

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form O-122
Revised 6-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 8-30-77	
Company Northwest Pipeline Corp.				Connection New Completion			
Pool Blanco				Formation Mesa Verde		Unit San Juan 29-6	
Completion Date 8-12-77		Total Depth 5790		Plug Back TD 5745		Elevation 6506 GR	
Farm or Lease Name San Juan 29-6 Unit		Well No. #23A		Unit E 12 29 6			
Dep. Size 7.000 4.500	Wt. 20.0 10.5	d 3801 3660-5786	Set At 3801 3660-5786	Perforations: From 5294 To 5720			
Perf. Size 2.375	Wt. 4.7	d 1.995	Set At 5701	Perforations: From To			
Type Well - Single - Broadhead - G.G. or G.O. Multiple Gas - Single				Packer Set At None		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F 12.0		State New Mexico	
L	H	Gg .681	% CO ₂	% N ₂	% H ₂ S	Prover Orifice Meter	Meter Run 4" Flange

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Meter PSIG	Meter Diff.	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
1.	4	X	2.750	83		65 ⁰	651 177		681 446		SIP 3 hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Meter Static	Meter Diff.	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	130.00	3.1	8.1	.995	1.212	1.009	3972
2.							
3.							
4.							
5.							

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

P _c	693	P _c ²	480249
NO.	P _t ²	P _w	P _w ²
1		458	209764
2			
3			
4			
5			

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

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 6109$

AOF = Q

5381

SEP 2 1977

OIL CON COM.

DIST 3

Absolute Open Flow 6109	Mcf/d @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks: Variable choke set 48/64. Well produced 2.5 BBL's of water with a trace of condensate.

Approved By Commission:	Conducted By: Fred Hamrick	Calculated By: B.J. Broughton	Checked By:
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