

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

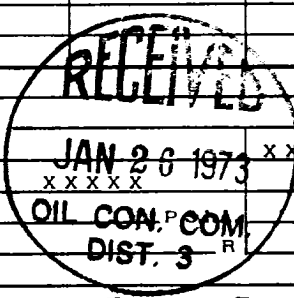
Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 1-19-73			
Company AMOCO PRODUCTION COMPANY				Connection NONE				
Pool Blanco				Formation Pictured Cliffs				Unit
Completion Date 1-12-73		Total Depth 2155'		Plug Back TD 2103'		Elevation 5562' KB		Farm or Lease Name Sammons Gas Com "F"
Csg. Size 4.500	Wt. 9.5	d 4.090	Set At 2141'	Perforations: From 2012' To 2037'		Well No. 1		
Tbg. Size 1.66"OD	Wt. 2.4	d 1.380	Set At 2054'	Perforations: From Open To Ended		Unit A	Sec. 18	Twp. 29N
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At -		County San Juan		
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F 60° F. est.		Baro. Press. - P _g 12 psia est.		State New Mexico
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps
		.65						

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X Choke Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	7 days					817		817	
1.	2"	.750				44		151	3 hr.
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	12.365		56	1.000	.9608	1.010	672
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	XXXXXXXXXX
3					Specific Gravity Flowing Fluid	XXXXX
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	R



P _c 829	P _c ² 687241	
NO.	P _t ²	P _w ²
1	163	26569
2		
3		
4		
5		

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.0402}$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0341}$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{695}$$

Absolute Open Flow	695	Mcf/d @ 15.025	Angle of Slope @	Slope, n .85
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Remarks:

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