

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 7-1-80				
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company					
Pool Blanco				Formation Pictured Cliff				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 2663 To 2784			Well No. 6A (PC)		
Thg. Size 1.660	Wt. 2.33	d 1.380	Set At 2769	Perforations: From To			Unit D	Sec. Twp. Rge. 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 Csg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico	
L	H	Gg 0.680	% 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							761		764	
1.	2"		0.750	197		62			204	
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		209	0.9981	0.9393	1.022	2476
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
3.					Specific Gravity Flowing Fluid	X X X X X
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 776	P _c ² 602176		
NO	P _t ²	P _w	P _w ²
1	43681	216	46656
2			
3			
4			
5			

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0840$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0710$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2652$

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DIST. 3

Absolute Open Flow	2652	Mcf/d @ 15.025	Angle of Slope @	Slope, n	0.85
Remarks:					

Approved By Commission:	Conducted By: Jim Thurstonson	Calculated By: H.E. McAnally	Checked By: JUL 7-3-80
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