Form 9-330

4 - USGS
1 - W.R. Johnston
2 - J. D'Alisera
1 - File

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

U. S. Land Office Santa Fe
Serial Number SF 078472
Lease or Permit to Prospect #14-08-001-441

RECEIVED
OCT 3 1956
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 23 1956
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

							x
			28				

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Pacific Northwest Pipeline Corp. Address 405½ W. Broadway, Farmington, N.M.

Lessor or Tract Unit 32-7 Field Blanco M.V. State New Mexico

Well No. 14-28 Sec. 28 T. 32N R. 7W Meridian NMPM County San Juan

Location 1650 ft. {N./S.} of sec Line and 990 ft. {E./W.} of sec Line of sec 28 Elevation 6669.0' Ungraded Ground

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 T. A. Dugan

Date August 11, 1956 Title District Engineer

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

Commenced drilling May 27, 1956 Finished drilling July 14, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5602 to 6025 G 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 From—	Perforated To—	Purpose
10 3/4	32.75	8rd	J&L	205.82	Guide				
7 5/8	26.4	8rd	Rep	3871.11	Guide				
5 1/2	15.5	8rd	[illegible]	6071.56	[illegible]				
2 3/8	4.7	8rd	[illegible]	[illegible]	Perf Nipple				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	205.82	175 sacks	Halliburton		
7 5/8	3886.00	200 sacks	Halliburton		
5 1/2	6071.56	200 sacks	Halliburton		

FOLD | MARK

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 6072 feet, and from ______ feet to ______ feet

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

DATES

July 15, 1956 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, MCF cu. ft. per 24 hours 2,017 Cal Abso Open Flow Gallons gasoline per 1,000 cu. ft. of gas ______

Rock pressure, lbs. per sq. in. SITP 1161# SICP 1160# Tests 8-3-56 3 hrs 3/4" Choke Shut in for 11 days

EMPLOYEES

Guy Mileham Drilling Engineer, Driller ______, Driller

______, Driller ______, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2528	2528	Surface
2528	2640	112	Ojo Alamo - Sand
2640	3147	507	Kirtland - Shale w/some sand.
3147	3552	405	Fruitland - Interbedded shale, sand, and coal.
3552	3826	274	Pictured Cliffs - Sand
3826	5602	1776	Lewis - Shale
5602	5653	51	Cliff House - Sand
5653	5884	231	Menefee - Interbedded sand, shale, and coal.
5884	6072	188	Point Lookout - Sand
6072			Total Depth

[OVER] 16—43094-3

FORMATION RECORD—Continued

16—43094-3 [OVER]

FROM—	TO—	TOTAL FEET	FORMATION

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

HISTORY OF OIL OR GAS WELL

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.

Total Depth 6072. Perf [illegible], 5966-68, 5972-80, 5984-98, 6012-16, 6018-28, w/2 shots/ft. Frac LPL w/ 41,160 gals water only. BD 1400#. Avg 1390#. Max & Final 1375#. Stdg 200# in 5 mins. Then to vacuum. IR 61.3 BPM. Perf [illegible], 5906-28 w/3 shots/ft. Set retrv BP @ 5935'. Frac UPL w/41,580 gals water only. BD 1400#. [illegible] 2675#. Stdg 300# in 5 mins. Then to vacuum. IR 58.2 BPM. Retrv BP. Perf [illegible]-12, 5730-42, 5772-78, w/2 shots/ft & from 5786-92, 5796-5804, w/3 shots/ft. & from 5808-5812, 5844-48, w/2 shots/ft. Set retrv BP @ 5870' & Frac Menefee w/44,940 gals water only. BD 1400#. Avg 1590#. Max & Final 1600#. Stdg 750# in 5 mins. IR 44.6 BPM. Flowed back [illegible] 35 mins. [illegible] BP. Perf [illegible]-12, 5616-26, 5628-38, 5642-44 w/2 shots/ft. Set BP @ 5690'. Frac CH w/[illegible],370 gals water only. BD 1500#. Avg 1425#. Max 1575#. Final 1500#. Stdg [illegible] in 5 mins. IR 49.3 BPM. Well Cleaned back [illegible] hour until BP was uncovered, [illegible] vacuum, retrv BP. Cleaned out to Total Depth.

Set 6014.37' of 2 3/8" CD tubing. Set @ 6027.94'.

Released Rig 10 on 7-13-56