



Drilling Authority No. 330
 Date Issued Nov. 25, 1968

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
 RESOURCE MANAGEMENT DIVISION

WELL COMPLETION DATA

To be submitted in duplicate within thirty days after the completion, rework, abandonment, recompletion or suspension of every well.

Well name and number MCD: GCO Northup Taylor Lake YT K-15
 Permit No. 2448 Lease No. N/A
 Northup Exploration Ltd. Exploratory Licence No. 1869
 (Permittee, Licensee, Lessee)
 J. Ray McDermott Canada, Ltd. Exploratory Licence No. 1102
 (Operator)

Location: Unit K Section 15 Grid 66°00', 133°00'
 Latitude 65°54'39" North Longitude 133°03'00" West
 From Established Reference Marker Shot Point #12, Shell Seismic Line #5-642
 Universal Well Location Reference Lat. 65.91083° N., Long. 133.05000° W.

	DATE	DEPTH	Pool(s)
Spudded.....	2/5/69	0'	Interval(s) open to production.....
Suspended.....			
Resumed Operations.....			
Finished Drilling.....	3/21/69	7804'	
Deepened.....			Elevation: Gr. 1525' K.B. 1538'
Complete (gas/oil).....	3/29/69	7804'	Rig No. I E
Abandoned.....	3/29/69	7804'	Drilling Contractor S & T Drilling
Rig released.....	3/29/69	7804'	Contractor's Business Licence No. Exempted

CASING RECORD

Casing Size (Inches)	Grade	Weight	Amount	Set at -	Sacks of Cement and Additives
1. 13-3/8"	J-55	48#/	120	111'	100 sax port. & 95 sax gyp seal
3. 9-5/8"	J-55	36#/	904	900'	160 sax port. & 3% CaCl ₂ & 270 sax fondue
5.					
6.					

ELEVATION

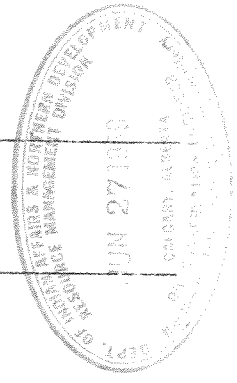
GEOLOGICAL TOPS	ELEVATION	
	Depths	Sub-Sea
Base of Drift	110'	+1428'
Devonian		
Imperial	3455'	-1917'
Canon Shale	4312'	-2774'
Hume Limestone	4452'	-2914'
Hume Shale	4800'	-3262'
Bear Rock	5000'	-3462'
Silur-Ordovician	6550'	-5012'

CORE RECORD

From	To	Rec.	From	To	Rec.	
						CORE RECORD
✓						No cores cut.

LOG RECORD

Run No.	Type of Log	From		To	
		From	To	From	To
1	BHC-SGR-C	901'	7799'	901'	7799'
1	Lnd. E.	905'	7800'	905'	7800'
1	Compensated Density	905'	7799'	905'	7799'
1	Continuous Dipmeter	905'	7798'	905'	7798'
1	Velocity Survey	901'	7799'	901'	7799'



CEMENTING RECORD (Plug, Squeeze, etc.)				PERFORATING RECORD (Bullet, Jet)				SERVICING RECORD (Ac.dizing, Fracing, etc.)			
D.	From	To	Remarks	Date	From	To	Remarks	Date	From	To	Remarks
Mar.27	7800'	7300'	250 sax		none				none		
Mar.27	5050'	4950'	50 sax. Felt at 4918' after 8.								
Mar.28	2550'	2450'	100 sax & 2% CaCl ₂ . Felt at 2460' after 8.								
Mar.29	1000'	800'	100 sax & 4% CaCl ₂ . Felt at 819' after 8. 10 sax cement 3 feet below ground level. Welded plate on top.								

DRILL STEM TESTS

No.	Date	Formation	From	To	V.O. Mins.	L.S.L. Mins.	F.S.L. Mins.	I.S.L.B.H.P.	F.S.L.B.H.P.	L.F.B.H.P.	F.F.B.H.P.	L.H.P.	F.H.P.	REMARKS
1	2/17/69	Cret. Sand	2393'	2418'	60	30	60	1029	1022	66	240	1093	1093	Recovered 100' watery mud, 400' muddy gassy fresh water
2	2/21/69	Cret. Sand	2824'	3003'	60	30	60	1203	1168	90	712	1320	1320	Recovered 330' mud, 1240' fresh water
3	3/11/69	Bear Rock	5880'	6076'	90	30	90	2196	2197	161	815	2825	2825	Recovered 450' water & mud, 1190' gassy salt water
4	3/26/69	Ordovician	7390'	7804'	90	30	90	2833	2826	143	414	3520	3504	Recovered 910' salt water cut mud
5	3/26/69	Bear Rock	5640'	5740'	60	30	60	2086	2081	101	570	2722	2684	Recovered 1270' salt water

ANALYSIS

Lab. No.	Sample	From	To	Source	Remarks
E69 9248-1	Water	2393'	2418'	DST #1	2.97 o-m at 68° benzine 0.03 ppm
E69 9249-1	Water	2824'	3003'	DST #2	Res. 2.86 at 68° F No benzine.
E69 9682-1	Water	5880'	6076'	DST #3	0.236 o-m at 68° No benzine.
CBH-2-4575-1	Water	7390'	7804'	DST #4	Res. 0.160 at 70°
CBH-2-4575-2	Water	5640'	5740'	DST #5	Res. 0.468 at 70°

PRESENT STATUS OF WELL

Oil	(Interval.)
Gas	(Interval.)
Dry	XX
Susp.	

Company J. Ray McDermott Canada, Ltd.
 Signed by..... *J. R. Britton*
 Title Divison Geologist
 Date June 26, 1969

Forms to be prepared in duplicate and forwarded to the Oil Conservation Engineer, Calgary, Alberta.