

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR

RECEIVED
JUL 15 1983

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 7-12-83			
Company Oxoxo Production Corp.				Connection			
Pool Blanco				Formation Mesa Verde			
Completion Date 7-12-83		Total Depth 7597		Plug Back TD 7500		Elevation 6733	
Farm or Lease Name Trail Canyon				Well No. 2			
Csq. Size 4 1/2	Wt. 10.5	d 4.052	Set At 7559	Perforations: From 5697 To 6135		Unit Sec. Twp. Rge. H 18 32N 8W	
Thg. Size 2 3/8	Wt. 4.7	d 1.995	Set At 5983	Perforations: From none To		County San Juan	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single				Packer Set At none		State New Mexico	
Producing Thru tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _a 12.2	
L	H	G _g 0.58	% 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.	
1.	2"	6" X 3/4"					1007		1004	
2.							152		355	42
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	11	---	164	1.018	1.313	1.014	2445
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	.226	502	1.434	0.972	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 367	P _c ² 135	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.25$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.18$
NO	P _t ²	P _w ²	P _c ² - P _w ²
1		164	27
2			
3			
4			
5			

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2885$

Absolute Open Flow 2885	Mcf/d @ 15.025	Angle of Slope @	Slope, n 0.75
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Remarks: All squared pressures are X 10³

Approved By Division	Conducted By: J Alexander	Calculated By: J Alexander	Checked By:
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