

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 2/17/78	
Company AMOCO PRODUCTION COMPANY				Connection El Paso Natural Gas Company		
Pool Choza Mesa				Formation Pictured Cliffs		Unit
Completion Date 2/10/78		Total Depth 4250		Plug Back TD 4208		Elevation 7157
Csg. Size 4.500		Wt. 10.5	d 4.052	Set At 4250		Perforations: From 3923 To 4151
Tbg. Size 2.375		Wt. 4.7	d 1.950	Set At 4128		Perforations: From Open Ended
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None	
Producing Thru Tbng.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a
L		H	Gg .65	% CO ₂	% N ₂	% H ₂ S
						Prover
						Meter Run
						Taps
FLOW DATA				TUBING DATA		CASING DATA
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F
SI	7 days					
1.	2.375	0.750				
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
1	12.365		462	1.000	.9608	1.048
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	
P_c 1111 P_c^2 1234321 NO P_t^2 P_w P_w^2 $P_c^2 - P_w^2$ (1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.7579$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.3686$						
1		887	786769	447552		
2						
3						
4						
5						
Absolute Open Flow 13624 Mcfd @ 15.025 Angle of Slope θ _____ Slope, h .85						
Remarks:						
Approved By Commission:		Conducted By: T.M. Oliver		Calculated By: T.M.O./M.J.F.		Checked By: J. L. Krupka