

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 028978 (a)
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Texas Company Address Box 1720, Fort Worth, Texas
Lessor or Tract Leo R. Manning "A" Field Leo State New Mexico
Well No. 3 Sec. 22 T. 18S R. 30E Meridian NMPM County Eddy
Location 661 ft. S. of N Line and 669 ft. E. of W Line of Sec. 22 Elevation 3474' (DF)
(Derrick Base relative to corner)

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.

Date 3-23-56 Signed [Signature] Title Asst. Dist. Superintendent

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

Commenced drilling 1-11-56, 1956 Finished drilling 2-29, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3285 to 3350 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 Cable Tools and No Water Sands Tested.

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
MARK	10-3/4"	625'	300	Hallib.	-	-
	5-1/2"	3285'	900	Hallib.	-	-

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

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3350 feet, and from _____ feet to _____ feet

DATES

Put to producing **3-19** _____, 19**56**_____

The production for the first 24 hours was 33 barrels of fluid of which 82 % was oil; 0 % emulsion; 18 % water; and 0 % sediment. Gravity, °Bé. 27.2

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

H. A. Bruce, Driller A. L. Morgas, Driller
B. W. Nester, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	10	10	Sand T Anhy 300'
10	20	10	Anhy T Salt 585'
20	70	50	Red Beds & Sand B Salt 1300
70	120	50	Sandy Shale Yates - 1540
120	270	150	Red Beds Queen - 2030
270	310	40	Sandy Shale Grayburg - 3060
310	315	5	Sand
315	410	95	Anhy
410	420	10	Broken Lime
420	430	30	Anhy & Shale
430	470	20	Anhy
470	478	8	Red Beds
478	490	12	Anhy
490	495	5	Lime & Shale
495	512	17	Red Beds
512	515	3	Anhy
515	540	25	Red Beds
540	550	10	Shale
550	577	27	Red Beds
577	585	8	Salt & Red Beds
585	595	10	Salt
595	625	30	Anhy
625	685	60	Salt
685	690	5	Red Beds
690	1364	674	Salt

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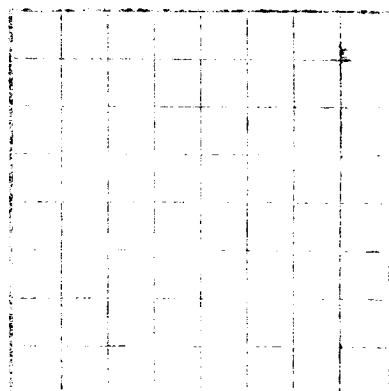


FIGURE 1. WELL LOCATION

The following information is to be filled in by the driller or owner of the well. It should be filled in as the well is being drilled or as the well is being completed. The information given here is to be used for the purpose of recording the location of the well and the nature of the formation encountered. The information given here is to be used for the purpose of recording the location of the well and the nature of the formation encountered.

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HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

FROM—	TO—	TOTAL FEET	FORMATION
1364	1390	26	any
1390	1420	30	any & salt
1420	2205	785	any
2205	2228	23	any
2228	2268	40	any & lime
2268	2720	452	any & lime
2720	2800	80	lime
2800	2820	20	any
2820	2845	25	lime
2845	2870	25	lime
2870	2895	25	lime
2895	2950	55	lime & any
2950	2975	25	lime & any
2975	3022	47	lime & any
3022	3090	68	any & sand
3090	3095	5	any & sand
3095	3110	15	any & sand
3110	3123	13	any & sand
3123	3125	2	any & sand
3125	3175	50	any & sand
3175	3185	10	any & sand
3185	3220	35	any & sand
3220	3230	10	any & sand
3230	3260	30	any & sand
3260	3280	20	any & sand
3280	3287	7	any & sand
3287	3305	18	any & sand
3305	3320	15	any & sand
3320	3340	20	any & sand
3340	3350	10	any & sand
3350	3350	0	any & sand