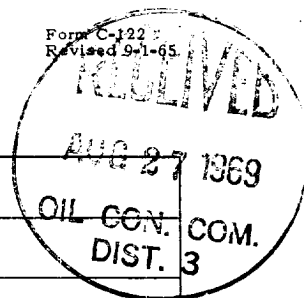


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special										Test Date 8-2-69	
Company Jerome P. McHugh						Connection					
Pool Undesignated						Formation Gallup					
Completion Date 6-20-69				Total Depth 8127		Plug Back TD 8078		Elevation 6929 ft.		Farm or Lease Name Tijerilla A	
Csg. Size 5 1/8		Wt. 14.55 lb		Set At 8126		Perforations: From 7320 To 7342		Well No. 2			
Tbg. Size 1 1/4		Wt. 2.4		Set At 7342		Perforations: From 7342 To 7342		Unit L		Sec. Twp. Rge. 18 26N 30W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple						Packer Set At 7470		County Rio Arriba			
Producing Thru 16		Reservoir Temp. °F @		Mean Annual Temp. °F		Buro. Press. - P _c		State New Mexico			
H		Gg 0.680		% 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							1350		1514		
1.											
2.											
3.	2	1/8		35		57			247		3 hours
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.							
2.							
3.	9.5417		47	1.0014	0.4393	1.000	376
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	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX
4.					Critical Pressure	P.S.I.A. P.S.I.A.
5.					Critical Temperature	R R

NO.	P _c	P _c ²	P _w	R _w ²	P _c ² - R _w ²
1.	1526	2327616			
2.					
3.	254	64516	2761549		
4.					
5.					

$$(1) \frac{P_c^2}{P_c^2 - R_w^2} = 1.0297$$

$$(2) \left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.0222$$

$$Q = \left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 386$$

$$Q_{OF} = Q$$

Absolute Open Flow	386	Mcf @ 15.025	Angle of Slope θ	Slope, n
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Remarks:

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	2.11.11	11.11.11	