

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079456
LEASE OR PERMIT TO PROSPECT H111UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEC 6 1957

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company BENSON-MONTIN-GREER DRILLING CORP. Address 405 1/2 W Broadway, Farmington, N.M.
Lessor or Tract H111 Field S. Blanco PC Ex. State New Mexico
Well No. 1 Sec. 20 T. 24 N. R. 3 W. Meridian N.M.P.M. County Rio Arriba
Location 290 ft. N of N Line and 290 ft. Ex of E Line of Sec. 20 Elevation 6273
(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 Albert L. Greer

Date November 27, 1957 Title Vice-President

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

Commenced drilling October 7, 1957. Finished drilling October 25, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3057 to 3111 (G) 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</u>	<u>8</u>	<u>J-55</u>	<u>38</u>	<u>-</u>	<u>-</u>	<u>3057</u>	<u>3108</u>	<u>Surface</u>
<u>5-1/2"</u>	<u>15.54</u>	<u>8</u>	<u>J-55</u>	<u>3129</u>	<u>Texas</u>	<u>Pattern</u>	<u>3056</u>	<u>3108</u>	<u>Production</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>107</u>	<u>70</u>	<u>Pump & Plug</u>		
<u>5-1/2"</u>	<u>3140</u>	<u>100</u>			

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material None Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		<u>None</u>				

TOOLS USED

Rotary tools were used from Surface feet to 3145 feet, and from _____ feet to _____ feet
Cable tools were used from to complete feet to _____ feet, and from _____ feet to _____ feet

DATES

Ran Tubing November 27th, 1957 Potential Test Put to producing November 25th, 1957

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

If gas well, cu. ft. per 24 hours 1,257,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 220

EMPLOYEES

Company tools, Driller _____, Driller _____
_____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Surface</u>	<u>2961</u>	<u>2961</u>	<u>Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations</u>
<u>2961</u>	<u>2966</u>	<u>5</u>	<u>Coal</u>
<u>2966</u>	<u>2973</u>	<u>7</u>	<u>Shale</u>
<u>2973</u>	<u>2982</u>	<u>9</u>	<u>Coal</u>
<u>2982</u>	<u>2994</u>	<u>12</u>	<u>Shale</u>
<u>2994</u>	<u>3002</u>	<u>8</u>	<u>Coal</u>
<u>3002</u>	<u>3045</u>	<u>43</u>	<u>Shale</u>
<u>3045</u>	<u>3057</u>	<u>12</u>	<u>Coal</u>
<u>3057</u>	<u>3145</u>	<u>88</u>	<u>Sand</u>
			<u>TOP OF PICTURED CLIFFS (EL) 3057'</u>

AT THE END OF COMPLETE DRILLERS
LOG AT _____ STATE
VINTAGE _____

FORMATION RECORD—Continued

[illegible]

HISTORY OF OIL OR GAS WELL

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It is of the greatest importance to have a complete history of the well. Please state in detail 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.

10- 7-57 Moved in to set surface casing. Spudded.

10- 8-57 TD 107' RKB Set 3 joints 98' of 8-5/8" OD 24# J-55 casing at 107' with 70 sacks cement, circulated to surface.

10-11-57 Moved in rotary. Pressured up on casing to 500#. No pressure decrease in 30 minutes.

10-25-57 TD 3145' RKB Set 75 joints 3129' of 5-1/2" OD 15.5#
J-55 casing at 3140' with 100 sacks cement.

11- 3-57 Pressured up on casing to 1000#. No pressure decrease
in one hour. Moved in cable tools.

11- 4-57 Cleaned out to 31111'. Perforated 3066-74' and 3096-3108' with 4 shots per foot. Sandfraced with 25,000 gallons water and 30,000# sand, flushed with 3,000 gallons water. Breakdown pressure 1650#, treating pressure 1500#. Dropped 40 rubber balls. Treating pressure increased to 2300#, broke to 2000#. Average injection rate 54.2 barrels per minute.

11-9-57 Ran 3106' of 1-1/4" EUE tubing landed at 3114' RKB.
Shut well in for potential test.

