

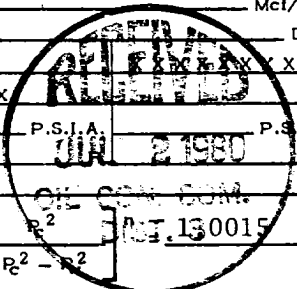
**NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 6-30-80			
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company			
Pool Blanco				Formation Mesa Verde		Unit San Juan 28-6	
Completion Date 6-14-80		Total Depth 5833		Plug Back TD 5814		Elevation 6480 Gr	
Farm or Lease Name S.J. 28-6 Unit							
Csq. Size 7.000	Wt. 20	d 6.456	Set At 3447	Perforations: From 4814 To 5706		Well No. #22A (MV)	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5660	Perforations: From To		Unit Sec. Twp. Rge. 0 8 27 6	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual				Packer Set At 3292		County Rio Arriba	
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12	
State New Mexico							
L	H	Gg 0.650	% 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							770			
1.	2"		0.750	5		52				3 Hr.
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	12.365		17	1.0078	0.9608	1.004	204
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. _____ P.S.I.A. Critical Temperature _____ R			
1								
2.								
3.								
4.								
5.								

P _c 770	P _c ² 592900		
NO.	P _t ²	P _w	P _w ²
1	289	34	1156
2			
3			
4			
5			

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0020$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 204$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 204$

Absolute Open Flow 204 Mcfd @ 15.025	Angle of Slope @ _____	Slope, n .075
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Remarks: 4.500" Liner 3265' - 5746 The Well Produced 26 MCF/D of Gas During the Test

Approved By Commission:	Conducted By: E. Minert	Calculated By: H. E. McNally	Checked By:
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