

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 1/23/78				
Company AMOCO PRODUCTION COMPANY				Connector El Paso Natural Gas Company					
Pool Choza Mesa				Formation Pictured Cliffs				Unit Valencia Canyon Unit	
Completion Date 1/14/78		Total Depth 4430		Plug Back TD 4378		Elevation 7316		Farm or Lease Name	
Csq. Size 4.500	Wt. 11.6	d 4.012	Set At 4430	Perforations: From 4146 To 4330			Well No. 13		
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 4309	Perforations: From Open End To			Unit Sec. Twp. Rge. 0 22 28 4		
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single				Packer Set At None		County Rio Arriba			
Producing Thru Tbng.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	G _g	% 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	9 days						1036		1040	
1.	2.375	0.750					180	60°	580	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		192	1.000	.9608	1.019	2324
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	XXXXXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A. _____ P.S.I.A. _____
5.					Critical Temperature	_____ R

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\frac{P_c^2}{P_c^2 - P_w^2} =$
1		592	350464	756240	1.4634	1.3822
2						
3						
4						
5						

Absolute Open Flow 3212 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n = .85

Remarks: _____

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: T.M.Oliver/T.D.Brown	Checked By: J. L. Krupka
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Original Signed by
J. L. Krupka