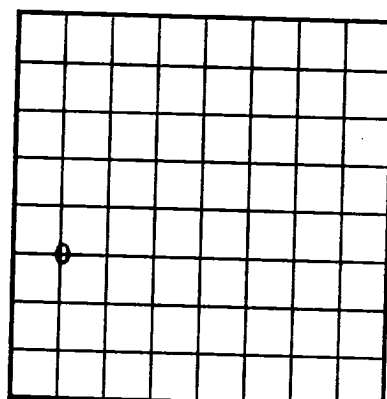


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 056302 B
LEASE OR PERMIT TO PROSPECT Lease

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company G. B. Surres Address Box 660, Tulsa, Oklahoma
Lessor or Tract Johnson Field Square Lake State New Mexico
Well No. 8 B Sec. 34 T. 16 R. 31 Meridian N. 10. E. County Eddy
Location 1980ft. (N. of S. Line and 660ft. (E. of W. Line of Sec. 34) Elevation 3994
(Derivat 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 B. E. KennedyDate _____ Title Drilling Surt.

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

Commenced drilling June 6, 1945 Finished drilling Sept 13, 1945

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3430 to 3440 No. 4, from 3678 to 3700
No. 2, from 3487 to 3497 No. 5, from _____ to _____
No. 3, from 3535 to 3570 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2845 to 2876 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	28	8	Used	750	Tex.				
5 1/2	11	8	Used	2950	Tex.	Pulled 2950			
5 1/2	11	8	Used	3396	Tex.				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	750	50	Halliburton		10 sacks
7"	2950	100	Halliburton		10 sacks aquagel
5 1/2	3396	100	Halliburton		10 sacks aquagel

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		Glycerin	140	9-14	3707	3728
5		Glycerin	290	9-17	3565	3728

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to 3728 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing October 6, 1945The production for the first 24 hours was 200 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment.Gravity, °Bé. 38

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller Glydie Galloway, Driller
Sam Tennent, Driller Troy Peppers, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	605	605	Red rock
605	775	170	Anhydrite
775	1760	985	Salt
1760	2845	1085	Anhydrite
2845	2876	31	Red sand
2876	3257	381	Anhydrite
3257	3306	49	Lime
3306	3350	44	Anhydrite
3350	3430	80	Lime
3430	3440	10	Sandy lime
3440	3487	47	lime
3487	3497	10	Sand
3497	3535	38	Lime
3535	3570	35	Sandy lime
3570	3678	108	Lime white
3678	3700	22	Sand
3700	3728	28	Lime

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares.

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

Title _____ Date _____

OIL OR GAS SANDS OR ZONES

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    (c) std::map::at(const Key& key)

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No. 1 from	21	to	21	No. 4 from	11	to	11
No. 2 from	21	to	21	No. 5 from	11	to	11
No. 3 from	21	to	21	No. 6 from	11	to	11

IMPORTANT WATER SAVING

No. 1 from	to	No. 3 from	to
No. 2 from	to	No. 4 from	to

CASING RECORD

Weight	Net Weight	Shipping Weight	Volume	Amount	Kind of Goods	Unit and Packing	Country of Origin	Remarks
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It is of the greatest importance to have a complete history of the well. Please state in detail the date of completion, the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "backpacked" or left in the well, give the date and location. If the well has been dynamited, give the 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

Case No.	Where set	Number bags of cement	Method used	Kind of gravel	Amount of mud used
10	100	100	100	100	100
11	100	100	100	100	100
12	100	100	100	100	100
13	100	100	100	100	100
14	100	100	100	100	100
15	100	100	100	100	100
16	100	100	100	100	100
17	100	100	100	100	100
18	100	100	100	100	100
19	100	100	100	100	100
20	100	100	100	100	100
21	100	100	100	100	100
22	100	100	100	100	100
23	100	100	100	100	100
24	100	100	100	100	100
25	100	100	100	100	100
26	100	100	100	100	100
27	100	100	100	100	100
28	100	100	100	100	100
29	100	100	100	100	100
30	100	100	100	100	100
31	100	100	100	100	100
32	100	100	100	100	100
33	100	100	100	100	100
34	100	100	100	100	100
35	100	100	100	100	100
36	100	100	100	100	100
37	100	100	100	100	100
38	100	100	100	100	100
39	100	100	100	100	100
40	100	100	100	100	100
41	100	100	100	100	100
42	100	100	100	100	100
43	100	100	100	100	100
44	100	100	100	100	100
45	100	100	100	100	100
46	100	100	100	100	100
47	100	100	100	100	100
48	100	100	100	100	100
49	100	100	100	100	100
50	100	100	100	100	100
51	100	100	100	100	100
52	100	100	100	100	100
53	100	100	100	100	100
54	100	100	100	100	100
55	100	100	100	100	100
56	100	100	100	100	100
57	100	100	100	100	100
58	100	100	100	100	100
59	100	100	100	100	100
60	100	100	100	100	100
61	100	100	100	100	100
62	100	100	100	100	100
63	100	100	100	100	100
64	100	100	100	100	100
65	100	100	100	100	100
66	100	100	100	100	100
67	100	100	100	100	100
68	100	100	100	100	100
69	100	100	100	100	100
70	100	100	100	100	100
71	100	100	100	100	100
72	100	100	100	100	100
73	100	100	100	100	100
74	100	100	100	100	100
75	100	100	100	100	100
76	100	100	100	100	100

PLUGS AND ADAPTERS

Leaving plug--Material	Length	Death set
Chapters--Material	Size	

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
12		60 lbs	10	10-10	10	10
12		60 lbs	10	10-10	10	10

TOOLS USED

1991	at test	most has test	at test	most has test
1992	at test	most has test	at test	most has test

SETA

The production for the first 24 hours was	19	Put to producing	19
barrels of fluid of which 10 was oil			

% water; and	% sediment
In case wet soil has been dried at 100° C.	
	Gravity, °Be

[illegible]

EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
3800	3750	50	lime
3750	3700	50	clay
3700	3650	50	lime
3650	3600	50	clay
3600	3550	50	lime
3550	3500	50	clay
3500	3450	50	lime
3450	3400	50	clay
3400	3350	50	lime
3350	3300	50	clay
3300	3250	50	lime
3250	3200	50	clay
3200	3150	50	lime
3150	3100	50	clay
3100	3050	50	lime
3050	3000	50	clay
3000	2950	50	lime
2950	2900	50	clay
2900	2850	50	lime
2850	2800	50	clay
2800	2750	50	lime
2750	2700	50	clay
2700	2650	50	lime
2650	2600	50	clay
2600	2550	50	lime
2550	2500	50	clay
2500	2450	50	lime
2450	2400	50	clay
2400	2350	50	lime
2350	2300	50	clay
2300	2250	50	lime
2250	2200	50	clay
2200	2150	50	lime
2150	2100	50	clay
2100	2050	50	lime
2050	2000	50	clay
2000	1950	50	lime
1950	1900	50	clay
1900	1850	50	lime
1850	1800	50	clay
1800	1750	50	lime
1750	1700	50	clay
1700	1650	50	lime
1650	1600	50	clay
1600	1550	50	lime
1550	1500	50	clay
1500	1450	50	lime
1450	1400	50	clay
1400	1350	50	lime
1350	1300	50	clay
1300	1250	50	lime
1250	1200	50	clay
1200	1150	50	lime
1150	1100	50	clay
1100	1050	50	lime
1050	1000	50	clay
1000	950	50	lime
950	900	50	clay
900	850	50	lime
850	800	50	clay
800	750	50	lime
750	700	50	clay
700	650	50	lime
650	600	50	clay
600	550	50	lime
550	500	50	clay
500	450	50	lime
450	400	50	clay
400	350	50	lime
350	300	50	clay
300	250	50	lime
250	200	50	clay
200	150	50	lime
150	100	50	clay
100	50	50	lime
50	0	50	clay

FORMATION RECORD—Continued