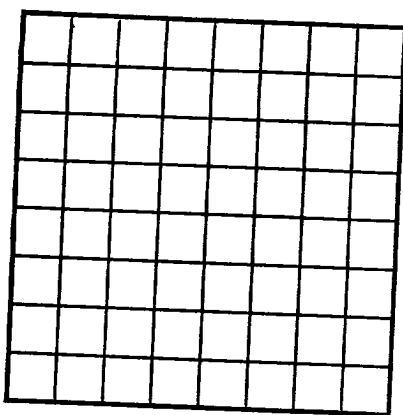




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029437
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Brewer Drilling Company Address Box 566, Artesia, N. Mex.
Lessor or Tract Grier Field Square Lake State New Mexico
Well No. 2 Sec. 29 T. 16 R. 31 Meridian NMPM County Eddy
Location 810 ft. N. of N Line and 198 ft. E. of W Line of 29-16-31 Elevation _____

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 October 3, 1944 Signed _____ Title Partner

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

Commenced drilling August 2, 1944 Finished drilling September 21, 1944

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3225 to 3235 No. 4, from _____ to _____
No. 2, from 3253 to 3265 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2590 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>28</u>	<u>8 thrd</u>		<u>600</u>	<u>Regular</u>				<u>Wtr String</u>
<u>5 1/2</u>	<u>20</u>	<u>10 thrd</u>		<u>3150</u>	<u>"</u>				<u>Oil String</u>
HISTORY OF OIL OR GAS WELL									

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>600</u>	<u>50 cks.</u>	<u>Halliburton</u>		<u>Circulated with Aquagel</u>
<u>5 1/2</u>	<u>3150</u>	<u>100 cks.</u>	<u>"</u>		<u>"</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
<u>3#</u>	<u>3"</u>	<u>Nitroglycerin</u>	<u>50 qts.</u>	<u>9-22</u>	<u>3260-3286</u>	<u>3300</u>

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3300 feet, and from _____ feet to _____ feet

DATES

Put to producing October 1, 1944
The production for the first 24 hours was 75 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

J. M. Needham, Driller J. E. Tillery, Driller
R. L. Strange, Driller _____, Driller

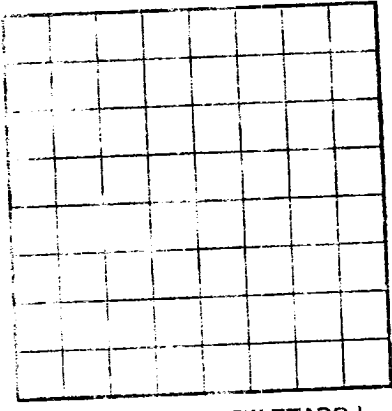
FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
<u>0</u>	<u>210</u>	<u>210</u>	<u>Red Bed</u>
<u>210</u>	<u>320</u>	<u>110</u>	<u>Red Shale</u>
<u>320</u>	<u>465</u>	<u>145</u>	<u>Red Shale</u>
<u>465</u>	<u>550</u>	<u>85</u>	<u>Anhydrite</u>
<u>550</u>	<u>560</u>	<u>10</u>	<u>Red Shale</u>
<u>560</u>	<u>565</u>	<u>5</u>	<u>Anhydrite</u>
<u>565</u>	<u>590</u>	<u>25</u>	<u>Red Shale</u>
<u>590</u>	<u>615</u>	<u>25</u>	<u>Anhydrite</u>
<u>615</u>	<u>625</u>	<u>10</u>	<u>Salt</u>
<u>625</u>	<u>750</u>	<u>125</u>	<u>Salt & Anhydrite</u>
<u>750</u>	<u>760</u>	<u>10</u>	<u>Anhydrite</u>
<u>760</u>	<u>945</u>	<u>185</u>	<u>Salt & Anhydrite</u>
<u>945</u>	<u>1145</u>	<u>200</u>	<u>Salt</u>
<u>1145</u>	<u>1165</u>	<u>20</u>	<u>Anhydrite</u>
<u>1165</u>	<u>1345</u>	<u>180</u>	<u>Salt</u>
<u>1345</u>	<u>1500</u>	<u>155</u>	<u>Salt & Anhydrite</u>
<u>1500</u>	<u>1545</u>	<u>45</u>	<u>Salt</u>
<u>1545</u>	<u>1725</u>	<u>180</u>	<u>Anhydrite</u>
<u>1725</u>	<u>1780</u>	<u>55</u>	<u>Anhydrite & Shale</u>
<u>1780</u>	<u>1800</u>	<u>20</u>	<u>Anhydrite</u>
<u>1800</u>	<u>1815</u>	<u>15</u>	<u>Red sticky mud</u>
<u>1815</u>	<u>1825</u>	<u>10</u>	<u>Anhydrite</u>
<u>1825</u>	<u>1860</u>	<u>35</u>	<u>Anhydrite & Salt</u>
<u>1860</u>	<u>1880</u>	<u>20</u>	<u>Anhydrite & shale</u>
<u>1880</u>	<u>1900</u>	<u>20</u>	<u>Anhydrite</u>

FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



LOCATE WELL CORRECTLY

Company _____
Lessor or Tract _____
Well No. _____
Location _____ of _____ line and _____ of _____
County _____ State _____
Elevation _____
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 _____
The summary on this page is for the condition of the well at above date.
Commenced drilling _____
OIL OR GAS SANDS OR ZONES
(Indicate by depth)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____
No. 7 from _____ to _____
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No. 9 from _____ to _____
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No. 97 from _____ to _____
No. 98 from _____ to _____
No. 99 from _____ to _____
No. 100 from _____ to _____

CASING RECORD
Casing _____
Size _____
Length _____
Weight _____
Type _____
Date _____
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 "backed" or left in the well, give its size and location. If the well has been dynamited, give date, 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 testing.

HISTORY OF OIL OR GAS WELL

DATE	DEPTH	FORMATION	TOOL USED	SHOOTING RECORD	PLUGS AND ADAPTERS	REMARKS
1900	10	Red mud				
1901	15	Amalgamite & Red mud				
1902	65	Amalgamite & Shale				
1903	300	Amalgamite				
1904	35	Amalgamite & Salt				
1905	20	Amalgamite				
1906	15	Red sand				
1907	55	Amalgamite & Red mud				
1908	175	Amalgamite				
1909	20	Red sand. Hole full water.				
1910	10	Shale				
1911	255	Amalgamite. Big flow of gas at 2875				
1912	10	Sand				
1913	20	Amalgamite, broken				
1914	20	Amalgamite & sand				
1915	55	Amalgamite, broken				
1916	185	Amalgamite				
1917	175	Amalgamite				
1918	29	Brown lime				
1919	7	Red shale				
1920	17	Red shale				
1921	25	Sand, oil & gas				
1922	7	Gray lime. 1000 ft oil in hole				
1923	116	Red shale				
1924	116	Red shale				
1925	12	Sand & lime				
1926	16	Lime				
1927	10	Soft sand				
1928	10	Lime, broken				
1929	10	FORMATION				
1930	10	FORMATION				
1931	10	FORMATION				
1932	10	FORMATION				
1933	10	FORMATION				
1934	10	FORMATION				
1935	10	FORMATION				
1936	10	FORMATION				
1937	10	FORMATION				
1938	10	FORMATION				
1939	10	FORMATION				
1940	10	FORMATION				
1941	10	FORMATION				
1942	10	FORMATION				
1943	10	FORMATION				
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