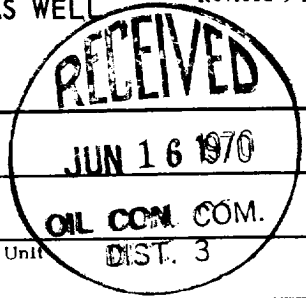


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 6-15-70	
Company Jerome P. McHugh		Connection	
Pool Basin		Formation Data	
Completion Date 5-26-70		Total Depth 8180	Plug Back TD 8140
		Elevation 7040 Gr	Farm or Lease Name Tribal
Csg. Size 4 1/2	Wt. 1054 lb	Set At 8180	Perforations: From 7905 To 8070
Tbg. Size 1 3/4	Wt. 2.4	Set At 8068	Perforations: From opened To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - Gas		Packer Set At None	Well No. 2
Producing Thru Tbg	Reservoir Temp. °F a	Mean Annual Temp. °F	Baro. Press. - P _a
County Rio Arriba		State New Mexico	
L	H	G _g 0.68	% 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.							2173		2240	
2.										
3.	2		3/4	128		63			978	3 hrs
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.							
2.							
3.	12.3650		140	0.9971	0.9393	1.016	1647
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons <td>Deg.</td>	Deg.
2.					Specific Gravity Separator Gas 68	XXXXXXXXXX
3.					Specific Gravity Flowing Fluid XXXXX	
4.					Critical Pressure _____ P.S.I.A.	P.S.I.A.
5.					Critical Temperature _____ R	R

NO.	P _t ²	P _w ²	P _w ²	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.					1.2395	1.175
2.		990	980.100	4994.4		
3.						
4.						
5.						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ **1935**

Absolute Open Flow 1935	Mcf/d @ 15.025	Angle of Slope @ _____	Slope, n .75
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Remarks: _____

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