

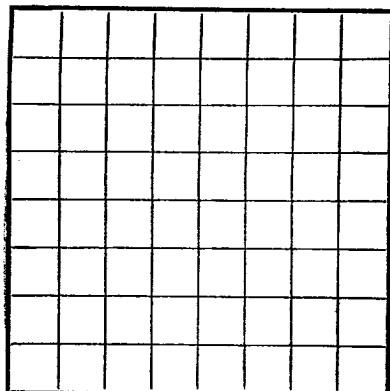
3- U.S.G.S.
1- U.S. Johnston
2- EL PASO NAT. GAS
2- A.P. Gandy
1- FILE

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

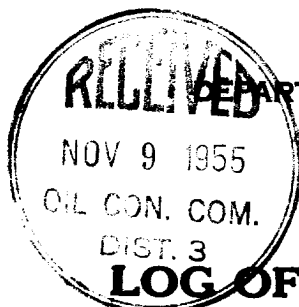
U. S. LAND OFFICE **New Mexico**

SERIAL NUMBER **012709**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

NOV 9 1955
GEOLOGICAL SURVEY
NEW MEXICO

LOG OF OIL OR GAS WELL

Company **PACIFIC NORTHWEST PIPELINE CORP.** Address **113-1/2 West Main Street**

Lessor or Tract **30-6** Field **Manco** State **New Mexico**

Well No. **10-31** Sec **31** T. **30N** R. **6W** Meridian **N.M.P.M.** County **Mc Aris**

Location **990** ft. **S.** of **000** Line and **1400** ft. **W.** of **000** Line of **Sec. 31** Elevation **6027.1** (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 **J. A. Huggan**

Date **September 13, 1955** Title **District Engineer**

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

Commenced drilling **7-29-55**, 19 Finished drilling **8-23-55**, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2004** to **5306** No. 4, from **113-1/2 West Main Street** to **113-1/2 West Main Street**

No. 2, from **2004** to **2155** No. 5, from **2155** to **2784** No. 6, from **2784** to **3050**

No. 3, from **2004** to **2155** No. 7, from **2155** to **2784** No. 8, from **2784** to **3050**

No. 1, from **2004** to **2155** No. 2, from **2155** to **2784** No. 3, from **2784** to **3050**

No. 2, from **2004** to **2155** No. 3, from **2155** to **2784** No. 4, from **2784** to **3050**

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									
8-1/2									
7-5/8									
5-1/2									
5-1/2									
5-1/2									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	235.72	200 sacks of 45 gal	Haliburton		
7-5/8	3175.00	125 sacks of 45 gal	"		
5-1/2	5272.69	100 sacks of 25 gal	"		

PLUGS AND ADAPTERS

Heaving plug—Material **None** 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 **5273** feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

8-23-55, 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 **Yes** ft. per 24 hours **14,500** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **5100-9994** **5100-9994**

EMPLOYEES

J. M. Norman Drilling Foreman, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2004	2004	Surface
2004	2155	151	Sand - Ojo Alamo
2155	2784	649	Shale w/ some sand - Kirtland
2784	3050	266	Bedded shales coals & sand - Fruitland
3050	3152	102	Sand - Pictured Cliffs
3152	4827	1675	Shale - Lewis
4827	4924	97	Sand - Cliff House
4924	5263	339	Sand, Shales & Coals - Manco
5263		0	Sand - Point Lockart
5263	5336	275	Total Depth

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES

PLEASE OR PERMIT TO PROSPECT
SERIAL NUMBER 013709
U. S. LAND OFFICE
New Mexico

1- Ellis
2- D.F. Grumpy
3- MI PARO NAT. GAR
4- W.R. Johnston

2001 4 20
MOG 11 11 11
8 11 11

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JAN 10 1964

[illegible]

Commenced drilling 7-22-52, 19 _____ Finished drilling 8-22-52, 19 _____
The summary on this page is for the condition of the well at above date.
Date 8-22-52, 1952 _____ Title _____ District Engineer _____

OIL OR GAS SANDS OR ZONES

(Devote gas by G)

[illegible]

CASING RECORD

[illegible]

11. MIDDING AND CEMENTING RECORD

Slip cash	Where set	Number sacks of cement	Method used	Mud gravity	Amount of sand used
525.00	100 m. E.	100 m. E.	"		
515.00	150 m. E.	150 m. E.	"		
535.75	500 m. E.	500 m. E.	"		

2022年12月31日 星期五

Adapters—Material	Size	Length	Depth see
Heavy plug—Material	None		

PLUGS AND ADAPTERS

100-443887-100

SHOOTING RECORD					
Size	Spill used	Explosive used	Quantity	Date	Depth shot
					Depth cleaned out

TOOLS USED

DATES		Cable tools were used from		Rotary tools were used from	
feet to	feet and from	feet to	feet and from	feet to	feet and from
feet	feet	feet	feet	feet	feet

DATE

It gas well _____ lb. per 24 hours	_____ lb.
_____ % water; and _____ % sediment.	_____ %
_____ Gravity, °Be.	_____ %
Gallons gasoline per 1,000 cu. ft. of gas	_____ %
_____ % was oil; _____ % put to producing	_____ %

EMPLOYEES

Driller	Drilling Forward	Driller
Driller		Driller

INFORMATION RECORD

FORMATION	TOTAL FEET	TO-	FROM-
Surface	3004	3004	0
Sand - Ojo Alamo	151	3155	3004
Shale w/ some sand - Kirtland	669	3784	3155
Impured shale, coals & sand - Kirtland	266	3950	3784
Sand - colored Cliffs	102	3752	3950
Shale - lvs	1675	4827	3752
Sand - Cliff House	97	4924	4827
Sand, Shale & Coals - Mesquite	332	5256	4924
Sand, - Flint Lookout	0		5256
Total Depth	5752	5256	5256