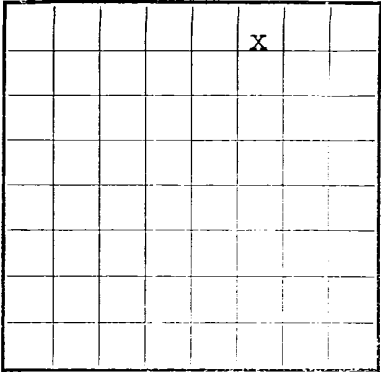




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 077976
LEASE OR PERMIT TO PROSPECT Jones

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
SEP 1 1960

LOG OF OIL OR GAS WELL

Company BENSON-MONTIN-GREER DRILLING Address 158 Petroleum Center Building
CORP. Farmington, New Mexico
Lessor or Tract Jones Field Undesignated State New Mexico
Well No. 6 Sec. 17 T. 23 NR. 13 W Meridian N.M.P.M. County San Juan
Location 660 ft. N. of N. Line and 1280 ft. E. of E. Line of Sec. 17 Elevation 6071
(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 _____

Date September 15, 1960 Title Vice-President

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

Commenced drilling August 20th, 19 60 Finished drilling August 23th, 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5684 to 5698 No. 4, from _____ to _____
No. 2, from 5740 to 5754 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—	
8-5/8"	24#	8	J-55	260	-	-	-	-	Surface
4-1/2"	9.5#	8	J-55	5820	Texas	-	5684	5698	Production
				235	Pattern	-	5740	5754	
2-3/8"	4.7#	EUE		5744	-	-	-	-	Tubing String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	272	235	Pump & Plug		
4-1/2"	5821	175	" " "		
2-3/8"	5755	-			

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 5824 feet, and from _____ feet to _____ feet
Cable tools were used from to complete feet to _____ feet, and from _____ feet to _____ feet

DATES

Ran Tubing _____ Potential Test _____
September 3th, 19 60 Put to producing September 13th, 19 60

The production for the first 24 hours was 156 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 40

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>
			BASE OJO ALAMO 380'
			FARMINGTON 600'
			FRUITLAND 1250'
			PICTURED CLIFFS 1660'
			LEWIS 1800'
			MESA VERDE 2580'
			MEHEFEE 2900'
			POINT LOOKOUT 4163'
			MANCOS 4350'
			GALLUP 5334'
			BASE GALLUP 5790'

FORMATION RECORD—Continued

FROM-	TO-	TOTAL FEET	FORMATION

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.

BENSON-MONTIN-GREER DRILLING CORP.

WELL HISTORY - JONES NO. 6

- 8-20-60 Spudded in 12 $\frac{1}{4}$ " hole. Drilled to TD 275' RKB. Set 8 joints 260' of 8-5/8" OD 24 $\frac{1}{2}$ J-55 casing at 272' RKB with 235 sacks regular cement, 2% calcium chloride, circulated.
- 8-21-60 Pressured up on casing to 500#. No pressure decrease in 30 minutes.
- 8-29-60 TD 5824'. Logged well. Set 181 joints 5832' of 4-1/2" OD 9.5# J-55 casing at 5821' with 175 sacks cement, 2% gel, 15# Gilsomite per sack, 6# floccs per sack.
- 8-30-60 Temperature survey showed top of cement at 4260'. Pulled stretch in casing to 65,000#. Set slips. Cut off pipe.
- 9- 3-60 Moved in and rigged up cable tools.
- 9- 4-60 Cleaned out to 5784'. Pressured up to 1000#. No decrease in one hour. Ran correlation log. Perforated 5740-54' with 2 jet shots per foot.
- 9- 5-60 Ran 2-3/8" OD EUE tubing. Spotted 300 gallons 15% MCA. Set packer at 5714'. Pressured up. Broke down at 2300#. Pumped acid at 1900#. Instantaneous shut-down pressure 500#.
- 9- 6-60 Swabbed hole dry.
- 9- 7-60 Unseated packer. Pulled tubing. Perforated 5634-98' with 2 jet shots per foot. Ran tubing. Spotted 300 gallons 15% MCA. Set packer at 5714'. Packer did not hold. Pressured up on annulus. Broke down at 1300#, displaced with 1150#. Instantaneous shut-down pressure bled off to zero in 1 minute. Unseated packer. Pulled tubing up to 5681'. Swabbed hole dry. Pulled tubing.
- 9- 8-60 Sand-oil treated with 47,730 gallons oil and 47,000# 20/40 sand, flushed with 3,000 gallons oil. Breakdown pressure 2100#, average treating pressure 2900#, average injection rate 33.1 barrels per minute. Instantaneous shut-down pressure 400#. 30-minute shut-in pressure 200#. One-hour shut-in pressure zero. Commenced swabbing back load oil.
- 9-13-60 After recovery of load oil, flowed well for 6 hours on 18/64" choke. Flowing casing pressure 900#, flowing tubing pressure 300#. Well flowed 39 barrels of 40° gravity oil in 6 hours.

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