



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.

State of New Mexico "0" NCT-3

(Company or Operator)

(Lease)

Well No. 21, in SW 1/4 of NE 1/4, of Sec. 12, T. 17-S, R. 32-E, NMPM.

Roberts

Pool,

Lea

County.

Well is 1980 feet from East line and 1980 feet from North line

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

Drilling Commenced March 25, 1960 Drilling was Completed April 4, 1960

Name of Drilling Contractor Dual Drilling Company

Address Midland Savings and Loan Building, Midland, Texas

Elevation above sea level at Top of Tubing Head 4238' (G.L.) The information given is to be kept confidential until August, 1960

OIL SANDS OR ZONES

No. 1, from 4146' to 4150' No. 4, from 4279' to 4284'
4170' to 4174' No. 5, from 4291' to 4294'
4228' to 4232' No. 6, from 4298' to 4312'
4250' to 4258' 4267' to 4272'

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	1340	Howco	None	None	Surface
4-1/2"	9:50	New	3120	Howco	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
9-7/8"	7-5/8"	1350	500	Howco		
6-3/4"	4-1/2"	4370	250	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. liner with 2 jet shots per ft from 4146' to 4150', 4170' to 4174', 4228' to 4232', 4250' to 4258', 4267' to 4272', 4279' to 4284', 4291' to 4294', and 4298' to 4312'. Acidize with 500 gals 15% LST NEA acid. Frac with 20,000 gals refined oil and 15,000 lbs sand at 11.1 BPM.

Result of Production Stimulation On 10 hr PT well flowed 53 BO and no water thru 36/64" choke ending 4:00 A.M., April 14, 1960. GOR -- 1410, Gravity 34.0, Top of Pay -- 4146', Btm of Pay -- 4312', NMCCC Date -- April 4, 1960, TEXACO Inc. -- April 14, 1960
Depth Cleaned Out 4370'
PBTD 4355'

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

Rotary tools were used from 0 feet to 4370' feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Put to Producing April 13, 1960

OIL WELL: The production during the first 24 hours was.....127.20.....barrels of liquid of which.....100.....% was oil;--.....% was emulsion;--.....% water; and.....% was sediment. A.P.I. Gravity.....34.0.....

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):

Northwestern New Mexico

T. Anhy.....	1278'	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	1400'	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	2427'	T. Montoya.....	T. Farmington.....
T. Yates.....	2590'	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....		T. McKee.....	T. Menefee.....
T. Queen.....	3560'	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	4012'	T. Gr. Wash.....	T. Mancos.....
T. Premier.....	4268'	T. Granite.....	T. Dakota.....
T. San Andres.....	4335'	T.	T. Morrison.....
T. Glorieta.....		T.	T. Penn.....
T. Drinkard.....		T.	T.
T. Tubbs.....		T.	T.
T. Abo.....		T.	T.
T. Penn.....		T.	T.
T. Miss.....		T.	T.

From	To	Thickness in Feet	Formation
0	245	245	Caliche
245	708		Redbed
708	1545		Redbed & Anhy
1545	2882		Anhy & Salt
2882	4051		Anhy & Lime
4051	4370		Lime
Total Depth	4370		
PETD	4355		
All measurements from rotary table or 10' above ground level.			
			4 - NMOCC
			1 - STLO
			1 - Division
			1 - Field
			1 - File

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.

April 14, 1960
(Date)

Company or Operator: **TEXACO Inc.**

Address P. O. Box 352, Midland, Texas

Name.....

Position or Title... **Assistant District Superintendent**