

THIS WELL IS IN THE
BOTTOM DEAN UNIT

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 10-061936
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company TEXACO, Inc. Address P.O. Box 352, Midland, Texas
Lessor or Tract E.F. Ray-Federal "B" Field Palmer-Bellevue State New Mexico
Well No. 27 Sec. 10 T. 45-SR. 32-Meridian NMP County Lea
Location 1980 ft. SW of 4 Line and 1950 ft. E of 1 Line of Section 10 Elevation 3602' (10')
(Check one relation to section)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date February 14, 1961 Title Assistant District Superintendent

Commenced drilling February 2 1961 Finished drilling February 8 1961

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from L712! to L711! No. 4, from _____ to _____
 No. 2, from L716! to L721! No. 5, from _____ to _____
 No. 3, from L727! to L732! No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8"	330'	250	Howes		
6-1/2"	4790'	150	Howes		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from _____ feet to 1721 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 11, 1951 Put to producing February 12, 1951

The production for the first 24 hours was 144 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 28.5

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas.....

Rock pressure, lbs. per sq. in.

EMPLOYEES

3. 4. Thomas	, Driller	4. 5. Holmes	, Driller
1. B. Holland	, Driller		, Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	80	80	Saline
80	773	403	Red Mud
773	1102	369	Anhy
1102	1436	513	Salt
1436	1663	2731	Anhy & Salt
1436	1663	227	Clay
1663	1791	128	Sand
Total Depth	1791		
PRPD	1768		<u>Formation Logs</u>
All measurements from rotary table or log above ground level.			For Anhy 773'
			Top Salt 1102'
			Bot. Salt 1436'
			Bottom Clay 1663'
			Bottom Sand 1791'
Estimate No.	9126		
1 - USGS			
1 - NMOC			
1 - Mrs. Rhea			
1 - Pauley Pet.			
1 - Division			
1 - Field			
1 - File			

FROM-	TO-	TOTAL FEET	FORMATION
			Deviation record Depth Degrees Off
			1/4 311 1/2 042 3/4 932 1 1260 3/4 1570 1 1608 1-1/4 2205 1 2461 1 2707 2 3231 2-1/4 3550 2 3731 2-1/4 4240 2 4550 2-1/4 4701

HISTORY OF OIL OR GAS WELL

Spudded 5-7/8" hole 3:00 P.M., February 2, 1961. ran 310' at 7-4/8" O.D. casing and cemented at 330' with 500 sk regular. Plug at 340'. Cement circulated. Tested before and after drilling plug for 30 minutes with 1000 PSI. Tested OK. Job complete 12:00 midnight February 3, 1961.

Perforate 4-1/2" O.D. casing 4721 to 4734, 4736, to 4721, and 4727, to 4732, with 2 jet shots per ft. Acidize with 250 gals 15% IST NHA, 250 gals gelled acid and 250 lbs crushed naphthalene. Re-acidize with 250 gals 15% IST NHA.

Gravity - 39.8
Top of Bay - 1412
Btm of Bay - 1432
INNOCE date - February 8, 1961
TEXACO Inc. date - February 12, 1961.

Perforate 4-1/2" O.D. casing 4728 to 4734, 4736 to 4741, and 4727 to 4732 with 2 jet shots per ft. Acidize with 250 gals 15% IST NHA, 250 gals gelled acid and 250 lbs crushed naphthalene. Re-acidize with 250 gals 15% IST NHA.