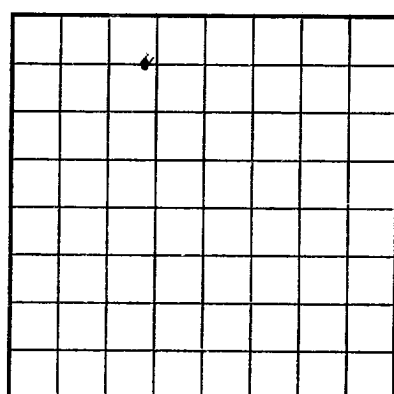


U. S. LAND OFFICE **LC-032592(b)**
SERIAL NUMBER **41682**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY (ESTIMATE #7612)**LOG OF OIL OR GAS WELL**

Company The Texas Company Address Box 1720, Ft. Worth 1, Texas
Lessor or Tract C.C. Fristoe(b) NCT-3 Field Langlie-Mattix State New Mexico
Well No. 3 Sec. 30 T. 24S R. 37E Meridian NM County Lea
Location 660 ft. N of N Line and 1917 ft. E of W Line of Sec. 30 Elevation 3276 (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 [Signature]
Title Asst. Dist. Supt.Date December 8, 1949

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

Commenced drilling October 30, 1949 Finished drilling November 16, 1949

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2960 to 3030 No. 4, from 3030 to 3120
No. 2, from 3040 to 3120 No. 5, from 3120 to 3134
No. 3, from 3134 to 3134 No. 6, from 3134 to 3134

IMPORTANT WATER SANDS

No. 1, from 3134 to 3134 No. 3, from 3134 to 3134
No. 2, from 3134 to 3134 No. 4, from 3134 to 3134

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9-5/8	36#	8HT	Sale	964	Hallib	—	—	—	—
9-5/8	32-3/4#	8HT	Sale	498	Hallib	—	—	—	—
7"	20#	8HT	Sale	3134	Baker	—	3040	3120	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	1164	600	Hallib	—	—
7"	3133	400	Hallib	—	—

PLUGS AND ADAPTERS

Heaving plug—Material — Length — Depth set —
Adapters—Material — Size —

ACIDIZING SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	15%	Western	500 gals	11-18-49	3040-3120	—
	20%	Western	500 gals	11-19-49	3040-3120	—

TOOLS USED

Rotary tools were used from 0 feet to 3134 feet, and from — feet to — feet
Cable tools were used from — feet to — feet, and from — feet to — feet

DATES

December 8, 1949 Put to producing November 18, 1949
On 11-25-49 for the first 23 hours was 63 barrels of fluid of which 100 % was oil; — %
emulsion; — % water; and — % sediment. Gravity, °Bé API 39

If gas well, cu. ft. per 24 hours — Gallons gasoline per 1,000 cu. ft. of gas —Rock pressure, lbs. per sq. in. —

EMPLOYEES

G. W. Townsend, Driller L. D. Barnes, Driller
Ernest Webb, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	290	290	Red Beds
290	620	330	Red Beds & Sand
620	745	125	Sand
745	850	105	Red Beds & Sand
850	980	130	Red Beds & Shells
980	1105	125	Red Beds & Sand
1105	1165	60	Anhydrite
1165	1255	90	Anhydrite & Salt
1255	1350	95	Anhydrite & Shale
1350	2740	1390	Anhydrite & Salt
2740	2853	113	Anhydrite
2853	2893	40	Lime & Shale
2893	2934	41	Lime
2934	2950	16	Lime & Anhy
2950	3050	100	Lime & Sand
3050	3083	33	Lime, Anhydrite & Sand
3083	3134	51	Lime
	3134	Total Depth	
	3125	Plugged Back Total Depth	

All measurements from rotary table or 9' above ground.

Deviation Tests

FROM—	TO—	FEET	DEVIATION
	272	1/2	1638 3/4
	393	1 1/4	2013 1 1/4
	1163	1	3447 1 1/4

FORMATION RECORD—CONTINUED

U.S. LAWS OFFENSE
Sent to Prison
LAW ENFORCEMENT TO INVEST

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

A blank sheet of graph paper with a grid pattern. The grid consists of horizontal and vertical lines forming small squares. There are two dark spots or marks on the grid, one near the top center and another slightly below it towards the right side.

ACKNOWLEDGMENTS

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

Location of Well No. _____ Section _____ Township _____ Range _____

_____ Line and _____^N/_S of _____ Line of _____ Elevation _____

_____ County _____ State _____

Field Notes _____

Address _____ Company _____

.....bourgeois

Completed drilling _____ 10 _____ Finished drilling _____ 19 _____

OIL OR GAS SANDS OR ZONES

This well was drilled to total depth 3137'. Drilling operations commenced at 3:30 P.M. 10-30-49 and total depth was reached 12:45 PM 11-10-49. 7" casing was run & cemented in hole. Drilled out cement inside 7" casing to BPTH 1125'. 11-16-49 Perforated 7" casing 3040-3120 with 6 - 1/2" holes per ft on 11-17-49. 2-1/2" RUE tubing was run to 3161'. Swabbed well to 400' off bottom. Show of oil. Acidized to 3161'. Perforations with 500 gals 15% western acid on 11-18-49. Swabbed 12 hours. Recovered oil load, acid residue and 27 bbls new oil. Reacidized with 500 gals 20% western acid. Flowed 25 hours 63 bbls pipe line oil, 11-25-49 Gravity 36. GOR 1966 (see page 10)

12-1/4 hole to 1165

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
0	10	10	Gravel
10	20	20	Sand
20	30	30	Gravel
30	40	40	Sand
40	50	50	Gravel
50	60	60	Sand
60	70	70	Gravel
70	80	80	Sand
80	90	90	Gravel
90	100	100	Sand
100	110	110	Gravel
110	120	120	Sand
120	130	130	Gravel
130	140	140	Sand
140	150	150	Gravel
150	160	160	Sand
160	170	170	Gravel
170	180	180	Sand
180	190	190	Gravel
190	200	200	Sand
200	210	210	Gravel
210	220	220	Sand
220	230	230	Gravel
230	240	240	Sand
240	250	250	Gravel
250	260	260	Sand
260	270	270	Gravel
270	280	280	Sand
280	290	290	Gravel
290	300	300	Sand
300	310	310	Gravel
310	320	320	Sand
320	330	330	Gravel
330	340	340	Sand
340	350	350	Gravel
350	360	360	Sand
360	370	370	Gravel
370	380	380	Sand
380	390	390	Gravel
390	400	400	Sand
400	410	410	Gravel
410	420	420	Sand
420	430	430	Gravel
430	440	440	Sand
440	450	450	Gravel
450	460	460	Sand
460	470	470	Gravel
470	480	480	Sand
480	490	490	Gravel
490	500	500	Sand
500	510	510	Gravel
510	520	520	Sand
520	530	530	Gravel
530	540	540	Sand
540	550	550	Gravel
550	560	560	Sand
560	570	570	Gravel
570	580	580	Sand
580	590	590	Gravel
590	600	600	Sand
600	610	610	Gravel
610	620	620	Sand
620	630	630	Gravel
630	640	640	Sand
640	650	650	Gravel
650	660	660	Sand
660	670	670	Gravel
670	680	680	Sand
680	690	690	Gravel
690	700	700	Sand
700	710	710	Gravel
710	720	720	Sand
720	730	730	Gravel
730	740	740	Sand
740	750	750	Gravel
750	760	760	Sand
760	770	770	Gravel
770	780	780	Sand
780	790	790	Gravel
790	800	800	Sand
800	810	810	Gravel
810	820	820	Sand
820	830	830	Gravel
830	840	840	Sand
840	850	850	Gravel
850	860	860	Sand
860	870	870	Gravel
870	880	880	Sand
880	890	890	Gravel
890	900	900	Sand
900	910	910	Gravel
910	920	920	Sand
920	930	930	Gravel
930	940	940	Sand
940	950	950	Gravel
950	960	960	Sand
960	970	970	Gravel
970	980	980	Sand
980	990	990	Gravel
990	1000	1000	Sand
Total depth 1000 feet			
Gravel 500 feet			
Sand 500 feet			

DEC 1 1938

FORMATION

Gravel

Sand

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FORMATION RECORD—Continued