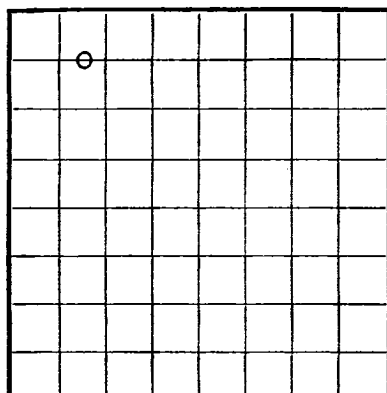


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 062486
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company John H. Trigg Address F. O. Box 5629 Roswell, New Mexico
Lessor or Tract Federal Trigg Field Caprock Queen State New Mexico
Well No. 32-4 Sec. 4 T. 14S R. 31E Meridian N.M.P.M. County Chaves
Location 664.29 ft. [N] of N. Line and 990 ft. [E] of W. Line of Section 4 Elevation 4138
(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

Hugh W. PuckettDate June 16, 1958Title Geologist

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

Commenced drilling May 17, 1958 Finished drilling May 23, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2745 to 2750 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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—	
<u>8 5/8"</u>	<u>24.4</u>		<u>J-55</u>	<u>102</u>	<u>Texas Pattern</u>				
<u>5 1/2"</u>	<u>24.4</u>		<u>J-55</u>	<u>2738</u>	<u>Guide</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8"</u>	<u>110</u>	<u>50</u>	<u>Pump</u>	<u>Cement circulated</u>	
<u>5 1/2"</u>	<u>2762</u>	<u>100</u>	<u>Pump</u>		

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 0 feet to 2762 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 28, 1958 Put to producing July 3, 1958
The production for the first 24 hours was 37 barrels of fluid of which 100% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. 36°
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

* After sand fracturing
W. E. Shelton, Driller J. B. Jones, Driller
Jack Henderson, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1100</u>	<u>1100</u>	<u>Red Beds</u>
<u>1100</u>	<u>1225</u>	<u>125</u>	<u>Anhydrite and shale</u>
<u>1225</u>	<u>1920</u>	<u>695</u>	<u>Salt and anhydrite</u>
<u>1920</u>	<u>2762</u>	<u>842</u>	<u>Anhydrite and shale</u>
	<u>2762' T. D.</u>		
	<u>Gamma Ray Log Tops:</u>		
	<u>Anhydrite</u>	<u>1091 + 3049</u>	
	<u>Top Salt</u>	<u>1210 + 2930</u>	
	<u>Base Salt</u>	<u>1821 + 2319</u>	
	<u>Yates</u>	<u>1972 + 2168</u>	
	<u>Queen P.</u>	<u>2737 + 1403</u>	

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

A blank sheet of white graph paper with a black grid pattern. The grid consists of 10 columns and 8 rows of squares. A small dark smudge or mark is visible near the top right corner of the grid.

LOCATE WELL CORRECTLY

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 _____

Location _____ of _____ Line and _____ of _____
Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____
Lessor or Tract _____
Company _____

Address _____
Field _____
County _____
State _____

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

Date _____ 1952

This well is _____

Completed drilling	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
Completed drilling	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100

OUT OF GAS SANDS OF ZONES

(b) and (c) stored

No. 1, from	to	No. 4, from
No. 2, from	to	No. 5, from
No. 3, from	to	No. 6, from

IMPORTANT WATER SAVING

No. 1 from	No. 8 from
No. 3 from	No. 4 from

CASINO RECORD

State	Year	Rate per 100	Time per inch	Make	Amount	Kind of shoe	How and where made	Estimated	Number
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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with reasons for the work and its results. Changes were not 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.

HISTORY OF OIL OR GAS WELL.

U. S. GOVERNMENT PRINTING OFFICE

MIDDLETOWN AND CEMENTING RECORD

Shipping point	Where set	Number sacks of cement	Method used	Kind and quality	Approximate date
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
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54	54	54	54	54	54
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58	58	58	58	58	58
59	59	59	59	59	59
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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	75	75	75	75
76	76	76	76	76	76
77	77	77	77	77	77
78	78	78	78	78	78
79	79	79	79	79	79
80	80	80	80	80	80
81	81	81	81	81	81
82	82	82	82	82	82
83	83	83	83	83	83
84	84	84	84	84	84
85	85	85	85	85	85
86	86	86	86	86	86
87	87	87	87	87	87
88	88	88	88	88	88
89	89	89	89	89	89
90	90	90	90	90	90
91	91	91	91	91	91
92	92	92	92	92	92
93	93	93	93	93	93
94	94	94	94	94	94
95	95	95	95	95	95
96	96	96	96	96	96
97	97	97	97	97	97
98	98	98	98	98	98
99	99	99	99	99	99
100	100	100	100	100	100

PLUGS AND ADAPTERS

Heaving plug—Material	Length	Depth and

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from	feet to	feet and from	feet to
Cable tools were used from	feet to	feet and from	feet to

257 AG

The production for the first 14 hours was 1000 barrels of fuel oil. It was off.	But to producing
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EMPLOYEES

Officer	Officer	Officer	Officer
Officer	Officer	Officer	Officer

INFORMATION RECORD

[illegible]