

**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 12-29-72				
Company AMOCO PRODUCTION COMPANY				Connection None					
Pool Blanco				Formation Pictured Cliffs Ext.				Unit	
Completion Date 12-22-72		Total Depth 2175'		Plug Back TD 2130'		Elevation 5573' KB		Farm or Lease Name Sammons Gas Com "E"	
Csg. Size 4.500	Wt. 9.5	d 4.050	Set At 2166	Perforations: From 2049 To 2080		Well No. 1			
Tbg. Size 1.66	Wt. 2.33	d 1.380	Set At 2071	Perforations: From Open To Ended		Unit Sec. Twp. Rge. I 7 29N 9W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At ..		County San Juan		
Producing Thru Tubing		Reservoir Temp. °F 60° Est.		Mean Annual Temp. °F 60° Est.		Baro. Press. - P _a 12 PSIA est.		State New Mexico	
L	H	G _g .65	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps	

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
NO.	Downer Line Size X CHOKED 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	7 days				814		814		
1.	2" .750				59		266		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	12.363		71	1.000	.9608	1.007	849
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	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 826	P _c ² 682,276		
NO.	P _t ²	P _w	P _w ²
1		278	77,284
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.1277}{1.1277 - 0.0000} = 1.1277$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.1075}{1.1075 - 0.0000} = 1.1075$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 940$$

Absolute Open Flow 940 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .85
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Remarks: _____

Approved By Commission:	Conducted By: J. F. Ellledge	Calculated By: J. Pope/J. Calvin	Checked By: J. Arnold Snell
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