



CANADA

Drilling Authority No. 143  
Date Issued November 27, 1964

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 **Socoxy Mobil Western Minerals Chance YT G-8**

Permit No. **3363** Lease No. **N/A**

**Western Minerals Ltd.** Exploratory Licence No. **896**  
(Permittee, Licensee, Lessee)

**Socoxy Mobil Oil of Canada, Ltd.** Exploratory Licence No. **906**  
(Operator)

Location: Unit **G** Section **8** Grid **N 66° 10'; W 137° 30'**

Latitude **66° 07' 18.1" N** Longitude **137° 30' 50.8" W.**

From Established Reference Marker **Suspended Oil Well**

	DATE	DEPTH	Pool (s) <b>Chance Sand</b>
Spudded	<b>Dec. 4/64</b>		Interval(s) open to production <b>4422 - 4456</b>
Suspended			<b>4393 - 4404</b>
Resumed			
Finished Drilling	<b>Feb. 15/65</b>	<b>5181.82 (Pipe Tally) 5183 (Schlumberger)</b>	
Deepened			Elevation: Gr. <b>1702</b>
Complete (gas/oil)	<b>Mar. 31/65</b>		<b>K.B. 1719.73</b> <span style="float: right;">1720.</span>
Abandoned			Drilling Contractor & Rig No. <b>Parker Rig #10</b>
Rig released	<b>Feb. 18/65</b>	<b>5181.82 (Pipe Tally) 5183 (Schlumberger)</b>	Licence No. <b>906</b>

Service

## CASING RECORD

Casing Size (Inches)	Weight	Amount	Set at—	Sacks of Cement	Method
1. <b>13-3/8" J-55</b>	<b>54.5#</b>	<b>4 jnts.</b>	<b>110' KB</b>	<b>90 / 3% CaCl<sub>2</sub></b>	<b>Displacement</b>
2. <b>9-5/8" J-55</b>	<b>36#</b>	<b>25 jnts.</b>	<b>810' KB</b>	<b>365 / 3% CaCl<sub>2</sub></b>	<b>Displacement</b>
3. <b>7" N-80</b>	<b>23#</b>	<b>157 jnts.</b>	<b>4914' KB</b>	<b>420 / 4% Gel</b>	<b>Displacement</b>
4.					
5.					
6.					

GEOLOGICAL TOPS	ELEVATION		CORE RECORD					
	Depths (logs) Sub-Sea		From	To	Rec.	From	To	Rec.
<b>Cretaceous:</b>			<b>2283</b>	<b>2324</b>	<b>41'</b>			
<b>Cody Creek Fm.</b>	<b>Surface</b>	<b>/1702</b>	<b>3613</b>	<b>3623</b>	<b>10'</b>			
<b>Blackie Member</b>	<b>2220</b>	<b>= 500</b>	<b>3930</b>	<b>3960</b>	<b>30'</b>			
<b>New formation</b>	<b>2522</b>	<b>= 802</b>	<b>4263</b>	<b>4273</b>	<b>9.7'</b>			
			<b>4397</b>	<b>4407</b>	<b>8.8'</b>			
			<b>4542</b>	<b>4562</b>	<b>19.5'</b>			
			<b>5020</b>	<b>5022</b>	<b>1.7'</b>			
<b>Permian-Penn:</b>								
<b>Alder Formation</b>	<b>3919</b>	<b>-2199</b>						
<b>Chance Zone</b>	<b>4220</b>	<b>-2500</b>						
<b>Chance Sand</b>	<b>4241</b>	<b>-2521</b>						
<b>Alder Limestone</b>	<b>4776</b>	<b>-3056</b>						

