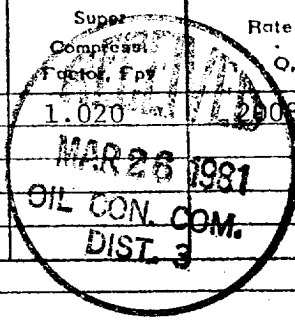


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 3/13/81	
Company Amoco Production Company				Connection El Paso Natural Gas Company	
Pool Basin				Formation Dakota	
Completion Date 2/20/81		Total Depth 6132		Plug Back TD 6090	
Elevation 5406 GL		Farm or Lease Name Gallegos Canyon Unit Com G			
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6132	Perforations: From 5910 To 6034	
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 6047	Perforations: From open To ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single				Packer Set At None	
Producing Thru tubing L		Reservoir Temp. °F P		Mean Annual Temp. °F Baro. Press. - P _a	
H		Cg .70		% 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
1.	13 days				
2.	2.375		.750		
3.					
4.					
5.					
RATE OF FLOW CALCULATIONS					
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g
1.	12.365		172	1.000	.9258
2.					
3.					
4.					
5.					
Super Compress. Factor, F _{sp} Rate of Flow Q, Mcfd					
1.020 2908					
					
NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio
1.					Mcft/bbl.
2.					A.P.I. Gravity of Liquid Hydrocarbons
3.					Specific Gravity Separator Gas
4.					Specific Gravity Flowing Fluid
5.					Critical Pressure
					Critical Temperature
					P.S.I.A. P.S.I.A.
					R R
$P_c = 692$ $P_c^2 = 478864$					
NO.	P _f	P _w	P _w ²	P _c ² - P _w ²	
1.		482	232324	246540	
2.					
3.					
4.					
5.					
(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.9423$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.6453$					
AOI = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3304$					
Absolute Open Flow 3304 Mcfd @ 15.025 Angle of Slope θ Slope, n .75					
Remarks:					
Approved By Commission:		Conducted By:		Calculated By:	
		R. A. CONNER		R. A. CONNER	
				Checked By:	