

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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 CORRECTLY

Soceny Mobil Oil Company, Inc.
(Company or Operator)

Martha M. Morelock Unit
(Lease)

Well No. 1, in NW 1/4 of SW 1/4, of Sec. 7, T. 23N, R. 1W, NMPM.

Undesignated Pictured Cliffs Pool, Rio Arriba County.

Well is 990 feet from West line and 1650 feet from South line of Section 7. If State Land the Oil and Gas Lease No. is

Drilling Commenced 8-21, 1959 Drilling was Completed 9-2, 1959

Name of Drilling Contractor S. S. Reames Well Servicing

Address Hleenfield, New Mexico

Elevation above sea level at Top of Tubing Head 7382 The information given is to be kept confidential until, 19

OIL SANDS OR ZONES

No. 1, from 3075 to 3085 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 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"	29#	Used	114'				Surface String
4 1/2"	9.5#	New	3139'			3075-3085	Oil 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	156'	110	Pump & plug		
7 7/8"	4 1/2	3151	225	Pump & plug		

RECORD OF PRODUCTION AND STIMULATION

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

Howee sand water frac perf w/30,000 gals wtr + 15,000# 10-20 mesh sand, breakdown 3400#, Tr 3000# -1800#, avj inj 29 BPM, 5 min SI 175#, 2:30 p.m., 9-8-59, 1 1/2 hrs 0#.

Result of Production Stimulation

Depth Cleaned Out

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

Rotary tools were used from 0 feet to 3165 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Put to Producing.....**9-26**....., 19**59**

GAS WELL: The production during the first 24 hours was 558 M.C.F. plus 0 barrels of liquid Hydrocarbon. Shut in Pressure TP 822 lbs. OP 822#

Length of Time Shut in.....**168 hrs.**.....

Northwestern New Mexico

T. Anhy.....	T. Devonian.....	T. Ojo Alamo..... 2825
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland 2947
R. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates.....	T. Simpson.....	T. Pictured Cliffs..... 3075
T. 7 Rivers.....	T. McKee.....	T. Menefee.....
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	T. Granite.....	T. Dakota.....
T. Glorieta.....	T.	T. Morrison.....
T. Drinkard.....	T.	T. Penn.....
T. Tubbs.....	T.	T. Lewis..... 3098
T. Abo.....	T.	T.
T. Penn.....	T.	T.
T. Miss.....	T.	T.

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation																																		
<u>PERFORATIONS</u>																																									
P.G.A.C. perf $\frac{1}{2}$ " csg. 3075-3085 w/20 jet shots.																																									
<u>SUMMARY</u>																																									
7-28-59	Staked Location			<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">OIL CONSERVATION COMMISSION</p> <p style="text-align: center;">P.G.A.C. ran correlation logs for perf $\frac{1}{2}$" csg.</p> <p style="text-align: center;">AZTEC DISTRICT OFFICE</p> <p>No. Copies Received <u>5</u></p> <p style="text-align: center;">DISTRIBUTION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Mr. Tolson</td><td></td></tr> <tr><td>Mr. E.A. Tamm</td><td></td></tr> <tr><td>Mr. Clegg</td><td></td></tr> <tr><td>Mr. Glavin</td><td></td></tr> <tr><td>Mr. Ladd</td><td></td></tr> <tr><td>Mr. Nichols</td><td></td></tr> <tr><td>Mr. Rosen</td><td></td></tr> <tr><td>Mr. Tracy</td><td></td></tr> <tr><td>Mr. Carson</td><td></td></tr> <tr><td>Mr. Egan</td><td></td></tr> <tr><td>Mr. Gurnea</td><td></td></tr> <tr><td>Mr. Harbo</td><td></td></tr> <tr><td>Mr. Hendon</td><td></td></tr> <tr><td>Mr. Pennington</td><td></td></tr> <tr><td>Mr. Quinn</td><td></td></tr> <tr><td>Mr. Nease</td><td></td></tr> <tr><td>Miss Gandy</td><td></td></tr> </table> </div>				Mr. Tolson		Mr. E.A. Tamm		Mr. Clegg		Mr. Glavin		Mr. Ladd		Mr. Nichols		Mr. Rosen		Mr. Tracy		Mr. Carson		Mr. Egan		Mr. Gurnea		Mr. Harbo		Mr. Hendon		Mr. Pennington		Mr. Quinn		Mr. Nease		Miss Gandy	
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8-21-59	Commenced Drlg operations (spud date)																																								
8-21-59	Ran 8 5/8" csg.																																								
9- 2-59	Completed hole. TD 3165. Schlumberger ran Induction-electrical log & attempted to run Sonic log hit tight place @ 160'.																																								
9- 3-59	Ran $\frac{1}{2}$ " csg could not get to bottom A/x lost circ, csg set well into shale section & B&R Service, Inc. ran temp survey.																																								
9- 4-59	Released rig.																																								
9- 8-59	Drlg out com in $\frac{1}{2}$ " to 3105 PHTD. Newer sand wtr frms perf.																																								
9- 8-59	Ran $\frac{1}{2}$ " tbg.																																								
9-10-59	Started to flow @ 4:00 p.m.																																								
9-19-59	SI for Pot.																																								
9-26-59	Pot. completed.																																								

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.

Company or Operator Socorex Mobil Oil Company, Inc. Address Box 2406, Hobbs, New Mexico

Name J. Young, Jr. Position or Title District Superintendent