



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD  
JUN 25 PM 2 58

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 QUINTUPPLICATE. If State Land submit 6 Copies

AREA 0.40 ACRES  
LOCATE WELL CORRECTLY

TEXACO Inc. State of New Mexico "O" NCT-1  
(Company or Operator) (Lease)  
Well No. 17 in SW 1/4 of SW 1/4 of Sec. 36, T. 17-S, R. 34-E, NMPM  
Vacuum (Wlfc)(Penn)(Devonian) Pool, Lea County.  
Well is 760 feet from South line and 2080 feet from West line  
of Section 36 If State Land the Oil and Gas Lease No. is B-155-1  
Drilling Commenced March 14, 1963 Drilling was Completed May 22, 1963  
Name of Drilling Contractor Brahaney Drilling Company  
Address P. O. Box 1695, Midland, Texas  
Elevation above sea level at Top of Tubing Head 4008 (DF) The information given is to be kept confidential until August 15, 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 or 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 END	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8	48.0	New	1598	Howco	None	None	Surface
9-5/8	36.0	New	4738	Howco	None	None	Intermediate
* 3-1/2	9.20	New	12,070	Howco	None	See Attached	
* 2-7/8	6.40	New	10,952	Howco	None	See Attached	
* 2-7/8	6.40	New	10,963	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
17-1/2	13-3/8	1612	1200	Halliburton		
12-1/4	9-5/8	4750	1700	Halliburton		
8-3/4	3-1/2	12,082	*	Halliburton		
8-3/4	2-7/8	10,964	*	Halliburton		
8-3/4	2-7/8	10,975	*	Halliburton		

RECORD OF PRODUCTION AND STIMULATION \* Cement three strings with 1325 sacks  
(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 12,082'  
Plug Back 10,932'

# COORD 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 12,082 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing June 1, 1963  
OIL WELL: The production during the first 24 hours was 301 barrels of liquid of which 100 % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 52.1  
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 1465	T. Devonian 11,926	T. Ojo Alamo	
T. Salt 1577	T. Silurian	T. Kirtland-Fruitland	
B. Salt 2730	T. Montoya	T. Farmington	
T. Yates 2796	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers	T. McKee	T. Menefee	
T. Queen 3670	T. Ellenburger	T. Point Lookout	
T. Penrose 3820	T. Gr. Wash	T. Mancos	
T. Grayburg	T. Granite	T. Dakota	
T. San Andres 4220	T.	T. Morrison	
T. Glorieta 5815	T.	T. Penn	
T. Blinberry Marker 6585	T.	T.	
T. Drinkard	T.	T.	
T. Tubbs 7270	T.	T.	
T. Abo 7896	T.	T.	
T. Wolfcamp 9260 L. Wife 9826	T.	T.	
T. Penn 10,088	T.	T.	
T. Strawn 10,686	T.	T.	
T. L. Miss 11,128	T.	T.	
T. Woodford 11,748			

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	300	300	Caliche	9559	9912	353	Lime & Chert
300	1542	1242	Redbed	9912	10,720	808	Lime & Shale
1542	1626	84	Redbed & Anhy	10,720	10,776	56	Lime
1626	2790	1164	Salt & Anhy	10,776	11,104	328	Lime & Shale
2790	2973	183	Anhy	11,104	11,290	186	Lime & Chert
2973	3237	264	Anhy & Salt	11,290	11,690	400	Lime, Chert & Shale
3237	4168	931	Anhy	11,690	11,750	60	Lime & Shale
4168	5249	1081	Lime	11,750	11,992	242	Shale
5249	5280	31	Lime & Dolomite	11,992	12,082	90	Lime
5280	5671	391	Lime	12,082		TD	
5671	5777	106	Lime & Chert				
5777	5900	123	Lime & Sand				
5900	7658	1758	Lime				
7658	8245	587	Lime & Dolomite				
8245	8604	359	Lime				
8604	8688	84	Lime & Shale				
8688	9437	749	Lime				
9437	9559	122	Lime, Shale & Chert				

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.

June 24, 1963 (Date)  
Company or Operator TEXACO Inc. Address P.O. Box 728, Hobbs, New Mexico  
Name Position or Title Assistant District Subt.

