

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 11-4-71	
Company Artes Oil & Gas Company			Connection Southern Union Gathering	
Well Blanco			Formation MESAVERDE	
Completion Date 10-29-71		Total Depth 6762'		Plug Back TD 4558'
Elevation 5834 GR		Farm or Lease Name Reid		
Csg. Size 4 1/2"	Wt. 9.5#	Set At 6760'	Perforations: From 4300' To 4490'	
Tub. Size 2-3/8"	Wt. 4.7#	Set At 4440'	Perforations: From ---- To ----	
Type Well - Single - Bracnhead - G.G. or G.O. Multiple Single			Packer Set At ----	
Producing Thru Tubing		Reservoir Temp. °F a	Mean Annual Temp. °F	
Baro. Press. - P _a		State New Mexico		
L	H	Gg	% CO ₂	% N ₂
		% H ₂ S	Prover	
Meter Run		Taps		
FLOW DATA				
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.
				Diff. h _w
				Temp. °F
1.	2"		3/4	
2.				
3.				
4.				
5.				
TUBING DATA				
				Press. p.s.i.g.
				Temp. °F
CASING DATA				
				Press. p.s.i.g.
				Temp. °F
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.	12.365		31	1.0000
2.				.9258
3.				1.0000
4.				355
5.				
NO.	P _r	Temp. °R	T _r	Z
1.				
2.				
3.				
4.				
5.				
Gas Liquid Hydrocarbon Ratio _____ Mcf/Std.				
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.				
Specific Gravity Separator Gas _____				
Specific Gravity Flowing Fluid _____				
Critical Pressure _____ P.S.I.A.				
Critical Temperature _____ °F				
RECEIVED NOV 8 1971 OIL CON. COM. DIST. 3				
P _c	512	P _c ²	97,394	
NO.	P _w	P _w ²	P _c ² - P _w ²	
1.	112	12,544	84,850	
2.				
3.				
4.				
5.				
(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1478$				
(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1087$				
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 394$				
Absolute Open Flow 394 Mcfd @ 15.025				
Angle of Slope θ _____ Slope, n _____				
Remarks: _____				
Approved By Commission: _____ Conducted By: _____				
Calculated By: _____ Checked By: _____				