

**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 5-2-69	
Company Amtec Oil and Gas			Connection Southern Union Gas		
Pool Azteco			Formation Picture Cliff		Unit
Completion Date 4-25-69		Total Depth 2734	Plug Back TD 2733	Elevation 6115 gr	Farm or Lease Name Grenier A
Csg. Size 4.5	Wt. 9.5	d 4.050	Set At 2733	Perforations: From 2640 To 2655	Well No. 5
Tbg. Size 3.375	Wt. 1.7	d 1.049	Set At 2646	Perforations: From open ended To	Unit Sec. Twp. Rge. E 35 30 10
Type Well - Single - Broadhead - G.G. or G.O. Multiple				Packer Set At	County San Juan
Producing Thru		Reservoir Temp. °F 9	Mean Annual Temp. °F	Baro. Press. - P _a	State New Mexico
L	H	Gg	% 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	2	X	3/4				749		749	
2							64		44	
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		56	1.000	.9258	1.009	647
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	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 761	P _c ² 579121	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0058$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0049$
NO.	P _r ²	P _w	P _w ²
1	3136		3355
2			
3			
4			
5			

Absolute Open Flow 650 Mcfd @ 15.025		Angle of Slope θ _____
Remarks: _____		
Approved By Commission:	Conducted By:	Calculated By: <i>[Signature]</i>
		Checked By:

