

4 - USGS
1 - W.R. Johnston
2 - C.C. Rogers
1 - FileBudget Bureau No. 42-R-355.3
Approval expires 12-31-55.U. S. LAND OFFICE Santa FeSERIAL NUMBER 978772

LEASE OR PERMIT TO PROSPECT

Rosa Unit

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED
DEC 23 1955
OIL CON. COM.
DIST. 3

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company PACIFIC NORTHWEST PIPELINE CORP. Address 413 1/2 West Main St., Farmington, N.M.Lessor or Tract Rosa Unit Field Wildcat State New MexicoWell No. 9-11 Sec. 11 T. 31N R. 6W Meridian N.M.P.M. County Rio ArribaLocation 1800 ft. N. of Sec. 11 Line and 1650 ft. E. of Sec. 11 Line of Sec. 11 Elevation 6275.4The 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. Original signed by T. A. Dugan
Signed _____Date November 15, 1955 Title District Engineer

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

Commenced drilling _____, 19____ Finished drilling _____, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5344 to 5498 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 2884 to 2971 No. 3, from _____ to _____No. 2, from 2971 to 3046 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—	
10-3/4"	32.75	8 B4	L & S	205.44	Casing				
7-5/8"	26.40	8 B4	L & S	111.11	Casing				
5-1/2"	21.84	8 B4	L & S	125.44	Casing				
HISTORY OF OIL OR GAS WELLS									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	218.44	160 ex 45	Halliburton		
7-5/8"	3500	130 ex 45	Halliburton		
5-1/2"	5740	125 ex	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 _____ feet to _____ feet, and from _____ feet to _____ feet

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

DATES

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

Rock pressure, lbs. per sq. in. _____

S.I.T.P. 1174 - S.I.C.P. 11624

EMPLOYEES

Merris B. Jones, Drig. Peruman, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2274	2274	Surface
2274	2448	174	Sand Ojo Alamo
2448	2846	398	Shale w/ some sand - Kirtland
2846	3078	232	Interbedded shales, coals & Sand-Puritland
3078	3495	417	Sand - Pictured Cliffs
3495	5298	1803	Shale - Lewis
5298	5344	46	Sand - Cliff House
5344	5578	232	Sands, shales & coals - Menefee
5578	5740	164	Total Depth

FROM—

TO—

TOTAL FEET

(OVER)

FORMATION

16-43094-3

LOCATION RECORD—Continued

PLEASE OR PERMIT TO PROSPECT
SERIAL NUMBER
M. & L. AND OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

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. Original signed by T. A. Dugan

Signed _____

Location of _____ of _____ line and _____ of _____ line of _____ Elevation _____

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____ County _____ State _____

Lessor or Trust _____ Address _____

Company _____

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

 Title _____ Date _____

OIL OR GAS SANDS OR ZONES

[illegible]

CASING RECORD

[illegible]

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD					
Station	Water	Number sacks of cement	Method used	Mud gravity	Amount of mud used
1	1.00	1.00	1.00	1.00	1.00
2	1.00	1.00	1.00	1.00	1.00
3	1.00	1.00	1.00	1.00	1.00
4	1.00	1.00	1.00	1.00	1.00
5	1.00	1.00	1.00	1.00	1.00
6	1.00	1.00	1.00	1.00	1.00
7	1.00	1.00	1.00	1.00	1.00
8	1.00	1.00	1.00	1.00	1.00
9	1.00	1.00	1.00	1.00	1.00
10	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00
12	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00
14	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00
16	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00
18	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00
20	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00
22	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00
26	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00
28	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00
31	1.00	1.00	1.00	1.00	1.00
32	1.00	1.00	1.00	1.00	1.00
33	1.00	1.00	1.00	1.00	1.00
34	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00
36	1.00	1.00	1.00	1.00	1.00
37	1.00	1.00	1.00	1.00	1.00
38	1.00	1.00	1.00	1.00	1.00
39	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00
41	1.00	1.00	1.00	1.00	1.00
42	1.00	1.00	1.00	1.00	1.00
43	1.00	1.00	1.00	1.00	1.00
44	1.00	1.00	1.00	1.00	1.00
45	1.00	1.00	1.00	1.00	1.00
46	1.00	1.00	1.00	1.00	1.00
47	1.00	1.00	1.00	1.00	1.00
48	1.00	1.00	1.00	1.00	1.00
49	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00
51	1.00	1.00	1.00	1.00	1.00
52	1.00	1.00	1.00	1.00	1.00
53	1.00	1.00	1.00	1.00	1.00
54	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00
56	1.00	1.00	1.00	1.00	1.00
57	1.00	1.00	1.00	1.00	1.00
58	1.00	1.00	1.00	1.00	1.00
59	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00
61	1.00	1.00	1.00	1.00	1.00
62	1.00	1.00	1.00	1.00	1.00

