

A 10x10 grid with a vertical line on the left. The number '20' is written in the 4th column and 4th row. The letter 'X' is written in the 3rd column and 3rd row.

LOCATE WELL CORRECTLY

U. S. LAND OFFICE _____ Santa Fe
SERIAL NUMBER _____ 079366
LEASE OR PERMIT TO PROSPECT _____
SW/4, Section 20
ATES Rincon Unit
I Sec. 916
THE INTERIOR
SURVEY

LOG OF OIL OR GAS WELL

Company Ralph A. Johnston Address P. O. Box 813, Farmington, New Mex
Lessor or Tract Rincon Unit Field Wildcat State New Mexico
Well No. 8 Sec. 20 T. 27N R. 6W Meridian NMPM County Rio Arriba
Location 1450 ft. ^[N.]~~XXX~~ of S Line and 1450 ft. ^[E.]~~XXX~~ of W Line of Section 20 Elevation 6486 (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 J. Arnold W. Cope
Date March 8, 1954 Title Superintendent

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

Commenced drilling August 22....., 1953 Finished drilling October 19⁵....., 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3023 to 3120 (G) No. 4, from _____ to _____
No. 2, from 4734 to 5426 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pitch	Reformed from	Purpose
10-3/4	32.75	8	Young	169	Guide			Surface
7	23	8	Young	467	Guide			Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
0-3/4	169	100	Halliburton Pumping		
7	4670	200	"	"	

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
	5"	SNG	2240	10/5/ 53	4723 to 5426	5426

TOOLS USED

Rotary tools were used from 0 feet to 5426 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Nov. 23, 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 ~~1524 MCF~~ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1056#

EMPLOYEES

Jacobs - Thompson - Worl Driller
(Rotary), Driller

Dunn - Grossman, Driller
(Gas Rotary), Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	3023	3023	Broken and varied sands, shales and coal.
3023	3120	97	Pictured Cliffs sand - Top 3023'
3120	4670	1550	Sand and sandy shale.
4670	5426	756	Mesa Verde - sand, shale, coal.

Hand per team

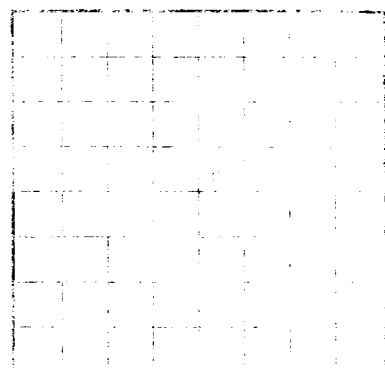
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



The following is a copy of the will and was taken from the original records of the probate court of the County of ... State of ...

The well was drilled with 13-3/4" rotary tools to 178 feet. 169 feet of 10-3/4" 32.45# surface casing was run and circulated out with 100 sacks of regular cement. Drilled cement down to shoe and pressured up casing to 500#. Held for 30 minutes with no loss of pressure. An 8-3/4" rotary hole was drilled below surface shoe to a total depth of 4670 feet. A Schumberger ES log was run to total depth. Ran 7" 23# to total depth and cemented same with 200 sacks. Cut off 7" and moved off rotary tools. Moved on gas rotary, drilled float and shoe and pressured up production casing to 250#. Held for one hour with no loss in pressure. From below the 7" shoe, a 6-1/4" hole was drilled with gas rotary through the Mesa Verde to a total depth of 5726 feet. A Schumberger GRH was run to total depth. Hole was loaded with 2240 quarts from 4723 feet to 5726 feet and shot open. The well was cleaned out to total depth. Ran 2" tubing to 5414 feet. Shut well in to test and await pipeline connection. Well was tested on November 30, 1953.

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, 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

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM	TO	TOTAL FEET	FORMATION
			FORMATION RECORD
			PLATE GYPSUM
			DATES
			FOR USE USED
			SECTIONAL REPORT
			PLUGS AND ADAPTORS
			FORMING THE PRINTING OF COPIES