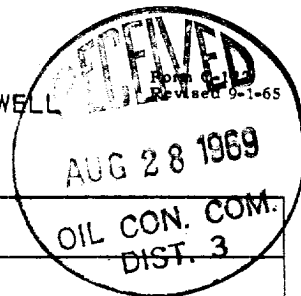


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 8-25-69	
Company Aztec Oil & Gas Company			Connection El Paso Natural Gas		
Pool			Formation Fruitland		
Completion Date 8-18-69		Total Depth 8000	Plug Back TD 8000	Elevation 6646 Gr	Farm or Lease Name Rattle Snake Canyon
Csq. Size 4 3/8	Wt. 10.5	Set At 8000	Perforations: From 3280 To 3300		Well No. #1
Tub. Size 1 1/2	Wt. 4.7	Set At 3150	Perforations: From Opened To		Unit Sec. Twp. Rgs. N 32 32N 8W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual				Packer Set At 3531	County San Juan
Producing Thru		Reservoir Temp. °F	Mean Annual Temp. °F		State New Mexico

L	H	Cg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps
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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							1408		1408		
1.	2		3/4				130		533		
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mscf
1	12.365		142	1.000	.9258	1.000	1625
2.							
3.							
4.							
5.							

NO.	P _t	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 1420	P _c ² 2016400				(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1727$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1596$
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²		
1		545	297025	1719375		
2						
3						
4						
5						

ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.884$

Absolute Open Flow 1.884 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n _____
Remarks: _____			
Approved By Commission:	Conducted By:	Calculated By:	Checked By: