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U. S. LAND OFFICE Santa Fe.....

SERIAL NUMBER 079364

LEASE OR PERMIT TO PROSPECT ~~NEW~~

Section 31

Rincon Unit

I Sec. 916. 7

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL.

Company Ralph A. Johnston Address F. O. Box 813, Farmington, N. M.
Lessor or Tract Rincon Unit South Blanco-Pictured Cliffs Est.
Well No. 9 Sec. 31 T. 27N R. 6W Meridian NMPM County Rio Arriba
Location 1650 ft. [S.] of N Line and 1650 ft. [E.] of W Line of Section 31 Elevation 6620 G.G.

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 February 8, 1954

Title Superintendent

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

Commenced drilling 8-29, 1954 Finished drilling 9-25 / 18, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3020 to 3110 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	Perforated		Purpose
							From	To	
9 5/8"	36#	8	Young	103'	Guide				Surface Production
7"	20#	8	Nat'l	3020'	Guide				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	103'	75	Halliburton	Pumping	
7"	3020'	150	Halliburton	Pumping	

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----

Adapters—Material _____	Size _____
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SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	Dumped	SNG	580 Qts	9-18-53	3110'	3110'

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

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

2010 DATES

9-25, 1955 Put to producing _____ 19

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 1,500-1,600 Gallens gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 1820 MCF

1033 EMPLOYEES

Ball, Gordon, Carpenter, Driller

Barney - Carter, Driller
Barney - Blevins, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3020	3020	Sands - Clays - Shales - Shaley Sands and coals.
3020	3110	90	Pictured Cliffs Sand Top 3020

LEW

The hole was drilled with 13 3/4" rotary bit to 106 feet, 103 feet of 9 5/8" 36# surface casing set, circulated out with 75 sacks of regular cement. Drilled cement down to shoe and pressured up casing to 500', held with no loss for 30 minutes. An 8 3/4" rotary hole was drilled to 3020 feet; reduced hole, and drilled a 7 3/8" hole to a total depth of 3110 feet. Ran a Schlumberger B-8 to total depth. Ran 7", 20' casing to 3020 feet and cemented same with 150 sacks of regular cement. Cut off 7" and moved off rotary tools. Then cable tools were moved on, drilled float and shoe and bailed open hole clean. Dumped 500 quarts of SNG and shot tamped. Drilled out tump; bailed hole down 900 feet and well unloaded and cleaned itself. Checked total depth twice at 2-hour intervals with a baller and no water could be recovered. Ran 1" siphon string to 3050 feet. Placed Christmas tree on 7" casing and moved off cable tools. Well was given a test on October 16, 1953 and then shut in to await a pipeline connection.

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

HISTORY OF OIL OR GAS WELL

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FROM--

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643,762.4

NO. 15, 1905.