

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

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 11-13-81	
Company Northwest Pipeline Corporation		Connection New Completion	
Pool Gobernador		Formation Pictured Cliffs	
Completion Date 01-04-82		Total Depth 6142'	Plug Back TD 3900'
		Elevation 6819	Unit San Juan 30-5
Csg. Size 4.500	Wt. 4.052	Set At 6141'	Perforations: From 3830' To 3846'
Trg. Size 1.660	Wt. 2.330	Set At 3772'	Perforations: From To
Type Well - Single - Dragshead - G.G. or G.O. Multiple Gas-multiple completion			Well No. 12A PC
Packer Set At 3900'			Unit Sec. Twp. Rye. E 31 30 5
Producing Thru Tubing			County Rio Arriba
Reservoir Temp. °F 6			State New Mexico
Mean Annual Temp. °F			Baro. Press. - P _a 12.0
L	H	G _g	% CO ₂ % N ₂ % H ₂ S
			Prover 1750 CK
			Meter Run
			Taps

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI							0		162		7 day SIP
1.	2" x 0.750"			0			0		162		3 hrs
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _{ws}	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcf/d
1.							
2.							
3.							
4.							
5.							

NO.	P _r	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 _r	P _w	P _u	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1.						
2.						
3.						
4.						
5.						

NO.	P _r	P _w	P _u	P _c ² - P _w ²	ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1.					
2.					
3.					
4.					
5.					

Absolute Open Flow _____ Mcf/d @ 15.025	Angle of Slope θ _____	Slope, n <u>0.85</u>
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Remarks: Well will not produce.

Approved By Commission	Conducted By:	Calculated By:	Checked By: <i>[Signature]</i>
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