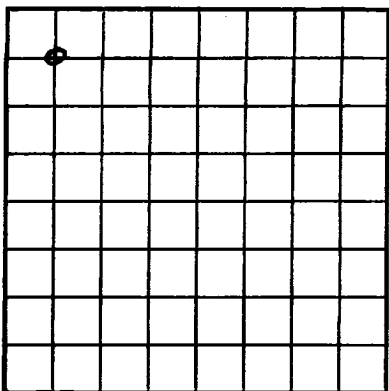


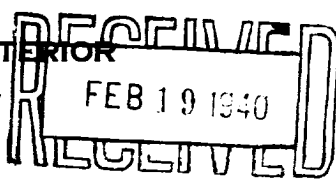


4587

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 032592
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



HOBBS OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Texas Company Address Box 1270, Midland, Texas.
Lessor or Tract C. C. Fristoe Field Langlie State New Mexico.
Well No. 6 Sec. 35 T. 24-S R. 37-E Meridian N.M.P.M. County Lea
Location 660 ft. N. of N Line and 660 ft. E. of W Line of Sec. 35 Elevation 3195
(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 has been determined from all available records.

Date February 15th, 1940 Signed A. J. Holland Title Ass't District Supt.

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

Commenced drilling 11-2-, 1939 Finished drilling 2-9-, 1940

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3250' to 3280' (Gas) No. 4, from _____ to _____
No. 2, from 3280' to 3318' No. 5, from _____ to _____
No. 3, from 3318' to 3351' No. 6, from _____ to _____
IMPORTANT WATER SANDS
No. 1, from 405' to 408' No. 3, from _____ to _____
No. 2, from 408' to 410' No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13"	40	8V	LW	168'	Reg. Pattern				
10 5/8"	35	8V	LW	168'	Reg. Pattern				
8 1/2"	30	8V	LW	168'	Reg. Pattern				
7"	25	8V	LW	168'	Reg. Pattern				
2"	4.70	8 RQ	Salas	3517'	Upset tubing set at 3518'				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13"	174'	50	Halliburton		
8 1/2"	1295'	100	"		
7"	3369'	125	"		

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
5"	20 Shells	Nitroglycerine	400 qts	1-18-40	3410-3518	3518'

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3518' feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 2-9-, 1940

The production for the first 24 hours was 110 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 37

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

Rock pressure, lbs. per sq. in. _____ Gas Oil Ratio 2809

EMPLOYEES

D. E. Vandervort, Driller Grover Parish, Driller
J. H. Lowe, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	35	35	Caliche & Sand
35	90	55	Sand
90	145	55	Red Rock
145	150	5	Shells & Gravel
150	175	25	Red Rock
175	220	45	Blue Shale
220	350	130	Red Rock
350	365	15	Sandy Shale
365	405	40	Shale
405	510	105	Sand
510	530	20	Red Rock
530	615	85	Sand
615	920	305	Red Rock & Shale
920	947	27	Red Rock
947	1075	128	Anhydrite
1075	1080	5	Soft Sand
1080	1115	35	Anhydrite, Salt, & Shale Breaks
1115	1200	85	Salt & Red Rock
1200	1280	80	Anhydrite
1280	1300	20	Salt & Shale
1300	1305	5	Anhydrite
1305	2135	830	Anhydrite, Salt, & Shells
2135	2265	130	Salt
2265	2280	15	Salt & Shells

A 10x10 grid of squares. A small circle is located in the top right corner, specifically in the square at row 1, column 10.

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

[illegible]

OIL OR GAS SANDS OR ZONES

(D) and (E)

The above well was shut in 1-18-70 with 400 quarts nitro- casing record
The shot was tamped with 40 lb of gravel
and the hole loaded with oil.
Flowing from 3710'-3535'.
No. 8 from 10' to 12' 60 ft prior to entering the well produced 77 barrels pipe line
oil in 27 hours swabbing interval. Worked over and cleaning out to bottom,
the 7" casing at 3360', and the well flowed 110 barrels pipe line
oil through 3 1/2" choke, 27 hours, with gas oil ratio 2809.
No. 4 from 10' to 12'

Casing size per foot	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13 1/2	40	8 1/2							

HISTORY OF OIL OR GAS WELL

Size (casing)	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13"	174'	100	Hydraulic		
15"	188'	100			
21"	208'	100			

