

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 10-10-85			
Company El Paso Natural Gas Co.				Connection					
Pool Ballard				Formation Pictured Cliffs				Unit	
Completion Date 10-10-85		Total Depth 3180		Plug Back TD 3169		Elevation 7328 GR		Farm or Lease Name Jicarilla 183	
Csg. Size 2.875	Wt. 6.4	d 2.441	Set At 3180	Perforations: From 3057 To 3135		Well No. #13			
Tubingless Completion				Perforations: From To		Unit Sec. Twp. Rge. A 21 23 03			
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single						Packer Set At None		County Sandoval	
Producing Thru Csg.		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a 12		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.	Temp. °F	
SI									594		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.							

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NO.	P _r	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	XXXXXXXXXX
3.					Specific Gravity Flowing Fluid	
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

NO.	P _r	P _w	P _w ²	P _r ² - P _w ²
1.				
2.				
3.				
4.				
5.				

$$(1) \frac{P_r^2}{P_r^2 - P_w^2} = \quad \quad \quad (2) \left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = \quad \quad \quad$$

$$ACF = Q \left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = \quad \quad \quad$$

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

Approved by Commission:	Conducted By: Jim Boone	Calculated By: Ed Mabe	Checked By: kld
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