH PUMP RECORD					
Oil Smith Pump WATER FOR CEMENT PLUGS 4 ⁰⁰ - 12 ⁰⁰ 8 HRS. @ Pan Am Request. DST #8 Results on Reverse Side						MORNING TOUR		DAY TOUR		EVENING TOUR	
						PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
						ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
						POINTS WT.		POINTS WT.		POINTS WT.	
						LINER SIZE		LINER SIZE		LINER SIZE	

DST # 8 Test Perforations 1442-14462 NAWANNI 2000' WC
 20 GALLONS 602 INHIBITOR OPEN 5-60. 29 hrs. AIR WRAH
 AIR BLOW DOWN IMMEDIATELY SOME SLIGHT BUBBLING. LOST 5
 BBLS AND IN ANNULUS. THROUGH OUT TEST. RECOVERED 2000'
 WATER CUSHION 6550' SPENT AND WATER JURY (ASSY).
 IHP 5664 ISIP 2621 IIP 1923 FFP 1923 (STUCK)
 BHT 366°.



BRINKERHOFF BROTHERS LTD.			EDMONTON		WELL <i>POINTED MTN. A-3</i>		COMPANY <i>PAN AM PETE</i>		RIG No. <i>21</i>	DATE <i>May 3/69</i>
CALGARY THIS IS THE <i>298</i> DAY FROM SPUD DATE					LSD. <i>60°</i>	SEC. <i>30'</i>	TWP. <i>123'</i>	RNGE. <i>45'</i>	W/ <i>N.W.T.</i>	TOOL PUSHER

IN HOLE — END OF TOUR			BIT RECORD		MORNING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION <i>D.S.T. #8 Took OPEN.</i>	MUD RECORD			DRLG. CREW PAYROLL		HRS.		
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME	WT.	VISC.	W. L. CC.	FLTR. CK.		P. H.	DRILLER <i>Joe McLean</i>
	STAND. D.P.			MFG.														DERRICK MAN <i>Ken. Longson</i>
	SNGLS. D.P.			TYPE														MOTOR MAN <i>Heinz Scheller</i>
	LNGTH. CLRS.			SER. No.														HELPER <i>Alf. Lindquist</i>
	KELLY IN			DEPTH OUT														HELPER <i>Rag Flexhaug</i>
	OTHER			HOURS RUN														HELPER
	TOTAL			FOOTAGE														HELPER
DRILL COLLARS				REAMER CUTTER No.														
No.	DIAMETER	LGTH.		TYPE														

IN HOLE — END OF TOUR			BIT RECORD		DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION <i>D.S.T. #8 Took OPEN.</i>	MUD RECORD			DRLG. CREW PAYROLL		HRS.		
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME	WT.	VISC.	W. L. CC.	FLTR. CK.		P. H.	DRILLER <i>JACK DERRICKSON</i>
	STAND. D.P.			MFG.														DERRICK MAN <i>DALE REDELBACK</i>
	SNGLS. D.P.			TYPE														MOTOR MAN <i>Bob MacGregor</i>
	LNGTH. CLRS.			SER. No.														HELPER <i>GARRY MacGREGOR</i>
	KELLY IN			DEPTH OUT														HELPER <i>DAVE ADAMS</i>
	OTHER			HOURS RUN														HELPER
	TOTAL			FOOTAGE														HELPER <i>DAVE ADAMS</i>
DRILL COLLARS				REAMER CUTTER No.														
No.	DIAMETER	LGTH.		TYPE														

IN HOLE — END OF TOUR			BIT RECORD		EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION <i>DST #8 Tool OPEN</i>	MUD RECORD			DRLG. CREW PAYROLL		HRS.		
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME	WT.	VISC.	W. L. CC.	FLTR. CK.		P. H.	DRILLER <i>R.W. Schilling</i>
	STAND. D.P.			MFG.														DERRICK MAN <i>Syl White</i>
	SNGLS. D.P.			TYPE														MOTOR MAN <i>Andy PAPP</i>
	LNGTH. CLRS.			SER. No.														HELPER <i>Pon BARHURST</i>
	KELLY IN			DEPTH OUT														HELPER <i>CHARL SHAWLINSKI</i>
	OTHER			HOURS RUN														HELPER
	TOTAL			FOOTAGE														HELPER
DRILL COLLARS				REAMER CUTTER No.														
No.	DIAMETER	LGTH.		TYPE														

<i>John D. Fenton</i>										SLUSH PUMP RECORD								
										MORNING TOUR			DAY TOUR			EVENING TOUR		
										PUMP PRES.	PSI		PUMP PRES.	PSI		PUMP PRES.	PSI	
										ROT. R.P.M.			ROT. R.P.M.			ROT. R.P.M.		
										POINTS WT.			POINTS WT.			POINTS WT.		
										LINER SIZE			LINER SIZE			LINER SIZE		

Handwritten notes in the top left corner, including "MAY 14 1988" and "MAY 14 1988".

Handwritten notes in the middle left corner, including "MAY 14 1988" and "MAY 14 1988".

Handwritten notes in the bottom left corner, including "MAY 14 1988" and "MAY 14 1988".

Handwritten text in the top center, possibly "MAY 14 1988".

Handwritten text in the middle center, possibly "MAY 14 1988".

Handwritten text in the bottom center, possibly "MAY 14 1988".

Handwritten text in the top right, possibly "MAY 14 1988".

Handwritten text in the middle right, possibly "MAY 14 1988".

Handwritten text in the bottom right, possibly "MAY 14 1988".



