

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 11/19/75				
Company Northwest Pipeline Corporation				Connection New Completion					
Pool Blanco				Formation Mesa Verde				Unit	
Completion Date 11/10/75		Total Depth 6266		Plug Back TD 6217		Elevation 7115 Gr		Farm or Lease Name Jicarilla 92	
Csq. Size 4.500	Wt. 10.5#	d 4.052	Set At 6249	Perforations: From 6064 To 6098				Well No. #8	
Tbg. Size 2.375	Wt. 4.7#	d 1.995	Set At 6081	Perforations: From To				Unit Sec. Twp. Rge. N 31 27 3	
Type Well - Single - Bradenhead - G.G. 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	Cg .69	% CO ₂	% N ₂	% H ₂ S	Prover Orifice Meter	Meter Run 4"	Taps Flange	

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X Orifice Size	p.s.i.g.	Diff.	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI						989		989		SIP
1.	4 X 2.500		76	7.2	64°	328		585		3hrs
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	103.00	7.2	3.0	.9962	1.204	1.009	2692
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

P _c 1001	P _c ² 1002001			
NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²
1		597	356409	645592
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.5521$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3743$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3905$

Absolute Open Flow <u>3743</u>	Mcfd @ 15.025	Angle of Slope @ _____
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Remarks: Differential & static from L-10 chart. Coefficient from chart factor 3.162 & orifice factor 32.64. Variable choke set at 48/64. Well Produced trace of water and condensate.

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
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