

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF-079322
LEASE OR PERMIT TO PROSPECT 14-08-001-569

Form 9-330

14

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company PACIFIC NORTHWEST PIPELINE CORP. Address 405 $\frac{1}{2}$ W. Bdv., Farmington, New Mexico
Lessor or Tract San Juan 32-9 Field Blanco Mesa Verde State New Mexico
Well No. 54-14 Sec. 14 T. 32N R. 9W Meridian N.M.P.M. County San Juan
Location 1850 ft. $\left\{ \begin{array}{c} N. \\ S. \end{array} \right\}$ of S. Line and 1190 ft. $\left\{ \begin{array}{c} E. \\ W. \end{array} \right\}$ of E. Line of Section 14 Elevation 6851'
(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 _____
Date December 16th, 1957 Title District Proration Engineer

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

Commenced drilling November 5th, 1957 Finished drilling November 25th, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from G 5748' to G 6238' 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. 2, from _____ to _____

No. 3, 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.	CF&I	190'	Tex. Pat.				
7-5/8	26.40	8rd.	Rep.	4132.94'	Guide & Float Collar				
5-1/2	15.50	8rd.	CF&I	2192.96'	Float w/ Liner Hanger @			4053.22'	
2-3/8	4.7	8rd.	Rep.	6191.09'	Tubing w/perf nipple and bull plug				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	204'	200	Pump Plug		
7-5/8	4145.54'	200	Pump Plug		
5-1/2	6246.18'	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 6246' feet, and from _____ feet to _____ feet.

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

DATES

November 27th, 1957 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 2,622.33 Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ~~Tbg. 947#,~~ Csg. 1052#, CAOF 3,483 MCF/D

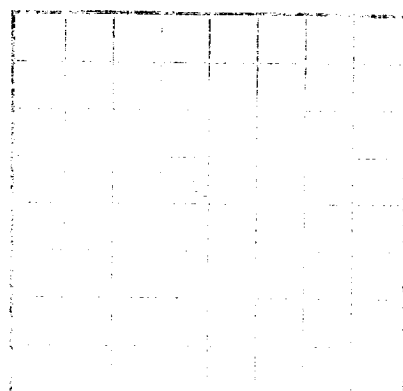
EMPLOYEES

Shut in 9 days

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	2280'	2280'	Surface
2280'	3303'	1023'	Kirtland
3303'	3697'	394'	Fruitland
3697'	3941'	244'	Pictured Cliffs
3941'	5749'	1808'	Lewis
5749'	5777'	28'	Cliff House
5777'	6049'	272'	Menefee
6049'	TD	197'	Point Lookout
6246'			Total Depth
6239'			Plug Back Total Depth



037472 030 1997

NO RETN. OF TO THIS OFFICE

1. *Phragmites australis* (Cav.) Trin. ex Steud.

NEW BAD TO GO TO GO

Journal of Management Education 30(6)p.789-804

The following table shows the results of the analysis of variance for the effect of the treatment on the yield of the different varieties of wheat. The data are given in the following table:

After w/88,000 gal water, 33,000# 20-40 sand. BD 2500#, IP 2400#, MP 3000#, w/100
 balls on km, press broke to 1800# after balls hit km. AP 1800#, RP 1600#, dropped
 to rubber balls. IR before balls 46 BPM, avg IR 50 BPM. Standing vac.

The w/37,000 gal water, 37,000# 20-40 sand. BD 2000#, IP 1400#, MP 1700#, FP 1700#, AVG IR 37.3 BPM. Dropped 100 balls. Blender broke down left 10,000# sand in csg. Jettied off. Jettied down to refrac.

6086-80, 6074-50, 5984-76, 5972-64, 5846-42, 5756-48.

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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

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