

A 10x10 grid with a small circle in the bottom right corner.

RECEIVED
MAR 7 1961
OIL COM

U. S. LAND OFFICE _____
 SERIAL NUMBER **SF-078584** _____
 LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
SUPERIOR

U. S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION

LOG OF OIL OR GAS WELL

Company Paul F. Rutledge Address P.O. Box 2239, Santa Fe, New Mexico
 Lessor or Tract Miller Field Devils Fork State New Mexico
 Well No. B-4 Sec. 12 T. 24N R. 7W Meridian N.M.P.M. County Rio Arriba
 Location 930 ft. N. of X Line and 930 ft. 3E of E Line of 12 Elevation 6943

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 John V. Walker

Date February 27, 1961 Title Geologist

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

Commenced drilling December 12, 1960 Finished drilling December 31, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>5908</u> to <u>5922</u>	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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
-5/8	207'	150 sx. 3% cal.	pump & plug		
-1/2	5959'	200 sx. 50/50 pozmix (2 stage collar @ 2602' w/100 sx. nest cement)	pump & plug		

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

TOOLS USED

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

Cable tools were used from 0 feet to 5960 feet, and from _____ feet to _____ feet

DATES

19	Put to producing	19
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The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
emulsion; _____% water; and _____% sediment. **30.36** Gravty. °Bé. **100**

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas ⁴⁰_____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
2415	2490	75	Pictured Cliff
2490	3970	480	Lewis
3970	4878	908	Mesa Verde
4878	5687	809	Mancos
5687	5925	238	Gallup
5925	5960	35	Mancos
5960 T.D.			

[OVER]
EOWAYLION RECORD-COMM-769

16-48094-

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

(Reported by G)

OIL OR GAS SANDS OR SOILS

IMPORTANT WATER SANDS

Location	Depth	Time	Remarks	Remarks	Remarks	Remarks	Remarks	Remarks
It is of the greatest importance to have a complete history of the well.								
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.								
It 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