

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

U.S. O. C.

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form O-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 5 Copies

AREA OF LAND LOCATE WELL CORRECTLY

Socony Mobil Oil Company, Inc.

(Company or Operator)

State "NM"

(Lease)

Well No. 14, in NE 1/4 of NW 1/4, of Sec. 34, T. 17S, R. 35E, NMPM.

Undesignated Pool, Lea County.

Well is 1650 feet from West line and 330 feet from North line

of Section 34. If State Land the Oil and Gas Lease No. is B-2273

Drilling Commenced 5/17, 1964 Drilling was Completed 5/29, 1964

Name of Drilling Contractor Lee Drilling Company

Address Box 1431, Odessa, Texas

Elevation above sea level at Top of Tubing Head 3950. The information given is to be kept confidential until

19

OIL SANDS OR TONES

No. 1, from 6104 to 6120 No. 4, from to

No. 2, from to 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 None 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 JOBS	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	24#	New	1612'	-	-	-	Surface String
4-1/2"	9.5#	New	6300'	-	-	6104 - 6120	Production String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	1612'	850	Pump & Plug	-	-
7-7/8"	4-1/2"	6300'	2238	Pump & Plug	-	-

RECORD OF PRODUCTION AND STIMULATION

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

Result of Production Stimulation

Depth Cleaned Out

ED OF DRILL-STEM AND SPECIAL TES

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 6300 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 6/7, 1964

OIL WELL: The production during the first 24 hours was 220 barrels of liquid of which 100 % was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I. Gravity 41.0 @60

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. 1584	T. Devonian.	T. Ojo Alamo.
T. Salt. 1720	T. Silurian.	T. Kirtland-Fruitland.
B. Salt. 2690	T. Montoya.	T. Farmington.
T. Yates. 2870	T. Simpson.	T. Pictured Cliffs.
T. 7 Rivers.	T. McKee.	T. Menefee.
T. Queen. 3707	T. Ellenburger.	T. Point Lookout.
T. Grayburg.	T. Gr. Wash.	T. Mancos.
T. San Andres. 4330	T. Granite.	T. Dakota.
T. Glorieta. 6013	T.	T. Morrison.
T. Yeso 6102	T.	T. Penn.
T. Tubbs.	T.	T.
T. Abo.	T.	T.
T. Penn.	T.	T.
T. Miss.	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1212	1212	Red Bed				
1212	1831	619	Anhydrite				
1831	2300	669	Salt				
2300	3304	804	Salt & Anhydrite				
3304	4606	1302	Lime				
4606	5502	896	Lime & Sand				
5502	5639	137	Lime				
5639	5685	46	Lime & Sand				
5685	6300	615	Lime				

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.

June 17, 1964

(Date)

Company or Operator Socorro Mobil Oil Co., Inc.

Address Box 1800, Hobbs, New Mexico

Name

Position or Title Group Supervisor

SUMMARY OF OPERATIONS

5-17-64 Lee Drilling Co. commenced drilling operations @ 5:00 P.M.
 5-19-64 Set 1612' of 8-5/8" surface casing.
 5-20-64 Tested 8-5/8" casing w/1000# for 30 mins.
 5-30-64 PGAC ran Acoustic-Gamma-Caliper log 100 - 6294'
 5-30-64 PGAC ran Laterolog 3200-6294'
 5-31-64 Set 6300' of 4-1/2" production casing
 6-1-64 Moved out rotary tools.
 6-1-64 Moved in & rigged up Expert Well Service unit
 6-5-64 Drilled out cement in 4-1/2" csg 330-6208 in 86 hours.
 6-5-64 Tested 4-1/2" casing w/2000# for 30 mins.
 6-5-64 Lane Wells ran Gr-Collar Log 4200-6208'
 6-6-64 Lane Wells ran Density Log surface to 6208', top cement @ 1485'.
 6-7-64 Lane Wells perf 4-1/2" casing 6104-6120 w/1JSPF
 Swab 23 BLO in 3 hrs. Swab dry 3 hrs.
 6-7-64 Cardinal Chemical Co. acidized perfs. 6104-6120 w/1000 gals 15% NE Acid, released Expert Well Service unit.
 6-8-64 On MNOCC potential test flowed 220 BNO in 24 hrs.
 14/64" ch. TP 320#, cp pkr. GOR 614, Gty 41.0 @ 60°

PERFORATIONS

ZONE	DEPTH	SIZE	KIND
Glorieta	6104	1/2"	Jet
	6108	1/2"	"
	6112	1/2"	"
	6116	1/2"	"
	6120	1/2"	"

ACIDIZING RECORD

6-7-64 Cardinal Chemical Co. acidized perfs. 6104-6120 w/1000 gals 15% acid. Let set 7 hrs. Brk down pr. 4600#. Treating pr. 4600-2000#. Rate 1.1 BPM ISIP 800#. Swab & flow 25 BLO + 107 BNO + BAW in 8 hrs.
 TPO - 320#.

CORE RECORD

None

DRILL STEM TESTS

None