

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 6-8-69	
Company Aztec Oil and Gas			Connection Southern Union Gathering		
Pool Pictured Cliffs			Unit Grenier		
Completion Date 6--1-69		Total Depth 3218		Plug Back TD 3218	
Elevation 6496 Gr		Farm or Lease Name Grenier			
Cor. Size 4-1/2	Wt. 9.5	d 3218	Perforations: From 3149 To 3169		Well No. 19
Prod. Size 1	Wt. 1.7	d 3143	From open ended ^{To}		Unit Sec. Twp. Rge. G 6 31 11
Type Well - Single - Branched - G.G. or G.O. Multiple single			Packer Set At		County San Juan
Producing Thru		Reservoir Temp. °F	Mean Annual Temp. °F		State New Mexico
L	H	Gc	% 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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	2		344				768		768	
1.							111		88	
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, Mscf
1	12.365		100	1.000	.9258	1.009	1155
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 780	P _c ² 608,400		
NO.	P _r ²	P _w	P _w ² P _c ² - P _w ²
1	10000		10820 597560
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.01814$$

$$ACF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1166$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0095$$

Absolute Open Flow	1166	Mscf @ 15.025	Angle of Slope @ _____
Remarks: _____			

Approved By Commission	Conducted By:	Calculated By:	Checked By:
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