

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

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 8-28-78			
Company Hixon Development Company						Connection			
Pool NIPP-PC				Formation Pictured Cliffs				Unit	
Completion Date 8-8-78		Total Depth 1275'		Plug Back TD 1233'		Elevation 6102' GL		Farm or Lease Name Chaco Wash	
Csg. Size 2-7/8"	Wt. 6.5	d	Set At 1264	Perforations: From 1074' To 1086		Well No. 1			
Thq. Size 1-1/4"	Wt. 2.3	d	Set At 1087'	Perforations: From To		Unit Sec. Twp. Rge. O 32 12N 26W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At -		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _a 12.0		State New Mexico	
L	H	Gg 0.600	% 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	
SI											
1.	7 days						214		218		
2.	2 x 3/4						1		10		
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1							
2.	63.5			1.00	1.291		82
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Ref/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 230	P _c ² 52900	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.009$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.008$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		22	484	52416
2				
3				
4				
5				

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 83$

Absolute Open Flow 83 Mcfd @ 15.025

Angle of Slope θ _____ Slope, n 0.85

Remarks: _____

Approved By Commission:	Conducted By: Hixon Development Co.	Calculated By: ALK	Checked By:
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