

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 2-20-80	
Company Hixon Development Company				Connection SI			
Pool Bisti Farmington Ext.				Formation Farmington		Unit	
Completion Date 2-20-80		Total Depth 2097'		Plug Back TD 2072'		Elevation 6531'	
Farm or Lease Name Federal 18							
Csg. Size 2-7/8"	Wt. 6.5#	d 2.441	Set At 2096'	Perforations: From 843' To 503'			Well No. 1
Thq. Size	Wt.	d	Set At	Perforations: From To			Unit Sec. Twp. Rge. A 18 25N 12W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At -----	
Producing Thru casing		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _a 12.0	
State New Mexico							
L	H	Gg 0.555	% 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									186		
1.	2" x 3/4"								1	78	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				0.9831	1.000	---	75
2.							
3.							
4.							
5.							

NO.	P _t	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 0.555 XXXXXXXXXX
3.					Specific Gravity Flowing Fluid XXXXX
4.					Critical Pressure _____ P.S.I.A. P.S.I.A.
5.					Critical Temperature _____ R R

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.004$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.003$
1		13	169	39035		
2						
3						
4						
5						

Absolute Open Flow 76 Mcfd @ 15.025 Angle of Slope @ _____ Slope, θ 0.85

Remarks: _____

Approved By Commission: _____ Conducted By: Hixon Calculated By: ALK Checked By: _____