

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 3-27-78	
Company Amoco Production Company				Connection		
Pool Blanco				Formation Pictured Cliffs		Unit
Completion Date 3-19-78		Total Depth 2869		Plug Back TD 2759		Elevation 5842
Farm or Lease Name Sammons Gas Com H						Well No. 1
Csg. Size 4.50	Wt. 10.5	d 4.052	Set At 2869	Perforations: From 2614 To 2680		Unit Sec. Twp. Rje. 6 31 10
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 2650	Perforations: From Open To Ended		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County San Juan
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		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	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	8 days						688		691		
1.	2.375		0.750				100	60	350		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		112	1.000	.9608	1.010	1344
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	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 703	P _c ² 494209			(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.3608}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.2994}$
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1		362	131044	363165	
2					
3					
4					
5					

Absolute Open Flow 1746 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .85
Remarks: _____			
Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: TMO/WRB	Checked By: J. L. Krupka