

## NEW MEXICO OIL CONSERVATION COMMISSION.

Santa Fe, New Mexico

HOBBS, N.M., N.C.C.

## WELL RECORD

JAN 21 1964

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	


Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE If State Land submit 6 Copies

Socony Mobil Oil Company, Inc.

(Company or Operator)

State Bridges

AREA 640 ACRES  
LOCATE WELL CORRECTLY.

(Lease)

Well No. 98, in NW 1/4 of SE 1/4, of Sec. 26, T. 17S, R. 34E, NMPM.

Undesignated

Pool, Lea

County.

Well is 1780 feet from East line and 1980 feet from South line

of Section 26. If State Land the Oil and Gas Lease No. is B-1520

Drilling Commenced 8-23, 1963. Drilling was Completed 11-5, 1963

Name of Drilling Contractor Leatherwood Drilling Co.

Address

Elevation above sea level at Top of Tubing Head 4017

The information given is to be kept confidential until

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## OIL SANDS OR ZONES

No. 1, from 9,995 to 10,119 No. 4, from to

No. 2, from 11,460 to 11,500 No. 5, from to

No. 3, from to No. 6, from to

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"		New	362	-	-	-	Surface String
10-3/4"		New	4,400	-	-	-	Intermediate String
4-1/2"		New	10,217	-	-	9,995 - 10,119	Production String
2-7/8"		New	11,657	-	-	11,460 - 11,500	Production String
2-7/8"		New	11,657	-	-	Squeezed	Production String

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8"	362	350	Pump & Plug	-	-
12-1/4"	10-3/4"	4,400	1,732	Pump & Plug	-	-
9-5/8"	4-1/2"	10,217	4,275	Pump & Plug	-	-
9-5/8"	2-7/8"	11,657	-	-	-	-
9-5/8"	2-7/8"	11,657	-	-	-	-

## RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

See Acidizing Section

Result of Production Stimulation

Depth Cleaned Out

# RECORD OF DRILL-STEM AND SPECIAL

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If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

## TOOLS USED

Rotary tools were used from 0 feet to 11,660 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

Penn 12-15 PRODUCTION  
Put to Producing Wolfcamp 11-17 1963

OIL WELL: The production during the first 24 hours was See Attached Sheets barrels of liquid of which % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity.

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

### Southeastern New Mexico

### Northwestern New Mexico

T. Anhy. 1,542	T. Devonian.	T. Ojo Alamo.
T. Salt. 1,725	T. Silurian.	T. Kirtland-Fruitland.
B. Salt. 2,682	T. Montoya.	T. Farmington.
T. Yates. 2,834	T. Simpson.	T. Pictured Cliffs.
T. 7 Rivers.	T. McKee.	T. Menefee.
T. Queen. 3,755	T. Ellenburger.	T. Point Lookout.
T. Grayburg.	T. Gr. Wash.	T. Mancos.
T. San Andres. 4,432	T. Granite.	T. Dakota.
T. Glorietta. 5,924	T.	T. Morrison.
T. Yeso. 6,028	T.	T. Penn.
T. <del>Wolfcamp</del> 7,284	T.	T.
T. Abo. 7,967	T.	T.
T. Wolfcamp 9,345	T.	T.
T. Penn 10,122	T.	T.
T. Miss. 11,593	T.	T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	362	362	Surface Rock, Red Bed				
362	1600	1238	Red Bed				
1600	1665	65	Anhydrite				
1665	2937	1272	Salt w/Anhydrite Streaks				
2937	3903	966	Anhydrite & Lime				
3903	4778	875	Lime				
4778	6460	1682	Lime & Sand				
6460	7923	1463	Lime				
7923	8015	92	Lime & Chert				
8015	8118	103	Lime				
8118	8241	123	Lime & Shale				
8241	8330	89	Lime				
8330	9441	1111	Lime & Shale				
9441	9600	159	Lime				
9600	11017	1417	Lime & Shale				
11017	11121	104	Lime				
11121	11176	55	Lime & Shale				
11176	11244	68	Lime, Sand & Shale				
11244	11316	72	Lime				
11316	11641	325	Lime & Shale				
11641	11660	19	Lime & Chert				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

January 17, 1964

Company or Operator. Socony Mobil Oil Company, Inc. Address P. O. Box 1800, Hobbs, New Mexico 88240  
Name. J. J. McDaniel Position or Title. Group Supervisor

