

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

Form C-122

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date SEPT 2, 1995			
Company Williams Production Company				Connection					
Pool Blanco				Formation Mesaverde				Unit Rosa	
Completion Date 8-17-95		Total Depth 8090'		Plug Back TD 8048'		Elevation 6326'		Farm or Lease Name	
Casing Size		Weight d		Set At		Perforations: From To		Well No. 148	
Tubing Size		Weight d		Set at		Perforations: From To		Unit Sec Twp Rng O 02 31N 6W	
Type Well - Single - Bradenhead - GG or GO Multiple				Packer Set At				County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F		Mean Annual Temp. °F		Barometer Pressure - P _a		State New Mexico	
L		H		Gq .6		%CO ₂		%N ₂	
						%H ₂ S		Prover 3/4"	
								Meter Run Taps	

FLOW DATA				TUBING DATA		CASING DATA			
NO.	Prover Line	X Orifice Size	Pressure p.s.i.q.	Temperature °F	Pressure p.s.i.q.	Temperature °F	Pressure p.s.i.q.	Temperature °F	Duration of
SI		2" X 3/4"			854		934		0
1.					86	55°	916		0.5 hr
2.					104	55°	906		1.0 hr
3.					112	56°	896		1.5 hrs
4.					113	58°	891		2.0 hrs
5.					113	59°	878		3.0 hrs

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor	Gravity Factor	Super Compress.	Rate of Flow
1.	9.604		125	1.0010	1.29	1.010	1.566
2.							
3.							
4.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deq. Specific Gravity Separator _____ XXXXXX Specific Gravity Flowing Fluid _____ xxxxx Critical Pressure _____ p.s.i.a. _____ p.s.i.a. Critical Temperature _____ R _____ R	
1.					RECEIVED SEP 18 1995 OIL CON. DIV. DIST. 3 $(1) \frac{P_c^2}{P_c^2 - P_w^2} = \frac{8.7041}{P_c^2 - P_w^2} \quad (2) \frac{[P_c^2 - P_w^2]^n}{[P_c^2 - P_w^2]} = 5.0675$ $AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 7936$	
2.						
3.						
4.						
5.						

NO.	P _r ¹	P _w	P _w ²	P _c ² - P _w ²
1.		890	792.100	102.816
2.				
3.				
4.				

Absolute Open Flow 7936 Mcfd @ 15.025		Angle of Slope °		Slope, n .75	
Remarks:					
Approved By Commission:		Conducted By:		Calculated By: Susan Griguhn	
				Checked By:	