



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

OFFICE O. C. C.
2:50 PM '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

AREA 640 ACRES
LOCATE WELL CORRECTLY
Standard Oil Company of Texas,
A Division of California Oil Company
(Company or Operator)

State 4-27
(Lease)

Well No. **9 LR**, in **NV** 1/4 of **SE** 1/4, of Sec. **27**, T. **17 South**, R. **35 East**, NMPM.

Vacuum (Abo Reef) Pool, **Lea** County.

Well is **1650** feet from **South** line and **1650** feet from **East** line

of Section **27**. If State Land the Oil and Gas Lease No. is **2-1650**

Drilling Commenced **January 29**, 19 **64** Drilling was Completed **February 24**, 19 **64**

Name of Drilling Contractor **A. W. Thompson, Inc.**

Address **Box 586, Midland, Texas**

Elevation above sea level at Top of Tubing Head **3928**. The information given is to be kept confidential until **Not Confidential**, 19 **64**.

OIL SANDS OR ZONES

No. 1, from **6073** to **6182** No. 4, from _____ to _____
 No. 2, from **8720** to **8880+** 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
13-3/8"	48	Rev	340	Guide	None	--	Surface casing
9-5/8"	36	Rev	3300	Float	None	--	Intermediate Casing
7"	20, 23 & 26	Rev	9046	Float	None	8720-8876	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
17-1/2"	13-3/8"	355'	400	Pump & Plug		
12-1/4"	9-5/8"	331 1/2'	600	Pump & Plug		
8-3/4"	7"	9058'	500	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Acidized perforations 8720-8876' with 25,000 gallons.

Acidized perforations 8720-8876' with 53,000 gallons using ball sealers.

Result of Production Stimulation **On potential test ending 4-12-64, well pumped 28 BO, 4 hr in 24 hours.**

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 Surface feet to 9060 (T.D.) feet, and from feet to feet.
 Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing April 11, 19 64
 OIL WELL: The production during the first 24 hours was 32 barrels of liquid of which 87.5 % was
 was oil; % was emulsion; 12.5 % water; and % was sediment. A.P.I.
 Gravity 40 degrees
 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.....	<u>1609 (+2332)</u>	T. Devonian.....	T. Ojo Alamo.....
T. Salt <u>111</u>	<u>2756 (+1184)</u>	T. Silurian.....	T. Kirtland-Fruitland.....
B. ...	<u>2880 (+1060)</u>	T. Montoya.....	T. Farmington.....
T. Yates.....	<u>3040 (+ 900)</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	<u>3703 (+ 237)</u>	T. McKee.....	T. Menefee.....
T. Queen.....	<u>3960 (- 80)</u>	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	<u>4364 (- 484)</u>	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	<u>5980 (-2040)</u>	T. Granite.....	T. Dakota.....
T. Glorieta	<u>6073 (-2133)</u>	T.	T. Morrison.....
T. ...		T.	T. Penn.....
T. Tubbs.....		T.	T.
T. Abo. <u>Reef</u>	<u>8723 (-4703)</u>	T.	T.
T. Penn.....		T.	T.
T. Miss.....		T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	1609	1609	Red beds and sand				
1609	2756	1147	Anhydrite, salt & red beds				
2756	3960	1204	Anhydrite, red beds, sand, scattered dolomite				
3960	5980	2020	Dolomite, limy dolomite at base				
5980	6073	93	Dolomite, sandy dolomite, very fine sand				
6073	7800	1727	Dolomite, limy Dolomite, chert				
7800	8723	923	Dolomite, with scattered red, green & trace gray shale				
8723	9060	337	Dolomite				

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.

Date April 20, 1964

Company or Operator Standard Oil Company of Texas, A Division of California Oil Company Address Drawer "G", Mesquite, Texas

Name A. S. Koenig G. G. Koenig Position or Title Lead Engineer