CALGARY
BRINKERHOFF BROTHERS LTD.
EDMONTON
THIS IS THE 297 DAY FROM SPUD DATE

WELL
POINTED MTN A-3
LSD. 60 SEC. 30 TWP. 123 RNGE. 45
COMPANY
PAW AMERICAN
RIG NO. 21 # DATE May 2 - 69
TOOL PUSHER
New Striker

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION			MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO				TIME					
	STAND. D.P.					12.00				WAIT ON SEALS FOR LOCATOR			WT.			DRILLER		
	SNGLS. D.P.						9.00			TUBING SEAL ASSEMBLY			VISC.			DERRICK MAN		
	LNGLTH. CLRS												W. L. CC.			MOTOR MAN		
	KELLY IN												FLTR. CK.			HELPER		
	OTHER												P. H.			DAVID KRAMPS		
	TOTAL												MUD & CHEM. ADDED			HELPER		
DRILL COLLARS													TYPE	AMOUNT		HELPER		
No.	DIAMETER	LGTH.											DEPTH	DEGREES		HELPER		
																HELPER		
																HELPER		
																HELPER		

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION			MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO				TIME					
	STAND. D.P.					8.00				Wait on Seals for Locator			WT.			DRILLER		
	SNGLS. D.P.						9.30			Tubing Seal Assembly.			VISC.			DERRICK MAN		
	LNGLTH. CLRS					2.30	3.00			Make up Seal Assembly.			W. L. CC.			MOTOR MAN		
	KELLY IN					3.00	4.00			Run in 16 STDs Tubing.			FLTR. CK.			HELPER		
	OTHER												P. H.			AL Lindquist		
	TOTAL												MUD & CHEM. ADDED			HELPER		
DRILL COLLARS													TYPE	AMOUNT		HELPER		
No.	DIAMETER	LGTH.											DEPTH	DEGREES		HELPER		
																HELPER		
																HELPER		
																HELPER		

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION			MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO				TIME					
137	3 1/2					4.00	4.15			Rig SERV V.B.D.P.s			WT.			DRILLER		
	STAND. D.P.					4.15	4.30			MAKE UP TEST TOOL			VISC.			DERRICK MAN		
	SNGLS. D.P.					4.30	5.00			Run in 21 stds			W. L. CC.			MOTOR MAN		
	LNGLTH. CLRS					5.00	5.30			2000' WATER CUSHION			FLTR. CK.			HELPER		
	KELLY IN					5.30	8.30			Run in			P. H.			HELPER		
	OTHER	2530				8.30	9.00			Rig up Test			MUD & CHEM. ADDED			HELPER		
	TOTAL					9.00	9.05			DST # 8.			TYPE	AMOUNT		HELPER		
DRILL COLLARS						9.05	10.05			PAGE FLOW.			DEPTH	DEGREES		HELPER		
No.	DIAMETER	LGTH.								INITIAL SHUT IN 10.05 12.00 FINAL FLOW						HELPER		
																HELPER		
																HELPER		
																HELPER		

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

John D. Hart

SLUSH PUMP RECORD					
MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

PAN AMERICAN PETROLEUM CORPORATION

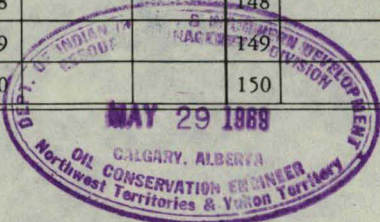
PIPE TALLY AND CEMENTING RECORD

LEASE PAN AM B-1 Pointed Mtn WELL No. B-1 DATE May 1st 1969
 PIPE RUN SIZE 13 3/8 WEIGHT 68# GRADE J-55 TYPE JOINT STQC MAKE U.S.S. NO. FT. 947.37
 PIPE RUN SIZE 13 3/8 WEIGHT 61# GRADE J-55 TYPE JOINT STQC MAKE Japanese NO. FT. 566.88

NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		TALLY OF JOINTS NOT RUN		
	FEET	IN.		FEET	IN.		FEET	IN.		FEET	IN.		NO.	LENGTH OF JOINT			
																FEET	IN.
1	41	68	51			101			151			201					
2	41	16	52			102			152			202			1	30	08
3	42	52	53			103			153			203			2	30	50
4	41	90	54			104			154			204			3	34	00
5	41	60	55			105			155			205			4	22	00
6	41	58	56			106			156			206			5		
7	41	82	57			107			157			207			6		
8	41	82	58			108			158			208			7		
9	40	78	59			109			159			209			8		
10	40	90	60			110			160			210			9		
11	42	10	61			111			161			211			10		
12	41	27	62			112			162			212			11		
13	41	55	63			113			163			213			12		
14	41	46	64			114			164			214			13		
15	40	92	65			115			165			215			14		
16	42	32	66			116			166			216			15		
17	41	70	67			117			167			217			16		
18	41	41	68			118			168			218			17		
19	39	60	69			119			169			219			18		
20	41	10	70			120			170			220			19		
21	41	88	71			121			171			221			20		
22	34	00	72			122			172			222			21		
23	41	95	73			123			173			223			22		
24	33	89	74			124			174			224			23		
25	33	18	75			125			175			225			24		
26	31	35	76			126			176							11	6 58
27	30	68	77			127			177								
28	33	24	78			128			178							NO. JOINTS DELIVERED (42) 1559.68'	
29	31	96	79			129			179							NO. JOINTS RUN 39 1443.10'	
30	25	74	80			130			180							FLOAT, COLLAR+SHOE 2.43'	
31	31	44	81			131			181							TOTAL RUN - OVERALL 1445.53'	
32	31	15	82			132			182							OFF FOR THREADS 11.95'	
33	31	30	83			133			183							TOTAL - THREADS OFF 1433.58'	
34	34	15	84			134			184							TOP PIPE BELOW: 16.60'	
35	28	28	85			135			185							☐ ROTARY DRIVE BUSHING	
36	33	88	86			136			186							☐ DERRICK FLOOR	
37	32	45	87			137			187							DEPTH LANDED K.B 1450.18'	
38	33	85	88			138			188							CEMENT - MAKE OILWELL NEAT	
39	33	82	89			139			189							KIND USED BULK	
40	30	08	90			140			190							NO. SACKS 1400	
41	30	50	91			141			191							METHOD PLUG	
42	41	72	92			142			192							REMARKS: SECOND ATTEMPT (SUCCESSFUL)	
43			93			143			193							Started to mix a pump	
44			94			144			194							down cement got 1000	
45			95			145			195							pumped down when plug	
46			96			146			196							failed to rupture	
47			97			147			197							to cut off casing and	
48			98			148			198							displace cement out of casing	
49			99			149			199								
50			100			150			200								

