

**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 3-7-78	
Company Amoco Production Company			Connection El Paso Natural Gas Company		
Pool Blanco			Formation Mezaverte		
Completion Date 2/25/78		Total Depth 4790		Plug Back TD 4746	
Elevation 5656		Farm or Lease Name State Gas Com J			
Cng. Size 7.000	WL. 20	d 6.456	Set At 2700	Perforations: From 3948 To 4664	
Thq. Size 2.375	WL. 4.7	d 1.995	Set At 4631	Perforations: From Open To Ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F .65		Mean Annual Temp. °F None	
Baro. Press. - P _a San Juan		State New Mexico			
L	H	Gg	% 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.	Temp. °F	
SI	10 days						699		795		
1.	2.375	0.750					210	60	640		3 hr
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		222	1.000	.9608	1.022	2695
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 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

NO.	P _t	P _w	P _c ²	P _c ² - P _w ²
1		652	425104	226145
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \mathbf{2.8798}$

AOF = Q · $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{5958}$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{2.2107}$

Absolute Open Flow 5958 Mcfd @ 15.025	Angle of Slope Θ _____	Slope, n .75
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Remarks: **4.5" 10.5# Lihor Set 2506' - 4980'**

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