



AREA 640 ACRES  
LOCATE WELL CORRECTLY

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

Oct 22 10 40 AM '63

## 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

TEXACO Inc. State of New Mexico "O" NCT-1  
(Company or Operator) (Lease)

Well No. 19, in SE 1/4 of NW 1/4, of Sec. 36, T. 17-S, R. 34-E, NMPM.  
Vacuum (Glorieta) Vacuum (Blinberry) Pool, Lea County.

Well is 1980 feet from North line and 2179 feet from West line  
of Section 36. If State Land the Oil and Gas Lease No. is B-155-1

Drilling Commenced 8-13, 1963 Drilling was Completed 9-19, 1963.

Name of Drilling Contractor Cactus Drilling Company

Address P. O. Box 32, Midland, Texas

Elevation above sea level at Top of Tubing Head 4011 (DF) The information given is to be kept confidential until  
January, 1964

### OIL SANDS OR ZONES

Drilled with rotary tools: No water sands tested.

No. 1, from to No. 4, from to  
No. 2, from to No. 5, from to  
No. 3, from to No. 6, from to

### IMPORTANT WATER SANDS

See Attached  
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	42.0	New	1536	Howco	None	None	Surface
2-7/8	6.4	New	6835	Howco	None	See Attached Sheet	
2-7/8	6.4	New	6830	Howco	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	1549	1100	Haliburton		
7-7/8	2-7/8	6849	*	Haliburton		
7-7/8	2-7/8	6845	*	Haliburton		

\*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

# BOORD OF DRILL-STEM AND SPECIAL 7 8

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 10-1, 19 63.

OIL WELL: The production during the first 24 hours was 216 barrels of liquid of which 100 % was  
was oil; % was emulsion; % water; and % was sediment. A.P.I.  
Gravity 38.8

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. 1495	T. Devonian	T. Ojo Alamo
T. Salt. 1605	T. Silurian	T. Kirtland-Fruitland
B. Salt.	T. Montoya	T. Farmington
T. Yates. 2620	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen. 3677	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres. 4494	T. Granite	T. Dakota
T. Glorietta. 5832	T.	T. Morrison
Blin. Marker 6505	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	255	255	Redbed				
255	1151	896	Sand Redbed				
1151	1771	620	Redbed & Anhydrite				
1771	2954	1183	Lime & Redbed				
2954	3269	315	Anhydrite				
3269	3373	104	Anhydrite & Gypt.				
3373	3930	557	Anhydrite & Lime				
3930	3966	36	Dolomite & Lime				
3966	4089	123	Lime, Dolomite & Anhy				
4089	4716	627	Lime				
4716	5053	337	Lime, Dolomite, Sand				
5053	5238	185	Sand Lime				
5238	5335	97	Lime, Dolomite				
5335	5572	237	Lime				
5572	6850	1278	Lime & Shale				
6850	TD						
6 NMOCC							
1 State Land Office							
1 Well File							
1 Field							

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 21, 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 Superintendent

State of New Mexico "O" NCT-1 #19

Spudded 15" hole 8:00 P.M. August 13, 1963.

Ran 1536' of 11-3/4" O.D. casing and set at 1549'. Cement with 900 sacks of Class "C" 4% Gel plus 200 sacks of neat. Plug at 1514'. Cement circulated. Job Complete 10:30 P.M. August 15, 1963. Tested 11-3/4" O.D. casing before and after drilling plug for 30 minutes with 600 psi. Tested O.K. Job Complete 11:45 P.M. August 16, 1963.

String #1 (Blinbry) zone: Ran 6835' of 2-7/8" O.D. casing and set at 6849'.

String #2 (Glorieta) zone: Ran 6830' of 2-7/8" O.D. casing and set at 6845'. Cement both strings simultaneously with 1400 sacks of 4% Gel with friction reducing agent in first 500 sacks. Job Complete 7:00 A.M. 9-23-63. Tested 2-7/8" O.D. casing for 30 minutes before and after drilling plug. Tested OK. Job Complete 7:30 A.M. 9-24-63.

Ran logs 9-20-63.

Gamma Ray Sonic

Microlaterolog

Laterolog

Moveable Oil Plot

Gamma Ray Sonic

Ran string 1 (Blinbry) zone: 6835' of 2-7/8" casing and set at 6849'. Plug at 6836'. Perforate 2-7/8" casing 6762, 6691, 6780, 6781, 6786, 6787, 6788, 6789, 6790. Selective gun fired additional shots in cluster from 6786-6790'. Reperforate with 1 jet shot per interval at 6666, 6676, 6691, 6766, 6767, 6785, 6790. Acidize with 500 gallons of acetic acid. Acidize casing perforations from 6666-6790' with 3500 gallons of LSTNE in 5 stages with a ball sealer between stages. Frac casing perforations from 6666-6790' with 10,000 gallons of gelled lease crude with 1/2 lb. of sand per gallon with 2006 gallons of gelled crude and 1003 lbs. of sand plus 1260 gallons of gelled lease crude with 1005 lbs. of sand in formation. Reacidize and refrac perforations from 6666 to 6790' with 1000 gallons of 15% LSTNE with 50 gallons of Controlflo in 20 bbls. of lease crude and 10,000 gallons of refined oil. On 24 hr. potential test ending 6:00 P.M. 10-19-63 well swabbed 44 BO & 44 BW.

Gravity 37.6

GOR TSTM

Top of Pay 6666

Bottom of Pay 6785

NMOCC Date 9-19-63

TEXACO Inc. 10-19-63

String 2 (Glorieta) zone: Ran 6830' of 2-7/8" O.D. casing and set at 6845'. Plug at 6812'. Perforate with one jet shot per interval. Acidize with 500 gallons of acetic acid. On 24 hr. potential test ending 6:50 A.M. September 30, 1963, well flowed 216 BO & NW through a 20/64" choke.

Gravity 38.8

GOR 575

Top of Pay 5980

Bottom of Pay 5993

NMOCC Date 9-19-63

TEXACO Inc. Date 9-30-63