

3-NMO & G
 1-W. R. Johnston
 1-W. G. Cutler
 1-O. Fowler
 1-G. Hollis
 2-Phillips

NEW MEXICO OIL CONSERVATION COMMISSION
 INITIAL POTENTIAL TEST-DATA SHEET

is used for reporting all pitot tube tests made in the State. It is particularly important that it be used for reporting Initial Potential Tests in the San Juan Basin as prescribed by Order No. R-333 and by the New Mexico Oil Conservation Commission Manual of Tables and Procedure for Initial Potential (Pitot Tube) Tests.

POOL Blanco Mesa Verde FORMATION Mesa Verde
 COUNTY Rio Arriba DATE WELL TESTED 1/13/56

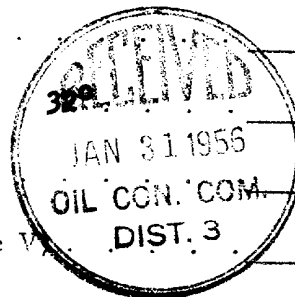
Operator PACIFIC NORTHWEST PIPELINE Lease 29-6 Well No. 51-31
 Unit
 1/4 Section SW Letter N Sec. 31 Twp. 29N Rge. 6W
 Casing: 5 1/8 " O.D. Set At 6017 Tubing 2" WT. Set at 5981
 Pay Zone: From 5872 to 5992 Gas Gravity: Meas. Est. .650
 Tested Through: Casing Tubing
 Test Nipple 3.068 I.D. Type of Gauge Used (Spring) (Monometer)

OBSERVED DATA

Shut In Pressure: Casing 1072 Tubing: 1049 S.I. Period 7 Days
 Time Well Opened: 8:40 A.M. Time Well Gauged: 11:40 A.M.

Impact Pressure: 304 v/767 PAID ON CSG.

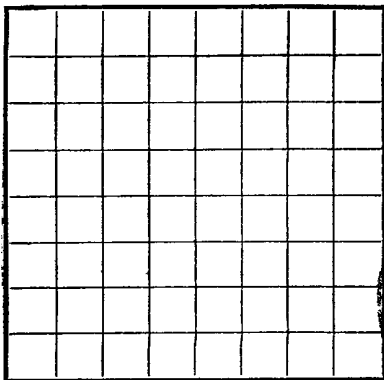
Volume (Table I) 5637.6 (a)
 Multiplier for Pipe or Casing (Table II) 1.046 (b)
 Multiplier for Flowing Temp. (Table III) 1.0281 (c)
 Multiplier for SP. Gravity (Table IV) 1.000 (d)
 Ave. Barometer Pressure at Wellhead (Table V) 11.5
 Multiplier for Barometric Pressure (Table VI) .983 (e)



Initial Potential, Mcf/24 hrs. (a) x (b) x (c) x (d) x (e) = 5960/10,287 ABS. O. Flow

Witnessed by: Tested by: C. R. Wagner
 Company: Company: PACIFIC NORTHWEST PIPELINE CORP.
 Title: Title: GAS TESTER

OIL CONSERVATION COMMISSION		
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LOCATE WELL CORRECTLY

U.S.G.S.
1-W. R. Johnston
2-C.C. Rogers
1-File
1-Mr. A.M. Wiederkehr
S.U.G. Burt Bldg.
Dallas 1, Texas

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03040-A
LEASE OR PERMIT TO PROSPECT
#14-08-001-439

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, Farmington, N.M.
Lessor or Tract Unit 29-6 Field Blanco State New Mexico
Well No. 51-31 Sec. 31 T. 29N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 920 ft. N. of Sec. 31 Line and 1500 ft. E. of Sec. 31 Line of Sec. 31 Elevation 6543
(Derrick floor relative to 100 ft. 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. Original signed by T. A. Dugan
Signed _____

Date February 10, 1956 Title District Engineer

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

Commenced drilling 12 - 5, 1955 Finished drilling 1 - 6, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from P.C. 3674 to 3783 No. 4, from _____ to _____
No. 2, from M.V. 5872 to 5992 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#	8RD.	C.P. & I.	184.42					
9-5/8	11	8RD.	Baker	107.42	Guide				
7"	28#	8RD.	C.P. & I.	309.98					
7"	11.5	8RD.	Baker	1	Guide & Float Collar				
5"	11.5	8RD.	Tenneco	166.96	OR OFF ON	C-2 MEET			
5"		8RD.	Baker	1					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	198.79	75 sz 45	Halliburton		
7"	3674.17	100 sz 85 50 sz neat	Halliburton		
5"	6012.46	150 sz neat	Halliburton		
2-3/8	9981.20	tubing			

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 6017 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 6, 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 9960 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. SITP 10/94 SICP 10724

EMPLOYEES

Robert E. Weiss, Drilling Foreman 11112 _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2767	2767	Surface
2767	2938	171	Ojo Alamo - Sand
2938	3410	472	Kirtland - Shale w/some sand.
3410	3668	258	Fruitland - Interbedded sand, shales and coal.
3668	3792	124	Pictured Cliff - Sand
3792	5437	1645	Lewis - Shale
5437	5531	94	Cliff House - Sand
5531	5870	339	Hemlock - Interbedded sand, shale and coal.
5870	6017	147	Point Lookout - Sand
6017	—	6017	Total Depth

