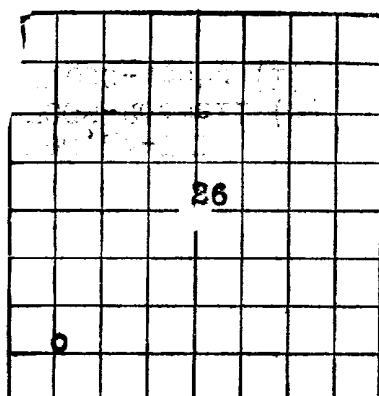
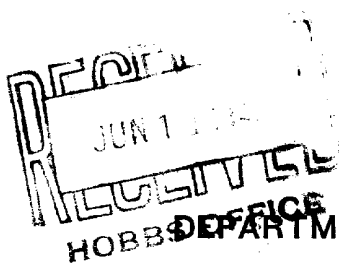




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **032592**LEASE OR PERMIT TO PROSPECT
C. C. Fristoe (b)DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Texas Company Address Box 1720 Fort Worth, Texas
Lessor or Tract C. C. Fristoe (b) Field Mattix State New Mexico
Well No. 1 Sec. 26 T. 24-N R. 37-E Meridian NMPM County Lea
Location 660 ft. N of S Line and 660 ft. E of W Line of Sec. 26 Elevation 3200 (L&S)
(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 District Superintendent

Date June 11, 1940

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

Commenced drilling March 4, 1940 Finished drilling June 1, 1940

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2810 to 2820 0 No. 4, from 3391 to 3475
No. 2, from 3332 to 3338 G No. 5, from _____ to _____
No. 3, from 3384 to 3386 G No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 420 to 435 No. 3, from _____ to _____
No. 2, from _____ to _____ 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	151	Reg. Pat.				
10-5/8"	32.75	8V	LW	691	" "	All Pulled.			
8-5/8"	32	8V	LW	1260	Tex. Pat.				
7"	24	8M.	Sals	3378	" "				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13"	165'	50 sacks	Halliburton		
8-5/8"	1256'	100 "	"		
7"	3356'	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
4-3/4"	12	Nitroglycerine	240	5-18-40	3398-3475	to 3475

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3510 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing June 1, 1940

The production for the first 24 hours was 33 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 34

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-2059

EMPLOYEES

Lunsford _____, Driller Tubbs _____, Driller
G. C. Parish _____, Driller _____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	25	25	Caliche
25	90	65	Sand
90	190	100	Red Rock & Red Beds
190	420	230	Red Beds & Shale
420	435	15	Water Sand
435	630	195	Sand & Shale
630	685	55	Red Rock
685	950	265	Red Shale & Red Beds
950	1075	125	Anhydrite
1075	1250	175	Anhydrite, Salt, & Shale
1250	1340	90	Anhydrite
1340	1545	205	Anhydrite, Salt & Potash
1545	1655	110	Salt
1655	2011	356	Salt & Anhydrite
2011	2110	99	Salt
2110	2295	185	Salt & Anhydrite Stringers
2295	2405	110	Anhydrite
2405	2475	70	Anhydrite & Lime
2475	2650	175	Anhydrite & Sand
2650	2750	100	Anhydrite & Lime
2750	2955	205	Lime
2955	3220	265	Lime & Anhydrite
3220	3332	112	Hard Lime
3332	3350	18	Slightly Porous Lime

(OVER)

FORMATION RECORD—Continued

FROM	TO	TOTAL FEET	FORMATION
3350	3370	20	Hard Lime
3370	3410	40	White Sandy Lime
3410	3475	65	Medium Lime & some sand
3475	3490	15	Hard Lime
3490	3495	5	Shale
3495	3510	15	Hard Lime
Total Depth-3510'			PB to 3475'
Deviation Tests			
508' - 10°			
1015' - 2°			
1524' - 0°			
2032' - 1°			
2500' - 1°			
2950' - 0°			

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, 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, 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 bailing.

This well was drilled to a total depth of 3510'. Without encountering any oil producing formation below 3475', it was therefore plugged back from 3510' to 3475' with rock, lead wool and steel outtings to plug off a shale break from 3490'-3495' and the non-productive section. After plugging back the well produced approximately 11 bbls. oil per day swabbing before it was shot on 5-18-40 with 240 quarts of nitro-glycerine from 3398'-3475'. After shooting & cleaning out, the well produced 58 bbls. oil thru 3" tubing in 84 hrs. flowing by heads. In order to make the well flow steadily, a Robinson formation packer was run on 2" tubing and set at 3307'. After setting the packer, the well produced 33 bbls. of pipe line oil in 24 hours flowing with a gas-oil ratio of 2059.

PDC, Jr-JSD
WGS-Hobbs (3)
WGS-Hobbs (1)

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OR OIL OR GAS WELL

MATTIX

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[illegible]