

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 1-23-73				
Company AMOCO PRODUCTION COMPANY				Connection None					
Pool Blanco				Formation Pictured Cliffs				Unit	
Completion Date 1-15-73		Total Depth 2415		Plug Back TD 2359		Elevation 5802' KB		Farm or Lease Name Sammons Gas Con "B"	
Csg. Size 4.500	Wt. 9.5	d 4.090	Set At 2394	Perforations: From 2251 To 2267			Well No. 1		
Tbg. Size 1.66" OD	Wt. 2.4	d 1.380	Set At 2284	Perforations: From Open To Ended			Unit Sec. Twp. Rge. N 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		Mean Annual Temp. °F Est. 60		Baro. Press. - P _a Est. 12 PSIA		State New Mexico	
L	H	Gg .65	% 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	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	8 Days					751		772	
1.	2-Inch	.750				56		196	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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		68	1.0	.9608	1.010	816
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	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 784	P _c ² 614,656	
NO.	P _t ²	P _w ²
1	208	43,264
2		
3		
4		
5		

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0757$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 868$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0640$$

Absolute Open Flow 868 Mcfd @ 15.025	Angle of Slope θ	Slope, n .85
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Remarks:

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: J. Pope/J. Calvin	Checked By: J. Arnold Snell
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