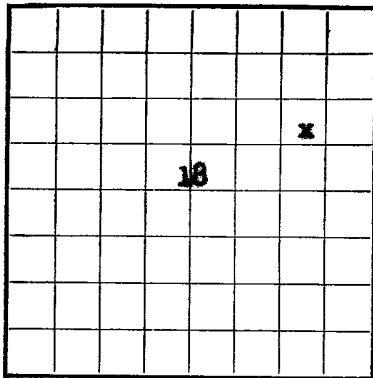


3 - USGS
2 - NMOC
1 - Southern Union
1 - State Land Office
1 - L. G. Truby
1 - File

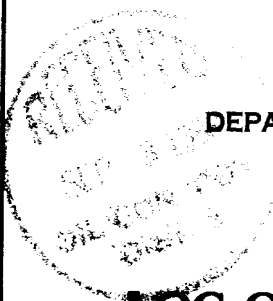
Budget Bureau No. 42-E355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **87-078426**

LEASE 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 **418 1/2 W. Bdv., Farmington, N.M.**
Lessor or Tract **San Juan 29-6 Unit** Field **Blanco Mesa Verde** State **New Mexico**
Well No. **60-18** Sec. **18** T. **29N** R. **6W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1200** ft. **N** of **N** Line and **810** ft. **E** of **E** Line of **Section 18** Elevation **6341**
(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. Peppin**

Date **September 2nd, 1958**

Title **Dist. Production Engineer**

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

Commenced drilling **June 19th**, 19**58** Finished drilling **June 29th**, 19**58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **6 1/2' to 8 1/2'** to **8 1/2' to 10 1/2'** No. 2, from **10 1/2' to 12 1/2'** to **12 1/2' to 14 1/2'**
No. 3, from **14 1/2' to 16 1/2'** to **16 1/2' to 18 1/2'** No. 4, from **18 1/2' to 20 1/2'** to **20 1/2' to 22 1/2'**
No. 5, from **22 1/2' to 24 1/2'** to **24 1/2' to 26 1/2'**
No. 6, from **26 1/2' to 28 1/2'** to **28 1/2' to 30 1/2'**

IMPORTANT WATER SANDS

No. 1, from **None** to **None** No. 2, from **None** to **None**
No. 3, from **None** to **None** No. 4, from **None** to **None**
No. 5, from **None** to **None** No. 6, from **None** to **None**

CASING RECORD

Size casing	Weight per foot	Length	Thread	Mark	Amount	Kind of steel	Casing pulled from	Perforated		Purpose
								From	To	
10-3/4	32.75	84	Reg.	180-98	Reg.	Pat.				
7-5/8	26.00	100	Reg.	180-98	Reg.	Pat.				
5-1/2	21.00	100	Reg.	180-98	Reg.	Pat.				
1-1/4	2.3	100	Reg.	180-98	Reg.	Pat.				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	192.98	200	Pump Plug		
7-5/8	3410.00	200	Pump Plug		
5-1/2	5575.00	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 **0'** feet to **9575'** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

June 30th, 19**58** 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 **3,794,000** Gallons gasoline per 1,000 cu. ft. of gas _____

FOLD MARK

