

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 9-22-81			
Company El Paso Natural Gas Company					Connection			
Pool Blanco					Formation Mesa Verde			Unit
Completion Date 9-15-81		Total Depth 5824		Plug Back TD 5806		Elevation 6277 GR		Form or Lease Name San Juan 32-9 Unit
Csg. Size 7.000	Wt. 20	d	Set At 3470	Perforations: From *4662 To 5714		Well No. #45A		
Tqg. Size 2.375	Wt. 4.7	d 1.995	Set At 5718	Perforations: From To		Unit E	Sec. 12	Twp. 31
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At		County San Juan	
Producing Thru Csg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico
L	H	G _q	% 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							270		668		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 _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	XXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX
4.					Critical Pressure _____ P.S.I.A.	_____ P.S.I.A.
5.					Critical Temperature _____ R	_____ R

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

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{\hspace{2cm}}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\hspace{2cm}}$

ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\hspace{2cm}}$

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope θ _____	Slope, n _____ 75
Remarks: _____		

Approved By Commission:	Conducted By: Jim Thurstonson	Calculated By: Ed Mabe	Checked By:
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