1559 68

MAY 29 1969



APPROVED

Julshan

PAN AMERICAN REPRESENTATIVE

HOWCO ACIDIZED PERFORATIONS 14462 - 14462 AS FOLLOWS
PUMPED 94 BBLs ~~into~~ 10% AETIC 5 GALLONS PER 1000
GALLONS RODING 82 INTO TUBING. SET SEALS INTO MODEL
"D" PERMAN. PUMPED 2 MORE BBLs TO MAKE UP 4000 GALLONS.
PUMPED 3000 GALLONS HCL 28% WITH 15 GALLONS PER
1000 GALLONS HAI 50. @ 2 BPM 7100'. PUMPED 6000
GALLONS WATER WITH 2" PER 1000 GALLONS FRIO. INITIAL
RATE 2.4 BPM @ 7100 FINAL 4 BPM @ 5000. INSTANTANEOUS
SHUT IN PRESSURE 4000, AFTER 15 MIN 3600' AFTER
45 MIN 2400'. BAC FLOWED BACK 2 1/2 HRS. WELL DIED.
BACK WASHED TO MAKE D.T. RECOVERED 175-200 BBLs
WATER & SPENT ACID.



BRINKERHOFF BROTHERS LTD.
CALGARY EDMONTON
THIS IS THE 295 DAY FROM SPUD DATE

WELL POINTED Mtn. A-3
LSD. 60 SEC. 30 TWP. 123 RNGE. 45 W/ MER. PROVINCE M.W.T.
COMPANY PAN AMERICAN
RIG No. 21 # DATE APRIL 30-69
TOOL PUSHER

IN HOLE - END OF TOUR			BIT RECORD			MORNING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE			FROM	TO	FROM	TO		TIME			DRILLER		
125	3 1/2" I.F.						12.00	12.15							CLIFF BAYLEY	12	
	STAND. D.P.						12.15	4.30				WT.			DERRICK MAN		
	SNGLS. D.P.						4.30	8.00				VISC.			ELMER HOFFMAN		
	LNTH. CLRS.											W. L. CC.			MOTOR MAN		
	KELLY IN											FLTR. CK.			GERALD ROGERS		
	OTHER											P. H.	8.0		HELPER		
	TOTAL	10.96										MUD & CHEM. ADDED			DAVID KRAMPF		
	DRILL COLLARS											TYPE	AMOUNT		HELPER		
No.	DIAMETER	LGTH.	FOOTAGE								DEPTH	DEGREES			MARCEL POLARD		
			REAMER CUTTER No.												HELPER		
			TYPE												HELPER		
															SID WALSH		

IN HOLE - END OF TOUR			BIT RECORD			DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE			FROM	TO	FROM	TO		TIME			DRILLER		
	STAND. D.P.						8.00	9.00							Joe McLean	12	
	SNGLS. D.P.						9.00	9.15				WT.			DERRICK MAN		
	LNTH. CLRS.						9.15					VISC.			KEN LONGSON		
	KELLY IN											W. L. CC.			MOTOR MAN		
	OTHER											FLTR. CK.			HEINZ SCHELLER		
	TOTAL							4.00				P. H.			HELPER		
	DRILL COLLARS											MUD & CHEM. ADDED			ALF LINDQUIST		
No.	DIAMETER	LGTH.	FOOTAGE									TYPE	AMOUNT		HELPER		
			REAMER CUTTER No.								DEPTH	DEGREES			RAY FLEXHAUG		
			TYPE												HELPER		
															HELPER		
															ORVAL SMITH	12	

IN HOLE - END OF TOUR			BIT RECORD			EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE			FROM	TO	FROM	TO		TIME			DRILLER		
137	3 1/2" I.F.						4.00	4.15					10.30	11.30	JACK DERRICKSON	12	
	STAND. D.P.						4.15	5.15				WT.	8.5	8.5	DERRICK MAN		
	SNGLS. D.P.						5.15	5.30				VISC.	33	32	DALE REDELBACK		
	LNTH. CLRS.						5.30	9.00				W. L. CC.			MOTOR MAN		
	KELLY IN						9.00	12.00				FLTR. CK.			BOB MAC GREGOR		
	OTHER											P. H.			HELPER		
	TOTAL											MUD & CHEM. ADDED			GARRY MAC GREGOR		
	DRILL COLLARS											TYPE	AMOUNT		HELPER		
No.	DIAMETER	LGTH.	FOOTAGE									DEPTH	DEGREES		DAVE ADAMS		
			REAMER CUTTER No.												HELPER		
			TYPE												HELPER		

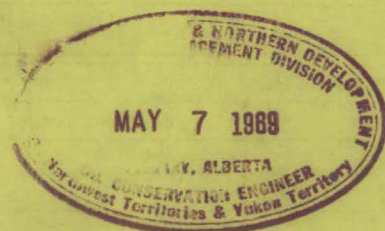
REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

THUMBSCREW RAN WIRELINE JUNK BASKET TO 1440. SET BAKER MODEL
"D" PALMER @ 14427' KB.

