

WELL RECORD

COMMISSION
RECEIVED
FEB 22 1961
D. C. C.
TESIA, OFFICE

AREA 640 ACRES
LOCATE WELL CORRECTLY

TEXACO Inc.
.....
(Company of Operations)

Ruth Patterson
(Lear)

Well No. 1 in NE $\frac{1}{4}$ of NW $\frac{1}{4}$, of Sec. 34, T. 6-S, R. 30-E, NMPM.

Wildcat

Pool

Chaves

County.

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

of Section 34 If State Land the Oil and Gas Lease No. is No

Drilling Commenced.....**December 20**, 1960..... Drilling was Completed.....**February 11**, 1961.....

Name of Drilling Contractor.....**Sharp Drilling Company**.....

Address.....**First National Bank Building, Midland, Texas**.....

Elevation above sea level at Top of Tubing Head..... **not available**..... The information given is to be kept confidential until
..... 19.....

OIL SANDS OR ZONES

No. 1, from See attached sheet No. 4, from _____ to _____

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

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
13-3/8"	48:00	New	241'	Baker	None	None	Surface
9-5/8"	32:00	New	2575'	Howce	None	None	Intermediate

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"	256'	300	Howee		
12-1/4"	9-5/8"	2587'	2200	Howee		

RECORD OF PRODUCTION AND STIMULATION

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

See attached sheet.

Result of Production Stimulation..... See attached sheet.

...Depth Cleaned Out.....8704

BOARD OF DRILL-STEM AND SPECIAL T

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 8704 feet, and from feet to feet.
 Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing Dry, 19

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

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	1140'		T. Devonian		T. Ojo Alamo
T. Salt			T. Silurian	8383'	T. Kirtland-Fruitland
B. Salt			T. Montoya		T. Farmington
T. Yates	1455'		T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen			T. Ellenburger	8632'	T. Point Lookout
T. Grayburg			T. Gr. Wash		T. Mancos
T. San Andres	2530'		T. Granite	8678'	T. Dakota
T. Glorieta	3832'		T.		T. Morrison
T. Drinkard			T.		T. Penn
T. Tubbs	5212'		T.		T.
T. Abo	5992'		T.		T.
T. Penn	7300'		T.		T.
T. Miss	7918'		T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	40	40	Caliche				
40	1640	1600	Red Bed				
1640	1811	171	Salt				
1811	2180	369	Anhy & Salt				
2180	2540	360	Anhy & Gyp				
2540	2798	258	Dolomite				
2798	3593	795	Dolomite & Sand				
3593	5786	2193	Dolomite & Lime				
5786	6047	261	Dolomite & Gyp				
6047	6815	768	Shale				
6815	6920	105	Lime & Chert				
6920	7325	405	Lime				
7325	7705	380	Lime & Sand				
7705	7932	227	Lime & Shale				
7932	8704	772	Lime, Shale, & Chert				
8704	Total Depth						

All measurements from rotary table or 11' above ground level.

Estimate No. 7259

5 - NMOCC
 1 - Division
 1 - Field
 1 - File

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.

February 17, 1961
(Date)

Company or Operator TEXACO Inc. Address P.O. Box 352, Midland, Texas
 Name J. G. Elevins, Jr. Position or Title Assistant District Superintendent

RECEIVED
FEB 22 1961
D. C. C.
ARTESIA, OFFICE

RUTH PATTERSON WELL NO. 1

Spudded 17-1/2" hole 8:00 P.M. December 20, 1960. Ran 241' of 13-3/8" O.D. Casing and cemented at 256' with 300 sx Regular. Plug at 216'. Cement circulated. Tested before and after drilling plug for 30 minutes with 600 PSI. Tested OK. Job complete 9:30 P.M. December 22, 1960.

Ran 2575' of 9-5/8" O.D. Casing and cemented at 2587' with 2000 sx Incor 4% Gel and 200 sx Regular. Plug at 2562'. Tested before and after drilling plug for 30 minutes with 1000 PSI. Tested OK. Job complete 8:00 A.M. December 28, 1960.

DSF No. 1, 3326' to 3380', tool open 1 hr with bubbles of air and died in 15 mins. Recovered 51' DM, no show, HI-1900, HO-1850. 30 MIST-30, 30 MFSI-940, IF & FF - 45. Job complete 9:00 P.M. December 30, 1960.

DSF No. 2, 7356' to 7506', tool open 2 hrs with weak blow thruout test. No gas or fluid to surface. Recovered 395' DM, no show, 30 MIST - 3080, 30 MFSI - 2580, HI & HO - 4320, IF - 155, FF - 355. Job complete 10:45 P.M. January 22, 1961.

DSF No. 3, 7745' to 7876', tool open 1 hr with weak blow and died in 35 mins. Recovered 45' DM, no show. 30 MIST - 415, 30 MFSI - 198, HI & HO 4535, IF - 125, FF - 142. Job complete 1:00 A.M. January 27, 1961.

DSF No. 4, 8125' to 8171', tool open 1 hr with bubbles of air and died. Recovered 15' DM, no show. 30 MIST-3192, 30 MFSI-2510, HI-4645, HO-4675, IF-70, FF-85, Job complete 5:30 P.M. January 30, 1961.

Core No. 1, 8396' to 8403', core barrel plugged, failure.

Core No. 2, 8403' to 8446', recovered 13', 100%, no show. Job complete Feb. 6, 1961.

DSF No. 5, 8310' to 8396', tool open 1 hr with no blow, recovered 75' DM, no show. 30 MIST-2532, 30 MFSI-2709, HI & HO-4585, IF-95, FF-122. Job complete 1:00 P.M. February 4, 1961.

DSF No. 6, 8383' to 8446', tool open 1 hr with no blow, recovered 40' DM, no show gas, oil, or water, 30 MIST-3515, 30 MFSI-2761, HI-4784, HO-4579, IF-70, FF-83. Job complete 2:30 P.M. February 7, 1961.

DSF No. 7, 8463' to 8609', tool open 1 hr with good blow and died in 45 mins. Recovered 470' DM and 6489' salt water. 30 MIST and MFSI - 3345, HI-4815, HO-4745, IF - 2537, FF - 3345. Job complete 1:10 A.M. February 10, 1961.

DSF No. 8, 8670' to 8704', tool open 1 hr with bubbles of air and died. Recovered 125' DM, no show. 30 MIST-3280, 30 MFSI-2695, HI & HO-4545, IF-45, FF-90. Job complete 11:00 A.M. February 12, 1961.

Ran wire line tests, 8619', 8618', and 7753'. No shows. Prepare to plug and abandon. Spot plugs as follows:

- Plug No. 1, 40 sx, 8604' to 8704'.
- Plug No. 2, 40 sx, 8333' to 8433'.
- Plug No. 3, 40 sx, 7688' to 7788'.
- Plug No. 4, 40 sx, 7248' to 7348'.
- Plug No. 5, 40 sx, 2537' to 2637'.

Spot 20 sx surface plug in 9-5/8" O.D. casing, installed marker, cleaned location as per NMCCC regulations. Plug and abandon complete 12:00 Midnight February 15, 1961.