

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 10/30/70	
Company Pubco Petroleum Corporation				Connection	
Pool Fulcher Kutz Pictured Cliffs				Formation Pictured Cliffs	
Completion Date 10/30/70		Total Depth 2200'		Elevation 5830' K.B.	
Csg. Size 3.50		Wt. 7.75		Well No. 18	
Tbg. Size 1.660		Wt. 2.30		Perforations: From 1992 To 2003	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F @		Baro. Press. - P _a	
L		H		Gg	
% CO ₂		% N ₂		% H ₂ S	
Prover		Meter Run		Taps	
FLOW DATA				TUBING DATA	
NO.	Prover X Size choice	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F
1.	0.750				
2.	0.750				
3.	0.750				
4.					
5.					
RATE OF FLOW CALCULATIONS					
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g
1.					
2.					
3.	12.365		18	0.9971	0.9608
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 _____ 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
NO.	P _c 345	P _c ² 119,025	P _w	P _w ²	P _c ² - P _w ²
1.			98	9604	109,421
2.					
3.					
4.					
5.					
(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0878$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0742$					
ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 231$					
Absolute Open Flow _____ 231 _____ Mcfd @ 15.025				Angle of Slope θ _____ Slope, n <u>0.85</u>	
Remarks: <u>Made small stream of water during test</u>					
Approved By Commission: DEC 4 1970		Conducted By: Alan Rhodes		Calculated By: Donald C. Walker	
Checked By:					