PLUGS AND ADAPTERS

Adapters—Material	Size	Length	Depth set
Heaving plug—Material			

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
5"	308 size H. C. 100					250 ft

2321 CLOT

Rotary tools were used from	feet to	feet and from	feet to
Cable tools were used from	feet to	feet and from	feet to

DATE

Rock pressure the same as in No. 1	10
It gas well, cut. ft. per 24 hours	10
Emulsion: - % water; and - % sediment	10
The production for the first 24 hours was 11.1 barrels of fluid of which 100 % was oil	10
Part to producing	10

EMPLOYEES

Driller		Driller	
Driller		Driller	

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
3565	3560	5	Gravelly sand
3560	3555	5	Gravelly sand
3555	3550	5	Gravelly sand
3550	3545	5	Gravelly sand
3545	3540	5	Gravelly sand
3540	3535	5	Gravelly sand
3535	3530	5	Gravelly sand
3530	3525	5	Gravelly sand
3525	3520	5	Gravelly sand
3520	3515	5	Gravelly sand
3515	3510	5	Gravelly sand
3510	3505	5	Gravelly sand
3505	3500	5	Gravelly sand
3500	3495	5	Gravelly sand
3495	3490	5	Gravelly sand
3490	3485	5	Gravelly sand
3485	3480	5	Gravelly sand
3480	3475	5	Gravelly sand
3475	3470	5	Gravelly sand
3470	3465	5	Gravelly sand
3465	3460	5	Gravelly sand
3460	3455	5	Gravelly sand
3455	3450	5	Gravelly sand
3450	3445	5	Gravelly sand
3445	3440	5	Gravelly sand
3440	3435	5	Gravelly sand
3435	3430	5	Gravelly sand
3430	3425	5	Gravelly sand
3425	3420	5	Gravelly sand
3420	3415	5	Gravelly sand
3415	3410	5	Gravelly sand
3410	3405	5	Gravelly sand
3405	3400	5	Gravelly sand
3400	3395	5	Gravelly sand
3395	3390	5	Gravelly sand
3390	3385	5	Gravelly sand
3385	3380	5	Gravelly sand
3380	3375	5	Gravelly sand
3375	3370	5	Gravelly sand
3370	3365	5	Gravelly sand
3365	3360	5	Gravelly sand
3360	3355	5	Gravelly sand
3355	3350	5	Gravelly sand
3350	3345	5	Gravelly sand
3345	3340	5	Gravelly sand
3340	3335	5	Gravelly sand
3335	3330	5	Gravelly sand
3330	3325	5	Gravelly sand
3325	3320	5	Gravelly sand
3320	3315	5	Gravelly sand
3315	3310	5	Gravelly sand
3310	3305	5	Gravelly sand
3305	3300	5	Gravelly sand
3300	3295	5	Gravelly sand
3295	3290	5	Gravelly sand
3290	3285	5	Gravelly sand
3285	3280	5	Gravelly sand
3280	3275	5	Gravelly sand
3275	3270	5	Gravelly sand
3270	3265	5	Gravelly sand
3265	3260	5	Gravelly sand
3260	3255	5	Gravelly sand
3255	3250	5	Gravelly sand
3250	3245	5	Gravelly sand
3245	3240	5	Gravelly sand
3240	3235	5	Gravelly sand
3235	3230	5	Gravelly sand
3230	3225	5	Gravelly sand
3225	3220	5	Gravelly sand
3220	3215	5	Gravelly sand
3215	3210	5	Gravelly sand
3210	3205	5	Gravelly sand
3205	3200	5	Gravelly sand
3200	3195	5	Gravelly sand
3195	3190	5	Gravelly sand
3190	3185	5	Gravelly sand
3185	3180	5	Gravelly sand
3180	3175	5	Gravelly sand
3175	3170	5	Gravelly sand
3170	3165	5	Gravelly sand
3165	3160	5	Gravelly sand
3160	3155	5	Gravelly sand
3155	3150	5	Gravelly sand
3150	3145	5	Gravelly sand
3145	3140	5	Gravelly sand
3140	3135	5	Gravelly sand
3135	3130	5	Gravelly sand
3130	3125	5	Gravelly sand
3125	3120	5	Gravelly sand
3120	3115	5	Gravelly sand
3115	3110	5	Gravelly sand
3110	3105	5	Gravelly sand

FORMATION RECORD—Continued