John D. Stettin

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	



BRINKERHOFF BROTHERS LTD.										WELL		COMPANY				RIG NO.		DATE					
CALGARY										EDMONTON		POINTED MIN. A-3				PAN AMERICAN							
THIS IS THE 293 DAY FROM SPUD DATE										LSD.		SEC.		TWP.		RNGE.		W/		MER.		PROVINCE	
										60		30		123		45		N.W.T.		21 #		APRIL 29-69	
																				TOOL PUSHER		Kew Sturges	
IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION				MUD RECORD		DRLG. CREW PAYROLL		HRS.					
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO					TIME			DRILLER						
	3 1/2 IF					12:00	8:00			WORKING STUCK PIPE				WT.			CLIFF BAYLEY						
	STAND. D.P.													VISC.			DERRICK MAN						
	SNGLS. D.P.													W. L. CC.			ELMER HOFFMAN						
	LNGTH. CLRS.													FLTR. CK.			MOTOR MAN						
	KELLY IN													P. H.			GERALD ROGERS						
	OTHER													MUD & CHEM. ADDED		HELPER							
	TOTAL													TYPE	AMOUNT	DAVID KRAMPAS							
DRILL COLLARS														DEPTH	DEGREES	HELPER							
No.	DIAMETER	LGTH.	FOOTAGE													HELPER							
																HELPER							
																HELPER							
																Sid Walsh							
IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION				MUD RECORD		DRLG. CREW PAYROLL		HRS.					
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO					TIME			DRILLER						
						8:00	8:15			Rig 500v. v BOPs.				WT.			Joe McLean						
						8:15	4:00			Working Stuck Pipe.				VISC.			Dave Adams						
														W. L. CC.			Heinz Scheller						
														FLTR. CK.			Alf Lindquist						
														P. H.			Ray Flexhaug						
														MUD & CHEM. ADDED		HELPER							
DRILL COLLARS														TYPE	AMOUNT	HELPER							
No.	DIAMETER	LGTH.	FOOTAGE													HELPER							
																HELPER							
																HELPER							
																Orvil Smith	10						
IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION				MUD RECORD		DRLG. CREW PAYROLL		HRS.					
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO					TIME			DRILLER						
						4:00	8:00			WORK STUCK PIPE				WT.			JACK DERRICKSON						
						8:00	12:00			Rig up + RUN SLING SHOT				VISC.			DALE HEDELBACK						
										w/ SCHLUMBERGER.				W. L. CC.			Bob MacGregor						
														FLTR. CK.			GARRY MacGREGOR						
														P. H.			KEN LONGSON						
														MUD & CHEM. ADDED		HELPER							
DRILL COLLARS														TYPE	AMOUNT	HELPER							
No.	DIAMETER	LGTH.	FOOTAGE													HELPER							
																HELPER							
																HELPER							

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

FUEL 4.5" Mc CULLOUGH RIN IN WITH STRING SHOT TO 12726
 ATTEMPTED BACK OFF. PIPE LAME APART ON CHANGE OVER SUB TO TUBING
 @ 12999.

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

CALGARY
BRINKERHOFF BROTHERS LTD.
EDMONTON
THIS IS THE 292 DAY FROM SPUD DATE

WELL
POINTED MTN A-3
LSD. 60 SEC. 30 TWP. 122 RNGE. 45
COMPANY
PAN AMERICAN
W/ MER. PROVINCE
N.W.T.

RIG No. 21#
DATE APRIL 27-69
TOOL PUSHER
Low Striker.

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.			FROM	TO	FROM	TO		TIME					
	3 1/2 IF					12:00	8:00			TESTING (RIG SER. V 60B)	WT.			DRILLER	CLIFF BAILEY	
	STAND. D.P.		SIZE								VISC.			DERRICK MAN	ELMER HOEFMAN	
	SNGLS. D.P.		MFG.								W. L. CC.			MOTOR MAN	GERALD ROGERS	
	LNTH. CLRS.		TYPE								FLTR. CK.			HELPER	DAVID KRAMPS	
	KELLY IN		SER. No.								P. H.			HELPER	MARCEL POLARD	12
	OTHER		DEPTH OUT								MUD & CHEM. ADDED			HELPER		
	TOTAL		HOURS RUN								TYPE	AMOUNT		HELPER	Sid Walsh	
DRILL COLLARS										DEVIATION						
No.	DIAMETER	LGTH.	FOOTAGE							DEPTH	DEGREES					
			REAMER CUTTER No.													
			TYPE													

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.			FROM	TO	FROM	TO		TIME					
						8:00	11:00			DST #7 Final Shut in. Working stuck pipe.	WT.			DRILLER	Joe McLean	
			SIZE			11:00	4:00				VISC.			DERRICK MAN	Dave Adams	
			MFG.								W. L. CC.			MOTOR MAN	Henz Scheller	
			TYPE								FLTR. CK.			HELPER	Al. Lindquist	
			SER. No.								P. H.			HELPER	Ray Flexhaug	12
			DEPTH OUT								MUD & CHEM. ADDED			HELPER	Orvil Smith	10
			HOURS RUN								TYPE	AMOUNT		HELPER		
DRILL COLLARS										DEVIATION						
No.	DIAMETER	LGTH.	FOOTAGE							DEPTH	DEGREES					
			REAMER CUTTER No.													
			TYPE													

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.			FROM	TO	FROM	TO		TIME					
						4:25	10:30			D.S.T. #7 Working stuck pipe Rig up & pressure up w/ Halliburton	WT.			DRILLER	JACK DEARSON	
			SIZE			10:30					VISC.			DERRICK MAN	DALE REDELBACH	
			MFG.								W. L. CC.			MOTOR MAN	Bob. Mac GREGOR	
			TYPE				12:00				FLTR. CK.			HELPER	GARRY Mac GREGOR	
			SER. No.								P. H.			HELPER		
			DEPTH OUT								MUD & CHEM. ADDED			HELPER		
			HOURS RUN								TYPE	AMOUNT		HELPER		
DRILL COLLARS										DEVIATION						
No.	DIAMETER	LGTH.	FOOTAGE							DEPTH	DEGREES					
			REAMER CUTTER No.													
			TYPE													

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

John D. Fenton

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

Test Results on Reverse Side.

DST # 7 TEST PUMPS 14442-14462 NAHANNI. PUMPER @ 14430 BAKER "K"
TEST TOOLS 12843-12866. 2000' WATER CUSHION INSIDE 3 1/2" DRILL PIPE
20 GALLONS 602 INHIBITOR. OPEN 15-60. 11 1/4 hrs - 3 hrs. NO BLOW ON TEST.
NO INITIAL PUMP.
BAKER MODEL "K" PUMPER. CAMER LOOSE. STUCK TEST TOOLS IN TOP OF
LINER. ATTEMPT TO WORK FREE.

CALGARY

BRINKERHOFF BROTHERS LTD.

EDMONTON

THIS IS THE 291 DAY FROM SPUD DATE

WELL

PUNTED MTN.

A-3

COMPANY

PAN AMERICAN

RIG No.

21

DATE

APRIL 24-69

LSD.

SEC.

TWP.

RNGE.

W/

MER.

PROVINCE

60

30

123

45

N.W.T.

TOOL PUSHER

New Striker

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.			FROM	TO	FROM	TO		TIME					
137	STAND. D.P.	12,815.37	SIZE			12.00	12.15			RIG SER. V B.O.P.s				DRILLER	CLIFF BAYLEY	
2	SNGLS. D.P.	62.10	MFG.			12.15	4.00			ACIDIZING				DERRICK MAN	ELMER HOFFMAN	
	LNGTH. CLRS		TYPE			3.00	8.00			TRIP OUT				MOTOR MAN	GERALD ROBERTS	
	KELLY IN		SER. No.											HELPER	DAVID KRAMPS	
16 STDS.	OTHER	1566.79	DEPTH OUT											HELPER	MARCEL POLARD	
	TOTAL		HOURS RUN											HELPER	Sid Walsh	
DRILL COLLARS																
No.	DIAMETER	LGTH.	FOOTAGE								DEVIATION					
											DEPTH	DEGREES				
			REAMER CUTTER No.													
			TYPE													
IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.			FROM	TO	FROM	TO		TIME					
	STAND. D.P.		SIZE			8.00	9.30			Finish Tripout.				DRILLER	Joe McLean	
	SNGLS. D.P.		MFG.			9.30	9.45			Rig Serv. V BOPs.				DERRICK MAN	Dave Adams	
	LNGTH. CLRS		TYPE			9.45	12.30			Tighten all Bolts on BOPs & Wing Valves				MOTOR MAN	Heinz Scheller	
	KELLY IN		SER. No.			12.30	2.00			Strap in 16 Stands. Tubing.				HELPER	Al. Lindquist	
	OTHER		DEPTH OUT			2.00	3.30			Makeup Test Tool Run in 21 Stands				HELPER	Ray. Flexhaug.	16
	TOTAL		HOURS RUN			3.30	4.00			Run 206 lbs. 602 & 2000 ft.				HELPER	Orvil Smith	10
DRILL COLLARS										Water Cushion						
No.	DIAMETER	LGTH.	FOOTAGE								DEVIATION					
											DEPTH	DEGREES				
			REAMER CUTTER No.													
			TYPE													
IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.			FROM	TO	FROM	TO		TIME					
	STAND. D.P.		SIZE			4.00	4.30			Water Cushion 2000'				DRILLER	JACK. DERKSON	
	SNGLS. D.P.		MFG.			4.30	7.00			Run in to Test				DERRICK MAN	DALE REDEIBACK	
	LNGTH. CLRS		TYPE			7.00	7.40			Rig up to Test				MOTOR MAN	Bob MacGREGOR	
	KELLY IN		SER. No.			7.40	7.45			Free Flow				HELPER	GARRY MacGREGOR	
	OTHER		DEPTH OUT			7.45	8.45			Initial shut in				HELPER		
	TOTAL		HOURS RUN			8.45	12.00			On Flow.				HELPER		
DRILL COLLARS																
No.	DIAMETER	LGTH.	FOOTAGE								DEVIATION					
											DEPTH	DEGREES				
			REAMER CUTTER No.													
			TYPE													

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

John D. Fent

SLUSH PUMP RECORD

MORNING TOUR

DAY TOUR

EVENING TOUR

PUMP PRES.

PSI

PUMP PRES.

PSI

ROT. R.P.M.

ROT. R.P.M.

ROT. R.P.M.

POINTS WT.

POINTS WT.

POINTS WT.

