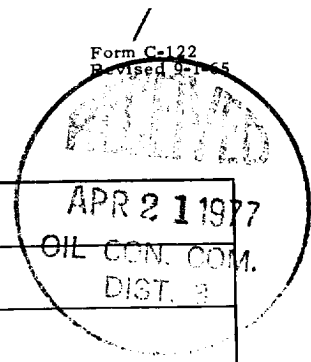


**NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 4-7-77			
Company AMOCO PRODUCTION COMPANY				Connection El Paso Natural Gas Company			
Pool Blanco				Formation Mesaverde		Unit	
Completion Date 3-31-77		Total Depth 5075'		Plug Back TD 5039		Elevation 5925 GL	
Farm or Lease Name A. L. Elliott "D"				Well No. 2-A			
Csg. Size 7.000	Wt. 20	d 6.456	Set At 2945	Perforations: From 4150 To 4961		Unit Sec. Twp. Rge. J 11 29 9	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 4946	Perforations: From Open To Ended			
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		State New Mexico	
L	H	Gg .65	% 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						575		616	
1.	2.375"		.750				220		500	60°
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		232	1.000	.9608	1.023	2820
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 _____ 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 628	P _c ² 394,384		
NO.	P _t ²	P _w	P _w ²
1		512	262,144
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \underline{2.9823}$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{6400}$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{2.2694}$$

Absolute Open Flow 6400 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .75
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Remarks: **4.500" 10.5# Liner set 2734' - 5075'**

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: Oliver/W.R.Cordill	Checked By: H. D. Montgomery
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