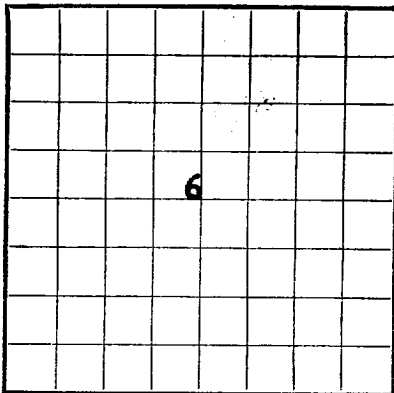


3 - USGS
2 - MDOC
1 - State Land Office
Form 9-330 1 - L. O. Truby

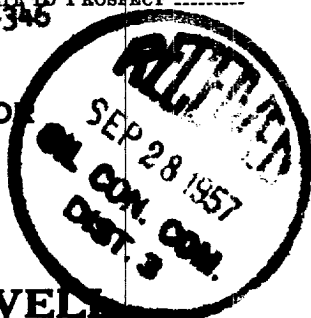
Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **57-080066**
LEASE OR PERMIT TO PROSPECT
14-08-001-346



1 - File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **PACIFIC NORTHWEST PIPELINE CORP.** Address **405 1/2 W. Bdry, Farmington, N. Mexico**
Lessor or Tract **San Juan 30-5** Field **Blanco Mesa Verde** State **New Mexico**
Well No. **17-6** Sec. **6** T. **30N** R. **5W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1650** ft. **[N.]** of **N** Line and **990** ft. **[E.]** of **E** Line of **Section 6** Elevation **6438'**
(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 G. H. Peppin**

Date **September 25th, 1957** Title **District Proration Engineer**

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

Commenced drilling **June 21st,** 19 **57** Finished drilling **July 1st,** 19 **57**

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

No. 1, from **0** **5380** to **5854** No. 4, from _____ to _____
No. 2, from **5380** to **5854** No. 5, from _____ to _____
No. 3, from **5854** to **5854** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **5380** to **5854** No. 3, from **5854** to **5854**
No. 2, from **5854** to **5854** No. 4, from **5854** to **5854**

CASING RECORD

Size casing	Weight per foot	Threads per foot	Make	Amount	Kind of pipe	Set and pulled from	Perforated	Purpose
10-3/4	32.75	8rd.	CPGI	222.71'	Guide			
7-5/8	24.10	8rd.	CPGI	114.00'	Flow Line			
5-1/2	16.3	10rd.	CPGI	983.61'	Flow Line			
1-1/4	2.3	10rd.	CPGI	983.61'	Flow Line			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	234.01'	210	Pump Plug		
7-5/8	3640'	200	Pump Plug		
5-1/2	5880'	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 **5880+** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 24th, 19 **57** 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 **6,143.000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1062#, 1147#, 8,409**
EMPLOYEES **Shut in 13 days**

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	2485'	2485'	Surface
2485'	2615'	130'	Ojo Alamo
2615'	3060'	445'	Kirtland
3060'	3206'	146'	Fruitland
3206'	3577'	371'	Pictured Cliffs
3577'	5358'	1781'	Lewis
5358'	5406'	48'	Cliff House
5406'	5640'	234'	Menefee
5640'	TD	240'	Point Lookout
5880'			Total Depth
5873'			Plug Back Total Depth

FORMATION RECORD—Continued