



# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## 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

AREA 640 ACRES  
LOCATE WELL CORRECTLY

TEXACO Inc.  
(Company or Operator)

State of New Mexico "R" NCT-1  
(Lease)

Well No. 7, in SW 1/4 of NE 1/4, of Sec. 6, T. 18-S, R. 35-E, NMPM.

Vacuum Abo Reef Pool, Lea County.

Well is 2310 feet from North line and 1650 feet from East line

of Section 6. If State Land the Oil and Gas Lease No. is B-1306-1

Drilling Commenced June 24, 1963. Drilling was Completed June 21, 1963.

Name of Drilling Contractor Sharp Drilling Company

Address Box 1271 Midland, Texas

Elevation above sea level at Top of Tubing Head 3983 (D.F.). The information given is to be kept confidential until Sept. 1, 1963.

### OIL SANDS OR ZONES

See Attached  
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

Drilled with Rotary tools. 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	42.0 lb	New	347	Baker	None	None	Surface
8-5/8	24.0 lb	New	3022	Baker	None	None	Intermediate
2-7/8	6.5 lb	New	8847	Baker	None	See Attached	

### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	11-3/4	360	400	B & J Service		
10-5/8	8-5/8	3032	1650	B & J Service		
7-5/8	2-7/8	8847	1300	B & J Service		

### 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 8850  
P.B. 8816

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 8850 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing July 23, 1963

OIL WELL: The production during the first 24 hours was 197 barrels of liquids of which 100 was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 38.1

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.	1460	T. Devonian	
T. Salt	1590	T. Silurian	
B. Salt	2560	T. Montoya	
T. Yates	2816	T. Simpson	
T. 7 Rivers		T. McKee	
T. Queen	3744	T. Ellenburger	
T. Grayburg		T. Gr. Wash.	
T. San Andres	4382	T. Granite	
T. Glorieta	6008	T.	
T. Drinkard		T.	
T. Tubbs		T.	
T. Abo	8065	T.	
T. Abo Reef	8452	T.	
T. Miss.		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	250	250	Caliche				
250	1310	1060	Redbed				
1310	1614	304	Redbed & Anhydrite				
1614	2814	1200	Anhydrite & Salt				
2814	3032	218	Lime & Anhydrite				
3032	5434	2402	Lime				
5434	5623	189	Lime & Dolomite				
5623	5674	51	Lime & Shale				
5674	8850	3176	Lime				
8850			TD				
8816			PBTD				

All Measurements from the rotary table or 10' above ground level.

Estimate 6206  
NMOCC 5  
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.

July 31, 1963  
Company or Operator TEXACO Inc. Address 2600 728 1000s, New Mexico  
Name Position or Title Asst. Supt.

State of New Mexico "R" NCT-1 #7

Spudded 17" hole 10:45 P.M. June 24, 1963. 11 PM 1 25

Ran 347' of 11-3/4" O.D. casing and set at 360'. Cemented with 400 sacks of neat. Cement circulated. Job complete 8:30 A.M. June 25, 1963. Tested 11-3/4" casing for 30 minutes with 600 psi before & after drilling plug. Tested OK. Job complete 7:30 A.M. June 26, 1963.

Ran 3022' of 8-5/8" O.D. casing and cemented at 3032' with 1500 sacks of Di-Mix with 8% Gel plus 150 sacks of regular neat. Plug at 3000'. Job complete 1:30 P.M. June 29, 1963. Tested 8-5/8" O.D. casing before & after drilling plug with 1500 psi for 30 minutes. Tested OK. Job complete 9:00 P.M. June 30, 1963.

Ran 8835' of 2-7/8" O.D. casing and set at 8847'. Cemented with 1300 sacks of Class "C" 4% Gel. Plug at 8816'. Job complete 6:30 A.M. July 23, 1963. Tested 2-7/8" O.D. casing before & after drilling plug with 1000 psi for 30 minutes. Tested OK. Job complete 9:00 A.M. July 24, 1963.

Ran logs July 20, 1963.

Vacuum Abo Reef: Perforate 2-7/8" O.D. casing with 1 jet shot per foot from 8533-35, 8545-47, 8573-75, 8592-94, 8612-14, 8646-48, 8657-59, 8676-78, 8687-89.

Acidize perforations from 8533-8689' with 9,000 gallons of 15% LSTNE with 12-1/4 tons CO<sub>2</sub> with 9 - 1000 gallon stages with 2 ball sealers between stages. On 24 hour potential test ending 5:00 P.M. July 29, 1963, well flowed 197 B0 & No water through 20/64" choke.

Gravity 38.1

GOR 920

Top of Pay 8533

Bottom of Pay 8686

TEXACO Inc. Date 7-29-63

NMOCC Date 7-21-63