



AREA 640 ACRES  
LOCATE WELL CORRECTLY



# 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

TEXACO Inc.

(Company or Operator)

State of New Mexico "0" NCT-3

(Lease)

Well No. 23, in SW 1/4 of NW 1/4, of Sec. 12, T. 17-S, R. 32-E, NMPM.

Roberts

Pool,

Lea

County.

Well is 660 feet from West line and 1980 feet from North line

of Section 12. If State Land the Oil and Gas Lease No. is B-871

Drilling Commenced June 3, 1960. Drilling was Completed June 11, 1960

Name of Drilling Contractor Dual Drilling Company

Address Midland, Texas

Elevation above sea level at Top of Tubing Head 4255' (D.F.A.) The information given is to be kept confidential until November, 1960

### OIL SANDS OR ZONES

No. 1, from 4116' to 4132' No. 4, from 4262' to 4264'  
No. 2, from 4150' to 4154' No. 5, from 4276' to 4280'  
No. 3, from 4158' to 4162' No. 6, from 4284' to 4296'  
No. 1, from 4150' to 4154' No. 2, from 4158' to 4162'  
No. 3, from 4210' to 4214' No. 4, from 4250' to 4256'

Drilled with rotary tools and 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
7-5/8"	24.00	New	325	Baker	None	None	Surface
4-1/2"	9.50	New	4332	Baker	None	See Above	Production

### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
9-5/8	7-5/8	337	250	Howco		
6-3/4	4-1/2	4340	150	Howco		

### RECORD OF PRODUCTION AND STIMULATION

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

Perforate 4-1/2" O.D. casing with 2 jet shots per ft 4116' to 4132', 4150' to 4154', 4158' to 4162', 4210' to 4214', 4250' to 4256', 4262' to 4264', 4276' to 4280', 4284' to 4296'. Acidize with 500 gals MA. Frac with 20,000 gals Refined Oil and 30,000 lbs sand at 6.4 BPM. Frac with 40,000 gals Refined Oil and 60,000 lbs sand at 8.1 BPM. Acidize open hole 4340' to 4720' with 1000 gals 15% acid. Frac open hole with 10,000 gals Refined Oil and 15,000 lbs sand.

Result of Production Stimulation On 24 Hr PT well pumped 30 BO and 12 BW ending 7:00 P.M. September 24, 1960. Gravity - 34.6, GOR - 860, Top of pay - 4116', Btm of pay - 4720'

NMOCC Date - June 11, 1960

TEXACO Inc. date - 9-24-60

Depth Cleaned Out 4720'  
Open Hole 4340' to 4720'

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 4720 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing September 23, 1960  
OIL WELL: The production during the first 24 hours was 42 barrels of liquid of which 71% was oil; 29% was emulsion; % water; and % was sediment. A.P.I. Gravity 34.6  
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	1245'		T. Devonian		T. Ojo Alamo
T. Salt	1390'		T. Silurian		T. Kirtland-Fruitland
B. Salt	2410'		T. Montoya		T. Farmington
T. Yates	2573'		T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen	3532'		T. Ellenburger		T. Point Lookout
T. Grayburg	3984'		T. Gr. Wash		T. Mancos
T. San Andres	4308'		T. Granite		T. Dakota
T. Glorieta			T.		T. Morrison
T. Drinkard			T.		T. Penn
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	60	60	Caliche				<u>Deviation Record</u>
60	260	200	Caliche & Sand				
260	1050	790	Red Bed				<u>Depth</u>
1050	1305	255	Anhy, Red Bed				<u>Degrees Off</u>
1305	1415	110	Anhy, Salt & Red Bed				
1415	2730	1315	Anhy & Salt				340'
2730	2859	129	Anhy & Shale				1/2
2859	3326	467	Anhy & Gyp				834'
3326	3664	338	Anhy & Gyp				1/2
3664	3996	332	Anhy & Lime				1850'
3996	4210	214	Lime & Sand				1-3/4
4210	4720	510	Lime				2410'
Total Depth	4720						3/4
Open Hole	4340 to 4720'						2859'
							3195'
							3434'
							3664'
							4070'
							4340'
							4720'
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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.

September 27, 1960  
(Date)

Company or Operator TEXACO Inc. Address P.O. Box 352, Midland, Texas  
Name Assistant District Superintendent