

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

Form C-122
 Revised 9-1-66

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 11-19-70	
Operator Amoco Oil & Gas Company		Connection Southern Union Gathering	
Well Name Alamos		Formation Pictured Cliffs	
Drilling Date 11-11-70	Total Depth 2629	Plug Back TD 2629	Elevation 5850 Gr
Form or Lease Name Pandemon		Well No. #2	
Perforations From 2528 To 2542	Set At 2622	Perforations From 2528 To 2542	Well No. #2
Perforations From 2528 To 2542	Set At 2528	Perforations From 2528 To 2542	Well No. #2
Well - Single - Broadhead - G.G. or G.O. Multiple Single		Packer Set At -----	County San Juan
Flowing Thru Casing	Reservoir Temp. °F @	Mean Annual Temp. °F @	Baro. Press. - P _a -----
State New Mexico		State New Mexico	
L	H	G _g	% 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.	
1	3"		3/4"				832		832	
2							177		164	
3										
4										
5										

Coefficient (C ₁ - Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{sp}	Rate of Flow Q, Mcfd
12.835		176	1.0000	.9258	1.0000	2015

A.O.	P ₁	Temp. °R	T ₁	Z	Gas Liquid Hydrocarbon Ratio	mol/mol.
1					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
2					Specific Gravity Separator Gas	XXXXXXX
3					Specific Gravity Flowing Fluid	XXXXX
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	R

NO.	P _c	P _w	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1	185	35.721	676.815	1.0528	1.0447
2					
3					
4					
5					

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2105$

Estimated Flow 2105 Mcfd @ 15.025 Angle of Slope $\ominus$

Approved By Commission: **NOV 24 1970** Conducted By: Calculated By: Checked By:

