

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	
Company AMOCO PRODUCTION COMPANY					Connection El Paso Natural Gas Co.						
Pool Blanco					Formation Mesaverde					Unit	
Completion Date 12/11/76			Total Depth 5175		Plug Back TD 5134		Elevation		Farm or Lease Name Boyd Gas Com		
Csg. Size 7.000	Wt. 20	d 6.456	Set At 2949	Perforations: From 4097 To 5047				Well No. 1-A			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5055	Perforations: From Open To Ended				Unit C	Twp. 8	Rge. 10	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None				County San Juan		
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12 psi		State New Mexico			
L	H	Gg .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	7 days									
1.	2.375-inch		.750				624		677	
2.							250		300	60°
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		262	1.000	.9608	1.026	3194
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	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

P _c 689	P _c ² 474,721			(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2579$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1878$
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1		312	97,344	377,377	
2					
3					
4					
5					

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3794$

Oil & Gas

EST. 1963

Absolute Open Flow 3794 Mcfd @ 15.025	Angle of Slope θ .75
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Remarks: **4.5" 10.5# liner set 2759-5175'**

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: Oliver, Cordill	Checked By: P. C. Ellison
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