

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

Standard Oil Company of Texas, A Division of California Oil Company (Company or Operator) Vac Edge Unit (Lease)

Well No. 16, in NE 1/4 of NE 1/4, of Sec. 5, T. 18N, R. 35E, NMPM.

Vacuum (Abo) Pool, Lea County.

Well is 990 feet from North line and 330 feet from East line

of Section 5. If State Land the Oil and Gas Lease No. is A-2073

Drilling Commenced 7-1, 1961 Drilling was Completed 7-31, 1961

Name of Drilling Contractor Loffland Bros. Drilling Company

Address Odessa, Texas

Elevation above sea level at Top of Tubing Head 3951 The information given is to be kept confidential until

1961

OIL SANDS OR ZONES

No. 1, from Abo Reef 8774 to 9100' TD 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
13 3/8	48#	New	317	Guide	None	None	Surface Pipe
8 5/8	24# & 30#	New	3036	Guide	None	None	Intermediate Pipe
5 1/2	15.5# & 17#	New	9100	Floot	None	8706-8778 8788-8802	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	317	375	Plug	Circulated Cut to Surface	
11	8 5/8	3036	1285	Plug	Circulated Cut to surface	
7 7/8	5 1/2	9100	679	Plug	Top Cut by temperature Survey @ 2790'	

RECORD OF PRODUCTION AND STIMULATION

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

Shut tested perforated interval recovering a negligible amount of new oil. Treated perforated interval with 6000 gals of 15% regular HCL acid.

Result of Production Stimulation. Shut back load fluid & well kicked off & started flowing. Flowed 267 BO & 4 BW in 20 1/2 hrs on 16/64" choke, IP 525 psi, OGR 1340 ft. 3/241 after recovering all load fluid.

Depth Cleaned Out

RECORD OF DRILL-STEM AND SPECIAL TESTS
No drill stem or other special tests recorded.

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 9100' 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 8-9 30 1/2, 1961
OIL WELL: The production during the first 24 hours was 271 barrels of liquid of which 98.5 % was
was oil; _____ % was emulsion; 1.5 % water; and _____ % was sediment. A.P.I.
Gravity 36.8°
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>1560 (+ 8006)</u>	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates <u>2500 (+1066)</u>	T. Simpson	T. Pictured Cliffs
T. 7 Rivers <u>3085 (+ 881)</u>	T. McKee	T. Menefee
T. Queen <u>3792 (+ 174)</u>	T. Ellenburger	T. Point Lookout
T. Grayburg <u>4072 (- 86)</u>	T. Gr. Wash	T. Mancos
T. San Andres <u>4440 (- 474)</u>	T. Granite	T. Dakota
T. Glorieta <u>6082 (-2116)</u>	T.	T. Morrison
T. Drinkard	T.	T. Penn
T. Tubbs	T.	T.
T. Abo <u>Re-f 8574 (-4608)</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
0	2400	2400	Red beds & Anhydrite				
2400	3000	600	Red beds, anhy & salt				
3000	4400	1400	Dolomite, anhy & shale				
4400	5400	1000	Dolomite & sand				
5400	6000	600	Dolomite				
6000	6600	600	lime, with sand stringer				
6600	8000	1400	Dolomite, dolomitic lime & chert				
8000	9100	1100	TS, 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.

Standard Oil Company of Texas, A
Company or Operator: Division of California Oil Co.
Name: J. I. Rowland J. I. Rowland
Address: August 28, 1961 Drummer 2, Mustang, Texas
Position or Title: Electrician Engineer