

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 12/23/80	
Company BIXCO, Inc.		Connection Critical Flow Prover	
Pool WAW-Fruitland-PC Field Ext.		Formation Pictured Cliffs Sand	
Completion Date 12/12/80	Total Depth 1485'	Plug Back TD 1449'	Elevation 5933
Farm or Lease Name Gass		Well No. 1	
Csg. Size 2.875"	Wt. 6.5	Set At 1477'	Perforations: From 1329' To 1335'
Thq. Size 1.660"	Wt. 2.4	Set At 1347'	Perforations: From To
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single		Packer Set At	
Producing Thru Tubing		Baro. Press. - P_a 12.0 PSIA	
Reservoir Temp. °F 0		Mean Annual Temp. °F	
L	H	Gg 0.6000	% CO ₂ % N ₂ % H ₂ S
Prover X		Meter Run Taps	
FLOW DATA		TUBING DATA	
NO.	Prover Line Size X Orifice Size	Press. p.s.i.g.	Temp. °F
1.	7 Days 2" X 0.5000		
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m
1.	4.388		13
2.			
3.			
4.			
5.			
		Flow Temp. Factor Ft.	Gravity Factor F_g
		1.000	1.291
		Super Compress. Factor F_{pv}	Rate of Flow O, Mcfd
		1.000	74
NO.	P_r	Temp. °R	T_r
1.			
2.			
3.			
4.			
5.			
Gas Liquid Hydrocarbon Ratio		Mcf/bbl.	
A.P.I. Gravity of Liquid Hydrocarbons		Deg.	
Specific Gravity Separator Gas		X X X X X X X X	
Specific Gravity Flowing Fluid		X X X X X	
Critical Pressure		P.S.I.A.	P.S.I.A.
Critical Temperature		R	R
P_c 261 P_c^2 68121			
NO.	P_i^2	P_w	P_w^2 $P_c^2 - P_w^2$
1.		90	8100 60021
2.			
3.			
4.			
5.			
		$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.1349$	
		$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1136$	
		$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 82$	
Absolute Open Flow 82		Mcf/d @ 15.025	Angle of Slope θ
			Slope, n 0.85
Remarks: Gas property data based on offset WAW-Fruitland-PC Field wells.			
Approved By Commission:		Conducted By: M. L. Kuchera	Calculated By: M. L. Kuchera
		Checked By:	