


AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

MUSKOGEE OFFICE D. C. C.  
Santa Fe, New Mexico

AUG 3 8 12 AM '64

WELL RECORD

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. State "M"  
(Company or Operator) (Lease)

Well No. 15, in SW 1/4 of NW 1/4, of Sec. 34, T. 17 S, R. 35 E, NMPM.  
Vacuum Glorieta Pool, Lea County.

Well is 380 feet from West line and 1980 feet from North line  
of Section 34. If State Land the Oil and Gas Lease No. is B-2273

Drilling Commenced 6/11, 1964. Drilling was Completed, 19.

Name of Drilling Contractor Lee Drilling Company

Address P. O. Box 1431, Odessa, Texas 79760

Elevation above sea level at Top of Tubing Head 3940. The information given is to be kept confidential until  
---, 19.

OIL SANDS OR ZONES

No. 1, from 6122 to 6165 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 SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	24#	New	1608'	-	-	-	Surface String
4-1/2"	9.5#	New	6300'	-	-	6122 - 6165	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
12 1/4	3-5/8"	1608'	900	Pump & Plug	-	-
7 7/8	4-1/2"	6300'	2060	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

RECORD OF DRILL-STEM AND SPECIAL TESTS

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 7/1, 1964.  
OIL WELL: The production during the first 24 hours was 318 barrels of liquid of which 80% was oil; % was emulsion; 20% water; and % was sediment. A.P.I. Gravity 36.9  
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.	1557	T. Devonian	T. Ojo Alamo
T. Salt	1685	T. Silurian	T. Kirtland-Fruitland
B. Salt	2692	T. Montoya	T. Farmington
T. Yates	2868	T. Simpson	T. Pictured Cliffs
T. 7 Rivers		T. McKee	T. Menefee
T. Queen	3724	T. Ellenburger	T. Point Lookout
T. Grayburg		T. Gr. Wash.	T. Mancos
T. San Andres	4383	T. Granite	T. Dakota
T. Glorieta	6004	T.	T. Morrison
T. Drinkard		T.	T. Penn.
T. Yeso	6094	T.	T.
T. Miss.		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	480	480	Surface & Red Bed				
480	1418	938	Red Bed				
1418	2391	973	Anhydrite				
2391	3200	809	Salt & Anhydrite				
3200	3385	185	Anhydrite				
3385	6300	2915	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.

July 29, 1964  
(Date)

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

Page #1

6/11/64 Lee Drilling Co. commenced drilling operations @ 10 p. m.  
6/13/64 Set 1608' of 8-5/8" casing.  
6/14/64 Tested 8-5/8" casing w/1000# for 30 mins.  
6/21/64 Lost 100% circ. @ 4784' for 7-3/4 hrs.  
6/27/64 PGAC ran Acoustic-Gamma-Caliper Log 200-6284'.  
6/27/64 PGAC ran Laterolog 1606-6284'.  
6/28/64 Set 6300' of 4-1/2" casing.  
7/1/64 Tested 4-1/2" casing w/1500# for 30 mins.  
7/1/64 Schlumberger perf. 4-1/2" csg. 6122-6165 w/1 JSPF.  
7/1/64 Ran 2" tbg. to 6076', SN 6075 pkr. 6003'. Swab 25 BLO + 5 BNO in 2 hrs.  
Swab dry 2 hrs.  
7/1/64 BJ Service acidized perfs. 6122-6165 w/4000 gals. 15% NE Acid + 14 RCN  
ball sealers.  
7/5/64 Pulled tbg. & pkr. Ran tbg. to 6162', tbg. perfs. 6128-6131, SN 6127.  
Wait on pump unit 216 hrs.  
7/15/64 Ran rods & pump.  
7/17/64 On NMOCC potential test pumped 255 BNO + 63 BSW in 24 hrs. GOR 172,  
Gty. 36.9 @ 60°. Pumps 13-72" SPM.

## PERFORATIONS

<u>Zone</u>	<u>Depth</u>	<u>Size</u>	<u>Kind</u>	<u>Remarks</u>
Glorieta	6122	1/2"	Jet	
"	6124	"	"	
"	6126	"	"	
"	6134	"	"	
"	6136	"	"	
"	6139	"	"	
"	6143	"	"	
"	6147	"	"	
"	6149	"	"	
"	6151	"	"	
"	6157	"	"	
"	6159	"	"	
"	6161	"	"	
"	6163	"	"	
"	6165	"	"	

## CORE RECORD

None

## DRILL STEM TESTS

None

## ACIDIZING RECORD

7/1/64 BJ Service acidized perfs. 6122-6165 w/4000 gals. 15% NE Acid + 14 RCN  
ball sealers. Brkdwn. pr. 2700#, Trt. pr. 4000-3600#, Rate 5 BPM. ISIP  
2300#. Swab 26 BLO + 230 BNO + 96 BAW + 20 BSW in 36 hrs.