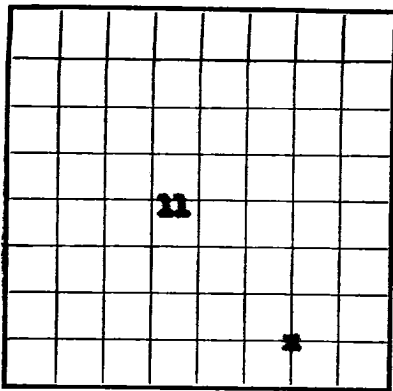


4-3503
2-C. C. Rogers
1-W. R. Johnston
1-FileBudget Bureau No. 42-R-355.3.
Approval expires 12-31-65.U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 6797274
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

RECEIVED
MAY 29 1956
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICOCompany PACIFIC NORTHWEST PIPELINE CORP. Address 137 West Main
Lessor or Tract Unit # 23-4 Field Almont P.C. State New Mexico
Well No. 4-11 Sec. 11 T. 28N R. 4W Meridian N.M.P.M. County San Juan
Location 1075 ft. [N.] of Sec. Line and 925 ft. [E.] of Sec. Line of Sec. 11 Elevation 4420The information given herewith is a complete and correct record of the well and all logs so far as can be determined from all available records.

Signed _____ Original signed by T. A. Dugan

Date April 13, 1956 Title Cliff Fern
The summary on this page is for the condition of the well at above date.Commenced drilling April 13, 1956 to April 13, 1956 Finished drilling April 13, 1956

