

1 - EIRASO (DOO CHIAI),

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

MULTIPOINT AND ONE POINT BACK PAPER

Type Test ☒ Initial		☐ Annual		☐ Special		Test Date 12-6-80	
Company Jerome P. McHugh				Connection			
Pool S. Blanco				Formation Pictured Cliffs			
Completion Date		Total Depth 3200'		Plug Back TD		Elevation 7130 GL	
Casing Size 4 1/2"		Wt. 10.5#		Set At 3163' RKB		Perforations: From 2988 To 3023	
Tubing Size 1 1/4"		Wt. 2.4#		Set At 2988		Perforations: From open end To	
Type Well - Single - Brdenhead - G.G. or G.O. Multiple single - gas						Packer Set At	
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a	
L		H		C _g .62 est.		% CO ₂	
						% N ₂	
						% H ₂ S	
						Prover	
						Meter Run	
						Taps	
FLOW DATA				TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.
1							
2							
3	3/4" Pos. choke			54		58	
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, Mhd
1							
2			66	1.0020	.9837	1.000	804
3	2.365						
4							
5							
NO.	R ₁	Temp. °R	T ₁	Z	Gas Liquid Hydrocarbon Ratio _____ Mcl/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.		
5					Critical Temperature _____ R		
$P_c = 894$ $P_c^2 = 799,236$					$(1) \frac{P_c^2}{P_e^2 - P_w^2} = 1.4881$		
$P_e = 894$ $P_w = 512$ $P_e^2 = 799,236$ $P_w^2 = 262,144$ $P_e^2 - P_w^2 = 537,092$					$(2) \left[\frac{P_e^2}{P_e^2 - P_w^2} \right]^n = 1.4019$		
$AOF = Q \left[\frac{P_e^2}{P_e^2 - P_w^2} \right]^n = 1127$							
Absolute Open Flow 1127					Mhd @ 15.025		Slope, n .85
Hemickel _____ Calculated By _____ Checked By _____							