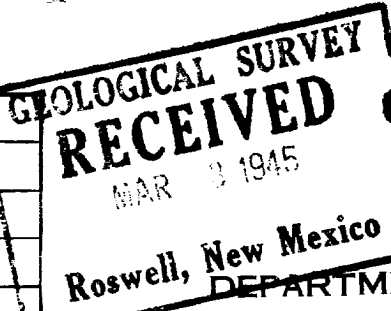
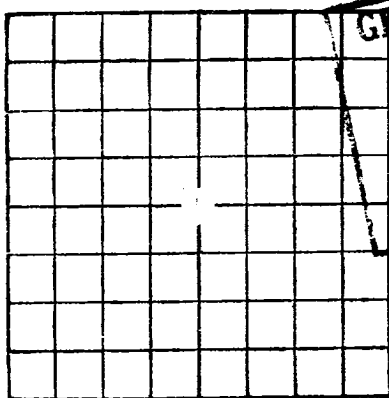




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UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

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U. S. GEOLOGICAL SURVEY
Bureau of Geology

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Franklin Aston & Fair Address e/o Miller & Miller
Lessor or Tract Nastellar Field Loce Hills State New Mexico
Well No. 1 Sec. 18 T. 18 R. 30 Meridian N.M.P.M. County Eddy
Location 660 ft. N. of 440 Line and 660 ft. E. of R. Line of Sec. 18 Elevation 3521
(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 W. A. MillerDate February 27, 1945Title Authorized Agent

NOTED

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

Commenced drilling 12-1, 1944 Finished drilling 1-26, 1945

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2660 to 2690 No. 4, from _____
No. 2, from 2800 to 2830 No. 5, from _____
No. 3, from _____ to _____ No. 6, from _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____
No. 2, from _____ to _____ No. 4, from _____

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 1/2</u>	<u>30</u>	<u>8</u>	<u>National</u>	<u>450</u>	<u>Texas</u>				
<u>7 7/8</u>	<u>24</u>	<u>8</u>	<u>National</u>	<u>2630</u>	<u>Larkin</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 1/2</u>	<u>450</u>	<u>50</u>	<u>Halliburton</u>	<u>Heavy</u>	<u>25</u>
<u>7 7/8</u>	<u>2630</u>	<u>100</u>	<u>Halliburton</u>	<u>Heavy</u>	<u>50</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>5"</u>	<u>N. M. Glys</u>	<u>Solidified</u>	<u>120</u>	<u>1-31</u>	<u>2800-2830</u>	<u>2843</u>
<u>5"</u>	<u>N. M. Glys</u>	<u>Solidified</u>	<u>120</u>	<u>2-1</u>	<u>2600-2690</u>	<u>2843</u>

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2843 feet, and from TD feet to _____ feet

DATES

_____, 19____ Put to producing 3-1, 1945

The production for the first 24 hours was 80 barrels of fluid of which 50 % was oil; _____ % emulsion; 50 % water; and _____ % sediment. Gravity, °Bé. 38.2

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

Rock pressure, lbs. per sq. in. 150

EMPLOYEES

T. P. Rogers, Driller N. C. Hill, Driller
_____, Driller D. A. Miller, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
<u>0</u>	<u>30</u>	<u>30</u>	<u>Caliche and R. B.</u>
<u>30</u>	<u>150</u>	<u>120</u>	<u>R. B.</u>
<u>150</u>	<u>350</u>	<u>200</u>	<u>R. B. & Anhy</u>
<u>350</u>	<u>400</u>	<u>50</u>	<u>R. B.</u>
<u>400</u>	<u>440</u>	<u>40</u>	<u>Anhy.</u>
<u>440</u>	<u>620</u>	<u>180</u>	<u>Salt</u>
<u>620</u>	<u>640</u>	<u>20</u>	<u>Anhy</u>
<u>640</u>	<u>885</u>	<u>245</u>	<u>Salt</u>
<u>685</u>	<u>1120</u>	<u>435</u>	<u>Salt & Anhy</u>
<u>1120</u>	<u>1155</u>	<u>35</u>	<u>Salt</u>
<u>1155</u>	<u>1195</u>	<u>40</u>	<u>Salt & Anhy</u>
<u>1195</u>	<u>1555</u>	<u>460</u>	<u>Anhy</u>
<u>1555</u>	<u>1570</u>	<u>15</u>	<u>Anhy & Shell</u>
<u>1570</u>	<u>1965</u>	<u>395</u>	<u>Anhy</u>
<u>1965</u>	<u>1985</u>	<u>20</u>	<u>Brown Lm (Light Sho O & G. 1973)</u>
<u>1985</u>	<u>2005</u>	<u>20</u>	<u>Gray Lm</u>
<u>2005</u>	<u>2060</u>	<u>55</u>	<u>Anhy Lm</u>
<u>2060</u>	<u>2075</u>	<u>15</u>	<u>Anhy</u>
<u>2075</u>	<u>2135</u>	<u>60</u>	<u>Lm (Light Sho O & G. 1973)</u>
<u>2135</u>	<u>2145</u>	<u>10</u>	<u>R. B. & Anhy (Light Sho Gas 2145)</u>
<u>2145</u>	<u>2335</u>	<u>190</u>	<u>Anhy</u>
<u>2335</u>	<u>2385</u>	<u>50</u>	<u>Anhy</u>
<u>2385</u>	<u>2390</u>	<u>5</u>	<u>Anhy</u>
<u>2390</u>	<u>2425</u>	<u>35</u>	<u>Anhy</u>
<u>2425</u>	<u>2485</u>	<u>60</u>	<u>Lm</u>
<u>2485</u>	<u>2510</u>	<u>25</u>	<u>Lm with Sandy Shell</u>

(OVER)

FORMATION RECORD—Continued

FORMATION RECORD—Continued

FROM	TO	TOTAL FEET	FORMATION
2510	2545	35	Anhy.
2545	2575	30	Brown Broken Line
2575	2581	6	Sandy Line
2581	2620	39	Broken Anhy.
2620	2630	10	Broken anhy. and Line
2630	2640	10	Gray Line Hard
2640	2685	45	Gray Line (Sho 011 2707)
2685	2707	22	Sand Hard
2707	2833	126	Gray & Brown Line
2833	2843	10	Oil Sand TD

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.