

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 1-17-73	
Company AMOCO PRODUCTION COMPANY				Connection None	
Pool Astec				Formation Pictured Cliffs	
Completion Date 1-10-73		Total Depth 2185'		Elevation 5568' KB	
Csg. Size 4.500		Set At 2166'		Perforations: From 1972' To 2019'	
Tbg. Size 1.66" OD		Set At 2042'		Perforations: From Open To Ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At ---	
Producing Thru Tubing		Reservoir Temp. °F 60° F.		Baro. Press. - P _a 12 est.	
L		H		County San Juan	
G _g		% CO ₂		State New Mexico	
.65 est.		% N ₂		Prover	
		% H ₂ S		Meter Run	
				Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	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					689		689		
1.	2"		.750			76		373		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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		88	1.000	.9608	1.010	1056
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 X X X
4.					Critical Pressure	_____ P.S.I.A.
5.					Critical Temperature	_____ R

P _c 701		P _c ² 491401		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.4319}$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.3562}$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²			
1		385	148225	343176			
2							
3							
4							
5							

Absolute Open Flow 1432 Mcfd @ 15.025		Angle of Slope @ _____		Slope, n .85	
Remarks: _____					
Approved By Commission:		Conducted By: T. M. Oliver		Calculated By: Oliver/Calvin	
				Checked By: J. Arnold Snell	