

☒ Initial ☐ Annual		10/31/83	
Company Hixon Development Company		Connection ---	
Pool WAW-Fruitland-PC		Formation Pictured Cliffs	
Completion Date 10/31/83		Total Depth 1230'	Plug Back TD 1204'
		Elevation 6160' GLE	
Csg. Size 2-7/8"		Wt. 6.5#	Set At 1228'
Perforations: From 1094' To 1108'			
Thq. Size		Wt.	Set At
Perforations: From To			
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Single			Packer Set At
Producing Thru casing			Baro. Press. - P _a 12.0
Reservoir Temp. °F B			Mean Annual Temp. °F
L H Gg % CO ₂ % N ₂ % H ₂ S			Prover X
Meter Run			Taps
County San Juan			State New Mexico
Well No. 1-J			Unit Sec. Twp. Rge. B 4 25N 12W
Form or Lease Name Hixon Federal			

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		7 days							190		
1.		2" x 3/4"							3	60	3 hour
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, Mcld
1	9.694		15	1.000	1.290	---	188
2.							
3.							
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 _____ XXXXX
3					Specific Gravity Flowing Fluid _____ XXXXX 0.590
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5					Critical Temperature _____ R _____ R

$P_c = 202 \quad P_c^2 = 40804$					$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0055$		$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0047$	
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²				
1	15		225	40579				
2								
3								
4								
5								

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 189$			Absolute Open Flow 189 Mcld @ 15.025		Angle of Slope θ _____ Slope, n 0.85	
--	--	--	--------------------------------------	--	--------------------------------------	--

Remarks:			
Approved By Commission:	Conducted By:	Calculated By: B.E. Delventhal	Checked By: