№ 913

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease
Well Name
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Date MAR 31 1968

Weather Condition | Road Conditions | Nearest Town | Water - Source ____ Miles Hauled ____ Pumped ____ | Camp Distance from Rig ____ Reason for Extra L. Plant

OPERATOR

Rig No.	Drill Pipe String No.	Drill Pipe String Size	Tool Joint Type Thd.	Tool Joint O.D.
DWKS				

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Clark

PUMPS			
No.	MANUFACTURER	TYPE	STROKE LENGTH
1.			
2.			
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals			

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No.
No. of Lines Size
Feet Slipped
Feet Cut Off
Present Length
Ton Mi. or Trips Since Last Cut
Cumulative Ton Mi. or Trips
No. of Days From Spud
Cumulative Rotating Hrs.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
	Stands D.P.	Ft.	Bit No.		Time	
	Singles D.P.	Ft.	Size		Weight	
	D.C. I.D. O.D.	Ft.	Mfg.		Visc.-Sec.	
			Type		W.L.-C.C.	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.	
	Stb. Body O.D.	Ft.	Ser. No.		PH	
	Stb. Body O.D.	Ft.	Depth Out		SD. Cont. %	
	Rmr. Body O.D.	Ft.	Depth In		Pressure Gradient	
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added: Type / Amt. / Type / Amt.	
	Bit or C.B.	Ft.	Total Hr. Run			
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR			
Pipe on Racks		Jts.				
Total Pipe on Lease		Jts.			Driller	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
								TRAVEL TIME TO EDMONTON.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
	Stands D.P.	Ft.	Bit No.		Time	
	Singles D.P.	Ft.	Size		Weight	
	D.C. I.D. O.D.	Ft.	Mfg.		Visc.-Sec.	
			Type		W.L.-C.C.	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.	
	Stb. Body O.D.	Ft.	Ser. No.		PH	
	Stb. Body O.D.	Ft.	Depth Out		SD. Cont. %	
	Rmr. Body O.D.	Ft.	Depth In		Pressure Gradient	
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added: Type / Amt. / Type / Amt.	
	Bit or C.B.	Ft.	Total Hr. Run			
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR			
Pipe on Racks		Jts.				
Total Pipe on Lease		Jts.			Driller	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
								TRAVEL TIME TO EDMONTON.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
	Stands D.P.	Ft.	Bit No.		Time	
	Singles D.P.	Ft.	Size		Weight	
	D.C. I.D. O.D.	Ft.	Mfg.		Visc.-Sec.	
			Type		W.L.-C.C.	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.	
	Stb. Body O.D.	Ft.	Ser. No.		PH	
	Stb. Body O.D.	Ft.	Depth Out		SD. Cont. %	
	Rmr. Body O.D.	Ft.	Depth In		Pressure Gradient	
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added: Type / Amt. / Type / Amt.	
	Bit or C.B.	Ft.	Total Hr. Run			
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR			
Pipe on Racks		Jts.				
Total Pipe on Lease		Jts.			Driller	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
								TRAVEL TIME TO EDMONTON.

APR 2 1968

№ 912

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease
Well Name
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Date: MAR 30 1968

Weather Condition | Road Conditions | Nearest Town | Water - Source ____ Miles Hauled ____ Pumped ____ | Camp Distance from Rig ____ Reason for Extra L. Plant

OPERATOR

Rig No.	Drill Pipe String No.	Drill Pipe String Size	Tool Joint Type Thd.	Tool Joint O.D.
DWKS				

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.B. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.			
2.			
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks

MORNING TOUR

TIME DISTRIBUTION—HOURS	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals			

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	Stands D.P.	Ft.
	Singles D.P.	Ft.
	D.C. I.D. O.D.	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	Ft.
	Total	Ft.
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD		
Bit No.		
Size		
Mfg.		
Type		
Nozzle	No.	
	Size	
Ser. No.		
Depth Out		
Depth In		
Total Ftg.		
Total Hr. Run		
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			
Mud & Chemicals Added			
Type	Amt.	Type	Amt.
Driller			

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
								TRAVEL TIME FROM LEASE

DAY TOUR

TIME SUMMARY (Office Use Only)
Day Work
Hrs. W/DP
Hrs. WO/DP
Hrs. Standby
Total Day Work

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	Stands D.P.	Ft.
	Singles D.P.	Ft.
	D.C. I.D. O.D.	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	Ft.
	Total	Ft.
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD		
Bit No.		
Size		
Mfg.		
Type		
Nozzle	No.	
	Size	
Ser. No.		
Depth Out		
Depth In		
Total Ftg.		
Total Hr. Run		
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			
Mud & Chemicals Added			
Type	Amt.	Type	Amt.
Driller			

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
								TRAVEL TIME FROM LEASE

EVENING TOUR

WIRE LINE RECORD	
Reel No.	
No. of Lines	Size
Feet Slipped	
Feet Cut Off	
Present Length	
Ton Mi. or Trips Since Last Cut	
Cumulative Ton Mi. or Trips	
No. of Days From Spud	
Cumulative Rotating Hrs.	

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	Stands D.P.	Ft.
	Singles D.P.	Ft.
	D.C. I.D. O.D.	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	Ft.
	Total	Ft.
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD		
Bit No.		
Size		
Mfg.		
Type		
Nozzle	No.	
	Size	
Ser. No.		
Depth Out		
Depth In		
Total Ftg.		
Total Hr. Run		
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			
Mud & Chemicals Added			
Type	Amt.	Type	Amt.
Driller			

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
								TRAVEL TIME FROM LEASE

№ 911

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease
Well Name
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Date: March 29 1968

Weather Condition | Road Conditions | Nearest Town | Water - Source | Miles Hauled | Pumped | Camp Distance from Rig | Reason for Idle L. Plant

OPERATOR

Rig No.	Drill Pipe String No.	Drill Pipe String Size	Tool Joint Type Thd.	Tool Joint O.D.
DWKS				

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Clark

PUMPS No.	MANUFACTURER	TYPE	STROKE LENGTH
1.			
2.			
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals			

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No.
No. of Lines ____ Size
Feet Slipped
Feet Cut Off
Present Length
Ton Mi. or Trips Since Last Cut
Cumulative Ton Mi. or Trips
No. of Days From Spud
Cumulative Rotating Hrs.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
	Stands D.P.	Ft.	Bit No.		Time	
	Singles D.P.	Ft.	Size		Weight	
	D.C. I.D. O.D.	Ft.	Mfg.		Visc.-Sec.	
			Type		W.L.-C.C.	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.	
					PH	
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %	
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	Ft.	Depth In			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added: Type / Amt. / Type / Amt.	
	Bit or C.B.	Ft.	Total Hr. Run			
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR			
Pipe on Racks		Jts.				
Total Pipe on Lease		Jts.			Driller	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
	Stands D.P.	Ft.	Bit No.		Time	
	Singles D.P.	Ft.	Size		Weight	
	D.C. I.D. O.D.	Ft.	Mfg.		Visc.-Sec.	
			Type		W.L.-C.C.	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.	
					PH	
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %	
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	Ft.	Depth In			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added: Type / Amt. / Type / Amt.	
	Bit or C.B.	Ft.	Total Hr. Run			
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR			
Pipe on Racks		Jts.				
Total Pipe on Lease		Jts.			Driller	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:00	8						UNLOAD RIG AT HIGH LEVEL YARD

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
	Stands D.P.	Ft.	Bit No.		Time	
	Singles D.P.	Ft.	Size		Weight	
	D.C. I.D. O.D.	Ft.	Mfg.		Visc.-Sec.	
			Type		W.L.-C.C.	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.	
					PH	
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %	
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	Ft.	Depth In			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added: Type / Amt. / Type / Amt.	
	Bit or C.B.	Ft.	Total Hr. Run			
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR			
Pipe on Racks		Jts.				
Total Pipe on Lease		Jts.			Driller	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

№ 910

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease: PLACID CHEV. N.E. TATHLINA
Well Name: D-50-60-30-117 ∞
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Date: MAR. 28 1969

Weather Condition: MILD | Road Conditions: MUDDY | Nearest Town: HAY RIVER | Water - Source: CREEK | Miles Hauled: 3 | Pumped: ____ | Camp Distance from Rig: 200 | Reason for Extra L. Plant: STANDBY

OPERATOR: PLACID OIL Co.

Rig No.: 4 | DWKS: T-12 | Drill Pipe String: No. ____ Size 4½ | Tool Joint O.D.: 5¾ | Type Thd.: F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: J. Florence

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Clark

PUMPS			
No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C-150-B	12"
2.	C. DENVER	FC-FXO	10"
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	8 5/8		24# J55	5	144			

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement	6¼		
Drill Stem Test			
Other	17¾		
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8		

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No.
No. of Lines ____ Size
Feet Slipped
Feet Cut Off
Present Length
Ton Mi. or Trips Since Last Cut
Cumulative Ton Mi. or Trips
No. of Days From Spud
Cumulative Rotating Hrs.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			
	Stands D.P.	Ft.	Bit No.		Time			
	Singles D.P.	Ft.	Size		Weight			
	D.C. I.D. O.D.	Ft.	Mfg.		Visc.-Sec.			
			Type		W.L.-C.C.			
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.			
	Stb. Body O.D.	Ft.	Ser. No.		PH			
	Stb. Body O.D.	Ft.	Depth Out		SD. Cont. %			
	Rmr. Body O.D.	Ft.	Depth In		Pressure Gradient			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run		Type	Amt.	Type	Amt.
	Kelly Down	Ft.	Cond. of Bit					
	Total	Ft.	Reamer No.					
Wt. of String		Lbs.	Reamer Type					
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR					
Pipe on Racks		Jts.						
Total Pipe on Lease		Jts.			Driller: Jack Wenger			

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2650	T.D.												

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	1 30	1 1/4						LAY DOWN DRILL PIPE
1 30	1 45	1/4						RUN IN 3 STDS FOR PLUG #2
1 45	1 45	1/4						RUN PLUG # 2
1 45	8 00	6 1/4						W.O.C. LAY DOWN B.O.P.S
								RAN PLUG #2 FROM 94-194 WITH 72 SKS. CEMENT PLUS 4% CaCl2.
								PLUG DOWN @ 1 45 AM. MARCH 28/68

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			
	Stands D.P.	Ft.	Bit No.		Time			
	Singles D.P.	Ft.	Size		Weight			
	D.C. I.D. O.D.	Ft.	Mfg.		Visc.-Sec.			
			Type		W.L.-C.C.			
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.			
	Stb. Body O.D.	Ft.	Ser. No.		PH			
	Stb. Body O.D.	Ft.	Depth Out		SD. Cont. %			
	Rmr. Body O.D.	Ft.	Depth In		Pressure Gradient			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run		Type	Amt.	Type	Amt.
	Kelly Down	Ft.	Cond. of Bit					
	Total	Ft.	Reamer No.					
Wt. of String		Lbs.	Reamer Type					
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR					
Pipe on Racks		Jts.						
Total Pipe on Lease		Jts.			Driller			

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	9.30	1 1/2						W O C
9.30	9.45	1/4						RUN IN FEEL PLUG # 2
9.45	10.00	1/4						LAY DOWN PIPE
10.00	12.00	2						LAY DOWN BOPS CUT OFF CASING WELD
								CAP ON CASING
12.00	4.00	4						TEAR OUT LOAD OUT RIG
								CHECKED TOP OF PLUG #2 @ 85'
								RIG RELEASED @ 12 00 NOON MARCH 28/68
								Frank Cyr Foreman

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			
	Stands D.P.	Ft.	Bit No.		Time			
	Singles D.P.	Ft.	Size		Weight			
	D.C. I.D. O.D.	Ft.	Mfg.		Visc.-Sec.			
			Type		W.L.-C.C.			
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.			
	Stb. Body O.D.	Ft.	Ser. No.		PH			
	Stb. Body O.D.	Ft.	Depth Out		SD. Cont. %			
	Rmr. Body O.D.	Ft.	Depth In		Pressure Gradient			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run		Type	Amt.	Type	Amt.
	Kelly Down	Ft.	Cond. of Bit					
	Total	Ft.	Reamer No.					
Wt. of String		Lbs.	Reamer Type					
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR					
Pipe on Racks		Jts.						
Total Pipe on Lease		Jts.			Driller			

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	4.00							Rig Out

№ 909

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease: PLACID CHEV. N.E-TATHLINA
Well Name: D-50-60-50-117-00
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.
Date: MAR. 27, 1968

Weather Condition: MILD | Road Conditions: MUDDY | Nearest Town: HAY RIVER | Water - Source: CREEK | Miles Hauled: 3 | Pumped: ____ | Camp Distance from Rig: 200' | Reason for Extra L. Plant: STANDBY

OPERATOR: PLACID OIL CO.

Rig No.: 4 | DWKS: T-12 | Drill Pipe String: No. ____ Size 4½ | Tool Joint: 5¾ O.D. | Type Thd.: F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: J. Rosscuk

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Malak

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C-150-B	12"
2.	C. DENVER	FO-FXO	10"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
8 5/8		24# J55	5	144	1238		

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating	8		
Trips		1	1¾
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			¼
Coring			
Wire Line Logging		5	2½
Running Casing & Cementing			½
Waiting on Cement			
Drill Stem Test			
Other		2	3
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	7

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No.
No. of Lines ____ Size
Feet Slipped
Feet Cut Off
Present Length
Ton Mi. or Trips Since Last Cut
Cumulative Ton Mi. or Trips
No. of Days From Spud
Cumulative Rotating Hrs.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
42	Stands D.P.	2618.42	Ft.
—	Singles D.P.		Ft.
	D.C. I.D. O.D.		Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
1	Bit or C.B. 3-4B	2.95	Ft.
	Kelly Down	28.95	Ft.
	Total	2650	Ft.
Wt. of String	42,000		Lbs.
Pipe in Hole	84		Jts.
Pipe on Racks	27		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD: Bit No. / Size / Mfg. / Type / Nozzle No. / Nozzle Size / Ser. No. / Depth Out / Depth In / Total Ftg. / Total Hr. Run / Cond. of Bit / Reamer No. / Reamer Type

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time	2 PM	4 PM	6 30 PM
Weight	8.6		8.9
Visc.-Sec.	75	220	200
W.L.-C.C.	12.	12.	✓
FL TR. CK.	2/32	2/32	✓
PH	9.	10.	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	1200#		
CAUSTIC	100#		

Driller: Jack Werger

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2650													

Deviation Record: Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 PM	8 PM	8						WAITING ON LOG TRUCK (CIRCON BOTTM)
								CHANGED OIL, FILTERS, AIR CLEANERS IN #1 PUMP MOTORS

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
42	Stands D.P.	2618.42	Ft.
	Singles D.P.		Ft.
	D.C. I.D. O.D.		Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
1	Bit or C.B. 3-4B	2.95	Ft.
	Kelly Down	28.95	Ft.
	Total	2650	Ft.
Wt. of String	42000		Lbs.
Pipe in Hole	84		Jts.
Pipe on Racks	27		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD: Bit No. / Size / Mfg. / Type / Nozzle No. / Nozzle Size / Ser. No. / Depth Out / Depth In / Total Ftg. / Total Hr. Run / Cond. of Bit / Reamer No. / Reamer Type

MATERIAL CHARGED TO OPERATOR

MUD RECORD: Time / Weight / Visc.-Sec. / W.L.-C.C. / FL TR. CK. / PH / SD. Cont. % / Pressure Gradient

Mud & Chemicals Added: Type / Amt. / Type / Amt.

Driller: L. SWEEZEY

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2650													

Deviation Record: Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	830	½						WAITING ON LOG TRUCK.
830	930	1						PULL OUT OF HOLE. TO LOG
930	1100	1½						WAITING ON LOG TRUCK
1100	1130	½						RIG UP LOGGERS
1130	400	4½						LOGGING
								I.E. LOG 2651-143
								BHC-SONIC CALIPER 2651-143
								DENSITY LOG - 2651-143
								CHANGED OIL & FILTERS IN STAND by MOTOR

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C. I.D. O.D.		Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.
Wt. of String			Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD: Bit No. / Size / Mfg. / Type / Nozzle No. / Nozzle Size / Ser. No. / Depth Out / Depth In / Total Ftg. / Total Hr. Run / Cond. of Bit / Reamer No. / Reamer Type

MATERIAL CHARGED TO OPERATOR

MUD RECORD: Time / Weight / Visc.-Sec. / W.L.-C.C. / FL TR. CK. / PH / SD. Cont. % / Pressure Gradient

Mud & Chemicals Added: Type / Amt. / Type / Amt.

Driller: Bernie Lauch

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	630	2½						Logging
630	700	½						Rig Out Loggers
700	815	1¼						Run In Pipe
815	830	¼						Fix Hoist
830	900	½						Run In Pipe
900	1030	1½						W.O.R.
1030	1100	½						Cement Plug #1
								Rank Plug #1 From 2650 - 1800 with 344 Sks.
								Cement Plug Down at 11 00 P.M.
11:00	1200	1						Pull 12 Stands & Lay Down Pipe

№ 908

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease Well Name: PLACID CHEV. N.E. TATHLINA R-50 260-50-117-00
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: MAR. 26 1968
Weather Condition: MILD | Road Conditions: MUDDY | Nearest Town: HAY RIVER | Water - Source: CREEK | Miles Hauled: 3 | Pumped: | Camp Distance from Rig: 200' | Reason for Extra L. Plant: STANDBY

OPERATOR: PLACID OIL CO.

Rig No.: 4 DWKS 1-12

Drill Pipe String: No. ___ Size 4½

Tool Joint: 5¾ O.D. Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: J. Rennie

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. R. Clark

PUMPS			
No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C-150-B	12"
2.	C. DENVER	FB-FXO	10"
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	8⅝		24#J.55	5	144			

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	6		
Reaming			
Conditioning Mud & Circulating	1¼		
Trips LAY COLLARS Pick Up Down	1½	4¾	2¼
Lubricate Rig	¼	¼	¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test		3	
Other			3½
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	5	8

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No.

No. of Lines ___ Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud

Cumulative Rotating Hrs.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
33	Stands D.P.	2059.87	Ft.
1	Singles D.P.	31.57	Ft.
18	D.C. 2⅛ I.D. 6¼ O.D.	525.19	Ft.
	D.C. I.D. O.D.		Ft.
1	Stb. Body Shock O.D.	1.35	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	23.51	Ft.
	Total	2650.49	Ft.
Wt. of String	68,000		Lbs.
Pipe in Hole	67		Jts.
Pipe on Racks	44		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.	4-RR	
Size	8¾	
Mfg.	H.W	
Type	X55R	
Nozzle No.	3	
Nozzle Size	18	
Ser. No.	93709	
Depth Out	2650	
Depth In	3559	
Total Ftg.	91	
Total Hr. Run	16¼	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time	12⁰⁰	3⁰⁰	6³⁰
Weight	8.9	8.8	8.5
Visc.-Sec.	160	220	130
W.L.-C.C.	12	12.4	
FL TR. CK.	2/32	2/32	
PH	10.	10	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added: Type | Amt. | Type | Amt.

Driller: Jack Wenger

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2600	2650	50	D			60	25	500	6"	–	6"		S

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	12¹⁵	¼						RIG SERV. & B.O.P. CK.
12¹⁵	6⁴⁵	6						DRILLING
6⁴⁵	7⁵⁵	1¼						CIRC. HOLE FOR TESTING & LOGGING
7⁵⁵	8⁰⁰	½						HOIST TO TEST
								KAH DST #1 IN THE MIDDLE DEVONIAN DOLOMITE
								FROM 1856-1901 GOOD STRONG AIR BLOW ON 5 MIN
								PREFLOW. ISI-30 MIN V.O.-30 MINS FSI-30 MIN
								GOOD STRONG AIR BLOW, RECOVERED 1313' OF BLACK
								SULPHUROUS SALT WATER. IHP 833 ISI NOT
								RECORDED MFE TOOL FAILED. IF 245 FF 588
								FSI NOT RECORDED AS ABOVE FHP 833

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
33	Stands D.P.	2059.87	Ft.
1	Singles D.P.	31.57	Ft.
18	D.C. 2⅛ I.D. 6¼ O.D.	525.19	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body Shock O.D.	1.35	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	23.51	Ft.
	Total	2650.49	Ft.
Wt. of String	68,000		Lbs.
Pipe in Hole	67		Jts.
Pipe on Racks	44		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD	
Bit No.	
Size	
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added: Type | Amt. | Type | Amt.

Driller: L. Sweetzey

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C
	2650												

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	930	1½						TRIP OUT TO TEST STRAP OUT
930	945	¼						RIG SERVICE BOP CHECKED
945	1030	¾						MAKE UP PACKER
1030	1200	1½						RUN IN WITH PACKER
1200	215	2¾						WAIT ON TEST
215	400	1¾						TRIP OUT WITH PACKER
								RAN DST #2 IN THE GRANITE WASH FORMATION
								2550-2650. VERY WEAK AIR BLOW ON 4 MIN PREFLOW
								ISI-30 MINS V.O.-60 MINS FSI-30 MINS. WEAK AIR
								BLOW DEAD COMPLETELY IN 45 MINS. RECOVERED 10'
								OF DRILLING FLUID. IHP 1195 ISI-110 IF 37 FF 37 FSI-49 FH 1195

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
42	Stands D.P.	2618.42	Ft.
	Singles D.P.		Ft.
	D.C. I.D. O.D.		Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.	~~2.45~~	Ft.
	Bit 6	2.95	Ft.
	Kelly Down	28.95	Ft.
	Total	2650	Ft.
Wt. of String	42000		Lbs.
Pipe in Hole	84		Jts.
Pipe on Racks	27		Jts.
Total Pipe on Lease	111		

BIT RECORD	
Bit No.	
Size	
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added: Type | Amt. | Type | Amt.

Driller: Ronnie Racek

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C
				BIT-98"									

Deviation Record: Depth 2650 | Dev. 2¾ | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	500	1						LAY DOWN AND LOAD OUT TEST TOOLS
5:00	5:15	¼						RIG SERVICE
5:15	8:00	2¾						RUN IN COLLARS LAY DOWN COLLARS
8:00	9:30	1½						RUN IN PIPE & PICK UP 18 SINGLES
9:30	12:00	2½						(CIRC) WAIT ON LOGGERS

No. 907

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease: PLACID CHEV. NE. TAHLINA
Well Name: D-50-60-50-117-00
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: MAR. 25 1968

Weather Condition: MILD | Road Conditions: MUDDY | Nearest Town: HAY RIVER | Water - Source: CREEK | Miles Hauled: 2 | Pumped: | Camp Distance from Rig: 3001 | Reason for Extra L. Plant: STANDBY

OPERATOR: PLACID OIL Co.

Rig No. 4 | DWKS H-2 | Drill Pipe String: No. ___ Size 4½ | Tool Joint 5¾ O.D. | Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Clark

PUMPS			
No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C-150.B	12"
2.	G. DENVER	FB-FXO	10"
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	8 5/8		24# J-55	5	144		144	

TIME DISTRIBUTION—HOURS	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¾	7¾	4½
Reaming			
Conditioning Mud & Circulating			
Trips		3	3¼
Lubricate Rig	¼	¼	¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)			
Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work		5	

WIRE LINE RECORD	
Reel No.	
No. of Lines	Size
Feet Slipped	
Feet Cut Off	
Present Length	
Ton Mi. or Trips Since Last Cut	
Cumulative Ton Mi. or Trips	
No. of Days From Spud	
Cumulative Rotating Hrs.	

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
30	Stands D.P.	1873.01 Ft.
1	Singles D.P.	31.23 Ft.
18	D.C. I.D. O.D.	525.19 Ft.
	D.C. I.D. O.D.	Ft.
1	Stb. Shock Body O.D.	11.35 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	34.32 Ft.
	Total	2476. Ft.
Wt. of String	67,000	Lbs.
Pipe in Hole	61	Jts.
Pipe on Racks	50	Jts.
Total Pipe on Lease	111	Jts.

BIT RECORD		
Bit No.	3	
Size	7 7/8	
Mfg.	H.W.	
Type	X55R.	
Nozzle No.	3	
Nozzle Size	16	
Ser. No.	94724	
Depth Out		
Depth In	1901	
Total Ftg.	575	
Total Hr. Run	39	
Cond. of Bit	1N	
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD		
Time	12^00	4^00
Weight	8.8	8.8
Visc.-Sec.	100	200
W.L.-C.C.		9.2
FL TR. CK.		
PH	9.5	9.5
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added			
Type	Amt.	Type	Amt.
C.M.C.	50#		
GEL	260#		
GEL-FLAKE	7 BAGS		
SAW-DUST	26 BAGS		
IMCO-FIBER	1 BAG		
FIBRE SEAL	3 BAGS		

Driller: Jack Wenger

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2415	2476	61	D			60	25	600	6"	66	6"		S

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12^00	12^15	¼						RIG SERV. & B.O.P. ck.
12^15	8^00	7¾						DRILLING
								LOST ½ VOLUME TO FORMATION IN 45 MINS
								BUILT VOLUME BACK, LOST CIRC MAT. & GEL

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
32	Stands D.P.	1998.47 Ft.
	Singles D.P.	Ft.
18	D.C. I.D. O.D.	525.19 Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Shock Body O.D.	11.35 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	24.11 Ft.
	Total	2559 Ft.
Wt. of String	66000	Lbs.
Pipe in Hole	64	Jts.
Pipe on Racks	47	Jts.
Total Pipe on Lease	111	Jts.

BIT RECORD		
Bit No.	3	
Size	7 7/8	
Mfg.	H.W.	
Type	X55R.	
Nozzle No.	3	
Nozzle Size	16	
Ser. No.	94724	
Depth Out	2.559	
Depth In	1901	
Total Ftg.	658	
Total Hr. Run	46¾	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD		
Time		
Weight	8.8	8.9
Visc.-Sec.	200	85
W.L.-C.C.		9.8
FL TR. CK.		
PH	9.5	9.5
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added			
Type	Amt.	Type	Amt.
GEL.	45	SKS	
DELTEX	6	SKS	
CAUSTIC	3	SKS	
SAWDUST	30	SKS	
FIBERSEAL	6	SKS	

Driller: L. SWEETEN

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2559	2600	41	D			60	25	600	6"	64	6"		

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	815	¼						RIG SERVICE BOPS CHECKED.
815	400	7¾						DRILLING.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
32	Stands D.P.	1998.47 Ft.
1	Singles D.P.	30.30 Ft.
18	D.C. I.D. O.D.	525.19 Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Shock Body O.D.	11.35 Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	34.79 Ft.
	Total	2600 Ft.
Wt. of String	66000	Lbs.
Pipe in Hole	65	Jts.
Pipe on Racks	46	Jts.
Total Pipe on Lease	111	Jts.

BIT RECORD		
Bit No.	4 RS	
Size	7 7/8	
Mfg.	Hughes	
Type	X55R	
Nozzle No.	3	
Nozzle Size	18	
Ser. No.	93709	
Depth Out		
Depth In	2559	
Total Ftg.	41	
Total Hr. Run	4½	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time	5:00	8:00	11:00
Weight		8.7	8.8
Visc.-Sec.		90	120
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added			
Type	Amt.	Type	Amt.
Gel	300#		
Mil Square	50#		
Caustic	100#		

Driller: [illegible]

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						RIG SERVICE
4:15	7:30	3¼						PULL OUT OF HOLE ~~[illegible]~~ FOR BIT & RUN
7:30	12:00	4½						DRILLING

No. 906

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease Well Name: PLACID CHEU. N.E. TATHLINA D-50 D-50-60-50-11-00

Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Date: MAR 24 68

Weather Condition: MILD | Road Conditions: MUDDY | Nearest Town: HAY RIVER | Water - Source: CREEK | Miles Hauled: 3 | Pumped: ____ | Camp Distance from Rig: 300 | Reason for Extra L. Plant: STANDBY

OPERATOR: PLACID OIL Co.

Rig No. 4 | DWKS T-12 | Drill Pipe String: No. ____ Size 4 1/2 | Tool Joint 5 3/4 O.D. | Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: J. Sherwick

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Blair

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C-150-B	12"
2.	G. DENVER	FO-FXC	10"
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSC. HD.	Set at	Remarks
	8 5/8	JT	24-J55	5	144'			

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	5 1/2	7 3/4	7 3/4
Reaming	3/4		
Conditioning Mud & Circulating			
Trips	1/4		
Lubricate Rig	1/4	1/4	1/4
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	3/4		
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No.

No. of Lines ____ Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud

Cumulative Rotating Hrs.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
26	Stands D.P.	1593.28 Ft.	Bit No.	3
—	Singles D.P.	Ft.	Size	7 7/8
18	D.C. 2 7/8 6 1/4 I.D. O.D.	525.19 Ft.	Mfg.	H.W
			Type	X55R
	D.C. I.D. O.D.	Ft.	Nozzle No.	3
			Nozzle Size	16
1	Stb. Body Shock O.D.	11.35 Ft.	Ser. No.	94724
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	1901
	Subs O.D.	Ft.	Total Ftg.	268
	Bit or C.B.	Ft.	Total Hr. Run	15 3/4
	Kelly Down	39.43 Ft.	Cond. of Bit	IN
	Total	9169.25 Ft.	Reamer No.	
Wt. of String	63,000 Lbs.		Reamer Type	
Pipe in Hole	52 Jts.		MATERIAL CHARGED TO OPERATOR	
Pipe on Racks	59 Jts.			
Total Pipe on Lease	111 Jts.			

MUD RECORD

Time	2 00	5 00	
Weight	8.9	8.9	
Visc.-Sec.	90	75	
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC	200#		
GEL	900#		

Driller: Jack Wenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2087	2169	82	D			60	25	500	6"	67	6"		S
								600		68			

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	12 15	1/4						RIG SERV. & B.O.P. CK.
12 15	12 30	1/4						FINISH RUN IN
12 30	1 15	3/4						CLEAN 40' TO BOTTM
1 15	2 00	3/4						WORK ON AIRLINES
2 00	4 30	2 1/2						DRILLING
4 30	5 00	1/2						WORK ON #1 PUMP
5 00	8 00	3						DRILLING

INSTALL NEW HEAD RUBBERS & JAM NUT FLYWHEEL SIDE IN #1 PUMP (C-150B)

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
28	Stands D.P.	1749.86 Ft.	Bit No.	3
	Singles D.P.	Ft.	Size	7 7/8
18	D.C. 2 7/8 6 1/4 I.D. O.D.	525.19 Ft.	Mfg.	H.W.
			Type	X55R.
	D.C. I.D. O.D.	Ft.	Nozzle No.	3
			Nozzle Size	16
	Stb. Body Shock O.D.	11.35 Ft.	Ser. No.	94724
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	1901
	Subs O.D.	Ft.	Total Ftg.	400
	Bit or C.B.	Ft.	Total Hr. Run	23 1/2
	Kelly Down	1460 Ft.	Cond. of Bit	Run
	Total	2361 Ft.	Reamer No.	
Wt. of String	63000 Lbs.		Reamer Type	
Pipe in Hole	56 Jts.		MATERIAL CHARGED TO OPERATOR	
Pipe on Racks	55 Jts.			
Total Pipe on Lease	111 Jts.			

MUD RECORD

Time			
Weight	8.9	8.9	8.9
Visc.-Sec.	60	70	78
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2500		
DELTEX	100		
CAUSTIC	100		

Driller: L. SWEEZEY

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2188	2301	132	D			60	25	600	6"	72	6"		

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	1000	2						DRILLING.
1000	1015	1/4						RIG SERVICE BOPS CHECKED.
1015	400	5 3/4						DRILLING.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
29	Stands D.P.	1811.25 Ft.	Bit No.	3
1	Singles D.P.	32.03 Ft.	Size	7 7/8
	D.C. I.D. O.D.	525.19 Ft.	Mfg.	Hughes
			Type	X55R
	D.C. I.D. O.D.	Ft.	Nozzle No.	3
			Nozzle Size	16
	Stb. Body O.D.	Ft.	Ser. No.	94724
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	1901
	Subs Shock O.D.	11.35 Ft.	Total Ftg.	514
	Bit or C.B.	Ft.	Total Hr. Run	31 1/4
	Kelly Down	35.18 Ft.	Cond. of Bit	Run
	Total	2415 Ft.	Reamer No.	
Wt. of String	63000 Lbs.		Reamer Type	
Pipe in Hole	54 Jts.		MATERIAL CHARGED TO OPERATOR	
Pipe on Racks	62 Jts.			
Total Pipe on Lease	111 Jts.			

MUD RECORD

Time	5.00	8.00	11.00
Weight	8.7	8.7	8.8
Visc.-Sec.	68	71	90
W.L.-C.C.		11.2	
FL TR. CK.		2	
PH		9.5	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	3500#		
Mil Sawdust	50#		

Driller: Bernie Lacoste

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2301	2415	114	D										

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4						RIG SERVICE
4:15	12:00	7 3/4						DRILLING

№ 905

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: Placid Chev NE Tathlina Hill D-50
D-50-60-50-119-W
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: March 23, 1968

Weather Condition: Windy | Road Conditions: Fair | Nearest Town: Hay River | Water - Source: Creek | Miles Hauled: 3 | Pumped: ___ | Camp Distance from Rig: 200 ft | Reason for Extra L. Plant: Standby

OPERATOR: Placid Oil Co.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Clark

Rig No.: DWKS 7-12

Drill Pipe String: No. 111 Size 4½

Tool Joint: 5⅝ O.D. Type Thd.: FH

PUMPS			
No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	C-150	12
2.	G Denver	FD-FID	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	8⅝		24# J55	5	144'			

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	3¼	1½	3
Reaming			
Conditioning Mud & Circulating	4½	6¼	
Trips		¼	4
Lubricate Rig	¼		¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			¾
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work
Hrs. W/DP
Hrs. WO/DP
Hrs. Standby
Total Day Work

WIRE LINE RECORD

Reel No.
No. of Lines ___ Size
Feet Slipped
Feet Cut Off
Present Length
Ton Mi. or Trips Since Last Cut
Cumulative Ton Mi. or Trips
No. of Days From Spud
Cumulative Rotating Hrs.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			
23	Stands D.P.	1437.91 Ft.	Bit No.	3	Time	1:00	4:00	7:00
1	Singles D.P.	30.50 Ft.	Size	7⅞	Weight	88		
18	D.C. I.D. O.D.	525.19 Ft.	Mfg.	Hughes	Visc.-Sec.	35		
			Type	X55R	W.L.-C.C.			
	D.C. I.D. O.D.	Ft.	Nozzle No.	3	FL TR. CK.	2/32		
			Nozzle Size	16	PH	8.0		
	Stb. Body O.D.	6.44 Ft.	Ser. No.	94724	SD. Cont. %			
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient			
	Rmr. Body O.D.	5.07 Ft.	Depth In	1901				
	Subs O.D.	11.35 Ft.	Total Ftg.	146	Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run	5¾	Type	Amt.	Type	Amt.
	Kelly Down	30.54 Ft.	Cond. of Bit		GEL	5000#	Inco Fiber	25X
	Total	2047 Ft.	Reamer No.		Caustic	100		
Wt. of String	60000 Lbs.		Reamer Type		Peltex	100		
Pipe in Hole	47 Jts.		MATERIAL CHARGED TO OPERATOR		Sawdust	5X		
Pipe on Racks	64 Jts.				Jetflake	4X		
Total Pipe on Lease	111 Jts.				Mil Spread	1X		
					Driller	Bernie Kock		

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1960	2047	87				60	25	600	6	70			

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig Service
12:15	3:30	3¼						Drilling
3:30	8	4½						Lost Circ (Mud Loss. Circ. Material) & Pump Down Hole

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			
23	Stands D.P.	1437.91 Ft.	Bit No.	3	Time	10:30		
1	Singles D.P.	30.50 Ft.	Size	7⅞	Weight	8.9		
18	D.C. 2⅞ 7¼ I.D. O.D.	525.19 Ft.	Mfg.	H.W	Visc.-Sec.	150		
			Type	X55R	W.L.-C.C.			
	D.C. I.D. O.D.	Ft.	Nozzle No.	3	FL TR. CK.			
			Nozzle Size	16	PH			
1	Stb. Stab Body O.D.	6.44 Ft.	Ser. No.	94724	SD. Cont. %			
1	Stb. Stab Body O.D.	5.07 Ft.	Depth Out		Pressure Gradient			
	Rmr. Body O.D.	Ft.	Depth In	1901				
1	Subs Stack O.D.	11.35 Ft.	Total Ftg.	154	Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run	7¼	Type	Amt.	Type	Amt.
	Kelly Down	39.43 Ft.	Cond. of Bit	1N	GEL	4800#		
	Total	2055.89 Ft.	Reamer No.		Celflake	22 bags		
Wt. of String	58,000 Lbs.		Reamer Type		Face-Seal	38 bags		
Pipe in Hole	47 Jts.		MATERIAL CHARGED TO OPERATOR		Mil-Spread	4		
Pipe on Racks	64 Jts.				Sawdust	30 bags		
Total Pipe on Lease	111 Jts.				Driller	Jack Wenger		

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2047	2055	8	D			60	5-20	250	6"	55	6"		S

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	10:30	2½						Mix Gel & Loss Circ. Material, Circ. Hole
10:30	12:00	1½						Drilling (Loosing Mud To Formation)
12:00	12:15	¼						Hoist 2 Stds out of Hole.
12:15	4:00	3¾						Fill Mud Tanks, Mix Gel & Loss Circ Material

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			
24	Stands D.P.	1499.65 Ft.	Bit No.	3	Time			
	Singles D.P.	Ft.	Size	7⅞	Weight	8.9		
18	D.C. 2⅞ 6¼ I.D. O.D.	525.19 Ft.	Mfg.	H.W.	Visc.-Sec.	150		
			Type	X55R	W.L.-C.C.			
	D.C. I.D. O.D.	Ft.	Nozzle No.	3	FL TR. CK.			
			Nozzle Size	16	PH			
1	Stb. Stab Body O.D.	6.44 Ft.	Ser. No.	94724	SD. Cont. %			
1	Stb. Stab Body O.D.	11.35 Ft.	Depth Out		Pressure Gradient			
1	Rmr. Body O.D.	5.07 Ft.	Depth In	1901				
	Subs O.D.	Ft.	Total Ftg.	186	Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run	10¼	Type	Amt.	Type	Amt.
	Kelly Down	39.43 Ft.	Cond. of Bit					
	Total	2087 Ft.	Reamer No.					
Wt. of String	60000 Lbs.		Reamer Type					
Pipe in Hole	48 Jts.		MATERIAL CHARGED TO OPERATOR					
Pipe on Racks	63 Jts.							
Total Pipe on Lease	111 Jts.				Driller	L. Sweezey		

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2055	2087	32	D			60	25	200	6"	38	6"		

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	415	¼						Rig Service Pump Heavy Mud Down.
415	715	3						Drilling.
715	800	¾						Could not get to bottom after conn.
800	1200	4						Trip to take reamer & stabilizer off.

0381 I 99A

No. 904

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease Well Name: PLACID CHEW NE TAMELINA D-50-00-50-117-00
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: MARCH 22 1963

Weather Condition: WARM | Road Conditions: FAIR | Nearest Town: HAY RIVER | Water - Source: CREEK | Miles Hauled: 3 | Pumped: ___ | Camp Distance from Rig: 200 FT | Reason for Extra L. Plant: STANDBY

OPERATOR: PLACID OIL CO.

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. R. Clark

Rig No.	Drill Pipe String No.	Drill Pipe String Size	Tool Joint	
DWKS T12	111	4½	Type Thd. FH	5⅞ O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C 150	12
2.	G DENVER	FO-FXO	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	8⅝		24# J55	5	144'			

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			2½
Reaming			
Conditioning Mud & Circulating			
Trips	2¾	2¼	3
Lubricate Rig	¼		¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring	1		
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test		3¾	
Other	4	2	2¼
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work
Hrs. W/DP
Hrs. WO/DP
Hrs. Standby
Total Day Work

WIRE LINE RECORD

Reel No.
No. of Liners — Size
Feet Slipped
Feet Cut Off
Present Length
Ton Mi. or Trips Since Last Cut
Cumulative Ton Mi. or Trips
No. of Days From Spud
Cumulative Rotating Hrs.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
21	Stands D.P.	1313.03	Ft.
1	Singles D.P.	31.50	Ft.
16	D.C. I.D. O.D.	470.65	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D. (Core Body O.D.)	22.60	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	13.82	Ft.
	Total	1901	Ft.
Wt. of String	56000		Lbs.
Pipe in Hole	43		Jts.
Pipe on Racks	68		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.	C-D	
Size	7 13/16	
Mfg.		
Type		
Nozzle No.		
Nozzle Size		
Ser. No.	EC 8702	
Depth Out	1901	
Depth In	1995	
Total Ftg.	6	
Total Hr. Run	1	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD		
Time	400	
Weight	8.8	
Visc.-Sec.	50	
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added: Type | Amt. | Type | Amt.

Driller: Bernie Lovak

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1895	1901	6	C	2	6 FT.	80	15	950	6	49	6		S

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	1:00	1						FINISH OUT WITH CORE NO 1
1:00	1:30	½						HANDLE CORE
1:30	1:45	¼						RIG SERVICE
1:45	2:00	¼						W.O.R.
2:00	3:15	1¼						RUN IN WITH A CORE NO 2
3:15	3:45	½						CIRC TO BOTTOM & DROP BALL
3:45	4:45	1						CORING
4:45	6:30	1¾						PULL OUT OF HOLE WITH CORE #2
6:30	7:00	½						HANDLE CORE
7:00	8:00	1						LAY DOWN CORE BBR

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
21	Stands D.P.	1313.03	Ft.
1	Singles D.P.	31.50	Ft.
16	D.C. I.D. O.D.	470.65	Ft.
	D.C. TEST TOOL I.D. O.D.	87.90	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total	1901	Ft.
Wt. of String	49,000		Lbs.
Pipe in Hole	42		Jts.
Pipe on Racks	69		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.		
Size		
Mfg.		
Type		
Nozzle No.		
Nozzle Size		
Ser. No.		
Depth Out		
Depth In		
Total Ftg.		
Total Hr. Run		
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD		
Time		
Weight		
Visc.-Sec.		
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added: Type | Amt. | Type | Amt.

Driller: Jack Wenger

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1901													

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	10:00	2						WAIT ON TESTER
10:00	11:30	1½						MAKE UP TEST TOOLS
11:30	1:00	1½						RUN IN W/TESTER
1:00	1:30	½						HEAD UP TO TEST
1:30	3:15	1¾						TESTING
3:15	4:00	¾						HOIST OUT W/TESTER

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
22	Stands D.P.	1376.24	Ft.
	Singles D.P.		Ft.
18	D.C. I.D. O.D.	525.19	Ft.
	D.C. I.D. O.D.		Ft.
1	Stb. Body O.D. (STABLE)	6.44	Ft.
	Stb. Body O.D. (SHOCK)	11.35	Ft.
1	Rmr. Body O.D.	5.07	Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	35.25	Ft.
	Total	1960	Ft.
Wt. of String	60000		Lbs.
Pipe in Hole	44		Jts.
Pipe on Racks	67		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.	3	
Size	7⅞	
Mfg.	H.W	
Type	J55R	
Nozzle No.	3	
Nozzle Size	16	
Ser. No.	94724	
Depth Out		
Depth In	1901	
Total Ftg.	59	
Total Hr. Run	2½	
Cond. of Bit	Rond	
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD		
Time	11:00	
Weight	8.8	
Visc.-Sec.	42	
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added: Type | Amt. | Type | Amt.

Driller: L. SUTHERLAND

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1901	1960	59	D			60	25000	600	6	70	6		S

Deviation Record: Depth 1779 | Dev. ¾° | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	500	1	400	500	1			TRIP FOR PACKER.
500	600	1	500	600				LAY DOWN PACKER.
600	615	¼	600	615				RIG SERVICE.
615	700	¾	615	700				PICK UP 2 COLLARS SHOCK REAMER & STABILIZER
700	900	2	700	900				RUN IN TO DRILL.
900	930	½	900	930				CLEAN TO BOTTOM.
930	1200	2½	930	1200				DRILLING.

No. 903

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: Pacific Creek Pet. Tochina D-50 D-50-60-50-117-60

Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: March 21 1967

Weather Condition: Mild +20° Road Conditions: Fair Nearest Town: Hay River

Water - Source: Creek Miles Hauled: 3 Pumped: ___ Camp Distance from Rig: 200 ft Reason for Extra L. Plant: Stand By

OPERATOR: Pacific Oil Co.

Rig No.: DWKS T-12 | Drill Pipe String: No. 111 Size 4½ | Tool Joint: 5⅝ O.D. Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: J. Rosinchuk

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	C-150	12
2.	G. Denver	FB-A10	10
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
8 5/8		24# J55	5	144'			

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	6¾		
Reaming			
Conditioning Mud & Circulating		6	
Trips	1	1¾	2
Lubricate Rig	¼	¼	¼
Deviation Survey	¼		
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	¼		
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work
Hrs. W/DP
Hrs. WO/DP
Hrs. Standby
Total Day Work

WIRE LINE RECORD

Reel No.
No. of Lines Size
Feet Slipped
Feet Cut Off
Present Length
Ton Mi. or Trips Since Last Cut
Cumulative Ton Mi. or Trips
No. of Days From Spud
Cumulative Rotating Hrs.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
22	Stands D.P.	1386.24	Ft.
	Singles D.P.		Ft.
16	D.C. I.D. O.D.	470.65	Ft.
	D.C. I.D. O.D.		Ft.
1	Stb. Body O.D.	6.40	Ft.
	Stb. Body O.D. (Sec. 5)	11.35	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	20.36	Ft.
	Total	1886	Ft.

Wt. of String: 58,000 Lbs.
Pipe in Hole: 44 Jts.
Pipe on Racks: 67 Jts.
Total Pipe on Lease: 111 Jts.

BIT RECORD

Bit No.	1 RR	
Size	7⅞	
Mfg.	REED	
Type	STAG	
Nozzle No.	3	
Nozzle Size	16	
Ser. No.	464246	
Depth Out		
Depth In	934	
Total Ftg.	952	
Total Hr. Run	13¾	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time	2:00	4:00	6:00
Weight	8.7	8.8	8.9
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added: Type / Amt. / Type / Amt.

Driller: Bernie Sarch

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1464	1886	422	D			105	26	700	6	73			

Deviation Record: Depth 1379 Dev. 3/4° Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig Service
12:15	4:15	4						Drilling
4:15	4:30	¼						Servey
4:30	6:45	2¼						Drilling.
6:45	7:00	¼						Circ up Sample
7:00	8:00	1						Prep for Bit Strap out

Measured Pipe 1376.08
Tally 1377.24
Diff 1.16
1 ft corr made

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
22	Stands D.P.	1386.24	Ft.
—	Singles D.P.		Ft.
	D.C. I.D. O.D.		Ft.
16	D.C. I.D. O.D.	470.65	Ft.
1	Stb. Stab Body O.D.	6.40	Ft.
1	Stb. Sub Body O.D.	11.35	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	21.36	Ft.
	Total	1886	Ft.

Wt. of String: 56,000 Lbs.
Pipe in Hole: 44 Jts.
Pipe on Racks: 67 Jts.
Total Pipe on Lease: 111 Jts.

BIT RECORD

Bit No.	1 RR	
Size	7⅞	
Mfg.	REED	
Type	STAG	
Nozzle No.	3	
Nozzle Size	16	
Ser. No.	464246	
Depth Out	1886	
Depth In	934	
Total Ftg.	952	
Total Hr. Run	13¾	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time	2	3
Weight	8.8	8.8
Visc.-Sec.	45	53
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added: Type / Amt. / Type / Amt.
Gel 49 sk

Driller: Jack Wenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1886		—											

Deviation Record: Depth Dev. Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8	8:30	44						Rig Serv. & B.O.P.C.D.
8	8:30	¼						Finish Hoist out to D.C. & measure
8:30	12:30	4						Clean mud tanks, fill tanks w/water
								and mix gel, cond. mud for coring
12:30	1	½						Run in hole
1	3	2						Displace hole to mud & circ. for coring
3	4	1						Hoist to core

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
21	Stands D.P.	1345.30	Ft.
	Singles D.P.		Ft.
16	D.C. I.D. O.D.	470.65	Ft.
	D.C. Core Bbl. I.D. O.D.	7200	Ft.
	Stb. Pup Body O.D.	15.00	Ft.
	Stb. Pup Body O.D.	5.00	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.

Wt. of String: 56000 Lbs.
Pipe in Hole: Jts.
Pipe on Racks: Jts.
Total Pipe on Lease: 111 Jts.

BIT RECORD

Bit No.	C1	
Size	7 13/16	
Mfg.	CHRISTENSEN	
Type	◇	
Nozzle No.		
Nozzle Size		
Ser. No.	EC8702	
Depth Out	1895	
Depth In	1886	
Total Ftg.	9	
Total Hr. Run	1½	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time		
Weight	8.8	
Visc.-Sec.	50	
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added: Type / Amt. / Type / Amt.

Driller: L. Swekley

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1886	1895	9	Core	1		90	14	900	6		6		

Deviation Record: Depth Dev. Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	415	¼						Rig service
415	445	½						Trip out.
445	600	1¼						Pick up core bbl.
600	730	1½						Run in with core bbl.
730	830	1						Ream to bottom.
830	915	¾						Take bail out of derrick.
915	1045	1½						Cut core No 1.
1045	1200	1¼						Core jamed. Trip out.

№ 902

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: Placid Chev. NE Tathlina D-50
D-50 - 60 - 50 - 117 - 00
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: March 30 1968

Weather Condition: Mild 5°F Road Conditions: Fair Nearest Town: Hay River. Water - Source: Creek Miles Hauled: 5 Pumped: ___ Camp Distance from Rig: 200 FT Reason for Extra L. Plant: Standby

OPERATOR: Placid Oil Co.

Rig No. 4 DWKS T12 | Drill Pipe String No. 111 Size 4½ | Tool Joint 5⅞ O.D. Type Thd. FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: A. Rosenbek

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Clark

PUMPS No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	C-150	12
2.	G. Denver	FD-500	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	8⅝		24 J55	5	149	12.20	144	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			7½
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig		½	
Deviation Survey			½
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement	8		
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work
Hrs. W/DP
Hrs. WO/DP
Hrs. Standby
Total Day Work

WIRE LINE RECORD

Reel No.
No. of Lines Size
Feet Slipped
Feet Cut Off
Present Length
Ton Mi. or Trips Since Last Cut
Cumulative Ton Mi. or Trips
No. of Days From Spud
Cumulative Rotating Hrs.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
6	Stands D.P.	375.22	Ft.
1	Singles D.P.	31.55	Ft.
16	D.C. I.D. O.D.	470.65	Ft.
	D.C. I.D. O.D.		Ft.
1	Stb. Body O.D.	6.40	Ft.
	Stb. Shock Body O.D.	11.35	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	39.43	Ft.
	Total	934.60	Ft.
Wt. of String	42000		Lbs.
Pipe in Hole	13		Jts.
Pipe on Racks	98		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD: Bit No. ___ Size ___ Mfg. ___ Type ___ Nozzle No. ___ Size ___ Ser. No. ___ Depth Out ___ Depth In ___ Total Ftg. ___ Total Hr. Run ___ Cond. of Bit ___ Reamer No. ___ Reamer Type ___

MATERIAL CHARGED TO OPERATOR

MUD RECORD: Time ___ Weight ___ Visc.-Sec. ___ W.L.-C.C. ___ FL TR. CK. ___ PH ___ SD. Cont. % ___ Pressure Gradient ___

Mud & Chemicals Added: Type | Amt. | Type | Amt.

Driller

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:00	8						W.O.C.
								RECEMENTED SURFACE CSG. WITH 225 SACKS. CEMENT PLUS 1% CaCl2. CEMENT AWAY @ 11:30 AM MARCH 31, 1968. WITH 200# PSI. DID NOT GET ANY RETURNS TO SURFACE AFTER 78 SKS. OF CEMENT MIXED. NO RETURNS OF CEMENT AT SURFACE AFTER JOB COMPLETED. CLEANED OUT CELLAR 2' BELOW CASING BOWL & CEMENTED WITH 50 SKS CEMENT PLUS 4% CaCl2

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
6	Stands D.P.	375.22	Ft.
1	Singles D.P.	31.55	Ft.
16	D.C. I.D. O.D.	470.65	Ft.
	D.C. I.D. O.D.		Ft.
1	Stb. Body O.D.	6.40	Ft.
	Stb. Shock Body O.D.	11.35	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	39.43	Ft.
	Total		Ft.
Wt. of String	40 200		Lbs.
Pipe in Hole	13		Jts.
Pipe on Racks	98		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD: Bit No. 1AR Size 7⅞ Mfg. Reed Type STIAGJ Nozzle No. 3 Size 16 Ser. No. 464246 Depth Out ___ Depth In 934 Total Ftg. 6 Total Hr. Run ___ Cond. of Bit ___ Reamer No. ___ Reamer Type ___

MATERIAL CHARGED TO OPERATOR

MUD RECORD: Time ___ Weight ___ Visc.-Sec. ___ W.L.-C.C. ___ FL TR. CK. ___ PH ___ SD. Cont. % ___ Pressure Gradient ___

Mud & Chemicals Added: Type | Amt. | Type | Amt.

Driller

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	½						RIG SERVICE
8:15	12:00	3¾						DRILL OUT CEMENT
12:00	4:00	4						CLEAN TO BOTTOM

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
15	Stands D.P.	936.70	Ft.
	Singles D.P.		Ft.
16	D.C. 33 64 I.D. O.D.	470.65	Ft.
	D.C. I.D. O.D.		Ft.
1	Stb. Body O.D.	6.40	Ft.
	Stb. Shock Body O.D.	11.35	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	39.43	Ft.
	Total	1464	Ft.
Wt. of String	48000		Lbs.
Pipe in Hole	30		Jts.
Pipe on Racks	81		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD: Bit No. 1AR Size 7⅞ Mfg. Reed Type STIAGJ Nozzle No. 3 Size 16 Ser. No. 464246 Depth Out ___ Depth In 934 Total Ftg. 530 Total Hr. Run 7½ Cond. of Bit Rerun Reamer No. ___ Reamer Type ___

MATERIAL CHARGED TO OPERATOR

MUD RECORD: Time ___ Weight 8.5 Visc.-Sec. 26 W.L.-C.C. ___ FL TR. CK. ___ PH ___ SD. Cont. % ___ Pressure Gradient ___

Mud & Chemicals Added: Type | Amt. | Type | Amt.
WATER

Driller L. Sweeney

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C
934	1464	530				100	20	700	6	78	6		

Deviation Record: Depth 1091 | Dev. 1½° | Direction | Depth 1400 | Dev. ¾° | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	615	2¼						DRILLING
615	630	¼						SURVEY
630	1030	4						DRILLING
1030	1045	¼						SURVEY
1045	1200	1¼						DRILLING

№ 901

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease Well Name: PLACID CHEV. NE. TATHLINE D-50 60-50-117-00

Date: MARCH 19 1971

Weather Condition: COLD | Road Conditions: FAIR | Nearest Town: HAY RIVER | Water - Source: CREEK | Miles Hauled: 5 | Pumped: | Camp Distance from Rig: 200 FT. | Reason for Extra L. Plant: STANDBY

Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

OPERATOR: PLACID OIL CO.

Rig No.: DWKS T12

Drill Pipe String: No. 111 Size 4½

Tool Joint: 5⅝ O.D. Type Thd. FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C 150	12
2.	G. DENVER	FD-FB6	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	8⅝		24# J55	5	144			

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating	3½		
Trips	1¼		
Lubricate Rig	¼		
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing		1	
Waiting on Cement		3½	8
Drill Stem Test			
Other	2¾	3½	3¼
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No.

No. of Lines ___ Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud

Cumulative Rotating Hrs.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
6	Stands D.P.	375.22 Ft.	Bit No.	2
1	Singles D.P.	31.55 Ft.	Size	7⅞
16	D.C. I.D. O.D.	470.65 Ft.	Mfg.	Hughes
			Type	J 1G
	D.C. I.D. O.D.	Ft.	Nozzle No.	3
			Nozzle Size	16
	Stb. Body O.D.	6.40 Ft.	Ser. No.	5[illegible]
	Stb. Body O.D.	11.35 Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	200
	Subs O.D.	Ft.	Total Ftg.	634
	Bit or C.B.	Ft.	Total Hr. Run	23½
	Kelly Down	39.43 Ft.	Cond. of Bit	
	Total	934.60 Ft.	Reamer No.	
Wt. of String	43000 Lbs.		Reamer Type	
Pipe in Hole	13 Jts.		MATERIAL CHARGED TO OPERATOR	
Pipe on Racks	98 Jts.			
Total Pipe on Lease	111 Jts.			

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.
WT MAT	12100#		
Gel	1500		

Driller: Bernie Dack

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	12[illegible]	¼						RIG SERVICE
12:15	4:00	3¾						CON. MUD TO STOP WATER FLOW
4:00	4:30	½						PUMP MUD DOWN HOLE & CIRC
4:30	5:45	1¼						PULL OUT OF HOLE
5:45	8:00	2¼						WASH ICE OFF BOP TAKE [illegible] BUCKETS OFF
								AND RIG [illegible] BUCKETS TO HOLE & BOP. UP

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
6	Stands D.P.	375.22 Ft.	Bit No.	
1	Singles D.P.	31.55 Ft.	Size	
16	D.C. 2¾ 6¼ I.D. O.D.	470.65 Ft.	Mfg.	
			Type	
	D.C. I.D. O.D.	Ft.	Nozzle No.	
			Nozzle Size	
1	Stb. Body O.D.	6.40 Ft.	Ser. No.	
1	Stb. Body O.D.	11.35 Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	
	Subs O.D.	Ft.	Total Ftg.	
	Bit or C.B.	Ft.	Total Hr. Run	
	Kelly Down	39.43 Ft.	Cond. of Bit	
	Total	934.60 Ft.	Reamer No.	
Wt. of String	43000 Lbs.		Reamer Type	
Pipe in Hole	Jts.		MATERIAL CHARGED TO OPERATOR	
Pipe on Racks	Jts.			
Total Pipe on Lease	111 Jts.			

MUD RECORD

Time	12[illegible]
Weight	12.
Visc.-Sec.	2[illegible]
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.
WT MAT	3500		
Gel	700		

Driller: Jack Wenger

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C
	934												

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8[illegible]	8[illegible]	½						TIE UP & LIFT UP B.O.P & CSG.
8[illegible]	11[illegible]	2½						COND. MUD TO KILL WELL
11[illegible]	12[illegible]	½						CIRC. HEAVY MUD DOWN KILL WATER FLOW,
12[illegible]	12[illegible]	½						MIX & CEMENT DOWN HOLE & UP AROUND SURFACE
12[illegible]	[illegible]							CSG
	12[illegible]	½						CLEAN OUT AND CEMENT CELLAR
12[illegible]	4[illegible]	3½						W.O.C.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
6	Stands D.P.	375.22 Ft.	Bit No.	
1	Singles D.P.	31.55 Ft.	Size	
16	D.C. 2¾ 6¼ I.D. O.D.	470.65 Ft.	Mfg.	
			Type	
	D.C. I.D. O.D.	Ft.	Nozzle No.	
			Nozzle Size	
	Stb. Body O.D.	6.40 Ft.	Ser. No.	
	Stb. Body O.D.	11.35 Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	
	Subs O.D.	Ft.	Total Ftg.	
	Bit or C.B.	Ft.	Total Hr. Run	
	Kelly Down	39.43 Ft.	Cond. of Bit	
	Total	934.60 Ft.	Reamer No.	
Wt. of String	43000 Lbs.		Reamer Type	
Pipe in Hole	13 Jts.		MATERIAL CHARGED TO OPERATOR	
Pipe on Racks	98 Jts.			
Total Pipe on Lease	111 Jts.			

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: L. Sutherland

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C
	934								6"		6"		

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	1200	4						W.O.C.

№ 975

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: Placer Cutbank Imperial D-50
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.: 00-50-11-00
Date: March 18 1976
Weather Condition: Cold | Road Conditions: Fair | Nearest Town: Hay River | Water - Source: Creek | Miles Hauled: 5 | Pumped: | Camp Distance from Rig: 200' | Reason for Extra L. Plant: Standby

OPERATOR: Placer Oil Co.

Rig No.: DWKS T12 | Drill Pipe String: No. 111, Size 4½ | Tool Joint: 5½ O.D. | Type Thd.: FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	C 150	12
2.	G Denver	FD-FD	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	8⅝	~~24.55~~	24.55	5	149	12.20	144	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	3½	7½	½
Reaming			
Conditioning Mud & Circulating	½		6
Trips	3¾		
Lubricate Rig	¼	¼	¼
Deviation Survey		½	½
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			1¼
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No.
No. of Lines Size
Feet Slipped
Feet Cut Off
Present Length
Ton Mi. or Trips Since Last Cut
Cumulative Ton Mi. or Trips
No. of Days From Spud
Cumulative Rotating Hrs.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
7	Stands D.P.	61.88	Ft.
	Singles D.P.		Ft.
10	D.C. 2⅞ I.D. 6¼ O.D.	470.65	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.	6.40	Ft.
	Stb. Stock Body O.D.	11.35	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	39.43	Ft.
	Total	576	Ft.

Wt. of String: 42,000 Lbs.
Pipe in Hole: 2 Jts.
Pipe on Racks: 109 Jts.
Total Pipe on Lease: 111 Jts.

BIT RECORD

Bit No.		2
Size		7⅞
Mfg.		Hughes
Type		XIC-J
Nozzle	No.	3
	Size	16
Ser. No.		2B158
Depth Out		
Depth In		200
Total Ftg.		376
Total Hr. Run		15½
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time	1.00	3.00	7.00
Weight	8.5	8.5	8.3
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added: Type / Amt. / Type / Amt.

Driller: Bernie Lacek

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
433	576	143	D			80	30	600	6	25	6		S

Deviation Record: Depth / Dev. / Direction / Depth / Dev. / Direction / Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	12.15	¼						Rig Service
12.15	2.15	2						Drilling
2.15	2.45	½						Circ. To Clean Hole
2.45	6.30	3¾						Pull Out To Lay Down Square Collar, Pick Bottom Hole Collar & Stabilizer & Top Hole Collar.
6.30	8.00	1½						Drilling

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
6	Stands D.P.	375.22	Ft.
	Singles D.P.	—	Ft.
10	D.C. 2⅞ I.D. 6¼ O.D.	470.65	Ft.
	D.C. I.D. O.D.		Ft.
1	Stb. Body O.D.	6.40	Ft.
1	Stb. Stock Body O.D.	11.35	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	39.43	Ft.
	Total	903.05	Ft.

Wt. of String: 43,000 Lbs.
Pipe in Hole: 12 Jts.
Pipe on Racks: 99 Jts.
Total Pipe on Lease: 111 Jts.

BIT RECORD

Bit No.		2
Size		7⅞
Mfg.		H.W.
Type		XIC-
Nozzle	No.	3
	Size	16
Ser. No.		2A158
Depth Out		
Depth In		200
Total Ftg.		303
Total Hr. Run		22¾
Cond. of Bit		1N
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time	10.00	12.00	2.00
Weight	8.5	8.5	8.6
Visc.-Sec.	28	28	28
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added: Type / Amt. / Type / Amt.

Driller: Jack Wenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
576	903	327				90-120	20-30	600	6"	78	6"		S

Deviation Record: Depth 643 / Dev. ¼° / Direction / Depth 830 / Dev. ¾° / Direction / Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	8.15	¼						Rig Serv. & B.O.P. Ck.
8.15	10.15	2						Drilling
10.15	10.30	¼						Survey
10.30	3.15	4¾						Drilling
3.15	3.30	¼						Survey
3.30	4.00	½						Drilling
								Water coming up around casing

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
6	Stands D.P.	406.77	Ft.
1	Singles D.P.		Ft.
16	D.C. 2⅞ I.D. 6¼ O.D.	470.65	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.	6.40	Ft.
	Stb. Stock Body O.D.	11.35	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	39.43	Ft.
	Total	934.60	Ft.

Wt. of String: 43000 Lbs.
Pipe in Hole: 13 Jts.
Pipe on Racks: 98 Jts.
Total Pipe on Lease: 111 Jts.

BIT RECORD

Bit No.		2
Size		7⅞
Mfg.		H W
Type		XIC
Nozzle	No.	3
	Size	16
Ser. No.		2A158
Depth Out		
Depth In		200
Total Ftg.		734
Total Hr. Run		23¼
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time			
Weight		12.1	
Visc.-Sec.		250	
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added: Type / Amt. / Type / Amt.
Gel 35 sks.
Material 152 sks

Driller: L. Sweezey

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
903	934	31				90	20	600	6"	78	6"		S

Deviation Record: Depth 830 / Dev. ¾° / Direction / Depth / Dev. / Direction / Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	415	¼						Rig Service. Pops resting on sub.
415	445	½						Drilling
445	530	¾						Clean tanks
530	1130	6						Mix Gel & weight material
1130	1200	½						Pump mud down hole

№ 974

GUTHRIE McLAREN Drilling Co.

DAILY DRILLING REPORT

Lease Well Name: Placid Cheurom Mt Taylina B-50 60-50-17-00
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.
Date: March 17 1968

Weather Condition: Cold | Road Conditions: Fair | Nearest Town: Hay River | Miles Hauled: 3 | Water - Source: Creek | Pumped ____ | Camp Distance from Rig: 200' | Reason for Extra L. Plant: Stand By

OPERATOR: Placid Oil Company

Rig No. 4 | DWKS T-12 | Drill Pipe String: No. ____ Size 4½ | Tool Joint 5¾ O.D. | Type Tbd. F.H

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Clark

PUMPS			
No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	C-150	12
2.	G. Denver	FO-FID	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	9⅝		24 J-55	5	144			

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	2¼	5	7
Reaming			
Conditioning Mud & Circulating			
Trips	½	3½	
Lubricate Rig	¼		¼
Deviation Survey			¾
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig	¼		
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	4¾	1	
Fishing		1½	
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No.
No. of Lines ____ Size
Feet Slipped
Feet Cut Off
Present Length
Ton Mi. or Trips Since Last Cut
Cumulative Ton Mi. or Trips
No. of Days From Spud
Cumulative Rotating Hrs.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
5	D.C. I.D. O.D.	146.11	Ft.
1	D.C. Square I.D. O.D.	29.78	Ft.
	Stb. Body O.D.		Ft.
	Stb. Stabilizer Body O.D.	11.35	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.	2.61	Ft.
	Bit or C.B.		Ft.
	Kelly Down	10.15	Ft.
	Total	200	Ft.
Wt. of String	20000		Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.	1	
Size	7⅞	
Mfg.	Reed	
Type	Strata	
Nozzle No.	3	
Nozzle Size	16	
Ser. No.	46424	
Depth Out	200	
Depth In	144	
Total Ftg.	56	
Total Hr. Run	4¾	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
192	200	8	D			80	2000	5	6"	78			

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	1:00	1						Rig up Square Collar Ream Collars in Circ.
1:00	1:15	¼						Rig Services
1:15	4:00	2¾						Rig Up Diselder
4:00	5:00	1						Ream Square Collar Down
5:00	7:00	2						Drilling
7:00	7:15	¼						Tighten Stand Pipe
7:15	7:30	¼						Drilling
7:30	8:00	½						Put Out of Hole (Slip Dies in pieces wre in Bit)

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
7	D.C. 7¾ I.D. 6¼ O.D.	209.06	Ft.
1	D.C. Square I.D. O.D.	29.78	Ft.
1	Stb. Stabilizer Body O.D.	11.35	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X/O O.D.	2.61	Ft.
	Bit or C.B.		Ft.
	Kelly Down	32.20	Ft.
	Total	283	Ft.
Wt. of String	25,000		Lbs.
Pipe in Hole	—		Jts.
Pipe on Racks	111		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.	2	
Size	7¾	
Mfg.	H.W.	
Type	X 1G	
Nozzle No.	3	
Nozzle Size	16	
Ser. No.	Z4158	
Depth Out		
Depth In	200'	
Total Ftg.	83	
Total Hr. Run	5	
Cond. of Bit	IN	
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time	10:00	12:00	2:00
Weight	8.3	8.3	8.4
Visc.-Sec.	28	28	28
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Jack Wenger

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
200	283	83	D			80	20,00	500	6"	78	6"		5

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
~~12:00~~	~~1:00~~	~~1~~						~~Finish Out of Hole Up Square Collar & Run in C~~
~~1:00~~	~~9:00~~	~~1~~						~~Rig Up Diesler~~ Work on D.C. Slips
9:00	9:30	½						Run in w/ Magnet & Junk Sub
9:30	10:00	½						Work Magnet & Junk Sub
10:00	10:30	½						Hoist Magnet Retrieve Iron (2 Pieces)
10:30	11:00	½						Run in w/ Bit #2
11:00	4:00	5						Drilling

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
1	D.C. Square I.D. O.D.	29.78	Ft.
12	D.C. I.D. O.D.	350.50	Ft.
	Stb. Shock Body O.D.	11.35	Ft.
	Stb. X/O Body O.D.	2.61	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	39.43	Ft.
	Total	433	Ft.
Wt. of String	34000		Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.	2	
Size	7¾	
Mfg.	HW	
Type	X 1G	
Nozzle No.	3	
Nozzle Size	16	
Ser. No.	Z4158	
Depth Out		
Depth In	200	
Total Ftg.	233	
Total Hr. Run	12	
Cond. of Bit	Run	
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time			
Weight	8.3	8.3	8.3
Visc.-Sec.	28	28	28
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
	Water		

Driller: L. Swistsey

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
283	433	150				80	20	600	6	78	6		

Deviation Record: Depth 347 | Dev. ⅛° | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	430	½						Drilling
430	445	¼						Rig Service
445	800	3¼						Drilling
400	845	¾						Survey Free Survey Bbl
845	1200	3¼						Drilling

№ 973

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease Well Name: PLACID CHEV. N.E. TATHLINA. Location — Lsd. D50 Lsd. 100 Sec. 531 Twp. 117 Rge. 00 W. M.

Date: MARCH 16 1965

Weather Condition: -10 COLD. Road Conditions: GOOD. Nearest Town: HAY RIVER. Water - Source: CREEK. Miles Hauled: 5. Pumped: ____. Camp Distance from Rig: 350 FT. Reason for Extra L. Plant: STANDBY

OPERATOR: PLACID OIL CO.

Rig No. 4. DWKS T12. Drill Pipe String: No. ____ Size 4½. Tool Joint 5¾ O.D. Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Leland

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C150B	12
2.	G. DENVER.	FO. FXO.	10
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
8⅝		24 J-55	5	149	12.30	144	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			5½
Reaming			
Conditioning Mud & Circulating			
Trips		1	1½
Lubricate Rig		¼	¼
Deviation Survey			
Test B.O.P.		1	1
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	8	5½	3½
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	

TIME SUMMARY (Office Use Only)

Day Work. Hrs. W/DP. Hrs. WO/DP. Hrs. Standby. Total Day Work.

WIRE LINE RECORD

Reel No. No. of Lines. Size. Feet Slipped. Feet Cut Off. Present Length. Ton Mi. or Trips Since Last Cut. Cumulative Ton Mi. or Trips. No. of Days From Spud. Cumulative Rotating Hrs.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	Stands D.P.	Ft.
	Singles D.P.	Ft.
	D.C. I.D. O.D.	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	Ft.
	Total	Ft.
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease	111	Jts.

BIT RECORD: Bit No. ; Size ; Mfg. ; Type ; Nozzle No. ; Nozzle Size ; Ser. No. ; Depth Out ; Depth In ; Total Ftg. ; Total Hr. Run ; Cond. of Bit ; Reamer No. ; Reamer Type ; MATERIAL CHARGED TO OPERATOR

MUD RECORD: Time ; Weight ; Visc.-Sec. ; W.L.-C.C. ; FL TR. CK. ; PH ; SD. Cont. % ; Pressure Gradient

Mud & Chemicals Added: Type | Amt. | Type | Amt.

Driller: L. SWEEZEY.

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
144													

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	8.00							HEAD UP

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	Stands D.P.	Ft.
	Singles D.P.	Ft.
2	D.C. I.D. O.D. 85.68	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Shock Body O.D. 11.35	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D. 2.61	Ft.
	Bit or C.B. 2.95	Ft.
	Kelly Down 10.00	Ft.
	Total 112.00	Ft.
Wt. of String	16,000	Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease	111	Jts.

BIT RECORD: Bit No. ; Size ; Mfg. ; Type ; Nozzle No. ; Nozzle Size ; Ser. No. ; Depth Out ; Depth In ; Total Ftg. ; Total Hr. Run ; Cond. of Bit ; Reamer No. ; Reamer Type ; MATERIAL CHARGED TO OPERATOR

MUD RECORD: Time ; Weight ; Visc.-Sec. ; W.L.-C.C. ; FL TR. CK. ; PH ; SD. Cont. % ; Pressure Gradient

Mud & Chemicals Added: Type | Amt. | Type | Amt.

Driller: Bernie Hood

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
						75	2000	80	6"	73			

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	8.15	¼						RIG SERVICE
8.15	9.30	1¼						HEAD UP PRESS UP BLIND RAMS TO 1000#
9.30	10.00	½						RIG UP TO DRILL MOUSE HOLE
10.00	12.00	2						DRILL MOUSE HOLE
12.00	1.00	1						PRESS UP B.O.P. TO 1000# O.K.
1.00	2.00	1						RUN IN HOLE
2.00	4.00	2						DRILL OUT FLOAT

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	Stands D.P.	Ft.
	Singles D.P.	Ft.
5	D.C. I.D. O.D. 146.11	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Shock Body O.D. 11.35	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D. 2.61	Ft.
	Bit or C.B. Sub 2.95	Ft.
	Kelly Down 29.02	Ft.
	Total 192.00	Ft.
Wt. of String	22,000	Lbs.
Pipe in Hole	—	Jts.
Pipe on Racks	—	Jts.
Total Pipe on Lease	111	Jts.

BIT RECORD: Bit No. 1 ; Size 7⅞ ; Mfg. REED ; Type STAG- ; Nozzle No. 3-16 ; Nozzle Size 3-16 ; Ser. No. 412244 ; Depth Out ; Depth In 144 ; Total Ftg. 48 ; Total Hr. Run 2½ ; Cond. of Bit IN ; Reamer No. ; Reamer Type ; MATERIAL CHARGED TO OPERATOR

MUD RECORD: Time 5.30 | 7.00 | 9.00 ; Weight 8.3 | 8.3 | 8.3 ; Visc.-Sec. 28 | 28 | 28 ; W.L.-C.C. ; FL TR. CK. ; PH ; SD. Cont. % ; Pressure Gradient

Mud & Chemicals Added: Type | Amt. | Type | Amt. ; BICARBONATE OF SODA | 200#

Driller: Jack Wa[illegible]

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
144	192	48	D.			80	1600	550	6"		6"		5

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	4.15	¼						RIG SERV.
4.15	5.15	1						TRIP CHANGE JETS IN B.I.
5.15	6.15	1						DRILLING CEMENT + SHOE
6.15	6.45	½						REMOVE GRAVEL FROM #1 PUMP
6.45	7.00	¼						DRILLING CEMENT
7.00	7.15	¼						REMOVE GRAVEL FROM PUMP
7.15	8.00	¾						DRILLING CEMENT + SHOE
8.00	9.30	1½						DRILLING 7⅞" HOLE
9.30	10.30	1						TIGHTEN STAND PIPE UNION & 4" VALVE ON #1 PUMP
10.30	11.30	1						DRILLING
11.30	12.00	½						TRIP FOR SQUARE D.C.

No. 972

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: PLACID CHEV. NETATHLINE D-5

Location — Lsd. 6 Sec. 5 Twp. 117 Rge. 20 W. M.

Date: MARCH 15 1968

Weather Condition: -5° CLEAR COOL | Road Conditions: FAIR | Nearest Town: HAY RIVER | Water - Source: CREEK | Miles Hauled: 5 | Pumped: | Camp Distance from Rig: 250 FT | Reason for Extra L. Plant: STAND BY

OPERATOR: Placid Oil Co.

Rig No. 4 DWKS T12 | Drill Pipe String No. | Size | Tool Joint Type Thd. E.H. | 5¾ O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: A. Lemaire

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Clark

PUMPS No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C-60B	13
2.	C DENVER	Ex. Exp.	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks

MORNING TOUR

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	5¾		
Reaming			
Conditioning Mud & Circulating	1¾	6¼	
Trips			
Lubricate Rig	¼	¼	
Deviation Survey	¼		
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing		1	1
Waiting on Cement			7
Drill Stem Test			
Other		½	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	4	8	8

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C. I.D. O.D.		Ft.
3	D.C. 2⅞ I.D. 6⅛ O.D.	85.09	Ft.
	Stb. Body O.D. (SHOCK)	11.35	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.	2.62	Ft.
	Subs O.D.	2.70	Ft.
	Bit or C.B.	2.95	Ft.
	Kelly Down	39.00	Ft.
	Total	144	Ft.
Wt. of String	16.000		Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.	3	2
Size	12¼	12¼
Mfg.	REED	SEC
Type	YT3-R	S3
Nozzle No.	3	
Nozzle Size	11/16	
Ser. No.	450292	905241
Depth Out		101
Depth In	101	0
Total Ftg.	43	101
Total Hr. Run	5¾	8
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD		
Time		
Weight	10.5	
Visc.-Sec.	200	
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	1700		
WEIGHT	3500		

Driller: G. SWEEZEY

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
REAM 99	101	2				100	2-4	200	6	78	6		
101	144	43											

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	100	¼°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215	¼						RIG SERVICE.
1215	100	¾						REAM RAT HOLE
100	115	¼						SURVEY.
115	145	½						CHANG BITS PICK UP SHOCK SUB.
145	230	¾						DRILLING
230	300	½						PULLOUT TAKE ROCKS OUT OF B.T.
300	800	5						DRILLING.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
3	D.C. 2⅞ I.D. 6¼ O.D.	85.09	Ft.
	D.C. I.D. O.D.	11.35	Ft.
	Stb. Body O.D.	2.62	Ft.
	Stb. Body O.D.	~~2.70~~	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.	2.70	Ft.
	Bit or C.B.	2.95	Ft.
	Kelly Down	39.00	Ft.
	Total	144	Ft.
Wt. of String	16.000		Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.	2R	
Size	10¼	
Mfg.	REED	
Type	YT3-R	
Nozzle No.		
Nozzle Size		
Ser. No.	450292	
Depth Out	~~[illegible]~~	
Depth In	101	
Total Ftg.	43	
Total Hr. Run	5¾	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD		
Time	8	10
Weight	10.8	11.8
Visc.-Sec.	HEAVY	HEAVY
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	500		
WT mat	2000		

Driller:

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	144	½							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						RIG SERVICE
8:15	2:30	6¼						TRIP AND COND HOLE FOR RUNNING CASING
2:30								MIX WEIGHT MAT & SURVEY
2:30	3:30	1						RUN CASSING.
3:30	4:00	½						CIRC & WORK CASSING.

RAN 5 JOINTS (149') OF 8⅝ 24# J-55 STG CASING CEMENTED ON BTM. AT 144 K.B. WITH 200 SACKS PORTLAND NORMAL CEMENT PLUS 4% CACL. PLUG DOWN AT 5:00 PM MARCH 15, 1968 WITH 1100 PSI. HAD 10 BARRELS OF CEMENT RETURNS AT SURFACE. FLOAT COLLAR HELD PRESSURE OK.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
3	D.C. 2⅞ I.D. 6¼ O.D.	85.09	Ft.
	D.C. I.D. O.D.	11.35	Ft.
	Stb. Body O.D.	2.62	Ft.
	Stb. Body O.D.	2.70	Ft.
	Rmr. Body O.D.	2.95	Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	37.00	Ft.
	Total	144	Ft.
Wt. of String			Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD		
Bit No.		
Size		
Mfg.		
Type		
Nozzle No.		
Nozzle Size		
Ser. No.		
Depth Out		
Depth In		
Total Ftg.		
Total Hr. Run		
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD		
Time		
Weight		
Visc.-Sec.		
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Jack Wenzel

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:00	1						CEMENT CSG. & PUMP DOWN PLUG
5:00	10:00	5						CLEAN OUT CELLAR
10:00	12:00	2						CUT OFF CSG WELD ON BOWL

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No.	
No. of Lines	Size
Feet Slipped	
Feet Cut Off	
Present Length	
Ton Mi. or Trips Since Last Cut	
Cumulative Ton Mi. or Trips	
No. of Days From Spud	
Cumulative Rotating Hrs.	

№ 971

GUTHRIE McLAREN Drilling Co.

DAILY DRILLING REPORT

Lease / Well Name: PLACID CHEVRE TAI Hill D-50 D-50
Location — Lsd. 600 Sec. 501 Twp. 117 Rge. 100 W. M.
Date: March 14 1965

Weather Condition | Road Conditions | Nearest Town | Water - Source | Miles Hauled | Pumped | Camp Distance from Rig | Reason for Extra L. Plant

OPERATOR: Placid Oil Co.

Rig No. 4 | DWKS T12 | Drill Pipe String No. | Size | Tool Joint 5¾ O.D. | Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: A Ramirez

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C150B.	12
2.	C DENVER.	Fo FXO.	10
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming		3½	3¾
Conditioning Mud & Circulating	7¾	2	2¾
Trips		1½	
Lubricate Rig	¼		¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		1	1½
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 2 2/3 6¼ I.D. O.D.	57.85	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D. (Stock)	11.35	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.	2.62	Ft.
	Bit or C.B.	2.95	Ft.
	Kelly Down	26.33	Ft.
	Total	101	Ft.
Wt. of String		14000	Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease		111	Jts.

BIT RECORD

Bit No.	1	
Size	8¾	
Mfg.	EDECO	
Type	HAC	
Nozzle No.	3	
Nozzle Size	11/16	
Ser. No.	60981	
Depth Out		
Depth In	0	
Total Ftg.		
Total Hr. Run		
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
WtMat	45,000#		
Gel	3500		
Mil Squeeze	100		

Driller: L. Squeezey

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
101	142	41							6		6		
99	101	2											

Deviation Record: Depth 60 | Dev. ½° | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215							RIG SERVICE.
1215	245							MIX GEL & WEIGHT MAT.
245	330							CLEAN OUT HOLE HAD TO pull BACK up
330	400							GRAVEL CAVED IN ~~[illegible]~~
	800							MIX GEL & weight MATERIAL CIRC Hole.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. I.D. O.D.	57.85	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs DX O.D.	2.62	Ft.
	Bit or C.B.	2.95	Ft.
	Kelly Down	28.98	Ft.
	Total	92.	Ft.
Wt. of String			Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease		111	Jts.

BIT RECORD

Bit No.	1A	2A
Size	8¾	12¼
Mfg.	EDECO	SEC.
Type	MAC	S-3
Nozzle No.	3	
Nozzle Size	11/16	
Ser. No.	60981	908241
Depth Out		
Depth In	0	0
Total Ftg.	101	92
Total Hr. Run		3½
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Wt. Mat.	2900#		
Mil Squeeze	100#		
Gel	600#		

Driller: Bernie Lacek

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
7:00	11:00	2											
10:00	11:30	1½											
11:30	3:00	3½											
3:00	4:00	1											

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
7:00	11:00	2						Cond. Mud & Rig Service
10:00	11:30	1½						~~[illegible]~~ Pull Out of Hole & lay
								down Put 12¼ Bit on &
								Ream Rat Hole
3:00	4:00	1						Clean Gravel out of Pump No1 & No2
								Clean Shucker Tank

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. I.D. O.D.	57.85	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
1	Rmr. Body O.D. (Bell-S)	2.70	Ft.
1	Subs O.D. (10-S)	2.62	Ft.
1	Bit or C.B.	2.95	Ft.
	Kelly Down	32.88	Ft.
	Total	99.00	Ft.
Wt. of String		10,000	Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease		111	Jts.

BIT RECORD

Bit No.	2-A	
Size	12¼	
Mfg.	SEC	
Type	S-3	
Nozzle No.	Conv.	
Nozzle Size		
Ser. No.	908241	
Depth Out		
Depth In	0	
Total Ftg.	99	
Total Hr. Run	7¼	
Cond. of Bit	14	
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time	5:00	7:30	8:30
Weight	9.7	10.4	10.5
Visc.-Sec.	60	160	350
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1200#		
Wt. Mat.	2900#		

Driller: Jack Wenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
92	99	7	R	3		100	6	500	6"	65	6"		S

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig Serv.
4:15	5:00	¾						Clean Gravel out of Suctions on #1 & #2 Pump
5:00	7:45	2¾						Build Volume, Dis & add wt. material
7:45	10:00	2¼						Cleaning out Gravel in Hole & Reaming Rat Hole
10:00	10:30	½						Remove Gravel from #1 Pump
10:30	12:00	1½						Reaming Rat Hole

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No.	
No. of Lines	Size
Feet Slipped	
Feet Cut Off	
Present Length	
Ton Mi. or Trips Since Last Cut	
Cumulative Ton Mi. or Trips	
No. of Days From Spud	
Cumulative Rotating Hrs.	

№ 970

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: PLACID CHEV NE TRAILINA D50
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.: D-50 60°50' 117°00'
Date: MARCH 13 1963
Weather Condition: -15° - +20° MILD
Road Conditions: FAIR
Nearest Town: HAY RIVER
Water - Source: CREEK; Miles Hauled: 5; Pumped: ___
Camp Distance from Rig: 250 FT; Reason for Extra L. Plant: STANDBY

OPERATOR: PLACID OIL Co.

Rig No.	Drill Pipe String No.	Drill Pipe String Size	Tool Joint O.D.
4 DWKS T-12		4½	Type Thd.

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C1500	12
2.	G. DENVER	FO-F80	
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks

MORNING TOUR

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down	1½		
Drilling Actual	4¼		
Reaming			
Conditioning Mud & Circulating	1½	2¼	2
Trips			
Lubricate Rig		¼	
Deviation Survey	¼		
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		6½	6
Fishing	4	8	

COMPLETION WORK: A. Perforating; B. Tubing Trips; C. Swabbing; D. Testing; E. Additional

Totals: 8

TIME SUMMARY (Office Use Only): Day Work; Hrs. W/DP; Hrs. WO/DP; Hrs. Standby; Total Day Work

WIRE LINE RECORD: Reel No.; No. of Lines; Size; Feet Slipped; Feet Cut Off; Present Length; Ton Mi. or Trips Since Last Cut; Cumulative Ton Mi. or Trips; No. of Days From Spud; Cumulative Rotating Hrs.

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 2⅞ 6¼ I.D. O.D.	57.85	Ft.
	D.C. I.D. O.D.		Ft.
	Sth. Body O.D.		Ft.
	Sth. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs X O.D.	2.62	Ft.
	Bit or C.B. SWB	2.95	Ft.
	Kelly Down	40.00	Ft.
	Total	101	Ft.

Wt. of String: ___ Lbs.; Pipe in Hole: ___ Jts.; Pipe on Racks: ___ Jts.; Total Pipe on Lease: 111 Jts.

BIT RECORD

Bit No.	1
Size	8¾
Mfg.	EDECO
Type	MHC
Nozzle No.	3 4/16
Nozzle Size	
Ser. No.	60981
Depth Out	
Depth In	0
Total Ftg.	101
Total Hr. Run	4¼
Cond. of Bit	
Reamer No.	
Reamer Type	

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time	
Weight	
Visc.-Sec.	55
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	4200		
CAUSTIC	100		
LIME	50		

Driller: L. SWEEZEY

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'd-P Com'd-C
0	101	101	D			125	2-5	700	6	78	6		S

Deviation Record: Depth 60; Dev. ¼; Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
	12:00	2:30	2½					RIG UP MIX GEL
	2:30	6:45	4¼					DRILL 8¾ PILOT HOLE.
	6:45	8:00	1¼					TANKS FILL WITH WATER.
								THAW LOST SOME MUD IN FORMATION

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 2⅞ 6¼ I.D. O.D.	57.85	Ft.
	D.C. I.D. O.D.		Ft.
1	Sth. Shock Body O.D.	11.35	Ft.
	Sth. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs X O.D.	2.62	Ft.
	Bit or C.B.	2.95	Ft.
	Kelly Down	27.23	Ft.
	Total	101.	Ft.

Wt. of String: ___ Lbs.; Pipe in Hole: ___ Jts.; Pipe on Racks: ___ Jts.; Total Pipe on Lease: 111 Jts.

BIT RECORD

Bit No.	1
Size	8¾
Mfg.	EDECO
Type	MHC
Nozzle No.	3
Nozzle Size	11/16
Ser. No.	60981
Depth Out	
Depth In	0
Total Ftg.	101
Total Hr. Run	4¼
Cond. of Bit	
Reamer No.	
Reamer Type	

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	1900		
CAUSTIC	50		
WT MATERIAL	2200#		
SAWDUST	MAX		

Driller: Bernie Leach

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'd-P Com'd-C

Deviation Record: Depth; Dev.; Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						RIG SERVICE
8:15	9:00	3/4						CONDITIONING MUD TO STOP WATER FROM
9:00								COME UP FROM HOLE
9:00	3:00	5						WAIT ON WEIGHT MATERIAL
2:00	3:00	1						MIX WEIGHT MAT & STOPPED WATER FLOW
3:00	3:30	½						CLEAN GRAVEL OUT OF HOLE (LOSSING MUD)
3:30	4:00	½						MIX SAWDUST.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 2⅞ 6¼ I.D. O.D.	57.85	Ft.
	D.C. I.D. O.D.		Ft.
1	Sth. Shock Body O.D.	11.35	Ft.
	Sth. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs X O.D.	2.62	Ft.
1	Bit or C.B. SWB	2.95	Ft.
	Kelly Down	26.23	Ft.
	Total	101.00	Ft.

Wt. of String: 10,000 Lbs.; Pipe in Hole: — Jts.; Pipe on Racks: — Jts.; Total Pipe on Lease: 111 Jts.

BIT RECORD

Bit No.	1
Size	8¾
Mfg.	EDECO
Type	MHC
Nozzle No.	3 1/16
Nozzle Size	
Ser. No.	60981
Depth Out	
Depth In	0
Total Ftg.	101
Total Hr. Run	4¼
Cond. of Bit	
Reamer No.	
Reamer Type	

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time	5:00
Weight	9.3
Visc.-Sec.	90
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL-	2600#		
GELFLAKE	75#		
FIBERSEAL	50#		

Driller: Jack Wenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'd-P Com'd-C
101									6"		6"		S

Deviation Record: Depth; Dev.; Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:00	2						PUMP HEAVY MUD & SAWDUST DOWN HOLE
								TRY CLEAN OUT GRAVEL; LOSSING MUD & WATER
								START FLOWING
6:00	12:00	6						WAITING FOR GEL AND WT. MATERIAL

COST OF FORM

№ 969

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease Well Name: PLACID CHEV. N.E. ~~KATRED~~ FORT SIMA D-50
Location — Lsd. D-50 Sec. 60° 50' Twp. 117° 00' Rge. W. M.
Date: March 12 19

Weather Condition: -10° COLD | Road Conditions: ROUGH | Nearest Town: HAY RIVER | Water - Source: CREEK | Miles Hauled: 5 | Pumped | Camp Distance from Rig: 200 FT | Reason for Extra L. Plant: STANDBY

OPERATOR: PLACID OIL CO.

Rig No. 4 | DWKS T-12 | Drill Pipe String No. | Size 4½ | Tool Joint 5¾ O.D. | Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Clark

PUMPS			
No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C150	12
2.	C. DENVER	FO-FXD	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks

TIME DISTRIBUTION—HOURS	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals			

TIME SUMMARY (Office Use Only)			
Day Work			
Hrs. W/DF			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD	
Reel No.	
No. of Lines	Size
Feet Slipped	
Feet Cut Off	
Present Length	
Ton Mi. or Trips Since Last Cut	
Cumulative Ton Mi. or Trips	
No. of Days From Spud	
Cumulative Rotating Hrs.	

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			
	Stands D.P.	Ft.	Bit No.		Time			
	Singles D.P.	Ft.	Size		Weight			
	D.C. I.D. O.D.	Ft.	Mfg.		Visc.-Sec.			
			Type		W.L.-C.C.			
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.			
					PH			
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %			
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient			
	Rmr. Body O.D.	Ft.	Depth In					
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run		Type	Amt.	Type	Amt.
	Kelly Down	Ft.	Cond. of Bit					
	Total	Ft.	Reamer No.					
Wt. of String		Lbs.	Reamer Type					
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR					
Pipe on Racks		Jts.						
Total Pipe on Lease		Jts.			Driller			

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
								RIGGING up

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			
	Stands D.P.	Ft.	Bit No.		Time			
	Singles D.P.	Ft.	Size		Weight			
	D.C. I.D. O.D.	Ft.	Mfg.		Visc.-Sec.			
			Type		W.L.-C.C.			
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.			
					PH			
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %			
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient			
	Rmr. Body O.D.	Ft.	Depth In					
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run		Type	Amt.	Type	Amt.
	Kelly Down	Ft.	Cond. of Bit					
	Total	Ft.	Reamer No.					
Wt. of String		Lbs.	Reamer Type					
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR					
Pipe on Racks		Jts.						
Total Pipe on Lease		Jts.			Driller			

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
								RIGGING UP

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			
	Stands D.P.	Ft.	Bit No.		Time			
	Singles D.P.	Ft.	Size		Weight			
	D.C. I.D. O.D.	Ft.	Mfg.		Visc.-Sec.			
			Type		W.L.-C.C.			
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.			
					PH			
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %			
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient			
	Rmr. Body O.D.	Ft.	Depth In					
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run		Type	Amt.	Type	Amt.
	Kelly Down	Ft.	Cond. of Bit					
	Total	Ft.	Reamer No.					
Wt. of String		Lbs.	Reamer Type					
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR					
Pipe on Racks		Jts.						
Total Pipe on Lease		Jts.			Driller	Jack Wenger		

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Liner Size	S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
								RIGGING UP