

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 12-7-77	
Company Hixon Development Company				Connection	
Pool NIPP - PC				Formation Pictured Cliffs	
Completion Date 12-7-77		Total Depth 1200'		Plug Back TD 1189'	
		Elevation 6155' GL		Farm or Lease Name Gle Na Nup Pah	
Csg. Size 2 7/8"	Wt. 6.5#	d 1191'	Set At 1191'	Perforations: From 1086' To 1094'	
Tbg. Size 1 1/4"	Wt. 2.3#	d 1056'	Set At 1056'	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At	
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F 12.0	
Baro. Press. - P _a 12.0		State New Mexico		County San Juan	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S
Prover		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	24 Days						202		202		
1.	2"	x	3/4"				36	66	82		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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	9.453		48	0.9943	1.240		559
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 _____ 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 214	P _c ² 45796	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.239$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.200$
NO.	P _t ²	P _w	P _w ²
1		94	8836
2			
3			
4			
5			

Absolute Open Flow _____ 671 _____ Mcfd @ 15.025		Angle of Slope @ _____		Slope, n 0.85	
Remarks: _____					
Approved by Commission:		Conducted By:		Calculated By: ALK	
				Checked By:	