

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 1-27-78			
Company Amoco Production Company				Connection					
Pool Choza Mesa				Formation Pictured Cliffs				Unit	
Completion Date 1-20-78		Total Depth 4475		Plug Back TD 4420		Elevation 7324		Farm or Lease Name Valencia Canyon Unit	
Csg. Size 4.500	Wt. 11.6	d 4.000	Set At 4461	Perforations: From 4091 To 4334		Well No. 14			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 4332	Perforations: From Open To Ended		Unit D	Sec. 23	Twp. 28	Rge. 4
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _g		State New Mexico	
L	H	G _g .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.	Temp. °F	
SI	7 days						715		1068		
1.	2.375	0.750					150	60	360		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		162	1.000	.9608	1.015	1953
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	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 1080	P _c ² 1166400	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.1346}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.1133}$
NO.	P _t ²	P _w	P _w ²
1		372	138384
2			
3			
4			
5			

Absolute Open Flow 2174 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .85
Remarks: _____			

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