

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLForm C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 12-9-75			
Company Jerome P. McHugh				Connection				
Pool Undesignated				Formation Pictured Cliffs				Unit
Completion Date 12-1-75		Total Depth 1244'		Plug Back TD 1202'		Elevation 6030' GR		Farm or Lease Name Chaco Plant
Csg. Size 2-7/8"	Wt. 6.4#	d	Set At 1230'	Perforations: From 1141' To 1149'		Well No. 5		
Thq. Size	Wt.	d	Set At	Perforations: From To		Unit E	Sec. 21	Twp. 26N
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - Gas					Packer Set At		County San Juan	
Producing Thru Casing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps
			.62					

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									212		7 days
1.											
2.											
3.	5/8" Pos Choke		3			52°			3		3 hrs
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Pressure P _m	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd	
1							
2							
3	8.5417	15	1.008	.9837	1.000	127	
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 _____ 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			

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.004$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0000$ $AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 127$
1					
2					
3		15	225	49,951	
4					
5					

Absolute Open Flow _____ 127 _____ Mcfd @ 15.025		Angle of Slope θ _____		Slope, n .85
Remarks: _____				
Approved By Commission: _____				
Conducted By: Charles Hall		Calculated By: Charles Hall		Checked By: