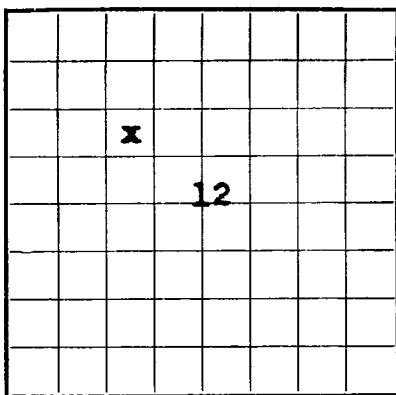




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079160
LEASE OR PERMIT TO PROSPECT _____
NW/4, Section 12UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**Rincon Unit**
I Sec. 916

LOG OF OIL OR GAS WELL

Company Ralph A. Johnston Address P. O. Box 813, Farmington, New Mexico
Lessor or Tract Rincon Unit Field So. Blanco State New Mexico
Well No. 14 Sec. 12 T. 26NR. 7W Meridian Pictured Cliffs Ext. County Rio Arriba
Location 1700 ft. (XX) of N Line and 1800 (XX) of W Line of Section 12 Elevation 6431 (GG)
(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 James W. Capeland
Date March 9, 1954 Title Superintendent

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

Commenced drilling September 20, 19 53 Finished drilling December 16, 19 53

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2690 to 2790 (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>9-5/8</u>	<u>36</u>	<u>8</u>	<u>Spang</u>	<u>165</u>	<u>Guide</u>				<u>Surface</u>
<u>7</u>	<u>2690</u>	<u>8</u>	<u>Spang</u>	<u>150</u>	<u>Production</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>9-5/8</u>	<u>165</u>	<u>125</u>	<u>Halliburton Pumping</u>		
<u>7</u>	<u>2690</u>	<u>150</u>	<u>"</u>	<u>"</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>Dumped</u>		<u>SNG</u>	<u>582</u>	<u>12/13/53</u>	<u>2691 to 2775</u>	<u>2775</u>

TOOLS USED

Rotary tools were used from 0 feet to 2790 feet, and from _____ feet to _____ feet
Cable tools were used from 2690 feet to 2790 feet, and from _____ feet to _____ feet

DATES

Dec. 16, 1953 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 922 MCF Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 804

EMPLOYEES

Ulrich - Windsor - Durham Driller _____, Driller
(Rotary) Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>2690</u>	<u>2690</u>	<u>Sands, shales, coal.</u>
<u>2690</u>	<u>2790</u>	<u>100</u>	<u>Pictured Cliffs sand - top - 2690'.</u>

RECEIVED

MAR 9 1954

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

[illegible]

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Location _____ of _____
Well No. _____ Sec. _____ T. _____ R. _____ N. _____ E. _____
Town or Tract _____ State _____
Company _____ Address _____

Run a 1" alphon string to 2755 feet. Placed Christmas tree on 7". Shut well in to await testing and pipeline connection. Moved off cable tools. The well was tested on December 30, 1953, and has since remained shut in. The information given herewith is a complete and correct record of the well and all work done thereon.

An 8-3/4" rotary hole was drilled from below surface shoe to a depth of 2690 feet. Reduced hole to 7-3/8" and drilled to a total depth of 2790 feet. Ran a Schlumberger log to total depth. Ran 7 to 2690 feet and cemented same with 150 sacks of regular cement. Cut off 7" and moved off rotary tools. Moved on cable tools, drilled 10 1/2" and shoe, and balled open hole clean. Plugged back with pea gravel to 2775 feet. Dumped 582 quarts of sand and shot tamped with Cal-Seal. Drilled out camp and balled hole down 900 feet. Well unloaded. Cleaned out to 2775 feet and checked with baller twice at 2-hour intervals. No water could be recovered.

This well was drilled with 13-3/4" rotary tools to 147 feet. 9-5/8" surface casing was run to 165 feet, and set with 125 sacks of regular cement. Circulated out same. Drilled cement down to shoe and pressured up surface casing to 500# and held same for 30 minutes with no loss in pressure.

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

[illegible]

FORMATION RECORD—Continued

[illegible]