

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 3-21-80			
Company Hixon Development Company				Connection					
Pool WAW-Fruitland-PC				Formation Pictured Cliffs				Unit	
Completion Date 3-21-80		Total Depth 1298'		Plug Back TD 1292'		Elevation		Farm or Lease Name Hixon Federal	
Csg. Size 2-7/8"	Wt. 6.5#	d 2.441	Set At 1297'	Perforations: From 1096' To 1108'			Well No. 1-R		
Tbg. Size 1-1/4"	Wt. 2.3#	d 1.380	Set At 1110'	Perforations: From To			Unit G	Sec. 4	Twp. 25N
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single						Packer Set At		County San Juan	
Producing Thru tubing		Reservoir Temp. °F 86 @ 1298'		Mean Annual Temp. °F		Baro. Press. - P _a 12.0 psig		State New Mexico	
L	H	G _g 0.6000	% 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.	
SI							202		212	
1.	2"	X	0.500				5		---	68
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	78.1			0.9924	1.000	1.000	78
2.							
3.							
4.							
5.							

NO.	P _f	Temp. °R	T _f	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 224	P _c ² 50176	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.006$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.005$
NO.	P _i ²	P _w	P _w ²
1		17	289
2			
3			
4			
5			

Absolute Open Flow 79 MCFD		Mcf/d @ 15.025	Angle of Slope Θ	Slope, n 0.85
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Remarks:			
Approved By Commission:	Conducted By: Hixon Development	Calculated By: ALK	Checked By: