

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 6-24-80				
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company					
Pool Blanco				Formation Mesa Verde				Unit	
Completion Date 6-13-80		Total Depth 5353		Plug Back TD 5335		Elevation 6034 G1		Farm or Lease Name Atlantic C	
Csg. Size 7.000	Wt. 20	d 6.456	Set At 3008	Perforations: From 4227 To 5299				Well No. 6A (MV)	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5259	Perforations: From To				Unit Sec. Twp. Rge. D 6 30 10	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual					Packer Set At 2814		County San Juan		
Producing Thru Tub.		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico	
L	H	Gg 0.670	% 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							675			
1.	2"		0.750	215		80				
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		227	0.9813	0.9463	1.020	2659
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 <td>Deg.</td>	Deg.
2.					Specific Gravity Separator Gas <td>X X X X X X X X</td>	X X X X X X X X
3.					Specific Gravity Flowing Fluid <td>X X X X X</td>	X X X X X
4.					Critical Pressure <td>P.S.I.A. P.S.I.A.</td>	P.S.I.A. P.S.I.A.
5.					Critical Temperature <td>R R</td>	R R

P _c 687	P _c ² 471969		
NO	P _t ²	P _w	P _w ²
1	51529	439	192721
2			
3			
4			
5			

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.6901$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3941$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.4823$

Absolute Open Flow	3941	Mcf @ 15.025	Angle of Slope θ	Slope, n 0.75
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Remarks: 4.500" Liner 28.04' to 5353'/ The Well Produced 415 MCF/D Gas During The Test.

Approved By Commission:	Conducted By: Jim Thrustonson	Calculated By: H. E. McAnally	Checked By:
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