NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special							Test Date July 3,1995	
Company Williams Production Company			Connection					
Pool Blanco			Formation Mesaverde				Unit Rosa	
Completion Date 6-22-95	Total Depth 6090'		Plug Back TD 6065'		Elevation 6375'		Farm or Lease Name	
Casing Size	Weight	d	Set At	Perforations: From To			Well No. 16A	
Tubing Size	Weight	d	Set at	Perforations: From To			Unit C Sec 14 Twp 31N Rng 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	$\%CO_2$	$\%N_2$	$\%H_2S$	Prover 3/4"	Meter Run	Taps

	FLOW DATA			TUBING DATA		CASING DATA		
NO.	Prover Line X Orifice Size	Pressure p.s.i.q.	Temperature °F	Pressure p.s.i.q.	Temperature °F	Pressure p.s.i.q.	Temperature °F	Duration of
SI	2" X 3/4"			1059		1058		0
1.				398	71°	958		0.5 hr
2.				377	71°	921		1.0 hr
3.				368	69°	895		1.5 hrs
4.				363	72°	876		2.0 hrs
5.				347	74°	841		3.0 hrs

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JUL 17 1995
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		359	.9868	1.29	1.048	4.600
2.							
3.							
4.							

NO.	P_r	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

P_c 1070 P_c^2 1144900

NO	P_t^1	P_w	P_w^2	$P_c^2 - P_w^2$
1.		853	727609	417291
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) $\frac{P_c^2}{P_c^2 - P_w 2} = 2.7436$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2.1318$

AOF = $Q\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 9806$

Absolute Open Flow 9806 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

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