



Drilling Authority No. 125
Date Issued December 5, 1963.

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
RESOURCES 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 **SOCONY MOBIL WESTERN MINERALS BLACKIE #1 FT N-59**
 Permit No. **761** Lease No. **N/A**
WESTERN MINERALS LTD. Exploratory Licence No. **867**
 (Permittee, Licensee, Lessee)
SOCONY MOBIL OIL OF CANADA, LTD. Exploratory Licence No. **876**
 (Operator)
 Location: Unit **H** Section **59** Grid **N 66° 00'; W 137° 00'**
 Latitude **65° 58' 54.92"** Longitude **137° 11' 10.87"**
 From Established Reference Marker **TRIANGULATION STATIONS BLACKIE AND ALDER**

	DATE	DEPTH	Pool (s)
Spudded	Dec. 11/63		ALDER SAND 2116 - 2170'
Suspended	Mar. 27/64	6338'	Interval(s) open to production NONE
Resumed			
Finished Drilling	Mar. 25/64	6338'	
Deepened			Elevation: Gr. 1828.7
Complete (gas/oil)			K.B. 1844
Abandoned			Drilling Contractor & Rig No. SOC. MOB. RIG #4
Rig released	Mar. 27/64	6338'	Contractor's Licence No. N/A

CASING RECORD

Casing Size (Inches)	Weight	Amount	Set at --	Sacks of Cement	Method
1. 18	.250 Wall	75	75	84	Displace
2. 13 3/8	54.5 #/ft.	1105	1100	850	Double Plug
3. 7	23 #/ft.	6250	6256	600	Double Plug
4.					
5.					
6.					

GEOLOGICAL TOPS	ELEVATION		CORE RECORD					
	Depths	Sub-Sea	From	To	Rec.	From	To	Rec.
Cretaceous			1960	1980	20	6240	6250	10
Cody Creek	Surface	+1844	2115	2130	15	6292	6322.6	30.6
Blackie Sand	341	+1503	2132	2153.6	21.6	6322.6	6338	15
Shale	642	+1202	2154	2194	39.5			
Permian-Penn.			2357	2377	19.5			
Alder	1885	- 41	2962	2972	9.8			
Mississippian			3900	3910	10			
Parkin Creek	6250	-4406	5251	5259.5	7.1			

LOG RECORD

Run No.	Type of Log	From	To
1	Microlog Caliper	6258	1103
1	Sonic Gamma Ray	6250	1103
1	...	6257	1103

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
March 26/64	6338	6200	Used 40 sack cement + 1/2 gal to cover from total depth to 50 ft. above casing shoe.								

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.P.B.H.P.	I.H.P.	F.H.P.	REMARKS
1	Jan. 18/64	Alder	2102	2132	240	30	120	713	719	614	671	1071	1071	OTS timed. Increasing & stabilizing Rec. 120' mud.
2	Jan. 19/64	Alder	2132	2154	360	30	120	736	742	364	459	1103	1103	OTS timed. @ 887 Mcf/d incr. Rec. 120' mud.
3	Jan. 22/64	Alder	2154	2195	120	30	60	438	661	139	125	1098	1098	GIP OTS in 19 min. @ 88 Mcf/d Strong air blow OTS in 35 min.
4	Jan. 26/64	Alder	2350	2378	120	30	60	772	752	323	700	1192	1177	1750' (90' mud; 180' m w; 1480' Mstrum (tool plugged)
5	Jan. 27/64	Alder	2460	2490	120	30	60	864	838	109	457	1244	1244	Mstrum (tool failed to open)
6	Jan. 28/64	Alder	2460	2490	90	30	60	None	None	114	114	1245	1245	GIP fail to weak air blow. Rec. muddy fresh water. 140' v m; 8
7	Jan. 28/64	Alder	2458	2490	90	60	90	1791	851	401	790	2792	2769	WAB dled in 56 min. Rec. 40' m OTS in 42 min. @ 124 Mcf/d decr. Rec. 1850' sulphurous, gassy r
8	Mar. 5/64	Alder	5810	5850	90	30	60	None	None	114	114	3287	3278	
9	Mar. 26/64	Partin Cr. (M.S.S.)	6218	6338	90	60	90	1791	851	401	790	2792	2769	

Lab. No.	Sample	From	To	Source	Remarks	PRESENT STATUS OF WELL			
						Oil	Gas	Dry	Susp.
E23101	#2	2132	2154	DST #2	Gas				
F1809-1	#3	2350	2378	DST #4	Water				
F1809-2	#3	2458	2490	DST #7	Water				
F1794		2115	2130	Core #2	Full Diameter Core Study				
		2132	2154	Core #3					
		2154	2194	Core #4					
		2357	2377	Core #5					

Company: SOCIETY MOBIL OIL OF CANADA, LTD.
 Signed by: *[Signature]*
 Title: District Geologist
 Date: 4/29/64

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