LINER SIZE

LINER SIZE

LINER SIZE

Acid Job Results on Reverse Side

HOWCO ACIDIZED PERIS 14442-14462. TESTED LINES TO 9200' WITH WATER.
DISPLACED 94 BBLs 15% AQUEOUS ACID TO WITH 6 GALLONS PER 1000 GALLONS
RODING 82 & 20" PER 1000 GALLONS WG 10 TO BOTTOM. SET STINGER INTO
MIDDLE "K" PRESSURED UP TO 4000' ON TUBING & 3000' ON CASING WITH 20000
ON PACHNA. PUMPED TOTAL 6000 GALLONS 2100 INTO FORMATION @ 540 1 BPM
@ 6600' SHUT DOWN 7 MIN TO CHANGE OVER TO HCL. PRESSURE DROPPED TO
3400', PUMPED 750 GALLONS HCL INTO TUBING WITH 15 GALLONS PER
1000 GALLONS OF HAI 50. PRESSURE AT THIS STAGE 5000' 2 BPM. PRESSURE
ON CASING INCREASED TO 4000 ON CASING. FLANGE ON 3.0 IP'S STARTED
TO LEAK. ATTEMPTED TO PUMP WITH NO PRESSURE ON CASING WERE
ABLE TO CIRCULATE. BACKWASHED ACID TO SUMP. TOTAL ACID IN FORM.
2850 GALLONS.

BRINKERHOFF BROTHERS LTD.
CALGARY EDMONTON
THIS IS THE 290 DAY FROM SPUD DATE

WELL POINTED MTN A-3 COMPANY PAN AMERICAN
LSD. 60 SEC. 30 TWP. 123 RNGE. 45. W. MER. PROVINCE NWT
RIG No. 21 DATE April 25/69
TOOL PUSHER Ken Striker

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME					
	STAND. D.P.					12 ⁰⁰	8 ⁰⁰			CIR & WAIT ON EQUIPMENT & INHIBITOR FOR Acid Job	1 ⁰⁰	6 ³⁰		DRILLER	R.W. Schiffling	
	SNGLS. D.P.										WT.	8.5	8.5	DERRICK MAN	Syl White	
	LNGTH. CLRS.										VISC.	33	33	MOTOR MAN	Andy Papp	
	KELLY IN										W. L. CC.	2/32		HELPER	Don Barhurst	
	OTHER										FLTR. CK.	2/32	2/32	HELPER	Carl Shawlinski	
	TOTAL										P. H.	10.5	10.5	HELPER		
	DRILL COLLARS										MUD & CHEM. ADDED			HELPER		
No.	DIAMETER	LGTH.									DEPTH	DEGREES		HELPER		
														HELPER		
														HELPER		

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME					
137	3 1/2	12,915.37				8 ⁰⁰	8 ¹⁵			RIG SER. ✓ B.O.P.s WAIT ON ACIDIZING EQUIPMENT				DRILLER	CLIFF Bayley	
	STAND. D.P.					8 ¹⁵	4 ⁰⁰				WT.			DERRICK MAN	ELMER HOFFMAN	
	SNGLS. D.P.										VISC.			MOTOR MAN	GERALD ROGERS	
	LNGTH. CLRS.										W. L. CC.			HELPER	DAVID KRAMPS	
	KELLY IN	36.00									FLTR. CK.			HELPER	MARCEL POLARD	
	OTHER	1566.79									P. H.			HELPER		
	TOTAL										MUD & CHEM. ADDED			HELPER	BOB MAC GREGOR	16
No.	DIAMETER	LGTH.									DEPTH	DEGREES		HELPER		
														HELPER		
														HELPER		

IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO		TIME					
	STAND. D.P.					4 ⁰⁰	4 ¹⁵			Rig Serv. ✓ B.O.P.s. Circ. Rig up Halliburton Mix Acid press. Lines. Prepare To Frac				DRILLER	Joe McLean	
	SNGLS. D.P.					4 ¹⁵	12 ⁰⁰				WT.			DERRICK MAN	Dave Adams	
	LNGTH. CLRS.										VISC.			MOTOR MAN	Heinz Scheller	
	KELLY IN										W. L. CC.			HELPER	A. Lindquist	
	OTHER										FLTR. CK.			HELPER	Way Flexhaug	
	TOTAL										P. H.			HELPER		
	DRILL COLLARS										MUD & CHEM. ADDED			HELPER		
No.	DIAMETER	LGTH.									DEPTH	DEGREES		HELPER		
														HELPER		
														HELPER		

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

BOB MAC GREGOR'S OVERTIME @ Pan Am Request - Pumping WATER FOR
Acid Job.

John Stent

SLUSH PUMP RECORD					
MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF BROTHERS LTD.

CALGARY

EDMONTON

THIS IS THE 289 DAY FROM SPUD DATE

WELL

LSD.

SEC

TWP.

RNGE

W/

MER

PROVINCE

COMPANY

RIG NO.

DATE

TOOL PUSHER

IN HOLE — END OF TOUR			BIT RECORD			MORNING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME					
137	STAND. D.P.	12,915.37	SIZE				12.00	12.15			SLIP DRILL LINE TRIP IN HOLE CIRC. & WAIT ON EQUIPMENT	WT.			DRILLER	R. W. SCHILLING	
	SNGLS. D.P.		MFG.				12.15	3.00				VISC.			DERRICK MAN	SYL WHITE	
	LNGTH. CLRS.		TYPE				3.00	8.40				W. L. CC.			MOTOR MAN	ANDY BARNHART PAPP	
	KELLY IN	36.00	SER. No.									FLTR. CK.			HELPER	DICK BARNHART	
	OTHER		DEPTH OUT									P. H.			HELPER	CARL SHAWLUTSKI	
TOTAL			HOURS RUN									MUD & CHEM. ADDED		TYPE	AMOUNT	HELPER	
DRILL COLLARS			FOOTAGE									DEVIATION				HELPER	
No.	DIAMETER	LGTH.										DEPTH	DEGREES			HELPER	
			REAMER CUTTER No.												HELPER		
			TYPE												HELPER		

IN HOLE — END OF TOUR			BIT RECORD			DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME					
	STAND. D.P.		SIZE				8.00	8.15			RIG SER. ✓ B.O.P.s Circ. & wait on Equipment.	WT.	9.5	8.5	DRILLER	CLIFF BAYLEY	
	SNGLS. D.P.		MFG.				8.15	4.00				VISC.	34	34	DERRICK MAN	ELMER HOFFMAN	
	LNGTH. CLRS.		TYPE									W. L. CC.	28	28	MOTOR MAN	GERALD ROGERS	
	KELLY IN		SER. No.									FLTR. CK.	2/32	2/32	HELPER	DAVID KRAMP	
	OTHER		DEPTH OUT									P. H.	10.5	10.5	HELPER	MARGEL PLORD	
TOTAL			HOURS RUN									MUD & CHEM. ADDED		TYPE	AMOUNT	HELPER	
DRILL COLLARS			FOOTAGE									DEVIATION				HELPER	
No.	DIAMETER	LGTH.										DEPTH	DEGREES			HELPER	
			REAMER CUTTER No.												HELPER		
			TYPE												HELPER		

IN HOLE — END OF TOUR			BIT RECORD			EVENING TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME					
	STAND. D.P.		SIZE				4.00	4.15			RIG SERV. ✓ B.O.P.s. Circ. and wait on Equipment and inhibitor	WT.			DRILLER	JOE McLean	
	SNGLS. D.P.		MFG.				4.15	12.00				VISC.			DERRICK MAN	DAVE ADAMS	
	LNGTH. CLRS.		TYPE									W. L. CC.			MOTOR MAN	HEINZ SCHELLER	
	KELLY IN		SER. No.									FLTR. CK.			HELPER	OL. LINDQUIST	
	OTHER		DEPTH OUT									P. H.			HELPER	RAY FLEXHAUG	
TOTAL			HOURS RUN									MUD & CHEM. ADDED		TYPE	AMOUNT	HELPER	
DRILL COLLARS			FOOTAGE									DEVIATION				HELPER	
No.	DIAMETER	LGTH.										DEPTH	DEGREES			HELPER	
			REAMER CUTTER No.												HELPER		
			TYPE												HELPER		

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

EDMONTON

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PROVINCE

DATE _____

DATE April 23/69

TOOL PUSHER

[illegible]

IN HOLE — END OF TOUR			BIT RECORD			DAY TOUR	TIME		DRILLED		FORMATION AND EXPLANATION	MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.				FROM	TO	FROM	TO		TIME			DRILLER		
	3 1/2 IF		SIZE				9.00	9.30							CLIFF BAYLEY		
	STAND. D.P.		MFG.				9.30	9.45							DERRICKMAN	ELMER HOFFMAN	
	SNGLS. D.P.		TYPE				9.45	9.00							MOTOR MAN	GERALD ROGERS	
	LNTH. CLRS.		SER. No.				9.00	3.15							HELPER	DAVID KRAMPS	
	KELLY IN		DEPTH OUT				3.15	4.00							HELPER	MARCEL POLARD	
	OTHER		HOURS RUN												HELPER		
	TOTAL		FOOTAGE												HELPER		
DRILL COLLARS															HELPER		
No.	DIAMETER	LGTH.	REAMER CUTTER No.										HELPER				
			TYPE										HELPER				
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MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

DST # 6 PERFORATIONS 14442-14462 NAHANNI PAKKAT 14430

TEST EQUIPMENT @ 12866. ~~Over~~ 2000' WATER CUSHION INSIDE

3 1/2" DALL PIPE. 20 GALLON 602 INHIBITOR. SPAN 10-60. 4 HRS - 60 MIN

NO BLOW OR AIR BUBBLES ON TEST. RECOVERED 2000 WL @ 90' MD

IHP 5517 ISI 2602 IF 926 FF 926 F SI 1945 FH 5576.

1967
April 25/67

1967
April 25/67

1967
April 25/67

1. Mr. Schilling
2. Mr. [unclear]
3. Mr. [unclear]
4. Mr. [unclear]
5. Mr. [unclear]

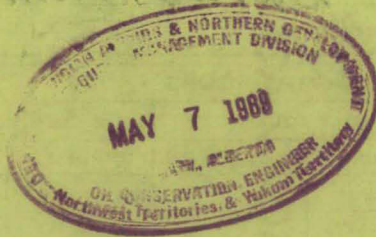
1. Mr. Schilling
2. Mr. [unclear]
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1. Mr. Schilling
2. Mr. [unclear]
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1. Mr. Schilling
2. Mr. [unclear]
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5. Mr. [unclear]

1. Mr. Schilling
2. Mr. [unclear]
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4. Mr. [unclear]
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1. Mr. Schilling
2. Mr. [unclear]
3. Mr. [unclear]
4. Mr. [unclear]
5. Mr. [unclear]



1. Mr. Schilling
2. Mr. [unclear]
3. Mr. [unclear]
4. Mr. [unclear]
5. Mr. [unclear]

BRINKERHOFF BROTHERS LTD.										WELL		COMPANY		RIG No.		DATE											
CALGARY					EDMONTON					PTO MTH A.3		Pain Am															
THIS IS THE 285 DAY FROM SPUD DATE										LSD. 60		SEC. 30		TWP. 123		RNGE. 45		W/ MER. PROVINCE NWT									
IN HOLE - END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION				MUD RECORD		DRLG. CREW PAYROLL		HRS.									
No.	PIPE SIZE	FEET	RUN No.	SIZE	MFG.	TYPE	SER. No.	DEPTH OUT	HOURS RUN	FROM	TO					TIME	WT.	VISC.	W. L. CC.	FLTR. CK.	P. H.	MUD & CHEM. ADDED		DRILLER			
	STAND. D.P.																										
	SNGLS. D.P.																										
	LNGTH. CLRS.																										
	KELLY IN																										
	OTHER																										
	TOTAL																										
DRILL COLLARS																											
No.	DIAMETER	LGTH.	FOOTAGE	REAMER CUTTER No.	TYPE											DEPTH	DEGREES	TYPE	AMOUNT								



