

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 12-28-71			
Company AMOCO PRODUCTION COMPANY				Connection None			
Pool Blanco				Formation Pictured Cliffs			
Completion Date 12-20-71		Total Depth 2369		Plug Back TD 2534			
				Elevation / RDB GL 5733/5744			
Farm or Lease Name Caney Gas Com "B"							
Csq. Size 4.500	Wt. 10.5	d 4.032	Set At 2569	Perforations: From 2432 To 2462			
Tbg. Size 1.660	Wt. 2.40	d 1.380	Set At 2369	Perforations: From Open End To			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None			
Producing Thru Tubing				Baro. Press. - P _a 12 PSIA Est.			
Reservoir Temp. °F 90° @ T.B.		Mean Annual Temp. °F Est. 60°		State New Mexico			
L 2447	H 2447	Gg .650	% CO ₂	% N ₂	% H ₂ S		
Prover		Meter Run		Taps			
FLOW DATA			TUBING DATA		CASING DATA		
NO.	Prover Line Size X 8 Days	Press. p.s.i.g. 127	Diff. h _w	Temp. °F 60° Est.	Duration of Flow 3 Hrs.		
1.	1.660	.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	Rate of Flow Q, Mcfd
1	12.3650		139	1.0000	0.9608	1.012	1672
2.							
3.							
4.							
5.							
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. Critical Temperature _____ °R		
1.					RECEIVED DIS. 3 COM. COM.		
2.							
3.							
4.							
5.							
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{885,481}{546,757}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.5065$ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2519$		
1		582	338,724	546,757			
2							
3							
4							
5							
Absolute Open Flow 2519 Mcfd @ 15.025				Angle of Slope θ _____		Slope, n .85	
Remarks: _____							
Approved By Commission:		Conducted By: B. D. Dukas		Calculated By: J. A. Pope		Checked By: D. A. Wayhan	