1963 JUN 25 PM 2 58

State of New Mexico "O" NCT-1 No. 17  
Spudded 20" hole 9:30 P.M. March 14, 1963

Ran 92' of 16" O. D. casing and 1598' of 13-3/8" O. D. casing and cemented at 1612'. Plug of 1576'. Cement with 850 sacks of regular 4% Gel and 350 sacks of regular. Cement circulated. Job complete 4:15 A.M. March 18, 1963. Tested 13-3/8" O. D. casing for 30 minutes with 600 psi before and after drilling plug. Tested O. K. Job complete 7:30 A.M. March 19, 1963.

Ran 4738' of 9-5/8" O. D. casing and cemented at 4750'. Cement with 1500 sacks of Class "A" Incor with 8% Gel and 200 sacks of Class "A" Neat. Job complete 10:45 A.M. March 30, 1963. Tested 9-5/8" O. D. casing before and after drilling plug for 30 minutes with 1000 psi. Tested O. K. Job complete 11:15 A.M. March 31, 1963.

Ran strings "X", "Y", "Z": Cement down all three strings simultaneously with 450 sacks of Incor Neat with 4/10 of 1% D-40 in "Z" string and 625 sacks of Class "C", plus 250 sacks of Class "C" Incor with 4/10 of 1% D-40 down "X" and "Y" strings. Spotted 250 gallons of acetic acid in string "Z", and 400 gallons of acetic acid in strings "X" and "Y". Job complete 8:30 A.M. May 25, 1963. Ran Temperature Survey. Top of cement 1625'.

Ran electric logs May 21, 1963

String "Z" Devonian Zone: Ran 12,070' of 3-1/2" O. D. casing and set at 12,082'. Plug at 12,052'. Perforate 3-1/2" O. D. casing with 2 JSPF from 11,980 to 11,990'. Acidize perforations with 200 gallons of acetic acid followed with 2,000 gallons of regular 15% LSTNEA. On 24 hour Potential Test ending 11:00 A.M. June 3, 1963 well flowed 301 BO & NW through 22/64" choke.

Gravity 52.1  
GOR 1845  
Top of Pay 11,980'  
Bottom of Pay 11,990'  
Texaco Inc. Date - June 3, 1963  
N. M. O. C. C. Date - May 22, 1963

String "Y" Penn. Zone: Ran 10,952' of 2-7/8" O. D. casing and set at 10,964'. Plug at 10,932'. R. A. collar at 10,123'. Perforate 2-7/8" O. D. casing with 2 JSPF from 10,117-122, 10,130-140. Acidize perforations with 400 gallons of acetic acid. Set cement retainer at 10,000'. Squeezed with 25 sacks of Class "C" with retarder. D. O. C. from 9895-10,122'. Re-perforate 2-7/8" O. D. casing with 1 JSPF from 10,130-140'. Acidize casing perforations from 10,130-140' with 500 gallons of acetic acid. On 24 hour Potential Test ending 7:00 A.M. June 18, 1963 well flowed 222 BO & NW through 15/64" choke.

Gravity 40.3  
GOR 907  
Top Pay 10,117  
Bottom Pay 10,140  
Texaco Inc. Date - June 18, 1963  
N. M. O. C. C. Date - May 22, 1963

WOLFCAMP OFFICE 000

1963 JUN 25 PM 2 58

String "X" Wolfcamp Zone: Ran 10,963' of 2-7/8" O. D. casing and set at 10,975'. Plug at 10,942'. Perforate 2-7/8" O. D. casing with 2 JSPF from 9962-10,004'. Acidize with 250 gallons of acetic acid. Acidize perforations from 9962 - 10,004', with 500 gallons of acetic acid. Spot 500 gallons LSTNE 15% acid over casing perforations from 9962-10,004. Acidize perforations from 9962-10,004 with 500 gallons of LSTNE. Re-acidize with 1000 gallons of LSTNE. On 24 hour Potential Test ending 6:00 A.M. June 22, 1963 well flowed 101 B0 & 5 BW through 18/64" choke.

Gravity 38.9

GOR 1109

Top of Pay 9992

Bottom of Pay 10,004

Texaco Inc. Date - June 22, 1963

N. M. O. C. C. Date - May 22, 1963