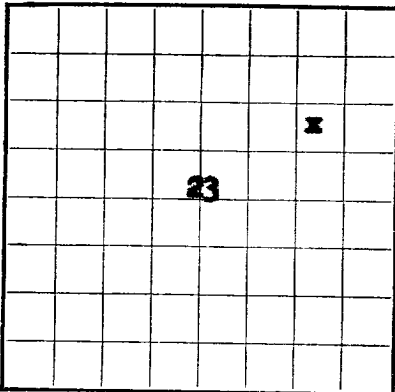


3 - UGGS  
2 - MIOCC  
1 - L. G. Tracy  
1 - File

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

U. S. LAND OFFICE Santa FeSERIAL NUMBER 87-078284LEASE OR PERMIT TO PROSPECT  
#14-08-001-439

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company PACIFIC NORTHWEST PIPELINE CORP. Address Box 1526, Salt Lake City, Utah  
Lessor or Tract San Juan Unit 29-6 Field Blanco Mesa Verde State New Mexico  
Well No. 40-23 Sec. 23 T. 29N R. 6W Meridian N.M.P.M. County Rio Arriba  
Location 1650 ft. N of 1 Line and 890 ft. W of 1 Line of Section 23 Elevation 6721.6  
(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 \_\_\_\_\_

Date February 20, 1957

T. A. Dugan

Title Assistant Division Manager

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

Commenced drilling January 11, 1957 Finished drilling January 26, 1957

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 0 5432' to 5950' 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 0 5432' to 5950' No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Casing shoe	Cut and pulled from	Perforated		Purpose
							From	To	
10-3/4	38.75	8	API	100					
7-5/8	28.75	8	API	100					
5-1/2	25.75	8	API	100					
2-3/8	11.7	8	API	100					

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	201	175	Pump Plug		
7-5/8	3849.31	200	Pump Plug		
5-1/2	6040	150	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 0' feet to 6040' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing \_\_\_\_\_, 19\_\_\_\_  
January 30, 57  
The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_

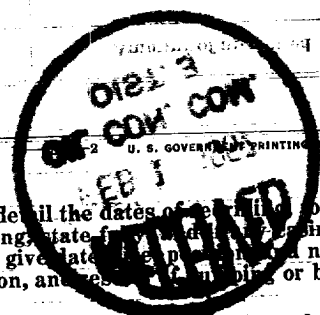
If gas well, cu. ft. per 24 hours 4.622 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

# FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1-28-57	5826-34	5838-42	5848-66, 5868-75, 5878-88, 5890-5906, 5910-14,
5916-24, 5932-36, 5946-50	Frac w/3600 hp, 80,000 gal water only 2 shots/ft.		
BD 1050#, IP 1050#, avg 1350#, max 1600#, IP 1500# standing vac. 11 82/min.			
Used 165 rubber balls. Frac thru 400 ft.			
1-28-57	5680-88, 5622-28, 5578-84, 5556-60, 5512-28, 5492-5504, 5476-88,		
5446-48, 5432-30	Frac w/3300 hp, 76,500 gal water only 2 shots/ft. IP 1400#,		
avg 1500#, max 2500#, standing vac. 11 75/min. Used 200 rubber balls.			

## HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of each treatment together with the reasons for the work and its results. If there were any changes made in the casing, state the date, the reason, and the number of shots. If the well has been dynamited, give the date, the reason, and the number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and reason for plugging or bailing.



FORM NO. 1