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: 10-11-95
Company: Williams Production Company			Connection		
Pool: Basin			Formation: Dakota		Unit: Rosa Unit
Completion Date	Total Depth		Plug Back TD	Elevation	Farm or Lease Name
Casing Size	Weight	d	Set At	Perforations: From To	Well No.: 125E
Tubing Size	Weight	d	Set at	Perforations: From To	Unit: E Sec: 13 Twp: 31N Rng: 6W
Type Well - Single - Bradenhead - GG or GO Multiple			Packer Set At		County: San Juan
Producing Thru: Tubing	Reservoir Temp. °F		Mean Annual Temp. °F	Barometer Pressure - P_a	State: New Mexico

L	H	Gq	$\%CO_2$	$\%N_2$	$\%H_2S$	Prover	Meter Run	Taps
		.6				3/4"		

	FLOW DATA			TUBING DATA		CASING DATA		
NO.	Prover Line X Orifice Size	Pressure p.s.i.g.	Temperature °F	Pressure p.s.i.g.	Temperature °F	Pressure p.s.i.g.	Temperature °F	Duration of
SI	2" X 3/4"			1064				0
1.				111	67°			0.5 hr
2.				101	67°			1.0 hr
3.				100	69°			1.5 hrs
4.				99	69°			2.0 hrs
5.				97	69°			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		109	.9915	1.29	1.013	1.356
2.							
3.							
4.							

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

P_c 1076 P_c^2 1157776

NO	P_t^1	P_w	P_w^2	$P_c^2 - P_w^2$
1.		109	11881	1145895
2.				
3.				
4.				

Gas Liquid Hydrocarbon Ration _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator _____ XXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ p.s.i.a. _____ p.s.i.a.
Critical Temperature _____ R _____ R

(1) $\frac{P_c^2}{P_c^2 - P_w 2} = 1.0104$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0078$

AOF = $Q\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1,367$

Absolute Open Flow 1367 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

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

RECEIVED
OCT 30 1995
OIL CON. DIV.
DIST. 3