

5 - USGS

1 - L. G. Truby

1 - File
Form 9-330

Budget Bureau No. 42-B355.4.
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U. S. LAND OFFICE **Santa Fe**

SERIAL NUMBER **SP-078771**

LEASE OR PERMIT TO PROSPECT
14-03-001-587

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **PACIFIC NORTHWEST PIPELINE CORPORATION** ss **405 1/2 W. Broadway, Farmington, N.M.**
Lessor or Tract **Rosa 31-6** Field **Blanco Mesa Verde** State **New Mexico**
Well No. **21-23** Sec. **23** T. **31 R. 6W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **790'** ft. **[N.]** of **g** Line and **1030'** **[E.]** of **w** Line of **Section 23** Elevation **6244'**
(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 I. A. Dugan**

Date **May 27, 1957**

Title **Assistant Division Manager**

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

Commenced drilling **January 25,** 19 **57** Finished drilling **February 24,** 19 **57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **0-5250'** to **5682'** 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—	
10-3/4	32.75	8 rd.	CP&I	175.25'	Baker				
7-5/8	26.4	8 rd.	Republic	3558'	Baker				
5-1/2	14	8 rd.	CP&I	2267.36'	Float				
2-3/8	4.7	8 rd.		5635.33'	(Tubing)				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	175.25'	175	Pump Plug		
7-5/8	3570'	200	Pump Plug		
5-1/2	5725'	200	Pump Plug		

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 **5725'** feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing _____, 19 _____
April 16, 19 **57**
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. **2945**

Tubing 8 1/2" Casing 1165 CAOP 3,585

EMPLOYEES

Shut in 13 days

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	2306'	2306'	Surface
2306'	2402'	96'	Ojo Alamo
2402'	2875'	473'	Kirtland
2875'	3066'	191'	Fruitland
3066'	3512'	446'	Pictured Cliffs
3512'	5200'	1688'	Lewis
5200'	5298'	98'	Cliff House
5298'	5516'	218'	Manefee
5516'	TD		Point Lookout
5723'			Total Depth
5706'			Plug Back Total Depth

[OVER]

16-43004-4

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Part 5290-54, 5290-72, 5292-86, 5292-94, 5292-30, 5374-88, 5438-50, 5480-88
 5518-30, 5546-72, 5577-82, 5584-5604, 5608-12, 5618-20, 5628-40, 5638-42,
 5644-54, 5670-82.
 DIST. 3
 OIL COR. CO. INC.
 Grand W. 136,000 gals water. 11 2600', 11 1850', 11 1500', 11 1300', 11 3050',
 standing 400' to min., 11 1400' before water 54 pps/min, and 11 1400'
 55.1 pps/min. Dropped 360 pps/min.
 70.8 from 11 1400' to 11 1300'.
 Log: Lane Wells Gamma Ray, 425' to 564', neutron, 425' to 564', multiple
 spaced neutron, 2862' to 3550', and 4900' to 5706'.
 70.4 from 11 1400' to 11 1300'.
 Max deviation 3 1/4" @ 2685', and 4071'. (Lanes gas 98%)
 OIL OR GAS SANDS OR ZONES

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

NUDDING AND CEMENTING RECORD

FORMATION RECORD—Continued