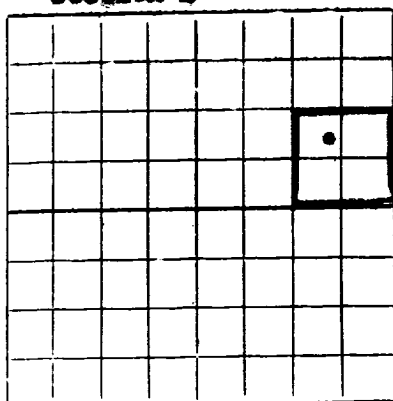




AREA 640 ACRES
LOCATE WELL CORRECTLY

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

Standard Oil Company of Texas, a Division of California Mac Edge Unit
(Company or Operator) (Lease)
Well No. 14, in SE 1/4 of NE 1/4, of Sec. 4, T. 18N, R. 35E, NMPM.
vacuna (Abo) Pool, Lea County.
Well is 1650 feet from North line and 660 feet from East line
of Section 4. If State Land the Oil and Gas Lease No. is H-1713
Drilling Commenced 6-23, 1961 Drilling was Completed 7-20, 1961
Name of Drilling Contractor A. W. Thompson
Address Odessa, Texas
Elevation above sea level at Top of Tubing Head 3932 The information given is to be kept confidential until
1961

OIL SANDS OR ZONES

Abo Reef
No. 1, from 8802 to 9100 T.D. 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	308	Guide	None	None	Surface Pipe
8-5/8	26# & 32#	New	3105	Guide	None	None	Intermediate Pipe
5-1/2	15.5# & 17#	New	9100	Float	None	8875-90; 8904-14; 8921-29; 8934-42; 954-60.	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	308	*375	Plug	-	-
12-1/4"	8-5/8	3105	*1250	Plug	-	-
7-7/8"	5-1/2	9100	*690	Plug	-	-

RECORD OF PRODUCTION AND STIMULATION

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

Treated perforated interval with 6000 gals of 15% regular HCL acid.
*Circulated cement to surface.
**Top cement by temperature survey at 3100'.
Result of Production Stimulation Following treatment w/6000 gals 15% regular HCL, lwd back load oil with out swabbing. Immediately after recovering load fluid, flwd 232 BO & 76 BW
8875 ft on 3/4" choke, T.P. 625 PSI, GR 3.2 deg API and 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

No drill stem or special test conducted.

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 7-29, 19 61.
OIL WELL: The production during the first 24 hours was 308 barrels of liquid of which 75.5 % was oil; % was emulsion; 24.5 % water; and % was sediment. A.P.I. Gravity 36.2 deg 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. 1653	T. Devonian	T. Ojo Alamo	
T. Salt	T. Silurian	T. Kirtland-Fruitland	
B. Salt	T. Montoya	T. Farmington	
T. Yates 3038	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers 3278	T. McKee	T. Menefee	
T. Queen 4050	T. Ellenburger	T. Point Lookout	
T. Grayburg 4373	T. Gr. Wash	T. Mancos	
T. San Andres 4779	T. Granite	T. Dakota	
T. Glorieta 5139	T.	T. Morrison	
T. Drinkard	T.	T. Penn	
T. Tubbs	T.	T.	
T. Abo 8802	T.	T.	
T. Penn	T.	T.	
T. Miss	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
surf	3278	3278	red beds, salt & anhydrite				
3278	4700	1422	Dolomite, anhydrite & shale				
4700	5990	1290	Dolomite				
5990	6750	760	Lime, Dolomite & silt				
6750	8570	1820	Dolomite, Limy dolomite				
8570	9100	530	Dolomite - Reef, to 9100				

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.

August 15, 1961 (Date)
Standard Oil Company of Texas,
Company or Operator Division of California Oil Co. Address Drawer 88, Monahans, Texas
Name J. L. Howland Position or Title District Engineer