

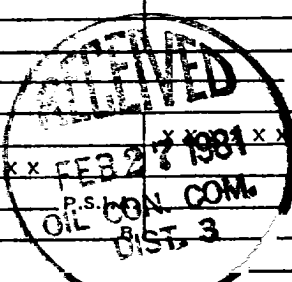
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 2-26-81			
Company El Paso Natural Gas Company				Connection Northwest Pipeline Corp.					
Pool Blanco				Formation Mesa Verde				Unit San Juan 28-5	
Completion Date 2-19-81		Total Depth 6177		Plug Back TD 6160		Elevation 6674 G.L.		Farm or Lease Name San Juan 28-5 Unit	
Csq. Size 7.000	Wt. 20	d 6.456	Set At 3845	Perforations: From *5237 To 6106		Well No. #15A			
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 6100	Perforations: From To		Unit 0	Sec. 34	Twp. 28	Rys. A 5W
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single						Packer Set At		County Rio Arriba	
Producing Thru tbg.		Reservoir Temp. °F p		Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	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	Duration of Flow
SI							855		888		7 Days
1.											
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1							
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _f	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
3					Specific Gravity Flowing Fluid	X X X X X
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	R



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

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

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope θ _____	Slope, n _____
Remarks: _____			

Approved By Division	Conducted By: Melvin Wileman	Calculated By: H. E. McAnally	Checked By:
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