OIL OR GAS SANDS OR ZONES

No. 1, from 4420 to 4400 No. 2, from 4400 to 4380No. 3, from 4380 to 4360 No. 4, from 4360 to 4340No. 5, from 4340 to 4320 No. 6, from 4320 to 4300No. 7, from 4300 to 4280 No. 8, from 4280 to 4260No. 9, from 4260 to 4240 No. 10, from 4240 to 4220No. 11, from 4220 to 4200 No. 12, from 4200 to 4180No. 13, from 4180 to 4160 No. 14, from 4160 to 4140No. 15, from 4140 to 4120 No. 16, from 4120 to 4100No. 17, from 4100 to 4080 No. 18, from 4080 to 4060No. 19, from 4060 to 4040 No. 20, from 4040 to 4020No. 21, from 4020 to 4000 No. 22, from 4000 to 3980No. 23, from 3980 to 3960 No. 24, from 3960 to 3940No. 25, from 3940 to 3920 No. 26, from 3920 to 3900No. 27, from 3900 to 3880 No. 28, from 3880 to 3860No. 29, from 3860 to 3840 No. 30, from 3840 to 3820No. 31, from 3820 to 3800 No. 32, from 3800 to 3780No. 33, from 3780 to 3760 No. 34, from 3760 to 3740No. 35, from 3740 to 3720 No. 36, from 3720 to 3700No. 37, from 3700 to 3680 No. 38, from 3680 to 3660No. 39, from 3660 to 3640 No. 40, from 3640 to 3620No. 41, from 3620 to 3600 No. 42, from 3600 to 3580No. 43, from 3580 to 3560 No. 44, from 3560 to 3540No. 45, from 3540 to 3520 No. 46, from 3520 to 3500No. 47, from 3500 to 3480 No. 48, from 3480 to 3460No. 49, from 3460 to 3440 No. 50, from 3440 to 3420No. 51, from 3420 to 3400 No. 52, from 3400 to 3380No. 53, from 3380 to 3360 No. 54, from 3360 to 3340No. 55, from 3340 to 3320 No. 56, from 3320 to 3300No. 57, from 3300 to 3280 No. 58, from 3280 to 3260No. 59, from 3260 to 3240 No. 60, from 3240 to 3220No. 61, from 3220 to 3200 No. 62, from 3200 to 3180No. 63, from 3180 to 3160 No. 64, from 3160 to 3140No. 65, from 3140 to 3120 No. 66, from 3120 to 3100No. 67, from 3100 to 3080 No. 68, from 3080 to 3060No. 69, from 3060 to 3040 No. 70, from 3040 to 3020No. 71, from 3020 to 3000 No. 72, from 3000 to 2980No. 73, from 2980 to 2960 No. 74, from 2960 to 2940No. 75, from 2940 to 2920 No. 76, from 2920 to 2900No. 77, from 2900 to 2880 No. 78, from 2880 to 2860No. 79, from 2860 to 2840 No. 80, from 2840 to 2820No. 81, from 2820 to 2800 No. 82, from 2800 to 2780No. 83, from 2780 to 2760 No. 84, from 2760 to 2740No. 85, from 2740 to 2720 No. 86, from 2720 to 2700No. 87, from 2700 to 2680 No. 88, from 2680 to 2660No. 89, from 2660 to 2640 No. 90, from 2640 to 2620No. 91, from 2620 to 2600 No. 92, from 2600 to 2580No. 93, from 2580 to 2560 No. 94, from 2560 to 2540No. 95, from 2540 to 2520 No. 96, from 2520 to 2500No. 97, from 2500 to 2480 No. 98, from 2480 to 2460No. 99, from 2460 to 2440 No. 100, from 2440 to 2420No. 101, from 2420 to 2400 No. 102, from 2400 to 2380No. 103, from 2380 to 2360 No. 104, from 2360 to 2340No. 105, from 2340 to 2320 No. 106, from 2320 to 2300No. 107, from 2300 to 2280 No. 108, from 2280 to 2260No. 109, from 2260 to 2240 No. 110, from 2240 to 2220No. 111, from 2220 to 2200 No. 112, from 2200 to 2180No. 113, from 2180 to 2160 No. 114, from 2160 to 2140No. 115, from 2140 to 2120 No. 116, from 2120 to 2100No. 117, from 2100 to 2080 No. 118, from 2080 to 2060No. 119, from 2060 to 2040 No. 120, from 2040 to 2020No. 121, from 2020 to 2000 No. 122, from 2000 to 1980No. 123, from 1980 to 1960 No. 124, from 1960 to 1940No. 125, from 1940 to 1920 No. 126, from 1920 to 1900No. 127, from 1900 to 1880 No. 128, from 1880 to 1860No. 129, from 1860 to 1840 No. 130, from 1840 to 1820No. 131, from 1820 to 1800 No. 132, from 1800 to 1780No. 133, from 1780 to 1760 No. 134, from 1760 to 1740No. 135, from 1740 to 1720 No. 136, from 1720 to 1700No. 137, from 1700 to 1680 No. 138, from 1680 to 1660No. 139, from 1660 to 1640 No. 140, from 1640 to 1620No. 141, from 1620 to 1600 No. 142, from 1600 to 1580No. 143, from 1580 to 1560 No. 144, from 1560 to 1540No. 145, from 1540 to 1520 No. 146, from 1520 to 1500No. 147, from 1500 to 1480 No. 148, from 1480 to 1460No. 149, from 1460 to 1440 No. 150, from 1440 to 1420No. 151, from 1420 to 1400 No. 152, from 1400 to 1380No. 153, from 1380 to 1360 No. 154, from 1360 to 1340No. 155, from 1340 to 1320 No. 156, from 1320 to 1300No. 157, from 1300 to 1280 No. 158, from 1280 to 1260No. 159, from 1260 to 1240 No. 160, from 1240 to 1220No. 161, from 1220 to 1200 No. 162, from 1200 to 1180No. 163, from 1180 to 1160 No. 164, from 1160 to 1140No. 165, from 1140 to 1120 No. 166, from 1120 to 1100No. 167, from 1100 to 1080 No. 168, from 1080 to 1060No. 169, from 1060 to 1040 No. 170, from 1040 to 1020No. 171, from 1020 to 1000 No. 172, from 1000 to 980No. 173, from 980 to 960 No. 174, from 960 to 940No. 175, from 940 to 920 No. 176, from 920 to 900No. 177, from 900 to 880 No. 178, from 880 to 860No. 179, from 860 to 840 No. 180, from 840 to 820No. 181, from 820 to 800 No. 182, from 800 to 780No. 183, from 780 to 760 No. 184, from 760 to 740No. 185, from 740 to 720 No. 186, from 720 to 700No. 187, from 700 to 680 No. 188, from 680 to 660No. 189, from 660 to 640 No. 190, from 640 to 620No. 191, from 620 to 600 No. 192, from 600 to 580No. 193, from 580 to 560 No. 194, from 560 to 540No. 195, from 540 to 520 No. 196, from 520 to 500No. 197, from 500 to 480 No. 198, from 480 to 460No. 199, from 460 to 440 No. 200, from 440 to 420No. 201, from 420 to 400 No. 202, from 400 to 380No. 203, from 380 to 360 No. 204, from 360 to 340No. 205, from 340 to 320 No. 206, from 320 to 300No. 207, from 300 to 280 No. 208, from 280 to 260No. 209, from 260 to 240 No. 210, from 240 to 220No. 211, from 220 to 200 No. 212, from 200 to 180No. 213, from 180 to 160 No. 214, from 160 to 140No. 215, from 140 to 120 No. 216, from 120 to 100No. 217, from 100 to 80 No. 218, from 80 to 60No. 219, from 60 to 40 No. 220, from 40 to 20No. 221, from 20 to 0 No. 222, from 0 to 0No. 223, from 0 to 0 No. 224, from 0 to 0No. 225, from 0 to 0 No. 226, from 0 to 0No. 227, from 0 to 0 No. 228, from 0 to 0No. 229, from 0 to 0 No. 230, from 0 to 0No. 231, from 0 to 0 No. 232, from 0 to 0No. 233, from 0 to 0 No. 234, from 0 to 0No. 235, from 0 to 0 No. 236, from 0 to 0No. 237, from 0 to 0 No. 238, from 0 to 0No. 239, from 0 to 0 No. 240, from 0 to 0No. 241, from 0 to 0 No. 242, from 0 to 0No. 243, from 0 to 0 No. 244, from 0 to 0No. 245, from 0 to 0 No. 246, from 0 to 0No. 247, from 0 to 0 No. 248, from 0 to 0No. 249, from 0 to 0 No. 250, from 0 to 0No. 251, from 0 to 0 No. 252, from 0 to 0No. 253, from 0 to 0 No. 254, from 0 to 0No. 255, from 0 to 0 No. 256, from 0 to 0No. 257, from 0 to 0 No. 258, from 0 to 0No. 259, from 0 to 0 No. 260, from 0 to 0No. 261, from 0 to 0 No. 262, from 0 to 0No. 263, from 0 to 0 No. 264, from 0 to 0No. 265, from 0 to 0 No. 266, from 0 to 0No. 267, from 0 to 0 No. 268, from 0 to 0No. 269, from 0 to 0 No. 270, from 0 to 0No. 271, from 0 to 0 No. 272, from 0 to 0No. 273, from 0 to 0 No. 274, from 0 to 0No. 275, from 0 to 0 No. 276, from 0 to 0

