

U. S. LAND OFFICE ~~Los Cruces~~
SERIAL NUMBER ~~057589~~ OFFICE OCC
LEASE OR PERMIT TO PROSPECT
1962 APR 9 PM 2:5

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company TEXACO Inc. Address P.O. Box 728 - Hobbs, New Mexico
 Lessor or Tract G.L. Erwin (b) NCT-2 Field Undesignated State New Mexico
 Well No. 2 Sec. 35 T. 24S R. 37E Meridian NNPM County Lea
 Location 1980 ft. $\begin{smallmatrix} N \\ \nearrow \end{smallmatrix}$ of S Line and 1980 ft. $\begin{smallmatrix} E \\ \searrow \end{smallmatrix}$ of E Line of Section 35 Elevation 3179'
 (Derrick floor relative to sea level)

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 April 9, 1962 Title Assistant District Superintendent

The summary on this page is for the condition of the well at above date. **Superintendent**
Commenced drilling November 10-----, 1961 Finished drilling February 2-----, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

See attached sheet

No. 1, from _____ to _____	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

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 9437 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----**April 9**-----, 19**62** Put to producing -----**March 1**-----, 19**62**

The production for the first 24 hours was 342 barrels of fluid of which 100% was oil; ---% emulsion; ---% water; and ---% sediment. Gravity, °Bé. 37.8

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

_____, Driller
 C. J. Staubing
 _____, Driller
 John Evans

_____, Driller
 J. C. Evans
 _____, Driller

FORMATION RECORD

[illegible]

FOUNDAION RECORD-COMMUNIST

16-42004-5

Spudded 20" hole 7:15 A.M., Nov. 10, 1961. Ran 230' of 16" O.D. Casing and cemented at 246' with 335 sx Regular. Plug at 212'. Cement circulated. Tested before and after drilling plug for 30 minutes with 600 PSI. Tested O.K. Job complete 11:30 P.M., November 12, 1961.

Ran 3437' of 11-3/4" O.D. Casing and cemented at 3450' with 1000 sx Trinity Lite Water and 300 sx Neat. Plug at 3392'. Top of cement by temperature survey, 2080'. Tested before and after drilling plug for 30 minutes with 1000 PSI. Tested O.K. Job complete 8:30 P.M., November 28, 1961. 4

DST No. 1, 3845' to 3920', tool open 1-1/2 hrs with strong to weak blow. Rec 3400' Sul Wtr. 30 MISIP-1495, IFP-825, FFP-1495, 30-MFSIP-1495, HI & HO-1775, Job complete 4:30 P.M., Nov. 30, 1961.

DST No. 2, 5085' to 5210', Misrun.

DST No. 3, 5085' to 5210', Tool open 1-1/2 hrs with weak blow. Rec. 814' SGCM. No wtr. 30-MISIP-765, IFP-325, FFP-395, 30-MFSIP-525, HI & HO-2440. Job complete 9:45 P.M., Dec. 7, 1961.

DST No. 4, 6570' to 6724', Misrun.

DST No. 5, 6570' to 6724', Tool open 1-1/2 hrs with weak blow thruout test. Rec 432' D.M. NS, 30-MISIP-370, IFP-285, FFP-325, 30-MFSIP-345, HI & HO-3330, Job complete 1:45 PM Dec. 20, 1961.

DST No. 6, 6780' to 6898', Tool open 2 hrs with weak blow thruout test. Rec 875', SGC & Sul wtr CM, NSO. 30-MISIP-560, IFP-360, FFP-425, 30-MFSIP-625, HI & HO-3285, Job complete 2:00 P.M., Dec. 22, 1961.

DST No. 7, 7175' to 7357', Tool open 1-1/2 hrs with good blow thruout test. Rec 1800' VSO & GC Sul Wtr. No free oil or gas. 30-MISIP-2695, IFP-415, FFP-955, 30-MFSIP-2495, HI & HO-3970, Job complete 2:45 P.M. Dec. 27, 1961.

DST No. 8, 8528' to 8554', Misrun.

DST No. 9, 8546' to 8554', Tool open 1 hr with weak blow for 1 min and died. Rec 30' DM & Cuttings. Tool plugged. Job complete 1:00 P.M., Jan. 14, 1962.

DST No. 10, 8546' to 8641', Tool open 2 hrs with weak blow 10 min and died. Rec 180' DM. 30-MISIP-245, IFP-135, FFP-155, 30-MFSIP-175, HI & HO-4280, Job complete 1:00 P.M., Jan. 17, 1962.

DST No. 11, 8725' to 8765', Tool open 1-1/2 hrs with weak blow for 1 hr and 20 min. & died. Rec 80' SOCDM, No gas, No wtr, 30-MISIP-245, I & FFP-45, 30-MFSIP-135, HI & HO-4340. Job complete 12:45 P.M., Jan. 19, 1962.

DST No. 12, 8837' to 8887', Misrun.

DST No. 13, 8880' to 8892', Tool open 2 hrs with weak blow, died in 10 min. Rec 25' DM, No oil, gas, or wtr, 30-MISIP-2840, IFP-40, HI-4330, HO-4360, Job complete 1:30 P.M., Jan 24, 1962.

DST No. 14, 8888' to 8952', Tool open 1 hr with weak blow, died in 30 min. Rec 100' DM, NSOG or wtr. 30 MISIP-185, IFP-125, 30-MFSIP-165, HI & HO-4425, Job complete 11:59 A.M., Jan. 26, 1962.

