

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

Form G-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 4/3/78	
Company Northwest Pipeline Corp.				Connection New Completion			
Pool Blanco				Formation Mesa Verde		Unit San Juan 29-6	
Completion Date 3/26/78		Total Depth 6032		Plug Back TD 5998		Elevation 6730 GR	
Csg. Size 7.000		Wt. 20.0#		d 6.456		Set At 3943	
4.500		11.6#		4.000		3738-6029	
Tubg. Size 2.375		Wt. 4.7		d 1.995		Set At	
Perforations: From 5454 To 5945				Well No. #28A			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single				Packer Set At None		Unit Sec. 1 wp. Rge. D 24 29 6	
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _a 12.0	
L		H		G _g		Prover Orifice Meter 4" Flange	
				.690			
FLOW DATA						TUBING DATA	
NO.	Prover Line Size	x	Orifice Size	Meter PSIG	Meter Diff.	Temp. °F	Press. p.s.i.g.
1.	4	x	2.750	123	4.2	54°	286
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 C, Mcfd
1	130.00	3.7	4.2	1.006	1.204	1.014	2481
2							
3							
4							
5							
NO.	P _t	Temp. °R	T _f	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.			
1.				A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.			
2.				Specific Gravity Separator Gas _____ XXXXXX XXXX			
3.				Specific Gravity Flowing Fluid _____ XXXXXX			
4.				Critical Pressure _____ P.S.I.A. _____ P.S.I.A.			
5.				Critical Temperature _____ R _____ R			
P _c 783 P _c ² 613089				$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 2.2537$			
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.8394$		
1		584	341056	272133	$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4564$		
2							
3							
4							
5							
Absolute Open Flow _____ 4564 _____ Mcfd @ 15.025				Angle of Slope θ _____ Slope, n _____ .75			
Remarks: Well produced 3 bbls. of water with a trace of condensate.							
Approved By Commission:		Conducted By F.S. Hamrick		Calculated By: B.J. Broughton		Checked By:	