

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 1-20-82	
Company Amoco Production Company				Connection Amoco Gas Co.	
Pool Basin				Formation Dakota	
Completion Date 12-24-81		Total Depth 6311		Plug Back TD 6267	
				Elevation 5589	
Farm or Lease Name Gallegos Canyon Unit				Well No. 133E	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6311	Perforations: From 6066 To 6202	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6227	Perforations: From open To ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
County San Juan				State New Mexico	
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F	
				Baro. Press. - P _a	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S
FLOW DATA			TUBING DATA		CASING DATA
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w
SI	15 Days				
1.	2.375		.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
1	12.365		216	1.000	.9258
2.					
3.					
4.					
5.					
NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio
1					A.P.I. Gravity of Liquid Hydrocarbons
2.					Specific Gravity Separation Gas
3.					Specific Gravity Flowing Fluid
4.					Critical Pressure
5.					Critical Temperature
P _c 1345 P _c ² 1809025 (1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1312$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0968$ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2777$					
NO.	P _w	P _w ²	P _c ² - P _w ²		
1	458	209764	1599260		
2					
3					
4					
5					
Absolute Open Flow			2777	Mcf @ 15.025	Angle of Slope @
					Slope, n .75
Remarks:					
Approved By Commission		Conducted By J. J. Barnett		Checked By J. J. Barnett	