

4- USGS
1- W.R. Johnston
2- B. Dewees
1- File

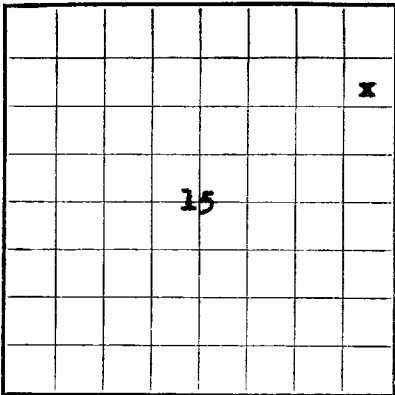
Budget Bureau No. 42-R356.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER SF 078765

LEASE OR PERMIT TO PROSPECT

14-08-001-587



LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOC OF OIL OR GAS WELL

Company Pacific Northwest Pipeline Corp. Address 405 1/2 W. Broadway, Farmington, New Mex.

Lessor or Tract Rosa Unit Field Blanco MV Ext. State New Mexico

Well No. 12-15 Sec. 15 T. 31N R. 6W Meridian NMPM County Rio Arriba

Location 1-30 ft. N of sec Line and 635 ft. W of sec Line of sec 15 Elevation 6262.4
(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. Lujan

Date 8-29-56

Title _____

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

Commenced drilling 6-8-56, 19____ Finished drilling 8-8-56, 19____

OIL OR GAS SANDS OR ZONES,
(Denote gas by G)

No. 1, from 5290 to 5716 G 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8	32.3	8RA		180.57	Tap Foot				
7	20	8RA	CPAI	355.75	Guide				
5	11.5	8RA	J&L	571.8	Float				
2 3/8	4.7	8RA	Tub.	567.9	Port Nipple				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	196.07	150 SX	Halliburton		
7	3570	200 SX	Halliburton		
5	5728.72	175 SX	Halliburton		

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 0 feet to 5729 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 9,492 Cal Abso Open Flow

SICP 1116# SITP 1113#

Tested 8-15-56, 3 hours, 3/4" choke, Shut in 7 days.

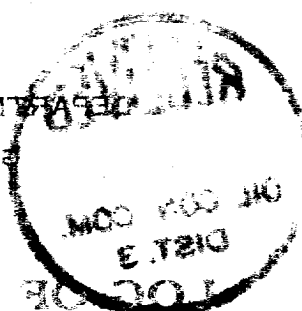
Robert Meize Driller
Drilling Engineer
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2318	2318	Surface
2318	2415	97	Ojo Alamo— Sand
2415	2873	458	Kirtland— Shale w/some sand
2873	3080	207	Fruitland— Interbedded shale, sand & coal
3080	3468	388	Pictured Cliffs— Sand
3468	5290	1822	Lewis— Shale
5290	5342	52	Cliff House— Sand
5342	5571	229	Menefee— Interbedded sand, shale & coal
5571	5727	156	Point Lookout— Sand
5727			Total Depth
5722			Plug back depth

U.S. Land Office
Serial Number
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BIOLOGICAL SURVEY



TOC OF OR CAR WHEEL

[illegible]

1. The first step in the process of the formation of the new state is the establishment of a new government. This is done by the people of the state, who elect representatives to a constitutional convention. The convention then drafts a constitution, which is then approved by the people in a referendum. Once the constitution is approved, the new government is established, and the state is officially formed.

1. The following information is being furnished to you for your information:

[illegible]

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 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

U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
1500-	1490-	10	SAND
1480-	1470-	10	SAND
1460-	1450-	10	SAND
1440-	1430-	10	SAND
1420-	1410-	10	SAND
1400-	1390-	10	SAND
1380-	1370-	10	SAND
1360-	1350-	10	SAND
1340-	1330-	10	SAND
1320-	1310-	10	SAND
1300-	1290-	10	SAND
1280-	1270-	10	SAND
1260-	1250-	10	SAND
1240-	1230-	10	SAND
1220-	1210-	10	SAND
1200-	1190-	10	SAND
1180-	1170-	10	SAND
1160-	1150-	10	SAND
1140-	1130-	10	SAND
1120-	1110-	10	SAND
1100-	1090-	10	SAND
1080-	1070-	10	SAND
1060-	1050-	10	SAND
1040-	1030-	10	SAND
1020-	1010-	10	SAND
1000-	990-	10	SAND
980-	970-	10	SAND
960-	950-	10	SAND
940-	930-	10	SAND
920-	910-	10	SAND
900-	890-	10	SAND
880-	870-	10	SAND
860-	850-	10	SAND
840-	830-	10	SAND
820-	810-	10	SAND
800-	790-	10	SAND
780-	770-	10	SAND
760-	750-	10	SAND
740-	730-	10	SAND
720-	710-	10	SAND
700-	690-	10	SAND
680-	670-	10	SAND
660-	650-	10	SAND
640-	630-	10	SAND
620-	610-	10	SAND
600-	590-	10	SAND
580-	570-	10	SAND
560-	550-	10	SAND
540-	530-	10	SAND
520-	510-	10	SAND
500-	490-	10	SAND
480-	470-	10	SAND
460-	450-	10	SAND
440-	430-	10	SAND
420-	410-	10	SAND
400-	390-	10	SAND
380-	370-	10	SAND
360-	350-	10	SAND
340-	330-	10	SAND
320-	310-	10	SAND
300-	290-	10	SAND
280-	270-	10	SAND
260-	250-	10	SAND
240-	230-	10	SAND
220-	210-	10	SAND
200-	190-	10	SAND
180-	170-	10	SAND
160-	150-	10	SAND
140-	130-	10	SAND
120-	110-	10	SAND
100-	90-	10	SAND
80-	70-	10	SAND
60-	50-	10	SAND
40-	30-	10	SAND
20-	10-	10	SAND
0-	-10-	10	SAND