

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 6-17-80	
Company El Paso Natural Gas Company					Connection	
Pool Blanco					Formation Mesa Verde	
Completion Date					Unit San Juan	
Total Depth 5980		Plug Back TD 5962		Elevation 6399 Gr.		
Farm or Lease Name San Juan 30-6 Unit		Well No. 45A				
Csg. Size 7.00	Wt. 20	d 6.456	Set At 3616	Perforations: From *5226 To 5908		
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5899	Perforations: From To		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At	
Producing Thru Tbg.					County Rio Arriba	
Reservoir Temp. °F @					State New Mexico	
Mean Annual Temp. °F		Baro. Press. - P _a				
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	
Prover		Meter Run		Taps		

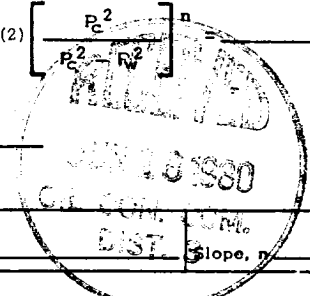
FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI							642		810		7 Days
1.											
2.											
3.											
4.											
5.											

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 _r	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 ²	P _w ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
1						
2						
3						
4						
5						

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



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

Approved By Commission:	Conducted By: Don Norton	Calculated By: Ed Mabe	Checked By:
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