## SUMMARY OF OPERATIONS

8/23/63 Commenced drilling operations @ 2 p. m. (Spud date)  
8/24/63 Set 362' of 13-3/8" surface casing.  
8/25/63 Tested 13-3/8" casing w/1000# for 30 mins.  
9/3/63 Set 4400' of 10-3/4" casing.  
9/4/63 Tested 10-3/4" casing w/1500# for 30 mins.  
10/4/63 DST #1 9240-9340'.  
10/24/63 DST #2 11,230-11,264'.  
10/27/63 DST #3 11,360-11,453'.  
10/27/63 DST #3 11,358-11,453'.  
10/31/63 DST #3 11,452-11,528'.  
11/3/63 Schlumberger ran proximity log 6000-11,657'.  
11/3/63 Schlumberger ran Microlog 6000-11,659'.  
11/3/63 Schlumberger ran Sonic-GR Log 100-11,653'.  
11/5/63 Set 11,657' of 2-7/8" production casing.  
11/6/63 Set 11,657' of 2-7/8" production casing.  
11/6/63 Set 10,217' of 4-1/2" production casing.  
11/7/63 Released Leatherwood Drlg. Co. rig.  
11/11/63 Move in & rig up Expert Well Service Unit.  
11/11/63 Tested 2 strings of 2-7/8" and 4-1/2" casing w/3000# for 30 mins.  
11/12/63 Schlumberger ran correlation Log 5900-11,579'.  
11/12/63 Schlumberger perf. 4-1/2" casing w/2 holes @ 10,124', and  
2 holes @ 9975'. Ran RTTS tool to 10,100'. Howco pressured  
both strings of 2-7/8" csg. to 4000#. Pump through perf.  
@ 10,124' in 4-1/2" csg. back to 9975' w/1 BPM @ 3000#.  
11/13/63 Re-set pkr. @ 9890', pump into form 1 1/2 BPM @ 5900#. Howco  
squeeze perfs. w/100 sx. trinity inferno cement. 40 sx. in  
form. Max. Pr. 6500#, reverse 55 sx.  
11/14/63 Drilled out cement 9895-10,150' in 8 hrs.  
11/15/63 Tested perfs. w/6000# for 30 Mins.  
11/17/63 Schlumberger perf. 4-1/2" casing in Wolfcamp form. 9995-10,119'  
w/1 JSPF.  
11/17/63 Set pkr. @ 9982' on 2" tbg. Swb 30 BLW. Csg. on Vac. Re-set  
pkr. 9952'. Swab 103 BNO + 50 BLW in 20 hrs.  
11/18/63 Western Co. acidized perfs. 9995-10,119'. Swab & flow 41 BLO  
+ 168 BNO + 40 BAW in 21 hrs. Set plug in tbg., re-set  
RTTS @ 9921', landed Wolfcamp tbg.  
11/19/63 Schlumberger perf. Abo csg. @ 9212' w/2 holes and @ 9332'  
w/2 holes. Halliburton squeeze down 2-7/8" csg. w/50 sx.  
Trinity Inferno. Pump in @ 5300# w/1 BPM. Max. Pr. 6700#.  
11/21/63 Drilled cement 8886-9353, ran bit to 11,580'. Tested Abo  
casing w/3000# for 30 mins.  
11/22/63 Schlumberger perf. 2-7/8" csg. in Abo formation 9231-9318'  
w/1 JSPF. Swab 54 BLW in 5 hrs. Swab dry 2 hrs.  
11/23/63 Western Co. acidized perfs. 9231-9318'.  
11/24/63 Swab 52 BLO + 24 BAW + 106 Bbl. drlg. mud in 18 hrs.  
11/24/63 Halliburton squeezed down 2-7/8" csg. w/50 sx. Trinity  
Inferno Neat cement. Pr. 2900-7000#. 35 sx. in formation.  
WOC 15 hrs.  
11/25/63 Drill out cement 8514-8960'. Twisted off. Fished & recovered  
bit in 37 hrs.  
11/29/63 Drilled out cement 8960-9335'. Ran bit to 11,580'. Tested  
Abo 2-7/8" csg. w/6000# for 30 mins.  
11/31/63 Schlumberger re-perf. Abo csg. 9231-9318'. Swab 57 BLW in  
4 hrs. Swab dry 3 hrs.  
12/1/63 Western Co. acidized perfs. 9231-9318'. Swab 54 BLO +  
6 BNO + 24 BAW + 45 BSW in 23 hrs.  
12/2/63 Howco squeezed perfs. 9231-9318 w/25 sx. Trinity Inferno  
cement. Max. Pr. 6000#.  
12/3/63 Schlumberger ran correlation log 5800-7000' in 2nd string  
of 2-7/8" csg., Tagged bottom @ 8835'.  
12/3/63 Schlumberger perf. 2-7/8" csg. @ 6850'. Howco attempt to  
pump in @ 3000#, bled to 1600# in 5 mins. Perf. 2-7/8" csg.  
in Blinbry zone 6619-6786' w/1 JSPF. Swab 40 BLW + 296 BSW  
in 16 hrs.  
12/5/63 Schlumberger set Baker CI retainer @ 6600' in 2-7/8" csg.  
Attempt to squeeze perfs. 6619-6786 w/250 sx. Trinity Inferno  
Neat cement. Max. Pr. 5000-3500#. WOC 11-1/2 hrs. Re-squeezed  
perfs. w/300 sx. Trinity Inferno Neat. Max. Pr. 6000#. Rev.  
out 10 sx. WOC 9-1/2 hrs.