Joe McLean
Geologist
Hillier
Hillier
Hillier

James Brown
David Brown
George Brown
James Brown
James Brown

James Brown
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James Brown
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BRINKERHOFF BROTHERS LTD.										WELL <i>Pointed Mt A-3</i>		COMPANY <i>Can American</i>		RIG No. <i>21</i>	DATE <i>April 12/69</i>
CALGARY		EDMONTON		THIS IS THE <i>293</i> DAY FROM SPUD DATE		LSD. <i>10</i> SEC. <i>30</i> TWP. <i>123</i> RNGE. <i>45</i> W/ MER. PROVINCE <i>N.W.T.</i>		TOOL PUSHER							

IN HOLE — END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION			MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO				TIME					
STAND. D.P.			MFG.							<i>Rig Set 1 S.D.P.s</i> <i>Finish Trip Out</i> <i>Rig to Run Liner</i> <i>Pick up & Make up Liner</i> <i>(44 jo. 5" casing)</i>			WT.			DRILLER <i>JACK DORNSON</i>		
SNGLS. D.P.			TYPE										VISC.			DERRICK MAN <i>Dale Redelback</i>		
LNGTH. CLRS.			SER. No.										W. L. CC.			MOTOR MAN <i>Bob MacGregor</i>		
KELLY IN			DEPTH OUT										FLTR. CK.			HELPER <i>John Connolly</i>		
OTHER			HOURS RUN										P. H.			HELPER <i>Barry MacGregor</i>		
TOTAL													MUD & CHEM. ADDED			HELPER <i>Sid Walsh</i>		
DRILL COLLARS			FOOTAGE										TYPE			AMOUNT		
No.	DIAMETER	LGTH.	REAMER CUTTER No.										DEPTH			DEGREES		
			TYPE															

IN HOLE — END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION			MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO				TIME					
STAND. D.P.			MFG.							<i>Make up & Run Packer & Liner Hanger</i> <i>Take Down Power Tonges - Hang Rig Tonges</i> <i>Run in w/ Liner - SLM.</i> <i>Circ.</i> <i>Rig up Cementing Head</i> <i>Mix Cement & Pumping Down Pkg</i>			WT.			DRILLER <i>R.W. Schilling</i>		
SNGLS. D.P.			TYPE										VISC.			DERRICK MAN <i>Syl White</i>		
LNGTH. CLRS.			SER. No.										W. L. CC.			MOTOR MAN <i>Andy Papp</i>		
KELLY IN			DEPTH OUT										FLTR. CK.			HELPER <i>Don Bernhurst</i>		
OTHER			HOURS RUN										P. H.			HELPER <i>Carl Shawlinski</i>		
TOTAL													MUD & CHEM. ADDED			HELPER		
DRILL COLLARS			FOOTAGE										TYPE			AMOUNT		
No.	DIAMETER	LGTH.	REAMER CUTTER No.										DEPTH			DEGREES		
			TYPE															

IN HOLE — END OF TOUR			BIT RECORD			TIME		DRILLED		FORMATION AND EXPLANATION			MUD RECORD			DRLG. CREW PAYROLL		HRS.
No.	PIPE SIZE	FEET	RUN No.	SIZE		FROM	TO	FROM	TO				TIME					
STAND. D.P.			MFG.							<i>Finish Cementing.</i> <i>Back Wash.</i> <i>Trip Out Tubing Hanger @ 12999.60' K.B.</i> <i>Rig to Run String of Packer @ 12993.75' K.B.</i> <i>Backwashed 12 bbls cement</i> <i>slurry to surface.</i> <i>Make up casing scraper, B.T. & Subs.</i>			WT.			DRILLER <i>Cliff Bayley</i>		
SNGLS. D.P.			TYPE										VISC.			DERRICK MAN <i>Elmer Hoffman</i>		
LNGTH. CLRS.			SER. No.										W. L. CC.			MOTOR MAN <i>Gerald Rogers</i>		
KELLY IN			DEPTH OUT										FLTR. CK.			HELPER <i>David Kramars</i>		
OTHER			HOURS RUN										P. H.			HELPER <i>Marcel Polard</i>		
TOTAL													MUD & CHEM. ADDED			HELPER		
DRILL COLLARS			FOOTAGE										TYPE			AMOUNT		
No.	DIAMETER	LGTH.	REAMER CUTTER No.										DEPTH			DEGREES		
			TYPE															

REMARKS. (REPAIRS, ACCIDENTS AND, ETC.)

*Run 44 ft 1053.27' rig 3 17.93' Fd. 2-STEP Hybrid casing on 3 1/2" 15" D.P. string 5" liner in 7" casing on Brown Oil Tool Ball-Wireline liner hanger & cemented w/ 200 say Oilwell w/ 20% Silica Flour & 2% HR-12 retarder added. Plug dump w/ 117 bbls & bumped w/ 1200 psi by Hervo @ 4:15 PM. Set 1 1/2" C packer w/ 30000**

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

RIG No.	DATE
21	April 19/69
TOOL PUSHER	

[illegible]

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	1600 PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	