

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 3-27-80											
Company El Paso Natural Gas Company				Connection											
Pool S. Blanco				Formation Pictured Cliff		Unit									
Completion Date 3-20-80		Total Depth 2680		Plug Back TD 2671		Elevation									
Farm or Lease Name Jones A															
Csq. Size 2.78	Wt. 6.4	d 2.441	Set At 2680	Perforations: From 2546 To 2642		Well No. # 13									
Tbg. Size	Wt.	d	Set At	Perforations: From To		Unit M	Sec. 10								
						Twp. 28	Rge. 8								
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At		County San Juan									
Producing Thru		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a									
						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				
SI									982		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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd								
1															
2															
3															
4															
5															
NO.	P _t	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 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					P_c^2										
NO.	P _t ²	P _w	P _w 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															
Absolute Open Flow _____ Mcfd @ 15.025					Angle of Slope θ _____										
Approved By Commission:				Conducted By: N. Wagoner				Calculated By: C.R. Wagner				Checked By:			

