

3 - USGS
3 - El Paso Natural Gas Company
2 - NMCC
1 - State Land Office
1 - L. G. Truby
1 - ~~File~~

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER SF-079193

LEASE OR PERMIT TO PROSPECT

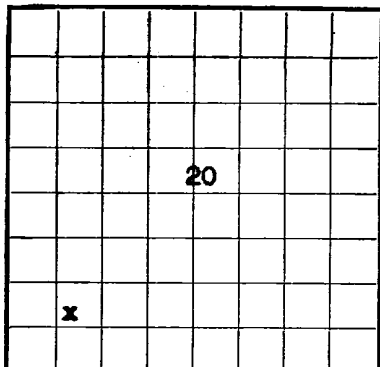
14-08-001-1051

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Form 9-330



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company PACIFIC NORTHWEST PIPELINE CORP. Address 418 1/2 W. Bdw., Farmington, N.M.

Lessor or Tract San Juan 28-6 Unit Field Blanco Mesa Verde State New Mexico

Well No. 87-20 Sec. 20 T. 28N R. 6W Meridian N.M.P.M. County Rio Arriba

Location 800 ft. N. of S Line and 800 ft. E. of W Line of Section 20 Elevation 6528'
(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.

Original Signed by: George H. Peppin

Date May 19th, 1958 Title Dist. Proration Engineer

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

Commenced drilling March 11, 1958 Finished drilling March 10th, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from G 4962' to G 5622' 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 foot	Make	Amount	Kind of steel	Set and pulled from	Perforated from	To	Purpose
10-3/4	32.75	8rd	C.F.&I.	180.65	Tex. Pat.				
7-5/8	26.45	8rd	C.F.&I.	180.65	Guide & liner collar				
5-1/2	15.40	8rd	C.F.&I.	2276.71	Float w/liner hanger @ 3400.39'				
1-1/4	2.3	10rd	Youngstown	1608	1 1/2" TUBING METT				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	195.25'	200	Pump Plug		
7-5/8	3507.85'	200	Pump Plug		
5-1/2	5677.10'	125	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 5677' feet, and from _____ feet to _____ feet

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

DATES

March 18th, 1958 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 5,258.000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. Tbg. 1097# Csg. 1103# CAOF 6,141 MCF/D

EMPLOYEES

Shut in 9 days

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	2420'	2420'	Surface
2420'	2583'	163'	Ojo Alamo
2583'	3102'	519'	Kirtland
3102'	3295'	193'	Fruitland
3295'	3418'	123'	Pictured Cliffs
3418'	4952'	1534'	Lewis
4952'	5068'	116'	Cliff House
5068'	5472'	404'	Menefee
5472'	5677'	205'	Point Lookout
5677'			Total Depth
5638'			Plug Back Total Depth

[OVER]

16-43094-4

FORMATION RECORD—Continued

