

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

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SANTA FE	
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USGS	
LAND OFFICE	
TRANSPORTER	OIL GAS
PERFORATION 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

Sohio Petroleum Company

Phillips Lea

AREA 640 ACRES
LOCATE WELL CORRECTLY.

(Company or Operator)

(Lease)

Well No. 3, in NW 1/4 of SE 1/4, of Sec. 31, T. 17-S, R. 34-E, NMPM.
Vacuum, Grayburg-San Andres Pool, Lea County.

Well is 2310 feet from South line and 1650 feet from East line
of Section 31. If State Land the Oil and Gas Lease No. is B-4118

Drilling Commenced Re-entered April 20, 1970. Drilling was Completed clean out April 29, 1970.

Name of Drilling Contractor Used pulling unit & reverse unit.

Address

Elevation above sea level at Top of Tubing Head 4085. The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 4656 to 4722 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	28#	unknown	1557	unknown	-	-	Surface casing
7	24#	*unknown	1342	float	3290'	OH	Old Prod. String
4 1/2	15.1	unknown	4756	float	- **	4657-4722 OA	Production casing

*Top of 7" shot off casing @ 3290'; was set @ 4632 w/100 sks.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11	8-5/8	1557	500	pump & plug	-	-
7 1/2	7	4637	100	pump & plug	-	-
7 1/2	4 1/2	4748	75 Incor 4%	pump & plug	10.1	-
			75 Incor			

RECORD OF PRODUCTION AND STIMULATION

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

**1 shot, 3/8" hole each @ 4657, 4667, 4669, 4674, 4676, 4682, 4690, 4694, 4698, 4702, 4707, 4722. Acidized w/1250 gal. 15% NE acid & sandfraced w/10,000 gal. RO pad & 20,000 gal. of RO w/16,250# of 20/40 sand. Breakdown press. 1800 psi w/acid, Max. frac pressure 5900, Min. 5300, Used 800# of rock salt. Av. inj. rate 11.3 BPM ISIP 3300 psi, 15 min. 3000
Result of Production Stimulation. No test natural. Potential test after frac 45 BOPD, 31 BWPD, 68 MCF, GOR 1511

Depth Cleaned Out. PBD 4742

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JUN 22 1970

OIL CONSERVATION COMM.
HOBBES, N. H.

1. ORDER 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 - Re-entry

Reverse Unit

Rock tools were used from 0 feet to 4752 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing..... May 9 19 70 (load oil)
after load oil

OIL WELL: The production during the first 24 hours/was.....76.....barrels of liquid of which.....59.....% was
was oil;0.....% was emulsion;41.....% water; and.....0.....% was sediment. A.P.I.
Gravity.....37⁰ API.....

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.....1515	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....1608	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....2718	T. Montoya.....	T. Farmington.....
T. Yates.....2887	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	T. McKee.....	T. Menefee.....
T. Queen.....3852	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....4240	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....4647	T. Granite.....	T. Dakota.....
T. Glorieta.....	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
Re-entry --		No New Hole					

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 19, 1970

Company or ~~Organization~~ Sohio Petroleum Company

Address P.O. Box 3167, Midland, Texas 79701 (Date)

Name..... A. K. Hood

Position or Title District Superintendent

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JUN 2 1970

OIL CONSERVATION COMM.
HOBBES, W. V.