PLUGS AND ADAPTERS

Adapters-Material	Size	Length	Diameter
Heaving plug-Material			

SHOOTING RECORD

[illegible]

TOOLS USED

Rearranging tools were used from feet to feet and from feet to feet.

DATE

Put to Proving 10

Production for the first 24 hours was	of water used	of sediment	(Gravity BOD)	of which 1% was oil
1000000	1000000	1000000	1000000	1000000

11 gals. well cut ft. per 24 hours	Gallons gasoline per 1,000 cu. ft. of gas
11 gals. well cut ft. per 24 hours	Gallons gasoline per 1,000 cu. ft. of gas

Block pressure, lbs. per sq. in.

EMPLOYEES

Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	400	400	Gravel
400	450	50	Gravel
450	500	50	Gravel
500	550	50	Gravel
550	600	50	Gravel
600	650	50	Gravel
650	700	50	Gravel
700	750	50	Gravel
750	800	50	Gravel
800	850	50	Gravel
850	900	50	Gravel
900	950	50	Gravel
950	1000	50	Gravel
1000	1050	50	Gravel
1050	1100	50	Gravel
1100	1150	50	Gravel
1150	1200	50	Gravel
1200	1250	50	Gravel
1250	1300	50	Gravel
1300	1350	50	Gravel
1350	1400	50	Gravel
1400	1450	50	Gravel
1450	1500	50	Gravel
1500	1550	50	Gravel
1550	1600	50	Gravel
1600	1650	50	Gravel
1650	1700	50	Gravel
1700	1750	50	Gravel
1750	1800	50	Gravel
1800	1850	50	Gravel
1850	1900	50	Gravel
1900	1950	50	Gravel
1950	2000	50	Gravel
2000	2050	50	Gravel
2050	2100	50	Gravel
2100	2150	50	Gravel
2150	2200	50	Gravel
2200	2250	50	Gravel
2250	2300	50	Gravel
2300	2350	50	Gravel
2350	2400	50	Gravel
2400	2450	50	Gravel
2450	2500	50	Gravel
2500	2550	50	Gravel
2550	2600	50	Gravel
2600	2650	50	Gravel
2650	2700	50	Gravel
2700	2750	50	Gravel
2750	2800	50	Gravel
2800	2850	50	Gravel
2850	2900	50	Gravel
2900	2950	50	Gravel
2950	3000	50	Gravel
3000	3050	50	Gravel
3050	3100	50	Gravel
3100	3150	50	Gravel
3150	3200	50	Gravel
3200	3250	50	Gravel
3250	3300	50	Gravel
3300	3350	50	Gravel
3350	3400	50	Gravel
3400	3450	50	Gravel
3450	3500	50	Gravel
3500	3550	50	Gravel
3550	3600	50	Gravel
3600	3650	50	Gravel
3650	3700	50	Gravel
3700	3750	50	Gravel
3750	3800	50	Gravel
3800	3850	50	Gravel
3850	3900	50	Gravel
3900	3950	50	Gravel
3950	4000	50	Gravel
4000	4050	50	Gravel
4050	4100	50	Gravel
4100	4150	50	Gravel
4150	4200	50	Gravel
4200	4250	50	Gravel
4250	4300	50	Gravel
4300	4350	50	Gravel
4350	4400	50	Gravel
4400	4450	50	Gravel
4450	4500	50	Gravel
4500	4550	50	Gravel
4550	4600	50	Gravel
4600	4650	50	Gravel
4650	4700	50	Gravel
4700	4750	50	Gravel
4750	4800	50	Gravel
4800	4850	50	Gravel
4850	4900	50	Gravel
4900	4950	50	Gravel
4950	5000	50	Gravel

FORMATION RECORD—Continued