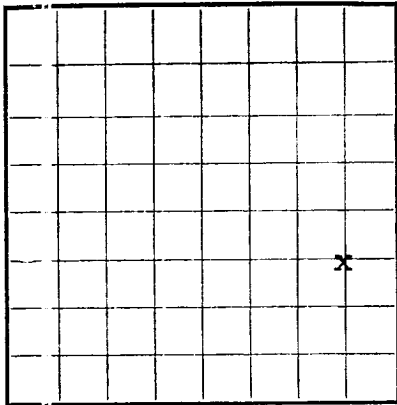


U. S. LAND OFFICE LC-032592 (b)
SERIAL NUMBER 41682
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Estimate #7407)

LOG OF OIL OR GAS WELL

Company The Texas Company Address Box 1720, Fort Worth 1, Texas
Lessor or Tract C.C. Fristoe (b) NCT-2 Field Langlie-Mattix State New Mexico
Well No. 2 Sec. 26 T. 24 S. R. 37 E Meridian NMPM County Lea
Location 198 ft. N. of S. Line and 660 ft. E. of E. Line of Sec. 26 Elevation 3178 (DF)
(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.

Signed _____

Date December 28, 1949 Title Dist. Supt.

The summary on this page is for the condition of the well at above date.

Commenced drilling October 6, 1949 Finished drilling November 10, 1949

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3340 to 3400 (G) No. 4, from _____ to _____
No. 2, from 3405 to 3506 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 2, from _____ to _____
No. 3, from _____ to _____ No. 4, from _____ to _____
No. 5, from _____ to _____ No. 6, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Out and pulled from	Perforated	Purpose
9 5/8	125.4	8	ERT	800	Hallib	3250		
7	32.50	8	Hallib	425	Hallib	3506		

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	1254	800	Hallib	-	-
7	3250	425	Hallib	-	-

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
-	-	DuPont SOWE #1	200 lbs	11-11-49	3405-3505	3506

TOOLS USED

Rotary tools were used from 0 feet to 3250 feet, and from _____ feet to _____ feet
Cable tools were used from 3250 feet to 3506 feet, and from _____ feet to _____ feet

DATES

On December 28, 1949 Put to producing November 13, 1949
The production for the first 24 hours was 15.8 barrels of fluid of which 100% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, 36.6 API
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Everett Webb, Driller C. P. Stewart, Driller
L. D. Barnes, Driller Townsend, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Sand, Red Beds & Shells
50	998	948	Red Beds & Shells
998	1088	90	Red Beds, Sand & Shells
1088	1175	87	Red Rock & Shells
1175	1218	43	Red Beds, Shale & Sand
1218	1232	14	Red Beds & Anhydrite
1232	1277	45	Anhydrite
1277	1337	110	Anhydrite & Sand
1337	1485	98	Anhydrite, Sand & Salt
1485	1565	80	Sand, Anhydrite & Potash
1565	1697	132	Anhydrite & Salt
1697	1840	143	Potash, Salt & Anhydrite
1840	2330	490	Anhydrite & Salt
2330	2395	65	Anhydrite
2395	2425	30	Anhydrite & Gyp
2425	2603	178	Anhydrite
2603	3179	576	Anhydrite & Lime
3179	3215	36	Lime
3215	3250	35	Anhydrite & Lime
3250	3305	55	Lime
3305	3330	25	Lime & Anhydrite
3330	3506	171	Lime
3506 Total Depth			

All measurements from rotary table or 9' above ground.

FROM— TO— TOTAL FEET (OVER) ELEVATION 16-43004-2

FORMATION RECORD—Continued

A blank sheet of graph paper with a grid pattern. The grid consists of horizontal and vertical lines forming squares. There are approximately 10 columns and 8 rows visible. A small 'X' mark is drawn at the intersection of the third column from the left and the fourth row from the bottom.

LOCATE WELL CORRECTLY

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.

Signed _____

Location 100 ft. S. of S. line and 500 ft. E. of E. line of sec. 36

Well No. 2 Sec. 36 T. 37N R. 37E Meridian

Owner or Tract U. S. Forest (b) NCT-2

Field Langhals-Hallix State New Mexico

Company The Texaco Company

Address Box 1730, Fort Worth 1, Texas

Elevation 5125 (Elevation relative to sea level)

Commenced drilling October 6, 1949 Finished drilling November 10, 1949

The summary on this page is for the condition of the well at above date.

Date December 24, 1949 Title Date Dept.

OIL OR GAS SANDS OR ZONES

No. 1, from 3340 to 3400 (C) No. 4, from to
No. 2, from 3405 to 3500 No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

A.M.: 10-6-79, and ID 3506, was reached 8:00 P.M., 11-10-79. Shot well with 200 qts. SOME #1 3405-3505 at 6:20 P.M. 11-11-79. Cleared out well and ran tubing to 3479. No flow test 12-23-79 well flowed 15.8 gals./min. 8 hours. GOR 1250, Gra. 36.6 lbs./cu ft. choke 12/64" for flowline oil thru 12/64" chokes.

[illegible]

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

DATE	WHEELS SET	NUMBER SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-24		400	SHILLIP	-	-
12-30		450	SHILLIP	-	-

PLUGS AND ADAPTERS

Adaptors - Material	Size	Length	Depth set
Flaring plug - Material			

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned and
" "	" "	Ballistite	300 lbs.	Oct-11-19	3405-3505	3505

TOOLS USED

3250	feet to	3250	feet and from	feet to	feet
3250	feet to	3250	feet and from	feet to	feet

DATE

Put to producing November 13, 1926 11.8 barrels of fluid of which 100% was oil; 1.2% Gravity, 30.6 Gallons gasoline per 1,000 cu. ft. of gas	The production for the first 24 hours was 2% water; and 2% sediment. It was well, cu. ft. per 24 hours
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EMPLOYEES

Driller	Stewart, J. H.	Driller	Widd, J. H.
Driller	Young, J. H.	Driller	Young, J. H.

FORMATION RECORD

FORMATION	TOTAL FEET	TO-	FROM-
Time	171	3500	3500
Time & Anhydrite	25	3330	3305
Time	25	3305	3280
Time	35	3250	3245
Anhydrite & Lime	35	3215	3170
Lime	36	3179	3170
Anhydrite & Lime	576	2603	2546
Anhydrite	178	2425	2395
Anhydrite & Gyp	30	2395	2330
Anhydrite	65	1840	1807
Anhydrite & Salt	143	1585	1552
Potash, Salt & Anhydrite	132	1552	1487
Anhydrite & Salt	132	1487	1454
Anhydrite, Sand & Salt	25	1454	1389
Anhydrite & Sand	110	1389	1305
2	2228	374	1305
1-1/4 .	2772	1172	1269
9/7	3270	1172	1255
Red Beds & Anhydrite	14	1172	1175
Red Beds, Shale & Sand	43	1175	1175
Red Rock & Shells	27	1088	1058
Red Beds, Sand & Shells	90	998	998
Red Beds & Shells	248	750	750
Sand, Red Beds & Shells	50	50	0
3500 Total Depth			