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Original signed by T. A. Dwyer

Location ft. [N.] of [W.] Line and ft. [E.] of [W.] Line of [] Elevation
Well No. [] Sec. [] T. [] R. [] Meridian
Lessor or Tract []
Company []
Address []
State []
Field []
Blaine []
[]

[illegible]

Size casing per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
From	To						
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 the results obtained. If any changes made in the casing, state fully, and if any casing was "backtracked" or left in the well, state the size and location. If removed, be sure to state the date, size, position, and number of shoes. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.							

MUDDING AND CEMENTING RECORD

Weighting	Where set	Number sacks of cement	Mortar used	Mud gravity	Amount of mud used
100%	75.00	100	100		
75%	75.00	100	100		
50%	75.00	100	100		
25%	75.00	100	100		

PLUGS AND ADAPTERS

SHOOTING RECORD		Material	Size	Length	Depth set
		Material	Size	Length	Depth set

SHOOTING RECORD

[illegible]

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

11 gas well, output per 24 hours		Gallons gasoline per 1,000 cu. ft. of gas
transmission; % water; and % sediment.		Gravity, °Be.
The production for the first 24 hours was	_____ barrels of fluid of which _____ % was oil; _____ %	
11-6		Put to producing _____, 19____

SECRET

Driller		Towed by Chief Form II-7 Driller
Driller		Driller

FORMATION RECORD

FORMATION	TOTAL FEET	TO-	FROM-
1. Sandstone - 100'	100	100	0
2. Sandstone - 100'	100	200	100
3. Sandstone - 100'	100	300	200
4. Sandstone - 100'	100	400	300
5. Sandstone - 100'	100	500	400
6. Sandstone - 100'	100	600	500
7. Sandstone - 100'	100	700	600
8. Sandstone - 100'	100	800	700
9. Sandstone - 100'	100	900	800
10. Sandstone - 100'	100	1000	900
Total Depth	1000		