

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 8-4-78	
Company Northwest Pipeline Corp.		Connection New Well	
Pool Blanco		Formation Mesa Verde	
Completion Date 5-7-78		Total Depth 6070	Plug Back To 6040
Elevation 6763		Farm or Lease Name San Juan 29-6 Unit	
Cas. Size 7.000 4.500	Wt. 20#/10.5	d 6.456 4.052	Set At 3980/6070
Perforations: From 5498 To 5984		Well No. #26A	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5962
Perforations: From To		Unit Sec. Twp. Rye. SE/4 13 29 6	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - single		Facker Set At none	
Producing Thru Tubing		Reservoir Temp. °F 8	Mean Annual Temp. °F
Baro. Press. - P _a 12.0		State New Mexico	
L	H	G _g .667	% CO ₂ % N ₂ % H ₂ S
Prover 3/4" choke		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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI							809		809		SIP
1.	2"	x	3/4"	254		63°	254		650		3 hr.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	9.604		266	.997	1.224	1.030	3211
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 821	P _c ² 674041	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.8586$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.1984$
NO. 1	P _w 662	P _w ² 438244	P _c ² - P _w ² 235797
2.			
3.			
4.			
5.			

Absolute Open Flow 7059		Mcf/d @ 15.025	Angle of Slope e
Remarks: Well produced light mist of water with a trace of condensate.			

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