

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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FILE	
U.S.S.R.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

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

AREA 640 ACRES
LOCATE WELL CORRECTLYSocony Mobil Oil Company, Inc.
(Company or Operator)

State "p"

(Lease)

Well No. 7, in SE 1/4 of SE 1/4, of Sec. 22, T. 17S, R. 35E, NMPM.
Undesignated Pool, Lea County.

Well is 660 feet from East line and 330 feet from South line
of Section 22. If State Land the Oil and Gas Lease No. is B-2735

Drilling Commenced 5/26, 1964 Drilling was Completed 6/15, 1964

Name of Drilling Contractor Lee Drilling Company

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

Elevation above sea level at Top of Tubing Head 3930
The information given is to be kept confidential until
19

OIL SANDS OR ZONES

No. 1, from 6105 to 6159 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	1595	-	-	-	Surface String
4-1/2"	9.5#	New	6300	-	-	6105 - 6159	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"	8-5/8"	1595	900	Pump & Plug	-	-
7-7/8"	4-1/2"	6300	1600	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 6300 feet to 6300 feet.
Cable tools were used from 0 feet to 6300 feet, and from 6300 feet to 6300 feet.

PRODUCTION

Temporarily Abandoned
Put to Producing 8/28, 19. 64.

OIL WELL: The production during the first 24 hours was 8 barrels of liquid of which 50% was oil; 0% was emulsion; 50% water; and 0% was sediment. A.P.I. Gravity 36.1

GAS WELL: The production during the first 24 hours was 0 M.C.F. plus 0 barrels of liquid Hydrocarbon. Shut in Pressure 0 lbs.

Length of Time Shut in 0

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

Southeastern New Mexico

Northwestern New Mexico

T. Anhy. 1666	T. Devonian	T. Ojo Alamo
T. Salt 1775	T. Silurian	T. Kirtland-Fruitland
B. Salt 2750	T. Montoya	T. Farmington
T. Yates 2944	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen 3783	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres 4424	T. Granite	T. Dakota
T. Glorieta 6020	T.	T. Morrison
T. Drinkard	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	777	777	Red Bed				
777	1675	898	Anhydrite				
1675	2570	895	Salt				
2570	2836	266	Salt & Anhydrite				
2836	3162	326	Anhydrite & Lime				
3162	3741	579	Lime				
3741	3959	218	Lime & Shale				
3959	6300	2341	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.

September 17, 1964

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

SUMMARY OF OPERATIONS

Page 1
SEP 21 7 50 AM '64

5/26/64 Commenced drilling operations @ 1:00 p. m. (Spud Date)
5/28/64 Set 1595' of 8-5/8" Surface csg.
5/29/64 Tested 1595' of 8-5/8" surface csg. w/1000# for 30 mins.
6/ 9/64 Fished & recovered 27 drill collars & bit in 72 hrs.
6/15/64 Schlumberger ran Gamma Ray-Sonic Log 0-6293'
6/15/64 Schlumberger ran Laterolog 2700-6295'
6/16/64 Set 6300' of 4-1/2" Production csg.
6/17/64 Moved out rotary tools.
6/19/64 Moved in & rigged up Lohmann Well Service Unit.
6/19/64 Tested 6300' of 4-1/2" csg. w/1500# for 30 mins.
6/19/64 Frontier ran G-R Correl. Log 4100-6214'.
6/19/64 Ran 2" tbg. to 6063', SN 6063, Guib. pkr. @ 5995'. Perf (Glorieta)
4-1/2" csg. 6105, 06, 07, 13, 17, 19, 21 w/1 JSPF. Swab 24 BLO
in 3 hrs. Swab dry 4 hrs.
6/21/64 Chemical Engineering Co. acidized perfs. 6105-6121 w/1000 gal. 15%
NE Acid.
6/22/64 Wilson acidized perfs. 6105-6121 w/2000 gal. 15% acid + 7 RCN Ball
Sealers. Swab 25 BLO + 48 BAW in 2 hrs. Swab dry 1 hr. SI 12 hrs.
Swab 1 BAW 1 hr. Swab dry 5 hrs.
6/23/64 Frontier perf. 4-1/2" csg. 6138-6159 w/1 JSPF. Swab dry 3 hrs.
6/23/64 Cardinal Chemical Co. acidized perfs. 6105-6159 w/1000 gal. 15%
Acid + 10 RCN ball sealers. Swab 25 BLO in 1-1/2 hrs. Swab dry
1 hr. SI 10-1/2 hrs. Swab 1 BAW 1 hr. Swab dry 4 hrs. SI 19 hrs.
6/25/64 Pulled tbg. Ran Baker full bore pkr. on 2-7/8" tbg. Set @ 150'.
BJ sand oil frac perfs. 6105-6159 w/15,000 gal. oil + 45,000#
20-40 sand + 1/40#/gal. Addomite + 24 RCN ball sealers. SI 18 hrs.
6/26/64 Bled 51 BLO in 12 hrs. Pulled tbg. & pkr. Ran 3" sand pump to
6245'. Ran 2" tbg. to 6139 tbg. perf. 6120-23, SN 6119'. Swab
122 BLO + 4 BAW in 16 hrs. SI 12 hrs. Swab 28 BLO + 6 BAW in 17 hrs.
6/29/64 Released Lohmann Well Service Unit 10:00 a. m.
6/30/64 Installed pump unit & ran rods & pump. Pumped 221 BLO + 18 BAW in
264 hrs.
7/14/64 Shut in 24 hrs.
7/15/64 Pump 121 BLO + 71 BSW in 222 hrs.
8/16/64 Shut in 72 hrs.
8/19/64 Pumped 27 BLO + 15 BSW in 74 hrs.
8/28/64 On NMOCC Pot. Test pumped 4 BNO + 4 BSW in 24 hrs. 8-72" SPM.
Gty 36.1 @ 60°. Well Temporarily abandoned.

