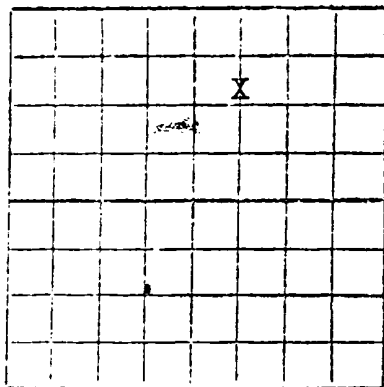




NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico
HOBBBS OFFICE O. C. C.

WELL RECORD

Nov 18 3 18 PM '63

Mail to District Office, Oil Conservation Commission, to which Form O-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 5 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

TEXACO Inc.

(Company or Operator)

State of New Mexico "AE"

(Lease)

Well No. 14, in NW 1/4 of NE 1/4, of Sec. 11, T. 18-S, R. 34-E, NMFM.

Vacuum Abo Reef

Pool,

Lea

County.

Well is 1980 feet from East line and 990 feet from North line

of Section 11. If State Land the Oil and Gas Lease No. is B-1258-1

Drilling Commenced October 14, 1963. Drilling was Completed November 11, 1963.

Name of Drilling Contractor Marcum Drilling Company

Address P. O. Box 5094, Midland, Texas

Elevation above sea level at Top of Tubing Head 4013' (D.F.)

March, 1963. The information given is to be kept confidential until

See Attached Sheet

OIL SANDS OR ZONES

No. 1, from to No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

Drilled with Rotary Tools and no water sands tested.

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
11-3/4"	42.00	New	360'	Texas Pat	None	None	Surface
8-5/8"	24.00	New	3345'	Texas Pat	None	None	Intermediate
2-7/8"	6.40	New	9038'	Texas Pat	None	See Sheet	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	11-3/4"	378'	350	HOWCO		
10-5/8"	8-5/8"	3358'	1650	HOWCO		
7-5/8"	2-7/8"	9050'	1500	HOWCO		

RECORD OF PRODUCTION AND STIMULATION

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

See Attached Sheet

Result of Production Stimulation See Attached Sheet

Depth Cleaned Out 9050'
PBTB 9013'

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 0 feet to 9050' feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing November 15, 1963.

OIL WELL: The production during the first 24 hours was 404 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 39.8

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. 1706'	T. Devonian	T. Ojo Alamo	
T. Salt 1820'	T. Silurian	T. Kirtland-Fruitland	
B. Salt 2930'	T. Montoya	T. Farmington	
T. Yates 3040'	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers	T. McKee	T. Menefee	
T. Queen 4111'	T. Ellenburger	T. Point Lookout	
T. Panguitch 4303'	T. Gr. Wash	T. Mancos	
T. San Andres 4927'	T. Granite	T. Dakota	
T. Glorieta	T.	T. Morrison	
T. Drinkard	T.	T. Penn.	
T. Tubbs	T.	T.	
T. Abo-Reef 8440'	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	110	110	Caliche				
110	372	262	Redbed				
372	1700	1328	Redbed, Anhy & Sand				
1700	1820	120	Redbed & Anhy				
1820	3030	1210	Anhydrite & Salt				
3030	3560	530	Anhydrite & Lime				
3560	4280	720	Lime				
4280	5140	860	Lime & Anhydrite				
5140	6290	1150	Lime & Chert				
6290	7545	1255	Lime				
7545	8110	565	Lime & Sand				
8110	8820	710	Lime				
8820	9050	230	Lime & Sand				
Total Depth	9050						
PBTD	9013						
All Measurements From Rotary Table or 12' Above Ground Level							
Estimate Number 7891							
1 - State - Santa Fe							
1 - Field							
1 - File							

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.

November 18, 1963
(Date)

Company or Operator TEXACO Inc. Address P.O. Box 728, Hobbs, N.M.
Name J. G. Blevins, Jr. Position or Title Asst. District Superintendent

State of New Mexico "AE" Well No. 14

Spudded 15" hole 9:30 P.M. October 14, 1963

Ran 360' of 11-3/4" OD casing, 42.00 lb, Spiral weld, and cemented at 378' with 350 sx. Class "A" cement. Plug at 348'. Cement circulated. Tested before and after drilling plug for 30 minutes with 600 psi. Tested O.K. Job complete 6:00 A.M. October 16, 1963.

Ran 3346' of 8-5/8" OD casing, (24.00 lb, J-55) and cemented at 3358' with 1500 sx of 1:1 Pozmix with 8% gel plus 150 sx or regular. Plug at 3326'. Tested before and after drilling plug for 30 minutes with 1500 psi. Tested O.K. Job complete 8:30 P.M. October 20, 1963.

Ran Acoustic and Velocity Logs, November 11, 1963.

Ran 9038' of 2-7/8" OD casing, (6.40, J-55) and cemented at 9050' with 500 sx Class "C" 8% gel with FRA, 800 sx Class "C" 8% gel, and 200 sx Class "C" 4% gel, with 500 gals acetic acid. Tested before and after drilling plug for 30 minutes with 2000 psi. Tested O.K. Job complete 8:00 A.M. November 15, 1963.

Perforate 2-7/8" OD casing with one jet shot at 8810', 8811', 8827', 8828', 8837', 8838', 8855', 8856', 8872', 8874', 8884', 8885', 8908', 8909', 8923', 8926', 8951', and 8952'. Acidize with 9000 gals LST NE in 9-1000 gals stages with 2 ball sealers between stages, and 500cu.ft. CO₂ per bbl.

On 12 hour Potential Test well flowed thru 24/64" choke 202 B0 and no water ending 4:00 P.M. November 16, 1963.

GOR - 1360

Gravity - 39.8

Top of Pay - 8810'

Btm of Pay - 8952'

NMOCC Date - November 11, 1963

TEXACO Inc. Date - November 16, 1963