

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

Form C-122
Revised 4-1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 8-24-77	
Company Northwest Pipeline Corporation		Connection New Completion	
Pool Blanco		Formation Mesa Verde	
Completion Date 8-3-77		Total Depth 5875	Plug Back TD 5843
Elevation 6593 GR		Unit San Juan 29-6	
Farm or Lease Name San Juan 29-6 Unit		Well No. 22A	
Flow Rate 7.000	Well Size 20"	Pressure 6.456	Set At 3943
4.500	10.5"	3688-5873	Perforations: From 5390 To 5812
Tag. Size 2.375	Well 1.995	Set At 5791	Perforations: From To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single		Packer Set At None	
Producing Thru Tubing		Baro. Press. - P _a New Mexico	
L	H	G _g	% CO ₂
		.665	
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.	
1.	4	X	2.750	82	8.1	64 ⁰	601		601	SIP
2.							167		395	3 hrs.
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	2.9	8.1	.996	1.226	1.009	3,762
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 _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _t	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.7884$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 5818$
1		407	165649	210120		
2						
3						
4						
5						

Absolute Open Flow 5818		Mcf @ 15.025	Angle of Slope @	Slope, n 75
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Remarks: Variable choke set @ 48/64. Well produced 1 BBL of water with a trace of condensate.

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