

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

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. LAND OFFICE New MexicoSERIAL NUMBER 03189

LEASE OR PERMIT TO PROSPECT

#14-02-001-948 I-5C 0946

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

MAR 9 1956
OIL CON. COM.
DIST. 3

LOG OF OIL OR GAS WELL

RECEIVED
FEB 21 1956
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOCATE WELL CORRECTLY

Company PACIFIC NORTHWEST PIPELINE CORP. Address 413 1/2 West Main, Farmington, N.M.
Lessor or Tract Cox Canyon Field Blanco State New Mexico
Well No. 3-9 Sec. 9 T. 32 R. 11W Meridian N.M.P.M. County San Juan
Location 1650 ft. N of Sec Line and 990 ft. E of Sec Line of Sec 9 Elevation 6548.1
(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. DuganDate February 10, 1956Title District Engineer

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

Commenced drilling 10 - 24, 19 55 Finished drilling 12 - 11, 19 55

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5470 to 5622 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
10-3/4	32.75	EMA	J.&L.	220			From—	To—
7-5/8	24	EMA	J.&L.	540			From—	To—
5-1/2	14	EMA	C.F. & I.	560			From—	To—
3-1/2		EMA	Baker	1			From—	To—

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	235	180 sz 41 gel	Halliburton		
7-5/8	3462	150 sz 84 w/40% floc	50 neat Halliburton		
5-1/2	5668	150 sz regular	Halliburton		
2-3/8	5616	tubing			

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 5648 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

12 - 11 - _____, 19 55

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 Yes ft. per 24 hours 5704 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 5177 1143 SICP 1046

EMPLOYEES

Larry Stone, Drilling Foreman Driller _____, Driller _____
_____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2040	2040	Surface
2040	2167	127	Ojo Alamo - Sand
2167	2780	613	Kirtland - Shale w/some sand
2780	3220	440	Fruitland - Interbedded shales, sands and coals.
3220	3415	195	Pictured Cliffs - Sand
3415	5077	1662	Lewis - Shale
5077	5170	93	Cliff House - Sand
5170	5504	334	Mancos - Interbedded shales, sands and coals.
5504	5668	164	Point Lookout - Sand
5668	—	5668	Total Depth

FROM—

TO—

TOTAL FEET

[OVER]

FORMATION

16-43094-3

FORMATION RECORD—CONTINUED

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DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECT X

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.

Location $2^{\circ} 18' N$ of $2^{\circ} 18' N$ line and $11^{\circ} 15' W$ of $11^{\circ} 15' W$ Meridian
 Well No. $11^{\circ} 15' N$ Sec. $11^{\circ} 15' N$ T. $11^{\circ} 15' N$ R. $11^{\circ} 15' W$ Meridian
 Lessor or Tract _____
 Field _____ State _____
 County _____
 Address _____
 Company _____

The sum of the money paid for the purchase of the land is for the condition of the land at the date of purchase.

Date: _____ of month _____ 19____

Title: _____

Completed drilling _____ 19____
Finished drilling _____ 19____

Oil or Gas Sands or Zones

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ZnO 1 from	to	ZnO 4 from	to
ZnO 8 from	to	ZnO 9 from	to
ZnO 2 from	to	ZnO 3 from	to

IMPORTANT WATER SANDS

to Bureau. Avg. I.R. 54 B.P.M., range after time 4336 M.C.F. Run 5603' at 2-3/8".
I.R. 59 B.P.M. Set B.P. at 5552, combined depth 576-5552, time by horse w/40,000
gallons water 30,000. 20-40 sand. B.D. 750'. Avg. I.R. 54 B.P.M., range after time 4336 M.C.F. Run 5603' at 2-3/8".

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.

