

4- U.S.G.S.
1- W.R. Johnston
2- El Paso Natural Gas
1- file

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

U. S. LAND OFFICE - New Mexico

SERIAL NUMBER 012709

LEASE OR PERMIT TO PROSPECT

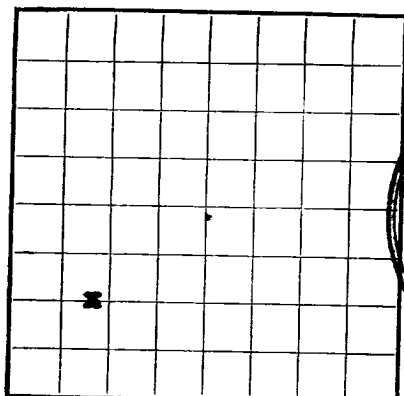
San Juan 30-6 Unit

UNITED STATES # 14-08-001-518

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
SEP 19 1955
OIL CON. COM.
DIST. 3

RECEIVED
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **PACIFIC NORTHWEST PIPELINE CORP** Address **413-1/2 West Main, Farmington, N.M.**
Lessor or Tract **San Juan 30-6** Field **Manco** State **New Mexico**
Well No. **8-31** Sec. **31** T. **30N** R. **7W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1750 ft. [N.] of [] Line and 890 ft. [E.] of [] Line of [] Sec. 31** Elevation **4002.3**
(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.

Date **August 25, 1955** Signed **J. H. Rogers** Title **District Engineer**

The summary on this page is for the condition of the well at above date.
Commenced drilling **July 1, 1955** Finished drilling **July 26, 1955**

OIL OR GAS SANDS OR ZONES
No. 1, from **2846** to **2819** No. 4, from **2819** to **2819**
No. 2, from **4580** to **5237** No. 5, from **5237** to **5237**
No. 3, from **5237** to **5237** No. 6, from **5237** to **5237**
IMPORTANT WATER SANDS
No. 1, from **2819** to **2819** No. 3, from **2819** to **2819**
No. 2, from **2819** to **2819** No. 4, from **2819** to **2819**

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From—	To—	Purpose
10-3/4	276.62	8	Long Star	2900.48	Long Star				
7-5/8	2917.00	8	Long Star	2900.48	Long Star				
5-1/2	5030.00	8	Long Star	2900.48	Long Star				
4	14.00	8	Long Star	2900.48	Long Star				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	276.62	173 sz 45 gal	Halliburton		
7-5/8	2917.00	125 sz 45 gal	Halliburton		
5-1/2	5030.00	100 sz 25 gal	Halliburton		
4		250 sz reg.	Halliburton		

*Cement annulus between 10-3/4 and 7-5/8

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
NONE						

TOOLS USED

Rotary tools were used from **0** feet to **5237** 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____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, _____ per 24 hours **15,285** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **317-1087** **3107-1087** tested after 7 days shut in period

EMPLOYEES

Jim Newman _____, Driller **Willie Brown** _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1743	1743	Sand
1743	1915	172	Sand, Ojo Alamo
1915	2536	621	Shale with some sand, Kirtland
2536	2792	256	Interbedded shale, coals and sands, Fruitland
2792	2905	113	Sand, Pictured Cliffs,
2905	4572	1667	Shale, Lewis
4572	4680	108	Sand, Cliff House
4680	5024	344	Sands, shales, and coals, Menefee
5024	5237	213	Sand, Point Lookout
5237	Total Depth	0	Shale, Manco