DST No. 15, 8952' to 9094', Tool open 2 hrs with weak blow thruout test. Rec 540' DM, SO&GCM, No wtr, 30-MISIP-1715, IFP-275, FFP-335, 30-MFSIP-420, HI & HO-4560, Job complete 5:00 P.M., Jan 28, 1962.

DST No. 16, 9091' to 9104', Tool open 1 hr with weak blow, died in 10 min. Rec 25' DM, NSOG or wtr. 30-MISIP-85, IFP-25, 30-MFSIP-45, HI & HO-4535. Job complete 3:45 P.M., Jan. 29, 1962..

DST No. 17, 9291' to 9437', Tool open 1 hr with weak blow thruout test. Rec 106' DM. NSOG or wtr. 30-MISIP-3545, IFP-150, FFP-190, FSIP-2680, HI & HO-4795, Job complete 1:45 P.M., Feb. 3, 1962.

Plugs set as follows:

110 sx	9000' to 8800'
85 sx	8590' to 8490'
85 sx	8280' to 8180'
55 sx	7900' to 7800'
71 sx	7600' to 7500'

Ran String No. Z (Fusselman Zone) 7484' of 2-7/8" O.D. casing, 6.40 lb, J-55, 8-R, and cemented at 7495'.

Ran String No. Y, (Siluro-Devonian Zone) 7485' of 2-3/8" O.D. casing, 4.60 lb, J-55, 8-R, and cemented at 7496'.

Ran String No. X (Drinkard Zone) 7084' of 2-3/8" O.D. casing, 4.60 lb, J-55, 8-R, and cemented at 7100'.

Ran String No. W (Blinebry Zone) 6204' of 2-3/8" O.D. casing, 4.60 lb, J-55, 8-R, and cemented at 6215'.

Ran String No. V (Paddock Zone) 6185' of 2-3/8" O.D. casing, 4.60 lb, J-55, 8-R, and cemented at 6196'.

Cemented above strings of casing with 1760 sx Incor. with 8% Gel. Flushed ahead of cement with 10 bbls water and 1000 gals mud flush. Plugs latched in at 3000 lb. Plugs at 7485'.

Top of cement by temperature survey, 2150'.

PERFORATE STRING Z (FUSSELMAN) ZONE, 7234' to 7254' with 2 jet shots per ft. Acidize with 500 gals LST NEA. Swab well. Re-acidize with 1000 gals LST NEA. Squeeze perforations with 150 sx cement. Perforate 2-3/8" casing 7290' to 7300' with 2 jet shots per ft. Swab well. Squeeze perforations with 100 sx cement. Fusselman zone - Abandoned.

PERFORATE STRING Y (SILURO-DEVONIAN) ZONE, 7022' to 7036', and 7042' to 7050' with 2 jet shots per ft. Acidize with 500 gals LST NEA. Swab well. Re-acidize with 1000 gals LST NEA and 250 gals Gelled acid, swab well. Re-acidize with 5000 gals LST NEA and 150 gals Gel Acid. Acidize with 5000 gals LST NEA, preceded by 150 gals gelled acid.

SILURO-DEVONIAN ZONE TEST:

On 24 hour potential test well flowed thru 18/64" choke, 40 BO and 15 BW ending 1:00 PM. March 23, 1962.

GOR-6837

Gravity-38

Top of Pay-7022'

Btm of Pay-7050'

USGS Date-February 2, 1962

TEXACO Inc. Date-March 23, 1962.

PERFORATE STRING X (DRINKARD) ZONE, 6072' to 6079', 6062' to 6066', 6026' to 6030', 6015' to 6022', 6000' to 6005', and 5990' to 5994' with 2 Jet shots per ft. Acidize with 1000 gals LST NEA. Swab well, re-acidize with 5000 gals LST NEA, preceded by 150 gals gelled acid.

DRINKARD ZONE TEST:

On 12 hour potential test well flowed thru 15/64" choke 48 BO and 10 BW ending 12:01 A. M. March 23, 1962.

GOR-2125

Gravity-38

Top of Pay-5990'

Btm of Pay-6079'

USGS Date-February 2, 1962

TEXACO Inc. Date-March 23, 1962

PERFORATE STRING W (BLINEBRY) ZONE, 5515' to 5518', 5510' to 5512', 5504' to 5508' and 5468' to 5482' with 2 jet shots per ft. Acidize with 1000 gals LST NEA. Swab well. Frac with 10,000 gals refined oil and 10,000 lbs sand.

BLINEBRY ZONE TEST:

On 16 hour potential test well flowed thru 18/64" choke, 342 BO and no water ending 7:00 A.M. March 9, 1962.

GOR-1430

Gravity-37.8

Top of Pay-5468'

Btm of Pay-5518'

USGS Date-February 2, 1962

TEXACO Inc. Date-March 9, 1962.

PERFORATE STRING V (PADDOCK) ZONE, 4921' to 4954' with 2 jet shots per ft. Squeeze perforations with 45 sx cement. Perforate 2-3/8" casing with 2 jet shots per ft 4921' to 4930', 4898' to 4910'. Swab well. Acidize with 500 gals LST NEA. Swab well. Squeeze perforations with 50 sx cement. Perforate 4898' to 4906' with 2 jet shots per ft. Acidize with 500 gals LST NEA. Swab well. Re-acidize with 3000 gals LST NEA.

On 24 hour potential test well flowed thru 20/60" choke 1,383 MOPD, and 8 bbls condensate, ending 7:00 A. M., April 6, 1962.

GOR- 174,000

Gravity-57.5

Top of Pay-4798'

Btm of Pay-4806'

USGS Date-February 2, 1962

TEXACO Inc. Date - April 6, 1962.