



DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

LAND 52-90 (2) (3-70)

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 **SOBC WM E. PORCUPINE YT I-13**
 Permit No. **3362** Lease No. **-**
Western Minerals Ltd. Exploratory Licence No. **1944**
 (Permittee, Licensee, Lessee)
Chevron Standard Limited Exploratory Licence No. **1913**
 (Operator)
 Location: Unit **I** Section **13** Grid **66° 10' N 137° 45' W**
 Latitude **66° 02' 35" N** Longitude **137° 46' 58" W**
 Unique well identifier **3001136610137450**
 Universal Well Location Reference **66.04305° N 137.78273° W**

	DATE	DEPTH	Pool(s)
Spudded	2-10-71	-	Interval(s) open to production
Suspended	-	-	
Resumed Operations	-	-	
Finished Drilling	4-19-71	8004	
Deepened	-	-	Elevation: Gr. 1645 K.B. 1665
Complete (gas/oil)	-	-	Rig No. 14
Abandoned	5- 2-71	T.B. -surface	Drilling Contractor General Petroleum
Rig released	5- 2-71	-	Contractor's Business Licence No.

CASING RECORD

Casing Size (Inches)	Grade	Weight	Amount	Set at -	Sacks of Cement and Additives
1. 13-3/8	J-55	54.5	813.77	798.86	1320 Sack + 3% CaCl ₂
2. 23" O.D. cond.			22'	22'	
3. 19" O.D. cond.			28'	50'	210 ax. permafrost
4.					
5.					
6.					

GEOLOGICAL TOPS	ELEVATION		CORE RECORD					
	Depths	Sub-Sea	From	To	Rec.	From	To	Rec.
Blackie S.S.	3629	-1963	3658	3717	57.3	<u>SIDEWALL CORES</u>		
Permo-Penn	5980	-4314	6002	6020	16.7	7842	1050	40 shots
Chance Sd. Equiv	7526	-5860	6020	6040	13.6	<u>CORE SLICES</u>		
Fault	7840	-6174	6130	6153	22.7	7836	7833	4"
T. D.	8004	-6338				7561	7558	36"

LOG RECORD

Run No.	Type of Log	From	To
<u>SURFACE HOLE</u>			
1	IES	787	70
1	BHC/SONIC/GR	779	70
1	MICROLOG CALIPER	786	70
<u>MAIN HOLE</u>			
2	BHC/SONIC/GR/CAL.	8001	797
1	SNP/GAMMA RAY/CAL.	7998	5800
		4000	3600
1	DUAL INDUCTION LAT.	7998	797
1	FDC/GAMMA RAY/CAL.	7998	5800
		4000	3600

Depth Determination for
Core Slicer
Velocity Survey

CEMENTING RECORD (Plug, Squeeze, etc.)			PERFORATING RECORD (Bullet, Jet)			SERVICING RECORD (Acidizing, Fracing, etc.)					
Date	From	To	Remarks	Date	From	To	Remarks	Date	From	To	Remarks
5-1-71	8004	7800	120 Sax + .4% Sperseene	None				None			
5-1-71	6100	5900	140 Sax + .4% Sperseene								
5-1-71	3800	3550	170 Sax. Felt @ 3500'								
5-2-71	2600	2450	100 Sax. Felt @ 2430'								
5-2-71	850	750	130 Sax + 3% CaCl ₂ . Felt @ 715'								
5-2-71			Surface 5 Sax Surface Plug but off casing, welded on plate and installed well sign								

DRILL STEM TESTS

No.	Date	Formation	From	To	V.O. Mins.	I.S.I. Mins.	F.S.I. Mins.	I.S.I.B.H.P.	F.S.I.B.H.P.	L.F.B.H.P.	F.F.B.H.P.	L.H.P.	F.H.P.	REMARKS
1.	4-3-71	Blackie	3620	3658	65	30	65	567	405	283	270	1779	1779	Recovered 455' of slightly vatory mud
2.	9-3-71	Cretaceous	3639	3813	60	30	90	1645	1524	1631	1618	1753	1753	Misrun
3.	10-3-71	Cretaceous	3629	3813	60	30	60	790	1099	386	924	1771	1771	Misrun
4.	22-4-71	Permo-Penn	5977	6053	5	30	30	-	-	360	-	3200	2880	Misrun
5.	25-4-71	Upper Miss.	7800	8004	90	30	120	1348	2386	70	120	4477	4376	G.T.S. 5 min. at 51 MCF/Day
6.	26-4-71	Cretaceous	2487	2565	120	30	120	645	947	342	665	1368	1308	Misrun
7.	28-4-71	Permo-Penn	5982	6060	120	30	120	2410	2334	462	1144	3892	3414	G.T.S. 10 mins. at 13 MCF/Day
8.	29-4-71	Cretaceous	2487	2565	90	30	90	1344	1330	750	1282	1393	1344	Misrun
9.	30-4-71	Cretaceous	2486	2548	120	30	120	955	1017	109	121	1393	1380	150 Feet Drilling Mud

ANALYSIS

Lab. No.	Sample	From	To	Source	Remarks	PRESENT STATUS OF WELL			
						Oil	N/A	Gas	Dry
921-1331	Gas	5962	6060	DST #7	Bottom				
C71-3085-1	Water	5962	6060	DST #7	57' recovered				
913-181	Core	3658	3718	COBE #1					
"	Gas	7800	8004	DST #5					
C71-3085-2	Water	2486	2548	DST #9					

Company **Chevron Standard Limited**

Signed by *[Signature]*

Title **Project Manager**

Date **May 15, 1971**

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