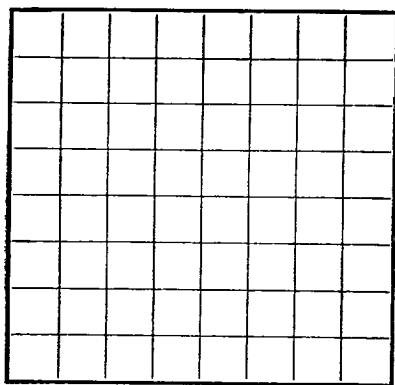


A - U.S.G.S.
1 - W.R. Johnston
1 - File
2 - D.F. GunbyU. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078996
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company PACIFIC NORTHWEST PIPELINE CORP. Address 413 1/2 West Main St., Farmington, New MexLessor or Tract Unit 32-7 Field Blanco State New MexicoWell No. 8-17 Sec. 17 T. 31N R. 7W Meridian N.M.P.M. County San JuanLocation 1760 ft. N. of S Line and 1060 ft. E. of W Line of Sec. Line Elevation 6443
(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 [Signature]Date October 7, 1955 Title District Engineer

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

Commenced drilling 8-13, 19 55 Finished drilling 9-18, 19 55

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2930 to 3084.8 No. 4, from _____ to _____No. 2, from 5360 to 5468.8 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	8 HD	Long Star	235.65					
10-3/4"			Long Star	1	Casing				
7-5/8"	26.4	8 HD	National	3588.33					
7-5/8"			Long Star	1	Guide				
5 1/2"	14.8	8 HD	C P & P	5823.37	CHP OF CVP				
5 1/2"			Baker	1	Flow				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	239.95	150 sx. 44	Halliburton		
7-5/8"	3559	150 sx. 84	Halliburton		
5 1/2"	5310	125 sx. 24	Halliburton		

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 _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 5810 feet, and from _____ feet to _____ feet

DATES

_____ 8-17 9-18, 19 55 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 2,576

S.I.T.P. 1093 S.I.C.P. 1093

_____, Driller _____, Driller

Guy Milham, Drlg. Foreman, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2220	2220	Surface
2220	2337	117	Sand, Cjo Alamo
2337	2930	593	Shale w/some sand - Kirtland
2930	3167	237	Interbedded shales, coals & sand - Fruitland
3167	3468	301	Sand - Pictured Cliffs
3468	5305	1837	Shale - Lewis
5305	5360	55	Sand - Cliff House
5360	5627	267	Sands, Shales & Coals - Menafee
5627			Sands - Point Lookout
5627	5810	183	Total Depth.

REF ID: A61201

X-ITERATION AND STATIONARY STATE

gurgis

11-12-77

Total depth 5870'. Perforated from 5662 to 5762 when flow was 4,000 gals.

Drill stem tests 2950 - 3000 meters show 3/4" top choke. In tool open 2 hours, flow 30 mfm. Good flow immediately gas to surface in 4 min.

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 the results. If there were any changes made in the casing, state fully, and if any casing was

U. S. GOVERNMENT PRINTING OFFICE 16-43094-2

FROM-	TO-	TOTAL FEET	FORMATION
			SHOOTING RECORD TOOLS USED DETAILS EMPLOYEES EXPLANATION RECORD