

5 - USGS
1 - L.O. Tracy
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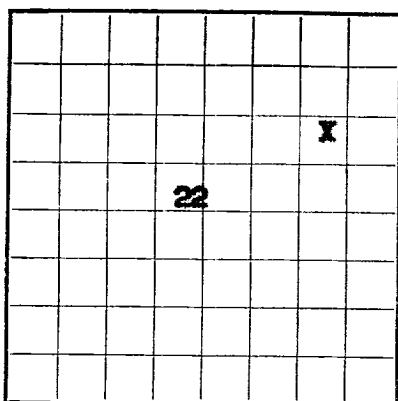
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE **Santa Fe**

SERIAL NUMBER **SP 078766**

LEASE OR PERMIT TO PROSPECT
Rosa #14-08-001-97



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **PACIFIC NORTHWEST PIPELINE CORP** Address **405 1/2 W. Broadway, Farmington, N.M.**
Lessor or Tract **Rosa Unit 31-6** Field **Blanco Mesa Verde** State **New Mexico**
Well No. **18-22** Sec. **22** T. **31N** R. **6W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1470** ft. [N.] of Sec. Line and **800** ft. [E.] of Sec. Line of **22** Elevation **6249.5**

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

Date **January 14th, 1957**

Title **Assistant Division Manager**

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

Commenced drilling **10-10-**, 19 **56** Finished drilling **11-9**, 19 **56**

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

No. 1, from **5272** to **5678 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 _____ 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	From	To	Purpose
9-5/8	32.30	8 R2	CPAI	190.94	Twiss Pattern					
7"	20	8 R2	CPAI	150.46	Twiss Pattern					
5"	11.5	8 R2	CPAI	150.46	Twiss Pattern					
2"	4.7	8 R2	CPAI	150.46	Twiss Pattern					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	283.79	175 sx Reg.	Pump Plug		
7"	3575	150 sx 8 1/2 150 sx Neat Pump Plug			
5"	5677	150 sx Reg.			

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 **0** feet to **5766** 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, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **2286**

SICP & SITE EMPLOYEES (Start in days: **CACF 2286**)

11724, Driller

7

2783

J. M. Newman, Drilling Engineer, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2310	2310	Surface
2310	2411	101	Ojo Alamo - Sand
2411	2908	497	Kirtland - Shale w/ some sand
2908	3082	174	Fruitland - Interbedded shale, sand and coal
3082	3475	393	Pictured Cliffs - Sand
3475	5210	1735	Lewis - Shale
5210	5307	97	Cliff House - Sand
5307	5544	237	Manatee - Interbedded Sand, shale & coal
5544			Point Lockout
5766			Total Depth
5755			Final Back Total Depth

FROM

TO

LOST FEET

(OVER)

FORMATION

16-43094-4

FORMATION RECORD—CONTINUED

U.S. LAND OFFICE
SERIAL NUMBER
PLEASE OR PRINT TO PROCEED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TOC OF OIL OF GAS WELLS

YIT36500 100 31 202

[illegible]

Date _____
The company on this page is for the condition of the well as above date.

OIL OR GAS SANDS OR ZONES

(b) (5) - DPP

No. 1 from	to	No. 1 from	to
No. 2 from	to	No. 3 from	to

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the following, to the best of your knowledge and belief:

1. The reasons for the work and its results. If there were any changes made in the casing, state fully and in any case, the date, position and depth of the change.
2. The date, position and depth of the well.
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of shots. If plugs or bridges were put in to test the well, state the material used, position, and results of pumping or running in the well.

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HISTORY OF OIL OR GAS WELL

7-36084-01

U.S. GOVERNMENT PRINTING OFFICE

NUDDING AND CEMENTING RECORD

Item Number	Item Name	Quantity	Unit	Price	Total
1	1000	1	1000	1000	1000
2	2000	2	2000	2000	2000
3	3000	3	3000	3000	3000
4	4000	4	4000	4000	4000
5	5000	5	5000	5000	5000
6	6000	6	6000	6000	6000
7	7000	7	7000	7000	7000
8	8000	8	8000	8000	8000
9	9000	9	9000	9000	9000
10	10000	10	10000	10000	10000

SECRET CIA 25000

[illegible]

SHOOTING RECORD

[illegible]

JOHN BOOTH

[illegible]

ETA

[illegible]

8. 10. 1944	-----
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1. Name of the person or organization to whom the information is being furnished 2. Address of the person or organization to whom the information is being furnished 3. City and State of the person or organization to whom the information is being furnished 4. Date of the information being furnished 5. Name of the person or organization providing the information 6. Address of the person or organization providing the information 7. City and State of the person or organization providing the information 8. Date of the information being provided 9. Name of the person or organization receiving the information 10. Address of the person or organization receiving the information 11. City and State of the person or organization receiving the information 12. Date of the information being received	13. Name of the person or organization providing the information 14. Address of the person or organization providing the information 15. City and State of the person or organization providing the information 16. Date of the information being provided 17. Name of the person or organization receiving the information 18. Address of the person or organization receiving the information 19. City and State of the person or organization receiving the information 20. Date of the information being received	21. Name of the person or organization providing the information 22. Address of the person or organization providing the information 23. City and State of the person or organization providing the information 24. Date of the information being provided 25. Name of the person or organization receiving the information 26. Address of the person or organization receiving the information 27. City and State of the person or organization receiving the information 28. Date of the information being received	29. Name of the person or organization providing the information 30. Address of the person or organization providing the information 31. City and State of the person or organization providing the information 32. Date of the information being provided 33. Name of the person or organization receiving the information 34. Address of the person or organization receiving the information 35. City and State of the person or organization receiving the information 36. Date of the information being received
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INFORMATION RECORD

[illegible]

FORMATION RECORD—Continued

FROM—

TOTAL FEET

FORMATION

1000