

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

Form C-722
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special					Test Date 10-15-78					
Company Jerome P. McHugh					Connection					
Pool Choza Mesa PC					Formation Pictured Cliffs					
Completion Date 8-1-78			Total Depth 4365'		Plug Back TD 4326'		Elevation 7340' GR		Farm or Lease Name Jer	
Csg. Size 4-1/2		Wt. 10.5#	d 4.052	Set At 4362'	Perforations: From 4070 To 4160		Well No. #2			
Tbg. Size 2-3/8"		Wt. 4.7#	d	Set At	Perforations: From To		Unit G	Sec. 7	Twp. 28N	Rge. 3W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - Gas					Packer Set At 4191' RKB			County Rio Arriba		
Producing Thru CSG		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico		
L	H	G _g	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps		
		.62 est								

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									1064		
1.											
2.											
3.	5/8" Pos Choke			3		600					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	8.5417		15	1.0000	.9837	1.0000	126
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 1072	P _c ² 1,149,184					
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.	225				AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 126$	
4.						
5.						

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope θ _____		
Remarks: Friction loss negligible - AOF equals Q			
Approved By Commission:	Conducted By:	Calculated By:	Checked By:

