

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 1/4/78	
Company Amoco Production Company				Connection EL PASO NATURAL GAS COMPANY			
Pool Blanco				Formation Mesaverde		Unit	
Completion Date 1/4/78		Total Depth 4820		Plug Back TD 4777		Elevation 5783	
Farm or Lease Name W. D. Heath "B"							
Csg. Size 7.0	Wt. 20	d	Set At 2757	Perforations: From 3956 To 4696		Well No. 1A	
Tbg. Size 2.375	Wt. 4.7	d	Set At 1,995 4690	Perforations: From Open To Ended		Unit Sec. Twp. Rge. I 31 30 9	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _g	
State New Mexico							
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run Taps
			.65				

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	7 days						618		659	
1.	2.375	0.375					130		450	3 hrs.
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		142	1.000	.9608	1.013	1709
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 _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R

P _c 671	P _c ² 450241	
NO.	P _t ²	P _w
1		462
2.		
3.		
4.		
5.		

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \mathbf{1.9014}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{2767}$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{1.6192}$

Absolute Open Flow 2767	Mcf/d @ 15.025	Angle of Slope @ _____
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Remarks: **4.5" 10.5# Liner set 2566' - 4820'**

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: TMO/WRB	Checked By: J. L. Krupka
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