

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

Form C-127
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 12/19/80	
Company BIXCO, Inc.				Connection Critical Flow Prover	
Pool WAW-Fruitland-PC				Formation Pictured Cliffs	
Completion Date 12/12/80		Total Depth 1535'		Plug Back TD 1481'	
Elevation 5957		Farm or Lease Name Campbell			
Csg. Size 2.875	Wt. 6.5	d 2.441	Set At 1509'	Perforations: From 1367' To 1373	
Thq. Size 1.660	Wt. 2.4	d 1.380	Set At 1368'	Perforations: From None To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At	
Producing Thru Tubing		Reservoir Temp. °F		Baro. Press. - P _a 12.0 PSIA	
Mean Annual Temp. °F		State New Mexico		County San Juan	
L	H	Cg 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.	
SI	7 Days						278		278	
1.	2" X 3/4"						3		28	60
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	9.694		15	1.000	1.291	1.000	188
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mc/bsl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	Deq.
2.					Specific Gravity Separator Gas	X X X X X
3.					Specific Gravity Flowing Fluid	X X X X X
4.					Critical Pressure	P.S.I.A. 3 P.S.I.A.
5.					Critical Temperature	R R

P _c 290	P _c ² 84100	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.019$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.016$
NO.	P _t ²	P _w	P _w ²
1		40	1600
2			
3			
4			
5			

Absolute Open Flow 191 Mcfd @ 14.65		Angle of Slope θ	Slope, n 0.85
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Remarks: Gas property data based on offset WAW-Fruitland-PC Field well information.

Approved By Commission:	Conducted By: M. L. Kuchera	Calculated By: M. L. Kuchera	Checked By:
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