

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 5/23/77	
Company Northwest Pipeline Corp.				Connection New Completion			
Pool Blanco				Formation Mesa Verde		Unit San Juan 29-5	
Completion Date 5/11/77		Total Depth 6091		Plug Back TD 6058		Elevation 6729 GR.	
Csg. Size 7.000 4.500		Wt. 20.0# 10.5#		Set At 4040 3880-6087		Perforations: From 5578 To 5976	
Tbg. Size 2.375		Wt. 4.7		Set At 5977		Perforations: From To	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Gas - Single						Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F 6		Mean Annual Temp. °F 12.0		Baro. Press. - P _g 12.0	
L .		H .		G _g .647		% 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	Meter PSIG	Meter Diff.	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							576		679	
1.	4	X	2.750	77	9.1	61°	166		441	
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Meter Static	Meter Diff.	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	130.00	3.0	9.1	.999	1.243	1.007	4,438
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 691 P _c ² 477481				
NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²
1		453	205209	272272
2				
3				
4				
5				

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.7537$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.5239$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 6,763$$

RECEIVED
 JUN 1 1977
 OIL CON. COM.
 DES. SLOPE

Absolute Open Flow 6,763 Mcfd @ 15.025	Angle of Slope 75
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Remarks: Well produced 1 1/2 bbls of water with a trace of condensate. Variable choke set at 48/64.

Approved By Commission:	Conducted By: Fred S. Hamrick	Calculated By: Bobby Broughton	Checked By:
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