

A 10x10 grid with a coordinate plane. The x-axis is labeled 'x' and the y-axis is labeled 'y'. The origin is marked with a dot and the letter 'O'. The grid lines are labeled with numbers 1 through 10 on both axes.

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 14-08-001-1051
LEASE OR PERMIT TO PROSPECT 079051-A

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pacific Northwest Pipeline Corp. Address 405-1/2 W. Broadway, Farmington, N.M.
Lessor or Tract 28-6 Field Blanco-Mesa Verde State New Mexico
Well No. 74-3 Sec. 3 T. 27N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. (N.) of N. Line and 890 ft. (W.) of E. Line of Section 3 Elevation 6317

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 _____ s/ T. A. Dugan

Date March 19, 1957

Title Assistant Division Manager

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

Commenced drilling ----- December 24, 1956 Finished drilling ----- January 11, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from G 4732' to 5389' 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 None 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
10-3/4	189.50	200	Pump Plug		
7-5/8	3340	150	Pump plug		
5-1/2	5440	200	Pump Plug		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material----- Size -----

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 5440 feet, and from _____ feet to _____ feet

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

DATES

February 6, 1957 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 2,723 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1111 SI tubing 1115 SI casing CAOF 3,848

EMPLOYEES

_____, Driller _____ Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2290	2290	Surface
2290	2487	197	Cjo Alamo
2487	2840	353	Kirtland
2840	3075	235	Fruitland
3075	3187	112	Pictured Cliffs
3187	4730	1543	Lewis
4730	4850	120	Cliff House
4850	5300	450	Menefee
5300	TD	140	Point Lookout
5440			Total Depth
5426		14	Plug Back Total Depth

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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, size, position, and number of shots. If gauges or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Perf 5385-89; 5357-68; 5347-51; 5316-40; 5308-12; 5298-5306; 5276-84; 5256-70;
5166-74; 5086-90; 5066-70; 5038-14; 4922-26; 5864-72; 4834-46; 4822-32;
4812-16; 4800-04; 4786-90; 4776-84; 4762-70; 4754-58; 4738-46; 4732-36
2 shaft/ft

Frac w/168,880 gals water only. B.D. 1500#, IP 1200#, avg. 2250#, max. 3200#, final 3100#, standing 0. Overall inj. rate 47 bbls./min. Used 300 balls.

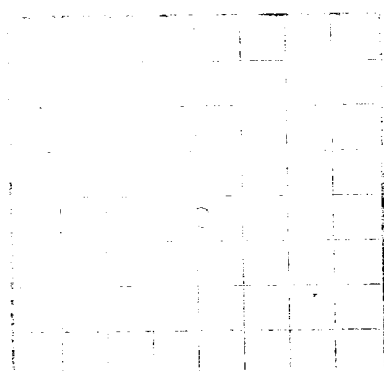
Ran Lane Wells Gamma Ray-Neutron 15' to 5426'; Multiple Space Neutron, 2800' to 3370', and 4570' to 5426'.

Max. Deviation 2° @ $21'90''$

TO: THE DIRECTOR, FBI

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GEOLOGICAL SURVEY

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OFFICE OF THE SECRETARY

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