

OCT 29 10 58 AM 03 Santa Fe, New Mexico

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 "0"

-----  
(Company of Operator)

(LAW)

Well No. 5, in SW  $\frac{1}{4}$  of SE  $\frac{1}{4}$ , of Sec. 25, T. 17S, R. 34E, NMPM.

Vacuum (Blinebry) Vacuum (Glorieta) Pool Lea County.

Well is 460 feet from south line and 2080 feet from East line

of Section 25 ..... If State Land the Oil and Gas Lease No. is B-1056-1

Drilling Commenced.....9-24.....19<sup>63</sup> Drilling was Completed.....10-13.....19<sup>63</sup>

Name of Drilling Contractor.....Cactus Drilling Company.....

Address..... P. O. Box 32, Midland, Texas

Elevation above sea level at Top of Tubing Head..... 4009 (DF)..... The information given is to be kept confidential until  
January 19 63

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.      **IMPORTANT WATER SANDS**      No water sands tested.

**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	23.7	New	1536	Baker	None	None	
8-5/8	24.0	New	3292	Baker	None	None	
2-7/8	6.5	New	6837	Baker	None	See Attached Sheet	
2-7/8	6.5	New	6835	Baker	None	See Attached Sheet	

## 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	1550	1100	B&J Service		
11"	8-5/8	3305	500	B&J Service		
7-7/8"	2-7/8	6850	*	B&J Service		
7-7/8"	2-7/8	6848	*	B&J Service		

\*Cement both strings simultaneously with 1400 sacks.

### 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..... 6850'

# 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 6850 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing 10-16, 19 63  
OIL WELL: The production during the first 24 hours was 240 barrels of liquid of which 50 % was  
was oil; % was emulsion; 50 % water; and % was sediment. A.P.I.  
Gravity 36.2  
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	1542	T. Devonian	T. Ojo Alamo
T. Salt	1670	T. Silurian	T. Kirtland-Fruitland
B. Salt	2790	T. Montoya	T. Farmington
T. Yates		T. Simpson	T. Pictured Cliffs
T. 7 Rivers		T. McKee	T. Menefee
T. Queen	3683	T. Ellenburger	T. Point Lookout
T. Grayburg		T. Gr. Wash	T. Mancos
T. San Andres	4320	T. Granite	T. Dakota
T. Glorieta	5884	T.	T. Morrison
T. Blinberry	6580	T.	T. Penn
T. Drinkard		T.	T.
T. Tubbs		T.	T.
T. Abo		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	272	272	Caliche				
272	1049	777	Redbed				
1049	1550	501	Shale & Redbed				
1550	2954	1404	Shale & Sand				
2954	3616	662	Anhy & Sand, Shale				
3616	3784	168	Lime & Dolomite				
3784	4417	633	Shale & Lime				
4417	4870	453	Lime				
4870	5540	670	Sand & Lime				
5540	6110	570	Lime				
6110	6488	378	Lime & Sand				
6488	6850	362	Lime				
6850	TD						
Estimate	6264						
NMOCC	- 5						
State Land Office	- 1						
Well File	- 1						
Field	- 1						

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.

October 29 1963  
(Date)

Company or Operator TEXACO Inc. Address P.O. Drawer 728, Hobbs, N.M.  
Name J.G. Blevins, Jr. Position or Title Assistant District Supt.

STATE OF NEW MEXICO "Q" NO. 5

Spudded 15" hole 5:45 P.M. 9-24-63.

Ran 1536' of 11-3/4" O.D. casing and set at 1550'. Cement with 900 sacks of Class "C" 4% Gel plus 200 sacks of Class "C" Neat. Job complete 1:00 A.M. 9-27-63. Cement circulated. Tested 11-3/4" O.D. casing for 30 minutes with 600 psi before and after drilling plug. Tested O.K. Job complete 2:30 A.M. 9-28-63.

Ran 3292' of 8-5/8" O.D. casing and set at 3305'. Cemented with 500 sacks of Class "A" with 2% Ca Cl<sub>2</sub>. Plug at 3273'. Job complete 10:00 A.M. 9-30-63. Tested 8-5/8" O.D. casing for 30 minutes with 1000 psi before and after drilling plug. Job complete 10:00 A.M. 10-1-63.

String No. 1 - Ran 6837' of 2-7/8" O.D. casing and set at 6850'.

String No. 2 - Ran 6835' of 2-7/8" O.D. casing and set at 6848'.

Cement down both strings simultaneously with 500 sacks of Class "C" with friction reducing agent plus 900 sacks of Class "C" 4% Gel and pump 500 gallons of acetic acid down each string. Job complete 1:30 A.M. 10-14-63. Tested 2-7/8" O.D. casing for 30 minutes with 1500 psi before and after drilling plug. Tested O.K. Job complete 3:00 A.M. 10-15-63.

Ran Electrical Induction log, Sonic log, and Micro-log 10-12-63.

(Vacuum Glorieta) Zone: Ran 6835' of 2-7/8" O.D. casing and set at 6848'. Perforate casing with 1 jet shot per interval at 6033', 6034', 6041', 6042', 6047', 6048', 6053', 6054'. Acidize perforations from 6033-6054' with 500 gallons of acetic acid. Re-acidize with 2,000 gallons of LSTNE in 4 stages with 2 ball sealers between stages. Squeeze casing perforations from 6033-45' with 100 sacks of cement. Acidize perforations from 6033-45' with 200 gallons of retarded acid. On 24 hour potential test ending 6:00 P.M. 10-26-63 well flowed 112 BO & 38 BW through a 20/64" choke.

Gravity	39.2
GOR	610
Top of Pay	6033
Bottom of Pay	6054
NMOCC Date	10-13-63
Texaco Inc. Date	10-26-63

(Vacuum Blinebry) Zone: Ran 6837' of 2-7/8" O.D. casing and set at 6850'. Perforate 2-7/8" O.D. casing with 1 jet shot per interval at 6698', 6727', 6732', 6738', 6745', 6771'. Acidize casing perforations 6698-6771' with 500 gallons of acetic acid. Reacidize and frac casing perforations from 6698-6771' with 3000 gallons of LSTNE in 6 stages with ball sealer between stages and fracture with 10,000 gallons of refined oil with 6200# of sand. On 24 hr potential test ending 12:00 P.M. 10-23-63 well swabbed 120 BO and 120 BW.

Gravity	362
GOR	TSTM
Top of Pay	6698
Bottom of Pay	6771
NMOCC Date	10-13-63
Texaco Inc. Date	10-23-63