

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____

Lease No. _____

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 6, 1956

Well No. 14-31 is located 100 ft. from [N] line and 1250 ft. from [E] line of sec. 31

1/4 22/4 (1/4 Sec. and Sec. No.) 302 (Twp.) 5 (Range) 4 (Meridian)
Alamosa (Field) S. e. Arriba (County or Subdivision) New Mexico (State or Territory)

The elevation of the ~~drill hole~~ ^{ungraded ground} above sea level is 634 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled to 3471', net 3952.74' of 7" o.c. 40 4-55 casing w/ 1 1/2" guide line and float collar, 35' and cemented w/ 2 1/2" ex. 51 gel w/ 1 1/2" flow 1/4" n. 50 ex cent. P.O.C. 1915. S. 3-2-56. S.O.C. for 30 more, casing tested o.k. and drilled ahead.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

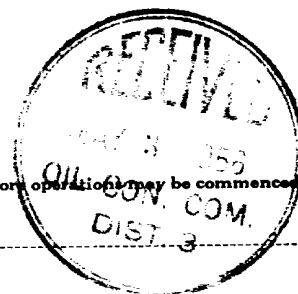
Company Pacific North West Oil & Gas Corp.

Address 1111 N. Main

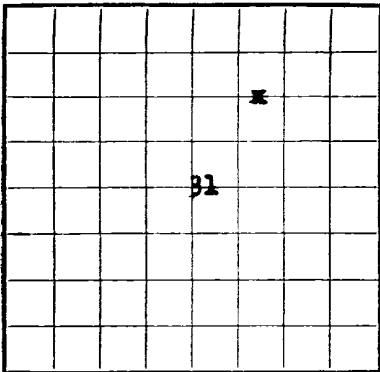
Barstow, Cal. 92303

By Original signed by T. A. Dugan

Title District Engineer



U. S. LAND OFFICE Alamogordo
SERIAL NUMBER 14-03-001-346
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

4-3-56
1- J. R. Johnston
1-File
2- J. D'Alisera
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pacific Northwest Pipeline Corp. Address 413 Main, Farmington, New Mexico
Lessor or Tract Unit 30-5 Field Alamo 4, 7. State New Mexico
Well No. 14-31 Sec. 31 T. 30 R. 5 Meridian N. 10. W. County Mora
Location 1130 ft. N. of Sec Line and 1750 ft. E. of Sec Line of Sec 31 Elevation 6234'
(Derrick floor relative to 1929 datum)

The information given herewith is a complete and correct record of the well and all work done on the ground so far as can be determined from all available records.
Signed Original signed by J. A. Mugar

Date May 13, 1956 Title District Engineer
The summary on this page is for the condition of the well at above date.

Commenced drilling 2-13, 1956 Finished drilling 4-14, 1956

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

No. 1, from 5676 to 6124 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		Purpose
							From—	To—	
9-5/8	32.75	8rd	CP-1	132.23	Tex. pattern				
7	20	5rd	CP-1	3952.74	Gains				
5	21.5	8rd	Texcon	6159.25	Test				
2-3/8	4.7	5rd		6121.9	Perf. Nipple				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	199.04	125 sacks 4 1/2 x 200 rag	Halliburton		
7	3970	200 sacks 4 1/2 x 50 neat	Halliburton		
5	6163	150 sacks neat	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 0 feet to 6169 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

4-14, 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, cu. ft. per 24 hours 2905 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. SICP 1034# SITP 1043#

EMPLOYEES

Robert Meise Drilling Engineer, Driller 3 hr. over flow on 4-24-56, Driller
Shut in for 9 days, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2893	2893	Surface
2893	3089	196	Ojo Alamo-Sand
3089	3496	407	Kirtland-Shale
3496	3808	312	Fruitland-Interbedded Sand, shale and coal
3808	3943	135	Pictured Cliffs-Sand
3943	5674	1731	Lewis-Shale
5674	5720	46	Cliff House-Sand
5720	6006	286	Menefee-Interbedded Sand, shale and coal
6006	6163	162	Point Lookout-Sand
6168			Total depth
6130			Plug Back Depth

