

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 7647		Plug Back TD 7640		Elevation 6406 CR		Firm or Lease Name Grambling C
Csq. Size 4.500	Wt. 10.5	d 4.052	Set At 7647		Perforations: From 7402 To 7550			Well No. #13E	
Tbg. Size 1.900	Wt. 2.9	d 1.610	Set At 7541		Perforations: From To			Unit Sec. Twp. Rge. J 14 30 10	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County San Juan	
Producing Thru Tbg.		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.	
SI							1452		2101	
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 _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcft/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.
5					Critical Temperature	R

NO.	P _t 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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