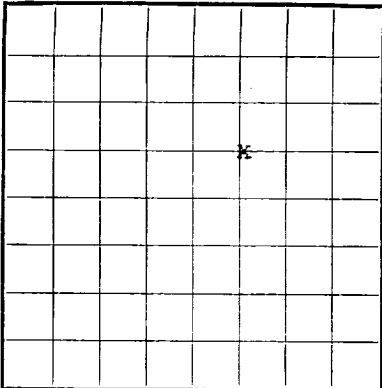


U. S. LAND OFFICE ML 08528
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____



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 Etz Federal NCT-2 Field Square Lake State New Mexico
Well No. 1 Sec. 31 T. 16-SR. 30-2 Meridian NMP County Eddy
Location 1980 ft. N of N Line and 1980 ft. W of E Line of Sec. 31 Elevation 3715 (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 January 21, 1959

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

Commenced drilling January 2, 1959 Finished drilling January 11, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2758 to 2796 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Drilled with rotary tools and now water sands tested.
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#	8 Rd	J-55	465'	Baker	None			Surface Production
4 1/2"	1660#	8 Rd	J-55	2823'	Baker	None	2758'	2796'	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	175'	500 Reg.	HWC	--	--
4 1/2"	2835'	300 Reg.	HWC	--	--

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
none						

TOOLS USED

Rotary tools were used from _____ feet to 2835 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 20, 1959 Put to producing January 19, 1959
The production for the first 24 hours was 240 barrels of fluid of which 100 % was oil; -- % emulsion; -- % water; and -- % sediment. Gravity, °Bé. 35.4
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

T.O. McIlveen, Driller I.L. Grace, Jr., Driller
D.R. Lamb, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	295	295	Red Bed
295	475	180	Red Bed & Anhy
475	1660	1185	Salt & Anhy
1660	1863	203	Anhy & Shale
1863	1993	130	Anhy
1993	2107	114	Anhy & Sand
2107	2220	113	Anhy
2220	2649	429	Anhy & Lime
2649	2762	113	Lime
2762	2835	73	Lime & Sand
TOTAL DEPTH	2835		
PETD	2810		

DEVIATION RECORD

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

DEPTH	DEGREES OFF
300	1/2
975	1
1275	3/4
1487	1
2250	1/2
2430	1/2
2580	3/4
2665	3/4

FORMATION RECORD—Continued

[illegible]

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, 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.

Spudded 12 1/4 hole 4:00 P.M. 1-2-59. Ran 465' of 8 5/8" OD 2 1/2" casing & set @ 475'.
Casing cemented. Cement circulated. Casing tested w/1000 PSI for 30 minutes
before and after drilling plug.
Ran 2823' 1 1/2" OD casing and set at 2835'. With 300 sx reg. cement casing tested
with 1500 PSI for 30 minutes before and after drilling plug. Ran radiologically logs.
Perforated 1 1/2" and from 2750' to 2796' with 1/2" jet shots per ft. Acidize
with 1000 gal 15% HF acid. Sand free with 20,000 gals refined oil and 40,000# sand.
Job complete 11:30 A.M. 1-19-59. 2 1/2" casing set at 2801'.
Regrouted sand oil.
On 4 hour IT ending 1:30 P.M. 1-19-59 well flowed 40 BO & no water thru 22/64" choke.
Total depth-2835'
KID-2810'
Gravity-35.4
GOR 295.
Top of Pay-2796'
Bottom of Pay-2796'
KIDOG Date 1-11-59
ITCO Date 1-19-59

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

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