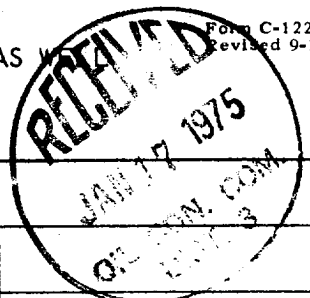


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS

Form C-122
 Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 1-13-75				
Company Northwest Pipeline				Connection New Completion					
Pool Blanco				Formation Pictured Cliffs				Unit Cox Canyon	
Completion Date 12-19-74		Total Depth 3597'		Plug Back TD 3570'		Elevation 6783'		Farm or Lease Name Cox Canyon Unit	
Csg. Size 2-7/8"	Wt. 6.4	d 2.441	Set At 3578'	Perforations: From 3458' To 3526				Well No. 18	
Tbg. Size t c	Wt.	d	Set At	Perforations: From To				Unit I	Sec. 17
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas Tubingless completion				Packer Set At none				County San Juan	
Producing Thru casing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12 0		State New Mexico	
L	H	Gg .635	% CO ₂ -	% N ₂ -	% H ₂ S -	Prover 3/4" THC		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	/ day SIP									916	
1.	2	x	.750							54	58°
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _{mt}	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		66	1.0019	9721	1.003	797
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 _____ XXXXXXXXXX	
3					Specific Gravity Flowing Fluid _____ XXXXXX	
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.	
5					Critical Temperature _____ R _____ R	

NO.	P _c	P _w	P _c ²	P _w ²	P _c ² - P _w ²	$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \frac{861,184}{853,959}$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0072$ $AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 803$ calculated P.W.
1	4356	85	7225	853,959		
2						
3						
4						
5						

Absolute Open Flow 803 Mcfd @ 15.025		Angle of Slope θ _____		Slope, n .85	
Remarks: G1 1-e-s F 0² R² pt² pt² + R² PW 2196 .148 19,573 2897 4356 7,253 85					
Approved By Commission:		Conducted By: Bobby Broughton		Calculated By: Bobby Broughton	
				Checked By: <i>[Signature]</i>	