## LOG RECORD

Run No.	Type of Log	From	To

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
Mar. 16/65	At 4650		Johnston castiron Bridge	Mar. 12/65	4679	4686	1 Shot per foot	Mar. 13/65	4679	4655	Squeezed 250 gal MCF/day.
Mar. 22/65	At 4470		Plug w/2 sax cement on top	4668	4672	4661		Mar. 14/65	4679	4655	900 galls squeeze
Feb. 17/65	5181	4850	Johnston castiron Bridge	4659	4557	4540	1 Shot per foot	Mar. 17/65	4554	4474	Svabbed light 1
			Plug w/2 sax cement on top	4655	4540	4518		Mar. 18/65	4554	4474	Squeezed 9-1/2 bbls
			Plug #1 - 67 sax	4554	4489	4483		Mar. 25/65	4456	4393	Squeezed 675 gal
				4535	4481	4477		Mar. 28/65	4456	4393	Svabbed clean d
				4516	4474	4456					6 bbls 15% HCl-f
				4489	4422	4404					bbls/hr w/20 MCF
				4481	4333	4333					22 bbls. 15% HCl
				4474							
				4422							

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	Dec 20/64	Blackie Mbr.	2210	2260	270	30	30	753	720	271	428	1171	1117	GTS 2 mins. Mud spray 25 mins. mins. Rec. 2' mud 3-34 MCF
2	Dec 22/64	Blackie Mbr.	2270	2330	60	30	90	793	802	76	104	1173	1166	GTS 12 mins. TSTM. Rec. 180' mud
3	Jan 2/65	Alder fm.	3920	3960	60	30	120	584	829	101	134	2008	1974	Rec. 170' gcm
4	Jan 9/65	Chance Sand	4250	4262	60	30	120	2585	1138	92	102	2098	2096	GTS 54 mins. TSTM. Rec. 75' sul tool plugged.
5	Jan 11/65	Chance Sand	4230	4273	60	30	120	365 false	1340	87	103	2110	2086	GTS 7 mins. TSTM. Rec. 160' blk
6	Jan 15/65	Chance Sand	4375	4397	60	30	120	1868	1829	939	656	2183	2158	GTS 3 mins. TSTM. Rec. 1180' oil
7	Jan 15/65	Chance Sand	4273	4375	60	30	120	756	1101	75	75	2131	2093	Rec. 40' goc mud
8	Jan 17/65	Chance Sand	4397	4407	60	30	120	1899	1907	62	85	2203	2200	Misrun - unable to reach bottom
9	Jan 17/65	Chance Sand	4397	4417	60	30	120	1939	1928	428	616	2213	2194	GTS 32 mins. TSTM, Rec. 140' sl
10	Jan 20/65	Chance Sand	4413	4525	68	90	60							GTS 46 mins. Rec. 410' oil 100'

Lab. No.	Sample	From	To	Source	Remarks	PRESENT STATUS OF WELL
E 25341-1	Oil	4474	4557	Production test	Naphthenic	Oil <input checked="" type="checkbox"/>
E 25341-2	Oil	4393	4456	Production test	Naphthenic	Gas <input type="checkbox"/>
CNF-4-2674	Core	4263	4273	Core #4	Conventional Analysis	Acid Solubilities <input type="checkbox"/>
CNF-4-2674	Core	4397	4407	Core #5	Conventional Analysis	Dry <input type="checkbox"/>
CNF-4-2674	Core	4542	4562	Core #6	Conventional Analysis	Susp. <input checked="" type="checkbox"/>
CBH-2-WA-2978	Core	4397	4407	Core #5	Selective Acid Solubilities	
CBH-2-WA-2978	Core	4542	4562	Core #6	Selective Acid Solubilities	
F 2189-1	Water	850	4797	DST #14	Bloole Line Sample	
F 2189-2	Water	4708	4797	DST #14	2000' above tool	
F 2189-3	Water	4708	5022	DST #16	90' above tool	
F 2189-4	Water	4906	5022	DST #16	Top of tool	
F 2189-5	Water	5022	5047	DST #17	270' above tool	

Signed by: *Lucy M. W. C. ...*  
 Title: *Geologist*  
 Date: *Apr 3 / 1965*

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