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

Form C-122

Type Test			Test Date
☒ Initial	☐ Annual	☐ Special	July 26,1995

Company	Connection	
Williams Production Company		

Pool	Formation	Unit
Blanco	Mesaverde	Rosa $\mathcal{U}t$

Completion Date	Total Depth	Plug Back TD	Elevation	Farm or Lease Name
7-14-95	6230'	6206'	6641'	

Casing Size	Weight	d	Set At	Perforations: From To	Well No. 152

Tubing Size	Weight	d	Set at	Perforations: From To	Unit E	Sec 36	Twp 32N	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 X Orifice Line 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"			796		826		0
1.				282	65·	784		0.5 hr
2.				271	67·	733		1.0 hr
3.				266	69·	711		1.5 hrs
4.				261	70·	694		2.0 hrs
5.				256	72·	677		3.0 hrs

RECEIVED AUG 1 4 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		268	.9887	1.29	1.034	3.394
2.							
3.							
4.							

NO.	P_r	Temp. oR	T_r	Z	
1.					Gas Liquid Hydrocarbon Ration_____ Mcf/bbl.
2.					A.P.I. Gravity of Liquid Hydrocarbons_____ Deq.
3.					Specific Gravity Separator_____ XXXXXX
4.					Specific Gravity Flowing Fluid xxxxx _____
5.					Critical Pressure_____ p.s.i.a. p.s.i.a.

P_c 838	P_c^2 702244			Critical Temperature_____ R R

NO	P_t^1	P_w	P_w^2	$P_c^2 - P_w^2$
1.		689	474721	227523
2.				
3.				
4.				

(1) $\dfrac{P_c^2}{P_c^2 - P_w^2} = 3.0865$ (2) $\left[\dfrac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2.3286$

$AOF = Q\left[\dfrac{P^c_2}{P^c_2 - P_w^2}\right]^n = 7903$

Absolute Open Flow 7903	Mcfd @ 15.025	Angle of Slope ө_____	Slope, n .75

Remarks:_____

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