



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078524
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL.

Company Frank A. Schultz, Jr. Address Box 728 - Farmington, New Mexico
 Lessor or Tract Payne Field Ballard P. O. State New Mexico
 Well No. 3-14-X Sec. 14 T. 25-N R. 8-W Meridian N.M.P.M. County San Juan
 Location 1400 ft. (N. of S. Line and 460 ft. E. of W. Line of Sec. 14) Elevation 6951

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.

Date **April 17, 1956** Signed *C. Benson Neal*
C. Benson Neal, Agent in Farmington

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

Commenced drilling Jan. 31, 1956 19____ Finished drilling March 27, 1956 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2757 to 2605 (WP) 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. 2, from _____ to _____

No. 3, 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
8-5/8"	95.5'	70	Halliburton	Mostly water	
5-1/2"	2579'	100	Halliburton	Mostly water	

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
3/27/36. Sand oil treated from 2579' to 2605' with 15,400 gallons diesel oil and 25,000# sand. Flushed with 2,690 gallons diesel. Breakdown pressure 2609'. Injection 12.4 barrels per minute.						

TOOLS USED

Rotary tools were used from 99 feet to 250 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to 99 feet, and from 250 feet to 2605 feet

77 DATES

Potential test taken		DATE		Shut in for potential test	
April 6, 1956	19	Put to producing	March 28, 1956	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 2,000,000 Gallons gasoline per 1,000 cu. ft. of gas 10

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

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2505	2505	Surface sand and shale, Cjo Alamo, Kirtland and Fruitland formations.
2505	2512	7	Coal
2512	2530	18	Shale
2530	2535	5	Coal
2535	2575	40	Shale
2575	2605	30	Sand
			Top of Pictured Cliffs 2575'

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[illegible]

LOCATED - WELL, CORRECTLY

(6) $\mathcal{H}$ non separable

IMPROVING WATER RESOURCES

ALCOHOL DISEASE

10-43004-2 U. S. GOVERNMENT PRINTING OFFICE

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

MAPPING AND CORRELATION RECORD			
Section	Stratigraphic units in column	Thickness in feet	Remarks