

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 8-12-83		(OWWO)	
Company El Paso Natural Gas				Connection El Paso Natural Gas			
Pool Blanco				Formation Pictured Cliffs		Unit	
Completion Date 8-5-83		Total Depth 2928		Plug Back TD 2917		Elevation 6209 GR	
Farm or Lease Name Riddle B							
Csg. Size 2.875	Wt. 6.4	d 2.441	Set At 2928	Perforations: From 2824 To 2870		Well No. 8	
Tbg. Size 1.660	Wt. 2.3	d 1.380	Set At 2841	Perforations: From To		Unit I	Sec. 23
Twp. 30		Rge. 10					
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 2709		County San Jaun	
Producing Thru Tubing		Reservoir Temp. °F @		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	
SI							393				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 _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	P _c ²	P _c ² - R _w ²	(1) $\frac{P_c^2}{P_c^2 - R_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n =$
1.					
2.					
3.					
4.					
5.					

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

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope @ _____	Slope, n _____
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Remarks: AFG = 815 MCF/D - for sizing equip. only

Approved By Commission:	Conducted By: Bob Easterling	Calculated By: Ed Mabe	Checked By:
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