

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 1-5-82	
Company Amoco Production Company				Connection El Paso Natural Gas Company	
Pool Basin				Formation Dakota	
Completion Date 12-10-81		Total Depth 6279		Plug Back TD 6233	
				Elevation 5656 GL	
Farm or Lease Name Gallegos Canyon Unit					
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6279	Perforations: From 6060 To 6168	
Thg. Size 2.375	Wt. 4.7	d 1.995	Set At 6163	Perforations: From open To ended	
Type Well - Single - Blindhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F P		Mean Annual Temp. °F	
				Baro. Press. - P _a	
County San Juan					
State New Mexico					
L	H	G _g	% 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	11 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 F _g
1	12.365		184	1.000	.9258
2.					
3.					
4.					
5.					
NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio
1.					Mcf/bbl.
2.					A.P.I. Gravity
3.					Specific Gravity
4.					Critical Pressure
5.					Critical Temperature
NO.	P _f	P _w	P _w ²	P _f ² - P _w ²	(1) $\frac{P_c^2}{P_f^2 - P_w^2} = 1.1540$ (2) $\left[\frac{P_c^2}{P_f^2 - P_w^2} \right]^n = 1.1134$
1		480	230400	1496196	
2					
3					
4					
5					
Absolute Open Flow					2395 Mcf @ 15.025
Angle of Slope					Slope, n .75
Remarks:					
Approved by Commission		Conducted by: J. J. Barnett		Checked by: J. J. Barnett	