



CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

Drilling Authority No. 464

Date Issued December 7/70

LAND 52-90 (2) (9-70)

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 SHAEFFER CK YT 0-22

Permit No. 3324 Lease No. 1653

Western Minerals, Ltd. (Permittee, Licensee, Lessee) Exploratory Licence No. 1653

Chevron Standard Limited (Operator) Exploratory Licence No. 1639

Location: Unit 0 Section 22 Grid 66° 50' N 137° 15" W

Latitude 66° 41' 54" N Longitude 137° 19' 40" W

Unique well identifier 3000226650137150

Universal Well Location Reference 66.69833° N 137.32778° W

	DATE	DEPTH	Pool(s)
Spudded	1-12-71	-	Interval(s) open to production
Suspended	-	-	-
Resumed Operations	-	-	-
Finished Drilling	4-27-71	10,373	-
Deepened	-	10,374 - TD	Loggers Elevation: Gr. 1139 K.B. 1155
Complete (gas/oil)	-	-	Rig No. 15
Abandoned	-	-	Drilling Contractor General Petroleum
Rig released	5-9-71	-	Contractor's Business Licence No.

CASING RECORD

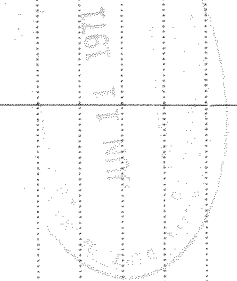
Casing Size (Inches)	Grade	Weight	Amount	Set at	Sacks of Cement and Additives
1. 13-3/8	J-55	54.5	1184.70'	1200.66'	1200 Sax Const. + 3% CaCl ₂
2.					108 Sax Permafrast and 90 sax const. + 3% CaCl ₂
3. Conductor Pipe	23" 19"			78' K.B.	
4.					
5.					
6.					

GEOLOGICAL TOPS

	ELEVATION		CORE RECORD			
	Depths	Sub-Sea	From	To	Rec.	To
Blackie SS.	503	+652	8910	8970	60'	8313
Cret. - Dev. Uncon	2025	-870	8971	9031	56.8'	1441
Pure Shale	6612	-5457	9033	9088	53.7'	8313
Middle Dev. Reef	8326	-7171	9090	9150	58.8'	43 Shots
T-D.	10,373	-9218				

LOG RECORD

Run No.	Type of Log	From	To
Surface	Hole		
1	I - ES	1197	50
1	Caliper	1198	Surface
1	Microlog Caliper	1195	50
1	F.D.C./GR.	1195	50
Main Hole			
1	Dual Induction Lat.	10368	1200
1	BHC/GR/Caliper	10372	1200
1	SNP	10373	8300
2	FDC	10373	8300
Surface	Casing		
1	Gamma Ray/Neutron	696	250
	Completion Record	480	76
	Velocity		



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
5-4-71	10300	10150	90 Sax + 0.4% R5	5-7-71	504	512	17 - 3-5/8" Schlumberger Uni-Gun 20.5 gram charges.				
5-5-71	8450	8300	90 Sax + .2% R5. Felt @ 8285'								
5-5-71	4250	4150	50 Sax + 2% CaCl ₂ . Felt @ 4155'								
5-5-71	3300	3200	50 Sax + 2% CaCl ₂ . Felt @ 3170'								
5-6-71	1250	1150	140 Sax + 2 1/2% CaCl ₂ . Felt @ 1155'								
5-8-71	580	470	100 Sax + 3% CaCl ₂ . Felt @ 448'								
5-9-71	5 Sax Surface Plug Welded on casing plate and installed well name and location 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.	I.F.B.H.P.	F.F.B.H.P.	I.H.P.	F.H.P.	REMARKS
1.	5-1-71	Middle Dev	9004	9068	120	60	120	2107	987	564	604	5266	5004	G.T.S. on V.O. at 10 MCF/day. Rec. 1030' gassy water cushion and 150' gassy mud.
2.	5-2-71	Middle Dev	8314	8417	120	60	120	738	-	517	640	4900	-	Test a misrun
3.	5-3-71	Middle Dev	8314	8420	180	60	180	1067	2190	49	74	4914	4813	G.T.S. in 4 mins. too small to measure Rec. 120' drilling mud.
4.	5-7-71	Blackie	504	512	-	-	-	-	-	-	-	-	-	Misrun - bridge plug slipped
5.	5-7-71	Blackie	504	512	120	30	120	218	152	180	161	256	256	Misrun - packer seat failure
6.	5-8-71	Blackie	504	512	360	-	180	-	161	228	161	237	228	Recovered 281' drilling mud
Field Pressures are reported														

ANALYSIS						PRESENT STATUS OF WELL			Company	
Lab. No.	Sample	From	To	Source	Remarks	Oil	(Interval.)		Chevron Standard Limited	
913-1114	Core	8971	9031	Core #2	Recovered 58 feet				Signed by <i>R. P. ...</i>	
913-1117	Core	9033	9088	Core #3	Recovered 54 feet				Title Project Manager	
921-1340	Gas	9004	9068	DST #1	Sample taken @ flareline	Gas (9004-9068)	(8314-8520)	(Interval.)	Date June 9/71	
921-1351	Gas	8314	8420	DST #3	Cylinder #C - 149				Forms to be prepared in duplicate and forwarded to the Oil Conservation Engineer, Calgary, Alberta.	
933-1600	Mud filtrate	8314	8521	DST #3	Mud recovered on test	Dry and abandoned				
						Susp.				