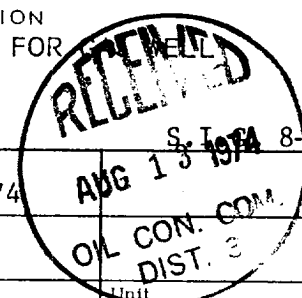


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR

Form C-122
Revised 9-1-65



S.I. 8-3-74

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 8-10-74	
Company Northwest Pipeline Corporation		Connection El Paso Natural Gas	
Pool Blanco		Formation Mesa Verde	
Completion Date 8-1-74		Total Depth 5696	Plug Back TD 5683
		Elevation 6423	Farm or Lease Name San Juan 29-6
Csg. Size 4-1/2"	Wt. 10.5#	d 4.052	Set At 5696
Thq. Size 2-3/8"	Wt. 4.7#	d 1.995	Set At 5586
Type Well - Single		Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F @	Mean Annual Temp. °F 12
Baro. Press. - P _g 12		State New Mexico	
L	H	G _g 0.690	% CO ₂
		% N ₂	% H ₂ S
		Prover .750 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	
1.	.750 choke						887		890		7 days
2.							282	78°	713		3 hours
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		294	.9831	.9325	1.029	3429
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

NO.	P _t ²	P _w ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{813,604}{287,979}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.1792$
1						
2						
3						
4						
5						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 7472$

Absolute Open Flow	7472	Mcfd @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks: Well making very light mist of water throughout test.

Approved By Commission:	Conducted By: R.E. Fielder	Calculated By: R.E. Fielder	Checked By: <i>R.E. Fielder</i>
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