

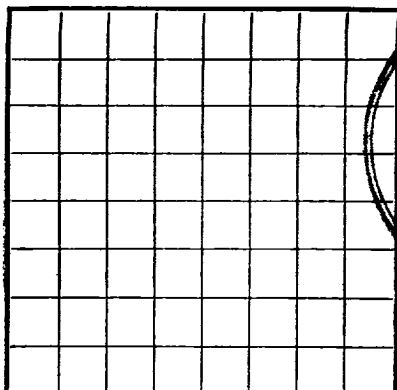
4 - U.S.G.S.
1 - W. R. Johnston
2 - C. C. Rogers
1 - File

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-65.

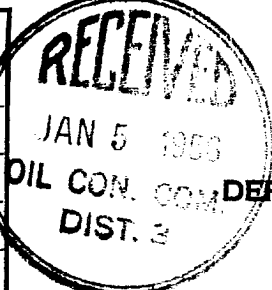
U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 000779

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEC
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company PACIFIC NORTHWEST PIPELINE CORP. Address 413 1/2 W. Main St., Farmington, New Mexico

Lessor or Tract Unit 29-6 Field BLANCO State NEW MEXICO

Well No. 20-8 Sec. 8 T. 29N R. 6W Meridian N.M.P.M. County Rio Arriba

Location 1460 ft. N of Sec. Line and 1430 ft. E of Sec. Line of Sec. 8 Elevation 6761.9
(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 _____ Original signed by T. A. Dugan

Date November 22, 1955 Title District Engineer

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

Commenced drilling July 6, 1955 Finished drilling 10-2, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5420 to 5983 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

No. 7, from _____ to _____ No. 8, from _____ to _____

No. 9, from _____ to _____ No. 10, from _____ to _____

No. 11, from _____ to _____ No. 12, from _____ to _____

No. 13, from _____ to _____ No. 14, from _____ to _____

No. 15, from _____ to _____ No. 16, from _____ to _____

No. 17, from _____ to _____ No. 18, from _____ to _____

No. 19, from _____ to _____ No. 20, from _____ to _____

No. 21, from _____ to _____ No. 22, from _____ to _____

No. 23, from _____ to _____ No. 24, from _____ to _____

No. 25, from _____ to _____ No. 26, from _____ to _____

No. 27, from _____ to _____ No. 28, from _____ to _____

No. 29, from _____ to _____ No. 30, from _____ to _____

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No. 111, from _____ to _____ No. 112, from _____ to _____

No. 113, from _____ to _____ No. 114, from _____ to _____

No. 115, from _____ to _____ No. 116, from _____ to _____

No. 117, from _____ to _____ No. 118, from _____ to _____

No. 119, from _____ to _____ No. 120, from _____ to _____

No. 121, from _____ to _____ No. 122, from _____ to _____

No. 123, from _____ to _____ No. 124, from _____ to _____

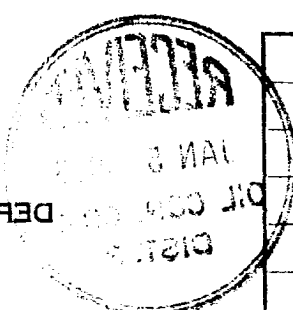
No. 125, from _____ to _____ No. 126, from _____ to _____

No. 127, from _____ to _____ No. 128, from _____ to _____

No. 129, from _____ to _____ No. 130, from _____ to _____

LEASE OR PERMIT TO PROSPECT
SERIAL NUMBER 38075
U.S. LAND OFFICE
DATE 12-1-54

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

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 _____
Original signed by T. A. Decker

Location Sec. 17, T. 36 N., R. 9 E. of Sec. Line and Meridian

Well No. 100 Sec. 17, T. 36 N., R. 9 E.

Lessor or Tract _____

County _____ State _____

Address _____

Completed drilling July 6 1933 Finished drilling July 14 1933
The summary on this page is for the condition of the well at above date.
Date November 2, 1933 Title Electric log near

OIL OR GAS SANDS OR ZONES

(Derechot v. par G)

TOTAL DEPTH 6005', perforated from 5963' to 5989'. Sand fine w/40,000 gals. water,
 11 1/2 gals./gal. Initial treat pressure 4500', maximum and final 5250'. Average injection
 rate 57 B.P.M. Set bridge plug 5760', perforated 5732-5737, zone w/40,000 gal.
 water, 57,000' sand. Initial treat pressure 1500' treat pressure 500', maximum
 1700', final 1200'. Went to 1500'. Average injection rate 37.7 B.P.M. Lost
 perforation gun but recovered it. Perforated 5488-5490 zone w/40,000 gals.
 water & 50,000' sand. 900' treat pressure. Average injection rate 48 B.P.M.
 Drilled out bridge plugs and ran tubing, completed well.

Size each	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From To	Purpose
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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 same and the results. There were any changes made in the casing, state fully, and if any casing was detached 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

MUDDING AND CEMENTING RECORD	DATE	TIME	WELL NO.	LOG NO.

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COPIES	17	1	1	1	1
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PLUGS AND ADAPTERS

Chapter - Material	286
Heaving log - 2400	287

SHOOTING RECORD

Rate	Explosive used	Quantity	Date	Depth cleaned out

TOOLS USED

Rotary tools were used from	feet to	feet and from	feet to
Table tools were used from	feet to	feet and from	feet to

DATE

[illegible][illegible]

Block pressure, lbs per sq. in.	115-120	115-120	115-120
Gas weight, lb per cu ft	0.115	0.115	0.115
Gas volume, cu ft of gas	1,000	1,000	1,000

EMPLOYEES

Driller	Driller	Driller	Driller
Driller	Driller	Driller	Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
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[illegible]