

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 6/5/79				
Company Amoco Production Company				Connection El Paso Natural Gas Company					
Pool Blanco				Formation Pictured Cliff				Unit	
Completion Date 5/1/79		Total Depth 2948		Plug Back TD 2903		Elevation 5863		Farm or Lease Name Gardner Gas Com	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 2926	Perforations: From 2709 To 2727		Well No. 1			
Tub. Size 2.375	Wt. 4.7	d 1.995	Set At 2726	Perforations: From Open To Ended		Unit Sec. Twp. Rge. I 33 32N 10W			
Type Well - Single - Branthead - G.G. or G.O. Multiple Single					Packer Set At None		County San Juan		
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	Gg	% 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.	Temp. °F	
SI	13 Days						711		806		
1.	2.375	.750					6	60	126		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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		18	1.000	.9608	1.001	214
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 818	P _c ² 669124	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0293$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0249$
NO.	P _w	P _w ²	P _w ² - P _w ²
1	138	19044	650080
2			
3			
4			
5			

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 219$

Absolute Open Flow 219	Mcf @ 15.025	Angle of Slope θ _____	Slope, n 85
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Remarks: _____

Approved By Commission	Conducted By R. A. Conner	Calculated By R. A. Conner	Checked By B. E. Fackrell
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