

3 - USGS  
2 - NMOC  
3 - El Paso Natural  
1 - Southern Union Gas  
1 - State Land Office  
1 - L. G. Truby  
1 - File

Budget Bureau No. 42-R355.4.  
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER SF-078425

LEASE OR PERMIT TO PROSPECT

14-08-001-1650

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company PACIFIC NORTHWEST PIPELINE CORP. Address 418 1/2 W. Bldg., Farmington, N.M.  
Lessor or Tract San Juan 29-7 Unit Field Blanco Mesa Verde State New Mexico  
Well No. 70-35 Sec. 35 T 29N R. 7W Meridian N.M.P.M. County Rio Arriba  
Location 1140 ft.  $\left\{ \begin{array}{l} \text{N.} \\ \text{S.} \end{array} \right\}$  of S Line and 1550 ft.  $\left\{ \begin{array}{l} \text{E.} \\ \text{W.} \end{array} \right\}$  of W Line of Section 35 Elevation 6624'  
(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 Geo. H. Pappin

Date August 12th, 1958

Title Dist. Promotion Engineer

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

Commenced drilling July 10th, 1958 Finished drilling July 18th, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from G 5098' to G 5762' 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— |         |
| <u>10-3/4</u> | <u>32.75</u>    | <u>8rd</u>       | <u>Ben.</u>       | <u>186.85</u>  | <u>Tex. Pat.</u> |                               |            |     |         |
| <u>7-5/8</u>  | <u>26.40</u>    | <u>8rd</u>       | <u>Ben.</u>       | <u>1518.00</u> | <u>guide</u>     |                               |            |     |         |
| <u>5-1/2</u>  | <u>14.</u>      | <u>8rd</u>       | <u>Ben.</u>       | <u>2234.95</u> | <u>float</u>     | <u>1114' Ranger @ 3509.45</u> |            |     |         |
| <u>1-1/4</u>  | <u>2.4</u>      | <u>10rd</u>      | <u>Youngstown</u> | <u>568.81</u>  | <u>TURNING</u>   | <u>MEET</u>                   |            |     |         |

MUDDING AND CEMENTING RECORD

| Size casing   | Where set      | Number sacks of cement | Method used      | Mud gravity | Amount of mud used |
|---------------|----------------|------------------------|------------------|-------------|--------------------|
| <u>10-3/4</u> | <u>198.85</u>  | <u>200</u>             | <u>Pump Plug</u> |             |                    |
| <u>7-5/8</u>  | <u>3560.00</u> | <u>200</u>             | <u>Pump Plug</u> |             |                    |
| <u>5-1/2</u>  | <u>5764.00</u> | <u>200</u>             | <u>Pump Plug</u> |             |                    |

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 5764' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

July 21st, 1958 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 8,320.000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 1093#, avg. 1093# CAOF 12,277 MCF/D  
EMPLOYEES Shut in 7 days

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD

| FROM—        | TO—          | TOTAL FEET   | FORMATION                    |
|--------------|--------------|--------------|------------------------------|
| <u>0'</u>    | <u>2390'</u> | <u>2390'</u> | <u>Surface</u>               |
| <u>2390'</u> | <u>2588'</u> | <u>198'</u>  | <u>Ojo Alamo</u>             |
| <u>2588'</u> | <u>3086'</u> | <u>498'</u>  | <u>Kirtland</u>              |
| <u>3086'</u> | <u>3380'</u> | <u>294'</u>  | <u>Fruitland</u>             |
| <u>3380'</u> | <u>3524'</u> | <u>144'</u>  | <u>Pictured Cliffs</u>       |
| <u>3524'</u> | <u>5097'</u> | <u>1573'</u> | <u>Lewis</u>                 |
| <u>5097'</u> | <u>5184'</u> | <u>87'</u>   | <u>Cliff House</u>           |
| <u>5184'</u> | <u>5561'</u> | <u>377'</u>  | <u>Menefee</u>               |
| <u>5561'</u> | <u>5764'</u> | <u>203'</u>  | <u>Point Lookout</u>         |
| <u>5764'</u> |              |              | <u>Total Depth</u>           |
| <u>5756'</u> |              |              | <u>Plug Back Total Depth</u> |

[OVER]

SECRET

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

YU. I. BREGOV, L. P. V. KOSOV:

The information given above is a continuation and extension of information previously furnished to you by the FBI on this subject. It was obtained from all available sources and is being furnished to you for your information.

Sincerely,  
Special Agent in Charge

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED  
DATE 01-11-2001 BY 60322 UCBAW

LOGS: Lane Wells Ocean Bay 5743' to surface, Benton 5755' to surface.

IP 1200#, AP 1400#, LP 1600#, MP 1800#, IN 15.7 bbls/min.  
 20-40 sand w/300 rubber balls. MD 1500#

5653-55, 5658-76, 5682-88, 5696-5700

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 "underbored" or left in the well, give the 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 or balling.

# HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-43084-2

| FROM | TO   | TOTAL FEET | FORMATION |
|------|------|------------|-----------|
| 1000 | 1001 | 1          | 1000      |
| 1001 | 1002 | 1          | 1001      |
| 1002 | 1003 | 1          | 1002      |
| 1003 | 1004 | 1          | 1003      |
| 1004 | 1005 | 1          | 1004      |
| 1005 | 1006 | 1          | 1005      |
| 1006 | 1007 | 1          | 1006      |
| 1007 | 1008 | 1          | 1007      |
| 1008 | 1009 | 1          | 1008      |
| 1009 | 1010 | 1          | 1009      |
| 1010 | 1011 | 1          | 1010      |
| 1011 | 1012 | 1          | 1011      |
| 1012 | 1013 | 1          | 1012      |
| 1013 | 1014 | 1          | 1013      |
| 1014 | 1015 | 1          | 1014      |
| 1015 | 1016 | 1          | 1015      |
| 1016 | 1017 | 1          | 1016      |
| 1017 | 1018 | 1          | 1017      |
| 1018 | 1019 | 1          | 1018      |
| 1019 | 1020 | 1          | 1019      |
| 1020 | 1021 | 1          | 1020      |
| 1021 | 1022 | 1          | 1021      |
| 1022 | 1023 | 1          | 1022      |
| 1023 | 1024 | 1          | 1023      |
| 1024 | 1025 | 1          | 1024      |
| 1025 | 1026 | 1          | 1025      |
| 1026 | 1027 | 1          | 1026      |
| 1027 | 1028 | 1          | 1027      |
| 1028 | 1029 | 1          | 1028      |
| 1029 | 1030 | 1          | 1029      |
| 1030 | 1031 | 1          | 1030      |
| 1031 | 1032 | 1          | 1031      |
| 1032 | 1033 | 1          | 1032      |
| 1033 | 1034 | 1          | 1033      |
| 1034 | 1035 | 1          | 1034      |
| 1035 | 1036 | 1          | 1035      |
| 1036 | 1037 | 1          | 1036      |
| 1037 | 1038 | 1          | 1037      |
| 1038 | 1039 | 1          | 1038      |
| 1039 | 1040 | 1          | 1039      |
| 1040 | 1041 | 1          | 1040      |
| 1041 | 1042 | 1          | 1041      |
| 1042 | 1043 | 1          | 1042      |
| 1043 | 1044 | 1          | 1043      |
| 1044 | 1045 | 1          | 1044      |
| 1045 | 1046 | 1          | 1045      |
| 1046 | 1047 | 1          | 1046      |
| 1047 | 1048 | 1          | 1047      |
| 1048 | 1049 | 1          | 1048      |
| 1049 | 1050 | 1          | 1049      |
| 1050 | 1051 | 1          | 1050      |
| 1051 | 1052 | 1          | 1051      |
| 1052 | 1053 | 1          | 1052      |
| 1053 | 1054 | 1          | 1053      |
| 1054 | 1055 | 1          | 1054      |
| 1055 | 1056 | 1          | 1055      |
| 1056 | 1057 | 1          | 1056      |
| 1057 | 1058 | 1          | 1057      |
| 1058 | 1059 | 1          | 1058      |
| 1059 | 1060 | 1          | 1059      |
| 1060 | 1061 | 1          | 1060      |
| 1061 | 1062 | 1          | 1061      |
| 1062 | 1063 | 1          | 1062      |
| 1063 | 1064 | 1          | 1063      |
| 1064 | 1065 | 1          | 1064      |
| 1065 | 1066 | 1          | 1065      |
| 1066 | 1067 | 1          | 1066      |
| 1067 | 1068 | 1          | 1067      |
| 1068 | 1069 | 1          | 1068      |
| 1069 | 1070 | 1          | 1069      |
| 1070 | 1071 | 1          | 1070      |
| 1071 | 1072 | 1          | 1071      |
| 1072 | 1073 | 1          | 1072      |
| 1073 | 1074 | 1          | 1073      |
| 1074 | 1075 | 1          | 1074      |
| 1075 | 1076 | 1          | 1075      |
| 1076 | 1077 | 1          | 1076      |
| 1077 | 1078 | 1          | 1077      |
| 1078 | 1079 | 1          | 1078      |
| 1079 | 1080 | 1          | 1079      |
| 1080 | 1081 | 1          | 1080      |
| 1081 | 1082 | 1          | 1081      |
| 1082 | 1083 | 1          | 1082      |
| 1083 | 1084 | 1          | 1083      |
| 1084 | 1085 | 1          | 1084      |
| 1085 | 1086 | 1          | 1085      |
| 1086 | 1087 | 1          | 1086      |
| 1087 | 1088 | 1          | 1087      |
| 1088 | 1089 | 1          | 1088      |
| 1089 | 1090 | 1          | 1089      |
| 1090 | 1091 | 1          | 1090      |
| 1091 | 1092 | 1          | 1091      |

3.107