

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Plains Prod. Co. & Byrd-Frost, Inc. Address Dallas, Texas
Lessor or Tract C. E. Jones LC 023558 Field S. Maljamar State New Mexico
Well No. 2 Sec. 24 T. 19S R. 31E Meridian N.M.P.M. County ddy
Location 1900 ft. N. of N. Line and 1900 ft. E. of E. Line of Sec. 24 Elevation 2476
(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.

Date July 17, 1942Signed H. D. HarmanTitle P. P.

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

Commenced drilling March 11, 1942 Finished drilling April 26, 1942

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2476 to 2480 No. 4, from _____ to _____
No. 2, from 2547 to 2550 No. 5, from _____ to _____
No. 3, from 2632 to 2640 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
No. 2, from Surf. 2652 to 2654 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 1/4</u>	<u>28</u>	<u>8</u>	<u>Misc.</u>	<u>853</u>	<u>Reg.</u>				
<u>7 00</u>	<u>24</u>	<u>10</u>	<u>J & L</u>	<u>2440</u>	<u>Reg.</u>	<u>2440</u>			<u>Protection</u>
<u>5 1/2</u>	<u>15</u>	<u>8</u>	<u>J & L</u>	<u>2508</u>	<u>Reg.</u>				<u>oil</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 1/4</u>	<u>853</u>	<u>50</u>	<u>Sal.</u>		<u>50</u>
<u>5 1/2</u>	<u>2508</u>	<u>100</u> <u>+2 17</u>	<u>Sal.</u>		<u>100</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>100</u>			

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2654 feet, and from _____ feet to _____ feet

DATES

June 12-13-14, 1942Swabbing Put to production for hour, 1942

The production for the first 24 hours was 15 barrels of fluid of which 100 % was oil; 0 % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 24

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

R. T. Helms, Driller O. B. Bryan, DrillerW. B. Jones, Driller _____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
<u>0</u>	<u>30</u>	<u>30</u>	<u>Surface sand & caliche</u>
<u>30</u>	<u>375</u>	<u>345</u>	<u>Red rock and red shale</u>
<u>375</u>	<u>395</u>	<u>20</u>	<u>Sandy lime</u>
<u>395</u>	<u>585</u>	<u>190</u>	<u>Red rock</u>
<u>585</u>	<u>655</u>	<u>70</u>	<u>Red rock, anhydrite</u>
<u>655</u>	<u>695</u>	<u>40</u>	<u>Anhydrite</u>
<u>695</u>	<u>702</u>	<u>7</u>	<u>Red rock</u>
<u>702</u>	<u>710</u>	<u>8</u>	<u>Salt</u>
<u>710</u>	<u>735</u>	<u>25</u>	<u>Anhydrite</u>
<u>735</u>	<u>740</u>	<u>5</u>	<u>Red shale</u>
<u>740</u>	<u>745</u>	<u>5</u>	<u>Red shale</u>
<u>745</u>	<u>745</u>	<u>0</u>	<u>Anhydrite</u>
<u>745</u>	<u>745</u>	<u>0</u>	<u>Red shale</u>
<u>745</u>	<u>745</u>	<u>0</u>	<u>Anhydrite</u>
<u>745</u>	<u>745</u>	<u>0</u>	<u>Salt, red rock</u>
<u>745</u>	<u>745</u>	<u>0</u>	<u>Salt, potash</u>
<u>745</u>	<u>745</u>	<u>0</u>	<u>Salt</u>
<u>745</u>	<u>745</u>	<u>0</u>	<u>Salt, red rock</u>
<u>745</u>	<u>745</u>	<u>0</u>	<u>Salt and potash</u>
<u>745</u>	<u>745</u>	<u>0</u>	<u>Anhydrite</u>
<u>745</u>	<u>745</u>	<u>0</u>	<u>Salt, potash</u>
<u>745</u>	<u>745</u>	<u>0</u>	<u>Anhydrite</u>
<u>745</u>	<u>745</u>	<u>0</u>	<u>Anhydrite, shale</u>
<u>745</u>	<u>745</u>	<u>0</u>	<u>Salt</u>
<u>745</u>	<u>745</u>	<u>0</u>	<u>Anhydrite</u>

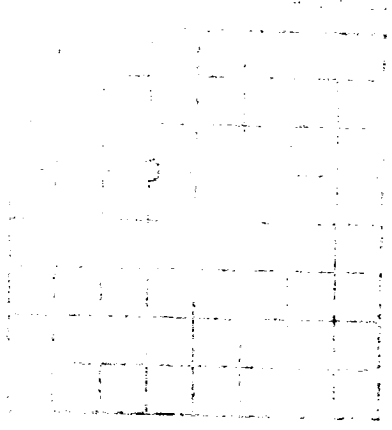
(OVER)

1912

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



1. Name of well
2. Location
3. Date of completion
4. Name of operator
5. Name of driller
6. Name of owner
7. Name of lessee
8. Name of leaseholder
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99. Name of leasehold
100. Name of leasehold

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.

FORMATION	TOTAL FEET	TO	FROM
Argillite, lime	110	2875	2865
Hard lime	6	2881	2875
Argillite and lime	33	2914	2881
Shale	9	2923	2914
Lime	47	2970	2923
Shale	6	2976	2970
Lime, broken. Show oil 21.80	32	3008	2976
Shale	3	3011	3008
Hardy lime	36	3047	3011
Lime	3	3050	3047
Lime, showing oil	81	3131	3050
Lime (Dolo.)	23	3154	3131
Oil 2652-2654			
Oil 2652-2654			