

Santa Fe, New Mexico

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

TEXACO Inc.

(Company or Operator)

U. D. Sawyer

(1989)

Well No. 4, in SW 1/4 of SE 1/4, of Sec. 34, T. 9-S, R. 36-E, NMPM.

Undesignated

Pool, Lea

County.

Well is 990 feet from South line and 1650 feet from East line.

of Section 34 If State Land the Oil and Gas Lease No. is None

Drilling Commenced April 4, 1960 Drilling was Completed June 9, 1960

Name of Drilling Contractor.....McVay & Stafford Drilling Company

Address 1110 Philtower Building, Tulsa 3, Oklahoma

Elevation above sea level at Top of Tubing Head.....4031' (D.F.)..... The information given is to be kept confidential until

December 19 60.

No. 1, from 11,990' to 11,996' No. 4, from _____ to _____

No. 2, from 11,924' to 11,936' No. 5, from _____ to _____

No. 3 from 11.834' to 11.880' No. 6. from to

Drilled with rotary tools and 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 fee:

No. 3, from to feet.

No. 4, from to feet.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
3 3/8"	48:00	New	355'	Howco	None	None	Surface
8 5/8"	36:00	New	4137'	Howco	None	None	Production
5 1/2"	17:00	New	12,388'	Howco	None	See Above	Production

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
7 1/2"	13 3/8"	349'	400	Howco		
1"	8 5/8"	4150'	2200	Howco		
7 7/8"	5 1/2"	12,400'	1050	Howco		

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

Perforate 5 1/2" O.D. Casing with 2 jet shots per ft. 11,990' to 11,996', acidize with 1000 gals. 15% acid, re-acidize with 3000 gals. 15% acid. Perforate with 4 jet shots per ft. 11,924' to 11,936', acidize with 1000 gals. 15% acid, re-acidize with 3000 gals. acid, Perforate with 4 jet shots 11,834' to 11,880'. Acidize with 1000 gals 15% L&T NEA, Swap well and test, put well to production.
Result of Production Stimulation. On 24 Hr. PT ending 4:00 PM September 1, 1960, well pumped 100 BO and 40 BW, Gravity - 42.1. GOR 632. Top of Pay 11,834. Btm of Pay 11,996',
NMOCC Date - June 9, 1960 TEXACO Ind. date Sept. 1, 1960 Depth Cleaned Out 12,400'
PSTD 12,068'

RECORD OF DRILL-STEM AND SPECIAL VTS

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 12,400 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing September 1, 1960.
OIL WELL: The production during the first 24 hours was 140 barrels of liquid of which 71 was oil; % was emulsion; 29 % water; and % was sediment. A.P.I. Gravity 42.1
GAS WELL: The production during the first 24 hours was None 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 2202'	T. Devonian 12,325'	T. Ojo Alamo
T. Salt 2305'	T. Silurian	T. Kirtland-Fruitland
B. Salt 2785'	T. Montoya	T. Farmington
T. Yates 2842'	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres 4123'	T. Granite	T. Dakota
T. Glorieta 5550'	T.	T. Morrison
T. Drinkard	T.	T. Penn.
T. Tubbs 6942'	T.	T.
T. Abo 7712'	T.	T.
Wolfcamp 9149'	T.	T.
Penn 9587'	T.	T.
Bend 10,805'		
Miss. 11,736'		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	35	35	Caliche				
35	1680	1645	Redbed & Shale				
1680	2055	375	Anhy				
2055	2642	587	Anhy & Salt				
2642	3401	759	Anhy				
3401	4011	610	Anhy & Gyp				
4011	4120	109	Anhy				
4120	5814	1694	Lime				
5814	6900	1086	Lime & Shale				
6900	7615	715	Lime				
7615	7718	103	Shale				
7718	7850	132	Lime & Shale				
7850	8775	925	Lime				
8775	9300	525	Lime & Chert				
9300	9545	245	Lime & Sand				
9545	10825	1280	Lime				
10825	11022	197	Lime & Chert				
11022	11100	78	Lime				
11100	11540	440	Lime & Shale				
11540	11570	30	Lime				
11570	11850	280	Lime & Chert				
11850	12400	550	Lime				
Total Depth	12,400						
PBTD	12,068						

All measurements from rotary table or 10' above ground level. Estimate No. 7131

4 - NMOC
2 - Division
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.

J. G. Blevins, Jr. September 2, 1960 (Date)

Company or Operator TEXACO Inc.

Address P. O. Box 352, Midland, Texas

Name

Position or Title Asst. Dist. Supt.