

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 11/3/75	
Company Northwest Pipeline Corporation				Connection New Well			
Pool Blanco				Formation Mesa Verde		Unit	
Completion Date 10/27/75		Total Depth 5881		Plug Back TD 5833		Elevation 6457	
Farm or Lease Name San Juan 29-6							
Csg. Size 4.500		ID 10.5		Set At 4.052		Perforations: From 5252 To 5828	
Well No. #10A		Well No.		Unit Sec. Twp. Rye.		p 2 29 6	
Type Well - Single - Broadhead - G.C. or G.O. Multiple		Gas - Single		Packer Set At None		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a 12.0	
State New Mexico		L H		Gg .690		% CO ₂ % N ₂ % H ₂ S	
Prover Orifice meter		Meter Run 4"		Taps flange		Duration of Flow	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Meter p.s.i.g.	Diff. Meter	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
1	4 X 2-1/2			58	7.2	64°	295		527		3hr
2											
3											
4											
5											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Differential Meter	Pressure Meter Static	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1							
2	103.00	7.2	2.65	.9962	1.204	1.030	2428
3							
4							
5							

NO.	P _i	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons	Deq.
2					Specific Gravity Separator Gas	XXXXXX
3					Specific Gravity Flowing Fluid	XXXXX
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	R

NO.	P _i	P _w	P _c	P _c ²	P _w ²	P _c ² - P _w ²
1	754	568	568	321424	321424	0
2						
3						
4						
5						

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.0450$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.7100$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4151$

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.

A.P.I. Gravity of Liquid Hydrocarbons _____ Deq.

Specific Gravity Separator Gas _____ XXXXXXXX

Specific Gravity Flowing Fluid _____ XXXXX

Critical Pressure _____ P.S.I.A.

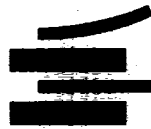
Critical Temperature _____ R

Absolute Open Flow 4151 Mcfd @ 15.025		Angle of Slope @ _____		Slope, n .75	
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Remarks: Well made approximately 2 bbls liquid with a trace of drip.



LTR



Job separation sheet

2

DEVIATION REPORT

NAME OF COMPANY Northwest Pipeline Corp. ADDRESS P.O. Box 90 Farington, New Mex. 87401
LEASE San Juan 29-6 Unit Well #10A Unit P Section 2 TWS 29N Range 6N
POOL Blanco Mesa Verde COUNTY Rio Arriba

DEPTH	DEVIATION
219'	1/4°
730'	1/4°
1200'	1/2°
1637'	1/2°
2418'	1/2°
3257'	3/4°
3749'	3/4°
4414'	1°
4943'	1-1/4°
5314'	1-1/2°
5881'	1-1/2°



Certificate: I, the undersigned, state that I, D.H. Maroncelli
acting in my capacity as Production Engineer of Northwest Pipeline Corp.,
am authorized by said Company to make this report; and that this report was prepared
by me or under my supervision and directions and that the facts stated therein are
true to the best of my knowledge and belief.

Subscribed and sworn to before me this 21 day of Nov, 1975

Marvin B. [Signature]
NOTARY PUBLIC IN AND FOR SAN JUAN COUNTY, NEW MEXICO

My Commission Expires 6/2/75