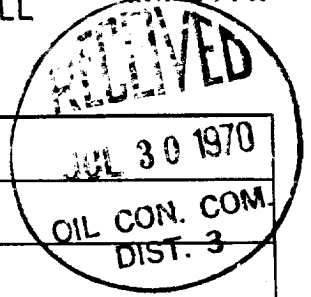


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 7-28-70	
Company Jerome P. McHugh		Connection	
Pool Tzapacito		Formation Pictured Cliff	
Completion Date 7-16-70		Total Depth 8228	Plug Back, TD 4000
Elevation 7117		Farm or Lease Name Tribal	
Csg. Size 4 1/2	Wt. 10.5	Set At 4045	Perforations From 3793 To 3820
Thg. Size 1 1/4	Wt. 2.4	Set At 3820	Perforations From open ended To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - Gas		Packer Set At -	
Producing Thru Csg		Reservoir Temp. °F 8	Mean Annual Temp. °F -
Baro. Press. - P _a -		State New Mexico	
L	H	G _g .65	% 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							1040		1040		
1.											
2.											
3.	2		3/4	235		64	288				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		247	.9962	.9608	1.024	2993
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ 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.						
2.						
3.		300	90000	1016704	1.0885	1.0748
4.						
5.						

NO.	P _t ²	P _w ²	P _w ²	P _c ² - P _w ²	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1.					
2.					
3.		300	90000	1016704	3217
4.					
5.					

Absolute Open Flow 3217 Mcfd @ 15.025	Angle of Slope ϕ _____	Slope, n .85
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Remarks: very dry			
Approved By Commission:	Conducted By: Hugan	Calculated By: Hugan	Checked By: