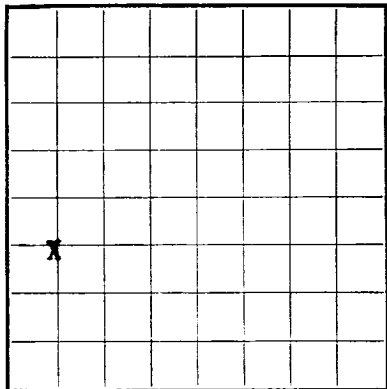


U. S. LAND OFFICE ARLUSIA
SERIAL NUMBER NM-08529
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Texas Company Address P.O. Box 352, Midland, Texas
Lessor or Tract Ets. Federal NCT-1 Field Square Lake State New Mexico
Well No. 1 Sec. 31 T. 16-S R. 30-E Meridian MPM County Eddy
Location 1980 ft. ^(N.)_(XX) of S Line and 660 ft. ^(E.)_(XX) of W Line of Section 31 Elevation 3712 (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 January 13, 1959 Title Assistant District Supt.

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

Commenced drilling December 20, 19 58 Finished drilling December 31, 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2720 to 2746 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 sands tested.

IMPORTANT WATER SANDS

No. 1, from _____ to _____ 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—	
8 5/8	24.00	8R	J-55	461'	Baker	None			Surface Production
4 1/2	11.60	8R	J-55	2784'	Baker	None	2720	2746	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	475'	500	Howco	--	--
4 1/2"	2795'	300	Howco	--	--

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
<u>None</u>						

TOOLS USED

Rotary tools were used from 0 feet to 2795 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 13, 19 59 Put to producing January 10, 19 59
The production for the first 24 hours was 240 barrels of fluid of which 100% was oil; --% emulsion; --% water; and --% sediment. Gravity, °Bé. 35.5
If gas well, cu. ft. per 24 hours None Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. J. Bishop, Driller T. O. McElveen, Driller
L. C. Whattley, Driller D. B. Lamb, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	113	113	Caliche
113	475	362	Red Bed
475	655	180	Red bed, Anhy & Salt
655	1080	425	Anhy
1080	1275	195	Anhy & Salt
1275	1441	166	Anhy & Lime
1441	2075	634	Anhy & Shale
2075	2697	622	Anhy & Lime
2697	2795	98	Lime

TOTAL DEPTH 2795
PBTB 2765

All measurements from rotary table or 7' above ground level.

DEVIATION RECORD

DEPTH	DEGREES OFF
975	
1275	1
1810	3/4
2060	3/4
2260	3/4
2460	3/4
2690	3/4
2795	3/4

Estimate No. 6221

FORMATION RECORD—Continued

FROM-	TO-	TOTAL FEET	FORMATION
			SHOOTING RECORD TOOL USED DATES FORWARD THE RECORD

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 "underlashed" 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 bailing.

Spooled 121' hole @ 50 A.M. 12-20-58. Run bit. at 8 5/8" OD casing and set at 4750' with 4000 lb. bit and 100 lb regular cement. Cement placed and casing tested with 1000 PSI for 30 minutes before and after drilling plug.

MAN 27404 of 1 1/2" OD casing and set at 2795' with 300 cc regular cement tested with 1500 PSI for 30 minutes before and after drilling plug.

Performs 1 1/2" OD casing from 7200 to 7400 ft. Set shot's per foot. Acidize with 1000 gals regular, 15% acid. Sand frac with 20,000 gals refined oil and 40,000 lbs sand. Job complete 12:15 P.M., 1-4-59.

Run 24" twining and set at 2736. Recovered Lead Oil.

Total depth - 2795.
 BRID - 2765.
 Quantity - 35.3
 GCR - 395
 Top of Pay-2720.
 Run of Pay-2716.
 MHOOC Date 12-31-58
 LICO Date 1-10-59