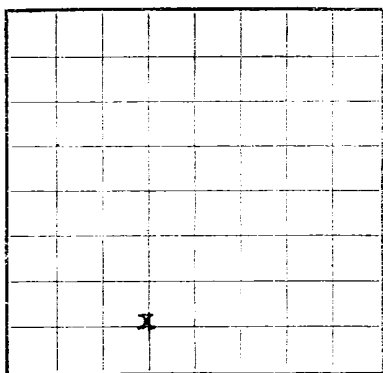


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 577376-A
LEASE OR PERMIT TO PROSPECT Jones 'A'

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company BENSON-MONTIL-GREER DRILLING CORP. Address 158 Petroleum Center Building Farmington, New Mexico
Lessor or Tract Jones A Field Undesignated State New Mexico
Well No. 1 Sec. 17 T. 28N R. 13W Meridian N.M.P.M. County San Juan
Location 660 ft. N of 2 Line and 1280 ft. E of 4 Line of Sec. 17 Elevation 5292
(Derriek 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 _____

Date July 7th, 1960 Title Vice-President

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

Commenced drilling May 9th, 1960 Finished drilling May 11th, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5204 to 5670 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>27.1</u>	<u>8</u>	<u>55</u>	<u>271</u>	<u>None</u>	<u>Surface</u>	<u>5204</u>	<u>5670</u>	<u>Surface</u>
<u>4-1/2</u>	<u>9.5</u>	<u>8</u>	<u>55</u>	<u>5690</u>	<u>Texas</u>	<u>5670</u>	<u>5605</u>	<u>5605</u>	<u>Production</u>
<u>2-3/8</u>	<u>4.7</u>	<u>8</u>	<u>LUE</u>	<u>5445</u>	<u>None</u>	<u>5605</u>	<u>5445</u>	<u>5445</u>	<u>Tubing</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>283</u>	<u>225</u>	<u>Pump 3-Plug</u>		
<u>4-1/2</u>	<u>5699</u>	<u>200</u>			
<u>2-3/8</u>	<u>5456</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>8-5/8</u>	<u>20/40 sand</u>	<u>EDP-2200#</u>	<u>4-1/2</u>	<u>May 11, 1960</u>	<u>54,180 gallons oil and</u>	
	<u>32 BPM</u>	<u>EDP-2200#</u>	<u>4-1/2</u>	<u>May 11, 1960</u>	<u>80,000# 20/40 sand. ave. IP 2500#, average injection rate</u>	
	<u>32 BPM</u>	<u>EDP-2200#</u>	<u>4-1/2</u>	<u>May 11, 1960</u>	<u>32 BPM. Clean-out depth 5605'.</u>	

TOOLS USED

Rotary tools were used from Surface feet to 5700 feet, and from _____ feet to _____ feet
Cable tools were used from complete feet to _____ feet, and from _____ feet to _____ feet

DATES

Ran Tubing May 29th, 1960 Put to producing June 7th, 1960

The production for the first 24 hours was 25 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 38

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Company Tools _____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>ELECTRIC LOG TOPS</u>
			<u>FARMINGTON 365'</u>
			<u>BASE FARMINGTON 900'</u>
			<u>FRUITLAND 1100'</u>
			<u>PICTURED CLIFFS 1520'</u>
			<u>LEWIS 1663'</u>
			<u>CLIFFHOUSE 2450'</u>
			<u>MENEFEE 2497'</u>
			<u>POINT LOOKOUT 4080'</u>
			<u>MANCOS 4210'</u>
			<u>GALLUP 5200'</u>
			<u>BASE GALLUP 5650'</u>

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1. The first step is to identify the problem. This involves understanding the current situation and the goals that need to be achieved.

2. The second step is to analyze the problem. This involves breaking down the problem into smaller, more manageable parts.

3. The third step is to develop a plan. This involves determining the steps that need to be taken to solve the problem.

4. The fourth step is to implement the plan. This involves putting the plan into action.

5. The fifth step is to evaluate the results. This involves assessing the effectiveness of the solution and making any necessary adjustments.

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.

U. S. GOVERNMENT PRINTING OFFICE

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FORMATION RECORD—Continued

BENSON-MONTI-GREEN DRILLING CORP.

NO. 1 JONES "A"

WELL HISTORY

5-9-60 Spudded in 12 1/2" hole. Drilled to TD 295' RKB. Set 9 joints 27 1/2" of 8-5/8" OD 24# J-55 casing at 283' RKB with 225 sacks, 3% gel, 3% calcium chloride, circulated.

5-10-60 Pressured up on casing to 500#. No pressure decrease in 30 minutes.

5-19-60 TD 5700' RKB. Logged well. Set 176 joints 5690' of 4-1/2" OD 9.5# J-55 casing at 5699' with 200 sacks regular cement, 25# gilsonite per sack and 1/2# floccule per sack.

5-20-60 Set slips with 75,000#. Temperature survey showed top of cement at 4610'.

5-25-60 Moved in and rigged up cable tools.

5-26-60 Cleaned out to 5664'. Ran 2-3/8" OD RUE tubing to 5664' and tagged bottom. Made circular abraslet out at 5605'. Circulated for 20 minutes, reverse circulated for 30 minutes. Lowered tubing to 5645', cleaned out sand 40' below out.

5-27-60 Sandtraced down 4-1/2" casing with 54,180 gallons oil and 80,000# 20/40 sand, finished with 3,864 gallons oil. Average injection rate 32 barrels per minute. Breakdown pressure 2900#, average treating pressure 2500#. Instantaneous shut-in pressure 1200#. 10-minute shut-in pressure 1100#, two-hour shut-in pressure 900#. Commenced flowing back load oil.

5-29-60 Ran 171 joints 5445' of 2-3/8" OD RUE tubing landed at 5456' RKB. Shut well in to pressure up.