MISSION: OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-50842-2

MIDDING AND CEMENTING RECORD

Время выезда из лагеря А	Время прибытия в М	Время выезда из М	Время прибытия в М	Время выезда из М	Время прибытия в М	Время выезда из М	Время прибытия в М
10.00	10.15	10.30	10.45	11.00	11.15	11.30	11.45
12.00	12.15	12.30	12.45	13.00	13.15	13.30	13.45
14.00	14.15	14.30	14.45	15.00	15.15	15.30	15.45
16.00	16.15	16.30	16.45	17.00	17.15	17.30	17.45
18.00	18.15	18.30	18.45	19.00	19.15	19.30	19.45
20.00	20.15	20.30	20.45	21.00	21.15	21.30	21.45
22.00	22.15	22.30	22.45	23.00	23.15	23.30	23.45
24.00	24.15	24.30	24.45	25.00	25.15	25.30	25.45
26.00	26.15	26.30	26.45	27.00	27.15	27.30	27.45
28.00	28.15	28.30	28.45	29.00	29.15	29.30	29.45
30.00	30.15	30.30	30.45	31.00	31.15	31.30	31.45
32.00	32.15	32.30	32.45	33.00	33.15	33.30	33.45
34.00	34.15	34.30	34.45	35.00	35.15	35.30	35.45
36.00	36.15	36.30	36.45	37.00	37.15	37.30	37.45
38.00	38.15	38.30	38.45	39.00	39.15	39.30	39.45
40.00	40.15	40.30	40.45	41.00	41.15	41.30	41.45
42.00	42.15	42.30	42.45	43.00	43.15	43.30	43.45
44.00	44.15	44.30	44.45	45.00	45.15	45.30	45.45
46.00	46.15	46.30	46.45	47.00	47.15	47.30	47.45
48.00	48.15	48.30	48.45	49.00	49.15	49.30	49.45
50.00	50.15	50.30	50.45	51.00	51.15	51.30	51.45
52.00	52.15	52.30	52.45	53.00	53.15	53.30	53.45
54.00	54.15	54.30	54.45	55.00	55.15	55.30	55.45
56.00	56.15	56.30	56.45	57.00	57.15	57.30	57.45
58.00	58.15	58.30	58.45	59.00	59.15	59.30	59.45
60.00	60.15	60.30	60.45	61.00	61.15	61.30	61.45
62.00	62.15	62.30	62.45	63.00	63.15	63.30	63.45
64.00	64.15	64.30	64.45	65.00	65.15	65.30	65.45
66.00	66.15	66.30	66.45	67.00	67.15	67.30	67.45
68.00	68.15	68.30	68.45	69.00	69.15	69.30	69.45
70.00	70.15	70.30	70.45	71.00	71.15	71.30	71.45
72.00	72.15	72.30	72.45	73.00	73.15	73.30	73.45
74.00	74.15	74.30	74.45	75.00	75.15	75.30	75.45
76.00	76.15	76.30	76.45	77.00	77.15	77.30	77.45
78.00	78.15	78.30	78.45	79.00	79.15	79.30	79.45
80.00	80.15	80.30	80.45	81.00	81.15	81.30	81.45
82.00	82.15	82.30	82.45	83.00	83.15	83.30	83.45
84.00	84.15	84.30	84.45	85.00	85.15	85.30	85.45
86.00	86.15	86.30	86.45	87.00	87.15	87.30	87.45
88.00	88.15	88.30	88.45	89.00	89.15	89.30	89.45
90.00	90.15	90.30	90.45	91.00	91.15	91.30	91.45
92.00	92.15	92.30	92.45	93.00	93.15	93.30	

PLUGS AND ADAPTERS

SHOOTING RECORD	
Adaptation - Material	
Heaving plug - Material	

SHOOTING RECORD

[illegible]

TOOLS USED

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

DATE

It was well over 12 hours before the	10
emulsion; water and oil sediment	11
The production for the first 24 hours was	12
Put to producing	13

EMPLOYEES

Driller	Driller		
Driller	Driller		

FORMATION RECORD

FROM -	TO -	TOTAL FEET	DESCRIPTION
	100	100	100
	200	200	200
	300	300	300
	400	400	400
	500	500	500
	600	600	600
	700	700	700
	800	800	800
	900	900	900
	1000	1000	1000
	1100	1100	1100
	1200	1200	1200
	1300	1300	1300
	1400	1400	1400
	1500	1500	1500
	1600	1600	1600
	1700	1700	1700
	1800	1800	1800
	1900	1900	1900
	2000	2000	2000
	2100	2100	2100
	2200	2200	2200
	2300	2300	2300
	2400	2400	2400
	2500	2500	2500
	2600	2600	2600
	2700	2700	2700
	2800	2800	2800
	2900	2900	2900
	3000	3000	3000
	3100	3100	3100
	3200	3200	3200
	3300	3300	3300
	3400	3400	3400
	3500	3500	3500
	3600	3600	3600
	3700	3700	3700
	3800	3800	3800
	3900	3900	3900
	4000	4000	4000
	4100	4100	4100
	4200	4200	4200
	4300	4300	4300
	4400	4400	4400
	4500	4500	4500
	4600	4600	4600
	4700	4700	4700
	4800	4800	4800
	4900	4900	4900
	5000	5000	5000
	5100	5100	5100
	5200	5200	5200
	5300	5300	5300
	5400	5400	5400
	5500	5500	5500
	5600	5600	5600
	5700	5700	5700
	5800	5800	5800
	5900	5900	5900
	6000	6000	6000
	6100	6100	6100
	6200	6200	6200
	6300	6300	6300
	6400	6400	6400
	6500	6500	6500
	6600	6600	6600
	6700	6700	6700
	6800	6800	6800
	6900	6900	6900
	7000	7000	7000
	7100	7100	7100
	7200	7200	7200
	7300	7300	7300
	7400	7400	7400
	7500	7500	7500
	7600	7600	7600
	7700	7700	7700
	7800	7800	7800
	7900	7900	7900
	8000	8000	8000
	8100	8100	8100
	8200	8200	8200
	8300	8300	8300
	8400	8400	8400
	8500	8500	8500
	8600	8600	8600
	8700	8700	8700
	8800	8800	8800
	8900	8900	8900
	9000	9000	9000
	9100	9100	9100
	9200	9200	9200
	9300	9300	9300
	9400	9400	9400
	9500	9500	9500
	9600	9600	9600
	9700	9700	9700