

Form C-122
Revised 9-1-65

Type Test		☒ Initial		☐ Annual		☐ Special		Test Date		9-23-77							
Company				Connection													
Hixon Development Company																	
Pool				Formation				Unit									
NIPP - PC				Pictured Cliffs													
Completion Date		Total Depth		Plug Back TD		Elevation		Farm or Lease Name									
9-14-77		1247'		1209'		6225'		Mandana State Com.									
Csg. Size		Wt.		d		Set At		Perforations:		Well No.							
2 7/8"		6.5#		2.441		1326'		From 1260' To 1274'		2							
Tbg. Size		Wt.		d		Set At		Perforations:		Unit Sec. Twp. Rge.							
1 1/4"		2.3#		1.380		1249'		From To		B 2 25N 12W							
Type Well - Single - Bradenhead - G.G. or G.O. Multiple								Packer Set At		County							
Single								-----		San Juan							
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _g		State									
Tubing		8				12.0		New Mexico									
L		H		G _g		% CO ₂		% N ₂		% H ₂ S							
										Prover X							
										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	Duration of Flow						
SI	7 Days						200		200								
1.	2"	X	3/4"				12		48		3 hr.						
2.																	
3.																	
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	9.453		24	1.000	1.302	----	295										
2.																	
3.																	
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		0.590										
4.					Critical Pressure		P.S.I.A.										
5.					Critical Temperature		R										
P _c 212 P _c ² 44944																	
NO	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.09$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.08$										
1		60	3600	41344													
2																	
3																	
4																	
5																	
Absolute Open Flow 319 Mcfd @ 15.025								Angle of Slope @		Slope, n 0.850							
Remarks:																	
Approved By Commission:				Conducted By: Tefteller, Inc.				Calculated By: A. L. Kuchera				Checked By:					