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 14,1995
Company: Williams Production Company			Connection		
Pool: Blanco			Formation: Mesaverde		Unit: Rosa
Completion Date: 7-06-95	Total Depth: 6020'		Plug Back TD: 5997'	Elevation: 6335'	Farm or Lease Name
Casing Size	Weight	d	Set At	Perforations: From To	Well No.: 72
Tubing Size	Weight	d	Set at	Perforations: From To	Unit Sec Twp Rng: I 06 31N 5W
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	$\%CO_2$	$\%N_2$	$\%H_2S$	Prover	Meter Run	Taps
		.6				3/4"		

	FLOW DATA			TUBING DATA		CASING DATA		
NO.	Prover X Line / Orifice Size	Pressure p.s.i.g.	Temperature °F	Pressure p.s.i.q.	Temperature °F	Pressure p.s.i.q.	Temperature °F	Duration of
SI	2" X 3/4"			914		915		0
1.				331	64°	817		0.5 hr
2.				327	68°	776		1.0 hr
3.				317	74°	747		1.5 hrs
4.				308	75°	727		2.0 hrs
5.				294	74°	698		3.0 hrs

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JUL 24 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		306	.9868	1.29	1.039	3887
2.							
3.							
4.							

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

P_c 927 P_c^2 859329

NO	P_t^1	P_w	P_w^2	$P_c^2 - P_w^2$
1.		710	504100	355229
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) $\frac{P_c^2}{P_c^2 - P_w 2}$ = 2.4191 (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 1.9397

AOF = Q $\left[\frac{P^c_2}{P^c_2 - P_w^2}\right]^n$ = 7540

Absolute Open Flow 7540 Mcfd @ 15.025 | Angle of Slope e _____ | Slope, n .75

Remarks: _____

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