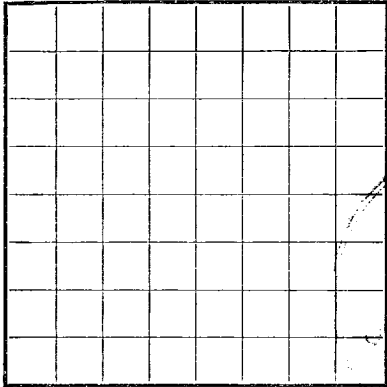




LOCATE WELL CORRECTLY

4 - U. S. S.
1 - W. R. Johnston
2 - Gunby
1 - File

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 03402
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company PACIFIC NORTH WEST PIPELINE CORP. Address 4131 E. Main, Farmington, New Mexico
Lessor or Tract Unit 32-8 Field Blanco State New Mexico
Well No. 7-22 Sec. 22 T. 31N R. 8E Meridian N.M.P.M. County San Juan
Location 990 ft. N. of S. Line and 1850 ft. E. of W. Line of Sec. 22 Elevation 6348
(Derrick floor relative to ground)

The information given herewith is a complete and correct record of the well and all work done on the well so far as can be determined from all available records.

Signed J. H. Ruger
Date October 5, 1955 Title District Engineer

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

Commenced drilling 6-2, 1955 Finished drilling 6-28, 1955

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

No. 1, from 3190 to 3290-0 No. 4, from _____ to _____
No. 2, from 5142 to 5739-0 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—	
<u>10-3/4"</u>	<u>32.75</u>	<u>8 Rd</u>	<u>H-40</u>	<u>211.97</u>					
<u>10-3/4"</u>			<u>Larkin</u>	<u>1</u>	<u>T.P. Shoe</u>				
<u>7-5/8"</u>	<u>24</u>	<u>8 Rd.</u>	<u>Youngston</u>	<u>3320</u>					
<u>7-5/8"</u>			<u>Youngston</u>	<u>1</u>	<u>Box</u>	<u>00</u>			
<u>5 1/2"</u>	<u>14 1/2</u>	<u>8 Rd</u>	<u>Lone Star</u>	<u>5466.72</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4"</u>	<u>229.42</u>	<u>160</u> <u>sz.</u> <u>4%</u>	<u>Halliburton</u>		
<u>7-5/8"</u>	<u>3320</u>	<u>170</u> <u>sz.</u> <u>8%</u>	<u>Halliburton</u>		
<u>5-1/2"</u>	<u>5479</u>	<u>100</u> <u>sz.</u> <u>2% gel</u>	<u>Halliburton</u>		

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
<u>None</u>						

TOOLS USED

Rotary tools were used from 0 feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to 5739 feet, and from _____ feet to _____ feet

DATES

_____ 1955 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 HCF ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 3394

7 Days Shut In 1043 1041
_____, Driller _____, Driller
G. E. Allen, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>2055</u>	<u>2055</u>	<u>Surface</u>
<u>2055</u>	<u>2162</u>	<u>107</u>	<u>Sand - Ojo Alamo</u>
<u>2162</u>	<u>2938</u>	<u>776</u>	<u>Shale w/some sand - Kirtland</u>
<u>2938</u>	<u>3234</u>	<u>296</u>	<u>Interbedded shales, coals & sand-Fruitland</u>
<u>3234</u>	<u>3330</u>	<u>96</u>	<u>Sand - Pictured Cliffs</u>
<u>3330</u>	<u>5142</u>	<u>1812</u>	<u>Shale - Lewis</u>
<u>5142</u>	<u>5195</u>	<u>53</u>	<u>Sand - Cliff House</u>
<u>5195</u>	<u>5512</u>	<u>317</u>	<u>Sands, Shales, & Coals - Menefee</u>
<u>5512</u>	<u>5739</u>	<u>227</u>	<u>Sand - Point Lookout</u>
<u>5739</u>			<u>Total Depth</u>

FORMATION

HISTORY OF OIL OR GAS WELL

...in pipes or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.