

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 01-02-86	
Company El Paso Natural Gas				Connection	
Pool Basin				Formation Dakota	
Completion Date 01-02-86		Total Depth 7501		Plug Back TD 7490'	
Elevation 6300 GR		Farm or Lease Name Riddle B			
Csq. Size 4½	Wt. 10.5	d 4.052	Set At 7501	Perforations: From 7284 To 7458	
Tbg. Size 1.900	Wt. 2.9	d 1.610	Set At 7453	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F	
Baro. Press. - P _a		State New Mexico			
L	H	G _g	% 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.	
SI							1234		1780	
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons <td>Dist. 3</td>	Dist. 3
2					Specific Gravity Separator Gas <td>XXXXXXXXXX</td>	XXXXXXXXXX
3					Specific Gravity Flowing Fluid <td>XXXXXX</td>	XXXXXX
4					Critical Pressure <td>P.S.I.A.</td>	P.S.I.A.
5					Critical Temperature <td>R</td>	R

NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²
1				
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____

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

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____

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

Approved By Commission:	Conducted By: Bobby Easterling	Calculated By: Scott H. Lindsay	Checked By: kld
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