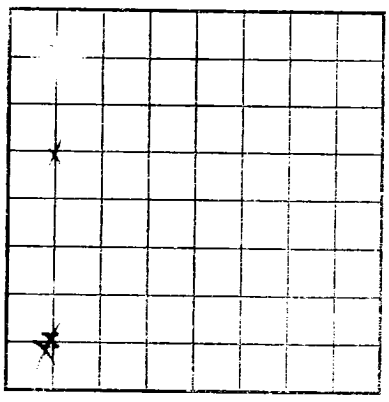
Form 9-330

Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

Copy made for Commission
9-12-53

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 031696
LEASE OR PERMIT TO PROSPECT NMFU



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Marland Production Company Address Ponca City, Oklahoma

Lessor or Tract Sophia Meyer Permit Field _____ State New Mexico

Well No. 1 Sec. 26 T. 20-S R. 37-E Meridian NMPM County Lea

Location 330 ft. {N.} of S Line and 330 ft. {E.} of W Line of NW 26 Elevation 3530
(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 W. E. Cunningham

Date 4-4-29 Title District Foreman

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

Commenced drilling 10-9-28 Finished drilling 2-21-29

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3415 to 3420 G
No. 2, from 3505 to 3505 G
No. 3, from 3535 to 3540 G
No. 4, from 3585 to 3600G
No. 5, from 3683 to 3685 G
No. 6, from 3710 to 3720 Oil
3840 3845 Oil
3810 3820 Oil

IMPORTANT WATER SANDS

No. 1, from 90 to 100
No. 2, from 375 to 385
No. 3, from 885 to 890
No. 4, from 940 to 950
3892 3898

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
20"	90#	8	Nat'l.	206	TP				
15½	70#	8	"	714	TP				
12½	50#	8	"	1079	TP				
10	40#	8	"	1670	TP				
8½	32#	8	"	2815	Tp				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
20"	206	43 Sacks	Halliburton		
10"	1670	70 sks. 20 Gal Knnset	"		
8½"	2815	100 sks. 25 Gal. Master-Kem.			

FOLD | MARK

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 3915' feet, and from _____ feet to _____ feet

DATES

_____, 19__ Put to producing 3-7-29, 19__

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

If gas well, cu. ft. per 24 hours 1½ million Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1200#

EMPLOYEES

Huffman, Driller _____, Driller

Waldron, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	70	70	Red Sand
70	90	20	Red Bed
90	100	10	Gravel 3 bailer water per hr.
100	375	275	Red Bed
375	385	10	Water Sand 10 bailer water per hr.
385	415	30	Lime
415	865	450	Red Bed
865	1145	280	Sand Hole full water 885' to -
1145	1300	155	Red Bed
1300	1360	60	Anhydrite
1360	1370	10	Red Bed
1370	1385	15	Salt
1385	1410	25	Salt and Anhydrite
1410	1425	15	Red Rock
1425	1490	65	Salt
1490	1590	100	Salt and Anhydrite
1590	1660	70	Salt and Anhydrite
1660	1665	5	Polyhalite
1665	1690	25	Anhydrite
1690	1750	60	Salt
1750	1765	15	Anhydrite
1765	2140	375	Salt
2140	2155	15	Anhydrite
2155	2300	145	Salt
2300	2330	30	Anhydrite

2330	2480	150	Salt
2480	2510	30	Anhydrite
2510	2525	15	Salt
2525	2575	50	Anhydrite
2575	2630	55	Anhydrite
2630	2633	3	Blue Shale
2633	2650	17	Anhydrite
2550	2660	10	Anhydrite
2660	2735	75	Brown Anhydrite
2735	2795	60	Anhydrite
2795	2865	70	Lime
2865	2990	125	Lime and Anhydrite
2990	3115	125	Lime
3115	3150	35	Lime and Anhydrite
3150	3195	45	Lime
3195	3205	10	Blue Shale
3205	3210	5	Anhydrite
3210	3390	180	Lime
3390	3405	15	Hard Lime
3405	3415	10	Sandy Lime
3415	3420	5	Lime (Gas Show)
3420	3440	20	Very Hard Lime
3440	3577	137	Lime (Est. 40 M. Gas at 3505')
3577	3600	23	Sandy Lime
3600	3620	20	Hard Lime
3620	3625	5	Lime
3625	3630	5	Blue Shale
3630	3633	3	Hard Lime
3633	3644	11	Lime
3644	3646	2	Gray Shale
3646	3648	2	Hard Sandy Lime
3648	3655	7	Hard Lime
3655	3797	142	Lime
3797	3810	13	Lime
3810	3812	2	Gray Shale
3812	3820	8	Soft Lime
3820	3840	20	Lime
3840	3845	5	Soft Sandy Lime
3845	3892	47	Lime
3892	3898	6	Water Sand
3898	3915	17	Lime

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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, 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.

Killed gas with 12 tons Mud (Halliburton) Preparing to shut off.

Filled hole with steel from 3915 to 3875'.

Drove lead Plug at 3875'.

Run 27 sacks cement on top of lead plug

Top of cement at 3840'.

Water shut off in good shape

Well completed as gasser.