PERFORATIONS

<u>Zone</u>	<u>Depth</u>	<u>Size</u>	<u>Kind</u>	<u>Remarks</u>
Glorieta	6105	1/2"	Jet	
"	6106	"	"	
"	6107	"	"	
"	6113	"	"	
"	6117	"	"	
"	6119	"	"	
"	6121	"	"	
"	6138-6159	"	"	w/1 JSPF

CORE RECORD

None

DRILL STEM TESTS

None

ACIDIZING RECORD

6/21/64 Chemical Engineering Co. acidized perfs. 6105-6121 w/ 1000 gal. 15% NE Acid. Brk dwn pr 4000#. Trt pr 4000-3500#. Rate 1 BPM. ISIP 3600# Swab 24 BLO + 19 BAW in 3 hrs. Swab dry 1 hr. SI 13 hrs. Swab 1 BAW. Swab dry. SI 24 hrs.

6/22/64 Wilson acidized perfs 6105-6121 w/2000 gal. 15% Acid + 7 RCN ball sealers. Trt pr 4500-3800#. Rate 2.7 BPM. ISIP 3500#.

6/23/64 Cardinal Chem. Co. acidized pers. 6105-6159 w/1000 gal. 15% NE Acid + 10 RCN ball sealers. Trt. Pr. 4000# Rate 3.4 BPM. ISIP 3800#.

6/25/64 BJ sand oil frac perfs. 6105-6159 w/15,000 gals. refined oil + 45,000# 20-40 sand + 1/40#/gal addomite + 24 RCN ball sealers. Brk dwn pr 5300#, trt pr 6000-5300# Rate 15.3 BPM. ISIP 4500# SI 18 hrs. CP 2500#.

DEVIATION TESTS

Socony Mobil Oil Company, Inc.

State "P" #7 Unit P
Section 22, T-17S, R-35E
Lea County, New Mexico

<u>Depth</u>	<u>Degree Off Vertical</u>	<u>Depth</u>	<u>Degree Off Vertical</u>
200	3/4	4,100	1-1/2
445	1/4	4,360	1-1/2
500	1/4	4,545	1-1/4
1,045	1/2	4,650	2
1,305	0	5,040	2
1,515	0	5,278	2
1,900	1/4	5,570	1-3/4
2,200	3/4	5,680	2
2,500	3/4	6,100	2-1/4
2,800	1-1/4	6,300	1-3/4
3,061	1-1/4		
3,700	2		
3,920	2-1/4	6,300 T.D.	

I hereby certify that the above information is true and correct to the best of my knowledge and belief.

J. J. McDaniel
Acting Group Supervisor

Subscribed and sworn to before me, a Notary Public in and for Lea County, New Mexico this 17th day of September, 1964.

Larue Broodman Keller
Notary Public