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: July 7,1995	
Company: Williams Production Company			Connection					
Pool: Blanco			Formation: Mesaverde				Unit: Rosa	
Completion Date: 6-28-95	Total Depth: 5980'		Plug Back TD: 5956'		Elevation: 6286'		Farm or Lease Name	
Casing Size	Weight	d	Set At	Perforations: From To			Well No.: 149	
Tubing Size	Weight	d	Set at	Perforations: From To			Unit G / Sec 12 / Twp 31N / Rng 6W	
Type Well - Single - Bradenhead - GG or GO Multiple			Packer Set At				County: Rio Arriba	
Producing Thru: Tubing	Reservoir Temp. oF		Mean Annual Temp. oF		Barometer Pressure - P_a		State: New Mexico	
L	H	Gq: .6	$\%CO_2$	$\%N_2$	$\%H_2S$	Prover: 3/4"	Meter Run	Taps

	FLOW DATA			TUBING DATA		CASING DATA		
NO.	Prover Line X Orifice Size	Pressure p.s.i.q.	Temperature oF	Pressure p.s.i.q.	Temperature oF	Pressure p.s.i.q.	Temperature oF	Duration of
SI	2" X 3/4"			1136		1136		0
1.				387	61°	1025		0.5 hr
2.				393	65°	947		1.0 hr
3.				356	65°	936		1.5 hrs
4.				353	65°	902		2.0 hrs
5.				344	65°	852		3.0 hrs

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OIL CON. DIV.
DIST. 3

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		356	.9952	1.29	1.041	4.569
2.							
3.							
4.							

NO.	P_r	Temp. oR	T_r	Z
1.				
2.				
3.				
4.				
5.				

P_c 1138 P_c^2 1295044

NO	P_t^1	P_w	P_w^2	$P_c^2 - P_w^2$
1.		864	746496	5485485
2.				
3.				
4.				

Gas Liquid Hydrocarbon Ration _____ 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) $\frac{P_c^2}{P_c^2 - P_w 2}$ = 2.3609 (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 1.9046

AOF = $Q\left[\frac{P_{c_2}}{P_{c_2} - P_w^2}\right]^n$ = 8702

Absolute Open Flow 8702 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By: Susan Griguhn	Checked By: