

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 9-15-80			
Company El Paso Natural Gas Company						Connection			
Pool Blanco						Formation Mesa Verde		Unit	
Completion Date		Total Depth 6469		Plug Back TD 6451		Elevation 6844 GR		Farm or Lease Name San Juan 30-6 Unit	
Csg. Size 7.00	Wt. 20	d 6.456	Set At 4131	Perforations: From *5592 To 6365		Well No. #51A			
Tqg. Size 2.375	Wt. 4.7	d 1.995	Set At 6335	Perforations: From To		Unit P	Sec. 30	Twp. 30	Rge. 6
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At NONE		County Rio Arriba	
Producing Thru		Reservoir Temp. *F @		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.		Temp. *F
SI							0		618		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 _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	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 _r ²	P _w	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						

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$			
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Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope θ _____	Slope, n _____
Remarks: _____			

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