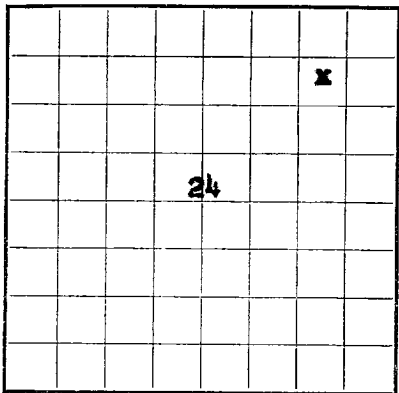
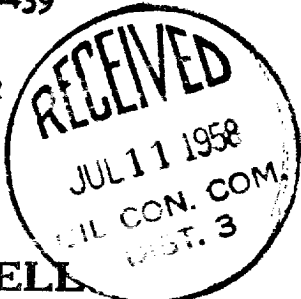


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF-078284
LEASE OR PERMIT TO PROSPECT _____
14-08-001-439



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. Bdwy., Farmington, N.M.
Lessor or Tract San Juan 29-6 Unit Field Blanco Mesa Verde State New Mexico
Well No. 41-24 Sec. 24 T. 29N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. X of N Line and 990 ft. X of E Line of Section 24 Elevation 6729'
(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 July 8th, 1958 Title District Proration Engineer

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

Commenced drilling May 18th,, 19 58 Finished drilling May 26th,, 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from G 5458' to G 5956' 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 None to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

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	32.75	8rd	LoneStar	197.15	Tex. Pat.				
7-5/8	26.40	8rd	Rep.	3813.00	Guide & float collar				
5-1/2	15.50	8rd	CP&I	489.84	Float & float collar w/liner hanger				
5-1/2	14.	8rd	CP&I	1873.29					
1-1/4	2.3	10rd	Youngstown	5935.87					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	209.15	200	Pump Plug		
7-5/8	3825.00	200	Pump Plug		
5-1/2	6020.00	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 6022' feet, and from _____ feet to _____ feet

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

DATES

May 28th,, 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 2,046,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1102#, csg. 1101# CAOF 8,271 MCF/D

EMPLOYEES

Shut in 10 days

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	2858'	2858'	Surface
2858'	2992'	136'	Ojo Alamo
2992'	3379'	387'	Kirtland
3379'	3642'	265'	Fruitland
3642'	3745'	103'	Pictured Cliffs
3745'	5458'	1713'	Lewis
5458'	5552'	96'	Cliff House
5552'	5831'	279'	Manefee
5831'	6022'	191'	Point Lookout
6022'			Total Depth

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Perf w/2 naps per foot, 5458-64, 5486-92, 5504-30, 5532-36, 5540-46, 5548-52, 5708-14, 5812-20, 5836-80, 5884-88, 5892-5918, 5936-40, 5950-56.

Trac w/146,000 gallons of water. BD 1100#, IR 1050#, AP 1150#, MP 1250#, standing vac. IR 53.3 bbls/min. Dropped 750 rubber balls.

Logs: Lane Wells Gamma Ray from 10' to 6009' and Neutron from 10' to 6021'.

Core: None