

COPY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 054253
LEASE OR PERMIT TO PROSPECT Brainard

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company S. P. Yates Address Box 352 Artesia, N.M.
 Lessor or Tract Julia Brainard Field Loco Hills State N. Mex.
 Well No. 2 Sec. 3 T. 18S R. 29E Meridian N.M.P.M. County Eddy
 Location 330 ft. { N } of S Line and 1650 ft. { E } of W Line of Sec. 3-18S-29E Elevation 3512
 (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 J. Don Hudgens
Auditor
Date 11-30-39 Title _____

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

Commenced drilling October 16, 1939 Finished drilling November 14, 1939

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1690 to 1700 No. 4, from to
No. 2, from 2380 to 2392 No. 5, from to
No. 3, from 2 485 to 2606 No. 6, from to

IMPORTANT WATER SANDS

IMPORTANT WATER SANDS

No. 1, from No water encountered 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
8 5/8	412	50	Halliburton		
7"	2500	100	Halliburton		3 tons

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
5 1/2		Nitro-glycerine	100 cts.		2485-2606	2606

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2606 feet, and from _____ feet to _____ feet

DATES

5728	5-100	19	Put to producing	October 15,	1939
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The production for the first 24 hours was 300 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

EMPLOYEES			
C. R. Crandall	Driller	C. V. Miller	Driller
J. B. Bryant		Oscar Loyd	
	Driller		Driller

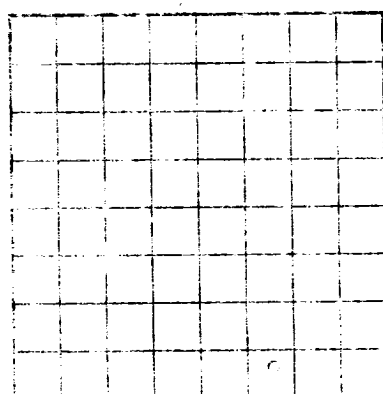
FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	100		Red sand
100	112		Anhydrite
112	117		Red mud
117	185		Anhydrite
185	255		Gypson
255	265		Red rock
265	275		Red sand & gravel
275	320		Red sand
320	345		Anhydrite
345	355		Red rock
355	360		Gyp & red rock
360	380		Red rock
380	390		Anhydrite
390	395		Red beds
395	408		Salt
408	410		Potash
410	855		Salt & potash
855	960		Anhydrite
960	975		Lime
975	990		Anhydrite
990	1020		Anhydrite & lime
1020	1065		Anhydrite
1065	1120		Anhydrite broken with red beds & sand
1120	1170		Anhydrite & sandy red rock
1170	1175		Anhydrite
1175	1180		Red rock

(OVER)

16-43094-2

[illegible]



LOG OF OIL OR GAS WELL

UNITED STATES
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The information given herewith is as complete and correct record of the work done by the
so far as can be determined from all available sources.

Location _____ of _____ of _____
Well No. _____ Sec. _____ Twp. _____ R. _____ S. _____
Lessor's Trust _____ Field _____ State _____
Company _____

Address _____
County _____ State _____

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

GIL OF GAS SANDS OR ZONES

No. 1		No. 2		No. 3	
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10
11	11	11	11	11	11
12	12	12	12	12	12
13	13	13	13	13	13
14	14	14	14	14	14
15	15	15	15	15	15
16	16	16	16	16	16
17	17	17	17	17	17
18	18	18	18	18	18
19	19	19	19	19	19
20	20	20	20	20	20
21	21	21	21	21	21
22	22	22	22	22	22
23	23	23	23	23	23
24	24	24	24	24	24
25	25	25	25	25	25
26	26	26	26	26	26
27	27	27	27	27	27
28	28	28	28	28	28
29	29	29	29	29	29
30	30	30	30	30	30
31	31	31	31	31	31
32	32	32	32	32	32
33	33	33	33	33	33
34	34	34	34	34	34
35	35	35	35	35	35
36	36	36	36	36	36
37	37	37	37	37	37
38	38	38	38	38	38
39	39	39	39	39	39
40	40	40	40	40	40
41	41	41	41	41	41
42	42	42	42	42	42
43	43	43	43	43	43
44	44	44	44	44	44
45	45	45	45	45	45
46	46	46	46	46	46
47	47	47	47	47	47
48	48	48	48	48	48
49	49	49	49	49	49
50	50	50	50	50	50
51	51	51	51	51	51
52	52	52	52	52	52
53	53	53	53	53	53
54	54	54	54	54	54
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56	56	56	56	56	56
57	57	57	57	57	57
58	58	58	58	58	58
59	59	59	59	59	59
60	60	60	60	60	60
61	61	61	61	61	61
62	62	62	62	62	62
63	63	63	63	63	63
64	64	64	64	64	64
65	65	65	65	65	65
66	66	66	66	66	66
67	67	67	67	67	67
68	68	68	68	68	68
69	69	69	69	69	69
70	70	70	70	70	70
71	71	71	71	71	71
72	72	72	72	72	72
73	73	73	73	73	73
74	74	74	74	74	74
75	75				

IMPORTED WATER 12400

[illegible]

READING PLAN

[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 "detacked," 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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-55087-1

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