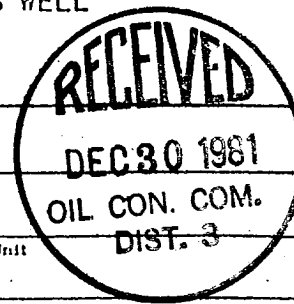


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-7-65



Type Test ☒ Initial ☐ Annual ☒ Special						Test Date 12-18-81	
Company Amoco Production Company				Connection Amoco Gas Company			
Pool Basin				Formation Dakota		Unit	
Completion Date 12-04-81		Total Depth 6260		Plug Back TD 6213		Elevation 5610	
Csg. Size 4.500		Wt. 10.5		d 4.052		Set At 6260	
Trg. Size 2.375		Wt. 4.7		d 1.995		Set At 6183	
Perforations: From 6054 To 6172				Well No. 263E			
Perforations: From open To ended				Unit H		Sec. 20	
Twp. 29N		Rge. 12W		Farm or Lease Name Gallegos Canyon Unit			
Type Well - Single - Blindhead - G.C. or G.O. Multiple Single						Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _a	
State New Mexico		County San Juan					
L		H		G _g		% 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.	
SI	9 Days						890		960	
1.	2.375		.750				155		625	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		167	1.000	.9258	1.020	1950
2.							
3.							
4.							
5.							

NO.	P _f	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 _____ XXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

$P_c = 972$ $P_c^2 = 944784$		$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.7528$		$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.5233$	
NO.	P _w	P _w ²	P _c ² - P _w ²		
1	637	405769	539015		
2					
3					
4					
5					

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2970$

$AOF = Q = 2970$

Absolute Open Flow 2970 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .75
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Remarks: _____

Approved by Commissioner J. J. Barnett	Conducted by J. J. Barnett	Calculated by J. J. Barnett	Checked by
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