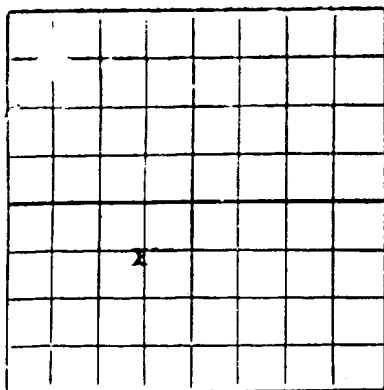


**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**WELL RECORD**



AREA 640 ACRES  
LOCATE WELL CORRECTLY

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

TEXACO Inc. State of New Mexico "AE"  
(Company or Operator) (Lease)

Well No. 5, in NE 1/4 of SW 1/4, of Sec. 12, T. 18-S, R. 34-E, NMPM.  
Undesignated Vacuum Abo Pool, Lea County.

Well is 1980 feet from South line and 1980 feet from West line of Section 12. If State Land the Oil and Gas Lease No. is B-1258-1

Drilling Commenced Feb. 15, 1963. Drilling was Completed April 18, 1963

Name of Drilling Contractor: Marcum Drilling Company

Address: Box 5094, Midland, Texas

Elevation above sea level at Top of Tubing Head: 3991. The information given is to be kept confidential until June 25, 1963.

See Attached

**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. 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	23.72	New	320	Howco	None	None	Surface
8-5/8	24	New	3244	Howco	None	None	Intermediate
2-7/8	6.5	New	8939	Howco	None	See Attached	

**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	333	300	Haliburton		
11	8-5/8	3255	1650	Haliburton		
7-5/8	2-7/8	8950	1300	Haliburton		

**RECORD OF PRODUCTION AND STIMULATION**

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

See Attached

Result of Production Stimulation: See Attached

Depth Cleaned Out: 8950

**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 8950 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

**PRODUCTION**

Put to Producing April 20, 1963

OIL WELL: The production during the first 24 hours was 407 barrels of liquid of which 95% was oil; \_\_\_\_\_% was emulsion; 5% water; and \_\_\_\_\_% was sediment. A.P.I. Gravity 41.8

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 1720	T. Devonian	T. Ojo Alamo	
T. Salt 1830	T. Silurian	T. Kirtland-Fruitland	
B. Salt 2900	T. Montoya	T. Farmington	
T. Yates 3080	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers	T. McKee	T. Menefee	
T. Queen 4195	T. Ellenburger	T. Point Lookout	
T. Penrose 4400	T. Gr. Wash	T. Mancos	
T. Grayburg	T. Granite	T. Dakota	
T. San Andres 5070		T. Morrison	
T. Glorieta		T. Penn	
T. Drinkard			
T. Tubbs			
T. Abo Reef 8478			
T. Penn			
T. Miss			

**FORMATION RECORD**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	500	500	Caliche				
500	964	464	Redbed & Shale				
964	1400	436	Anhy				
1400	2100	700	Anhy & Salt				
2100	2805	705	Anhy				
2805	3463	658	Sand & Lime				
3463	4862	1399	Lime				
4862	5364	502	Sand & Lime				
5364	5925	561	Lime				
5925	6050	125	Lime & Chert				
6050	6195	145	Lime & Dolomite				
6195	6318	123	Lime				
6318	6850	532	Lime & Sand				
6850	8057	1207	Lime				
8057	8221	164	Sand, Dolomite & Lime				
8221	8466	245	Dolomite & Sand				
8466	8840	374	Chert & Lime				
8840	8950	110	Lime				
TD	8950						

All measurements from rotary table or 9' above ground level.

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.

April 25, 1963

Company or Operator TEXACO Inc.

Address P. O. Box 728, Hobbs, New Mexico

Name *[Signature]*

Position or Title Assistant District Superintendent

STATE OF NEW MEXICO "AE" NO. 5

Spudded 15" hole 6:30 A. M., February 15, 1963.

Ran 320' of 11-3/4" O. D. Casing and cemented at 333'. Cement with 300 sacks of Class "A" cement. Cement circulated. Tested 11-3/4" O. D. Casing with 600 psi before and after drilling plug. Tested OK. Job complete 1:15 P. M. 2-17-63.

Ran 3244' of 8-5/8" O. D. Casing and cemented at 3255' with 1500 sacks of 1:1 Pozmix, 8% Gel and 150 sacks of neat. Cement circulated. Job complete 7:00 P. M. February 22, 1963. Tested 8-5/8" O. D. casing before and after drilling plug with 600 psi. for 30 minutes. Test OK. Job complete 8:00 A. M., February 23, 1963.

Ran 8939' of 2-7/8" O. D. Casing and set at 8950'. Cement with 1300 sacks of Incor 8% gel and 250 sacks of 4% gel. Plug down at 8942'. Tested 2-7/8" O. D. Casing for 30 minutes before and after drilling plug with 1000 psi. Tested OK. Job complete 2:00 P. M. 4-21-63.

Ran Electric Logs 4-21-63.

Perforate 2-7/8" O. D. Casing with 1 Jet shot per foot from 6858-60', 8707-09', 8739-41', 8758-60', 8794-96', 8802-04', 8853-55'. Acidize perforations with 9000 gals of 15% LSTNEA with 12 tons CO<sub>2</sub> in seven (7) 1200-gallon stages with 2 ball sealers in 4 stages and one ball<sup>2</sup> sealer in 2 stages.

On 24 hour Potential test well flowed 387 BO & 20 BW, through 19/64" choke.

Gravity	41.8
GOR	1290
Top/pay	8658
Bottom/Pay	8855
NMOCC Date	April 18, 1963
TEXACO Date	4-25-63.