

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 5/16/1983	
Company Canaco Inc.				Connection New			
Pool South Blanco				Formation Picture Cliff		Unit P	
Completion Date 5/5/1983		Total Depth 5900		Plug Back TD 5830		Elevation 6894'	
Csg. Size 5 1/2		Wt. 15.5		Set At 4.950		Perforations: From 3550 To 3599	
Thg. Size 2 3/8		Wt. 4.7		Set At 1.995		Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple multiple/Gas Gas				Packer Set At 3990'		Well No. 1K-2A	
Producing Thru Tubing		Reservoir Temp. °F 113 ± 3560		Mean Annual Temp. °F 55°		Baro. Press. - P _a 12.2	
L 3578		H 3578		C _g .695		% 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.		Temp. °F
SI	7 DAYS						665#	75°	671#	75°	S.I.
1.	3/4x6" choke nipple						81#	62°	154#		3 hours
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	11.0		93.2	.9981	1.200	1.1	1,227
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	_____ Deg.
2.					Specific Gravity Separator Gas	_____
3.					Specific Gravity Flowing Fluid	_____
4.					Critical Pressure	_____ P.S.I.A.
5.					Critical Temperature	_____ R

$P_c = 6832$ $P_c^2 = 466762.24$					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0698$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.059$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²		
1	8686.24	174.60	30485.18	436277.0		
2						
3						
4						
5						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1,299.42$			
Absolute Open Flow 1,299.42		Mcf/d @ 15.025	Angle of Slope θ _____
Slope, n .85			

Remarks: _____			
Approved By Commission:	Conducted By: R.A. Janner	Calculated By: R.A. Janner	Checked By: [Signature]