



Drilling Authority No. 144
Date Issued December 8, 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 **Socony Mobil Western Minerals Ellen YT C-24**
 Permit No. **3332** Lease No. **N/A**
Western Minerals Exploratory Licence No. **896**
 (Permittee, Licensee, Lessee)
Socony Mobil Oil of Canada, Ltd. Exploratory Licence No. **906**
 (Operator)
 Location: Unit **C** Section **24** Grid **N 66° 40'**
66° 33' 8.87" Longitude **W 137° 45'**
137° 50' 8.15"
 From Established Reference Marker

	DATE	DEPTH	Pool (s)	None
Spudded	Dec 25/64		Interval(s) open to production	None
Suspended				
Resumed				
Finished Drilling	Mar 30/65	7134'		
Deepened			Elevation: Gr.	1345
Complete (gas/oil)			K.B.	1360
Abandoned	Apr 3/65		Drilling Contractor & Rig No.	Socony Rig 4
Rig released	Apr 3/65	7134'	Contractor's Licence No.	

CASING RECORD

	Casing Size (Inches)	Weight	Amount	Set at---	Sacks of Cement	Method
1.	18"	47.4#	4 joints	101' KB	145 / 400#	CaCl₂ Displaced
2.	13 3/8" J-55	54.5#	24 joints	780' KB	650 / 3#	CaCl₂ Displaced
3.						
4.						
5.						
6.						

GEOLOGICAL TOPS	ELEVATION		CORE RECORD					
	Depth	Sub-Sea	From	To	Rec.	From	To	Rec.
Cretaceous			3065	3074	3.5			
Cody Creek Fm.	Surface	/1345	4212	4221	9.0			
Blackie mbr.	2366	-1006	4852	4867	14.5			
New Shale	2683	-1323	5225	5235	10			
U. Devonian	4822	-3462	5451	5460	9			
			5460	5469	9			
			5983	5992	8.5			
			6261	6276	15			
			6646	6656	10			
			7120	7129	8.5			

LOG RECORD

Run No.	Type of Log	From	To
1	IES	7132	778
1	BHCSGR-C	7131	778
1	ML-C	7132	778
1	CDM	7132	4000
1	SRS	7120	500

CEMENTING RECORD (Plug, Squeeze, etc.)

PERFORATING RECORD (Bullet, Jet)

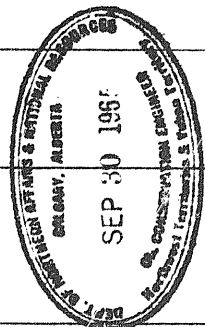
SERVICING RECORD (Acidizing, Fracing, etc.)

Date	From	To	Remarks	Date	From	To	Remarks	Date	From	To	Remarks
April 2/65	4870	4785	#1: 57 sax / 3% CaCl ₂	Jan 14/65	1511	1584	None	Jan 14/65	1511	1584	Tetrakis squeeze at seal off formation. Used Johnston packer.
April 13/65	2420	2305	#2: 75 sax / 3% CaCl ₂								
April 13/65	830	705	#3: 90 sax / 3% CaCl ₂								
April 3/65	at surface		#4: 5 sax, weld on plate								

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.P.B.H.P.	F.F.B.H.P.	I.H.P.	F.H.P.	REMARKS
1	22-1-65	Blackie mbr	2369	2449	70	30	90	2376	294	195	195	2357	2357	Misrun. Seat failure.
2	24-1-65	Blackie mbr	2374	2404	63	30	75	1972	No pressures	Recorded	302	2538	2526	Misrun. Seat failure.
3	30-1-65	Mississippian	4519	4900	30	30	75		480					WAB, dying in 20 min, Rec 405' m, Rec. 700' m
4	2-2-65	Upper Dev.	4826	5021	30	30	120							Rec. 530' m, v sl gassified
5	4-2-65	Upper Dev.	4948	5469	30	60	120							Misrun: Tool plugged.
6	13-2-65	Upper Dev.	5410	5501	30	32	60	192	151	126	123	2852	2838	Misrun: Unable to reach bottom
7	15-2-65	Upper Dev.	5410	5501	30	60	120	121	108	80	82	3310	3274	GIP, WAB died in 10 min. Rec. 230' m, WAB, Rec. 15' of sl gas out m.
8	16-2-65	Upper Dev.	5410	5501	30	60	120							
9	1-3-65	Upper Dev.	6190	6276	30	30	120							

Lab. No.	Sample	From	To	Source	Remarks	PRESENT STATUS OF WELL							
E 25611	Water	1540'		Blockie Line	formation fluid.	Oil	Gas	Dry	Susp				



Company: Socony Mobil Oil of Canada, Ltd.
 Signed by: [Signature]
 Title: District Exploration geologist
 Date: September 29, 1965.

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