

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 9-15-76	
Company Northwest Pipeline			Connection New Completion		
Pool Blanco			Formation Mesa Verde		Unit San Juan 29-6
Completion Date 9-9-76		Total Depth 5577	Plug Back TD 5525	Elevation 6301	Farm or Lease Name San Juan 29-6 Unit
Csg. Size 7.000	Wt. 10.26 #	d 6.276	Set At 3564	Perforations: From 4912 To 5436	
Tbg. Size 4.500	Wt. 4.7	d 1.995	Set At 5447	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas-single				Packer Set At None	County San Juan
Producing Thru Tubing		Reservoir Temp. °F @	Mean Annual Temp. °F @	Baro. Press. - P _a 12.0	State New Mexico
L	H	G _g .683	% CO ₂	% N ₂	% H ₂ S
Prover 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.		Temp. °F
1.	7 day SIP						903		934		SIP
2.	4" x 2.500			114	9.9	70 ⁰	478		741		3 Hrs.
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Meter Static	Meter Diff.	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1.	103.21	3.55	9.9	.9905	1.210	1.013	4404
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	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 946	P _c ² 894916	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.7292$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.1234$
NO.	P _t ²	P _w	P _w ²
1.		753	567009
2.			
3.			
4.			
5.			

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 9,351$	
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Absolute Open Flow	9,351	Mcf/d @ 15.025	Angle of Slope	θ	Slope, n	.75
Remarks: Variable choke set @ 48/64, Well produced a trace of condensate.						
Approved By Commission:		Conducted By: F. S. Hamrick		Calculated By: F.S. Hamrick		

