

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 6-30-78	
Company Amoco Production Company				Connection El Paso Natural Gas Company		
Pool Choza Mesa				Formation Pictured Cliffs		Unit
Completion Date 6-23-78		Total Depth 4425		Plug Back TD 4343		Elevation 7282
Csg. Size 4.500		Wt. 10.5	d 4.052	Set At 4425	Perforations: From 4188 To 4290	
Thg. Size 2.375		Wt. 4.7	d 1.995	Set At 4248	Perforations: From Open To Ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		Well No. 27
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a
L		H	Gg	% CO ₂	% N ₂	% H ₂ S
		.65		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		52	1.000	0.9608	1.010
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	1012	P _c ²	1024144			
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3095$	
1		492	242064	782080	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2576$	
2						
3						
4						
5						
Absolute Open Flow				785	Mcf/d @ 15.025	Angle of Slope @
Remarks:						
Approved By Commission:		Conducted By: TMO		Calculated By: T. M. Oliver/KCW		Checked By: J. L. Krupka

