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: Aug 3,1995	
Company: Williams Production Company			Connection					
Pool: Blanco			Formation: Mesaverde				Unit: Rosa Unit	
Completion Date: 7-25-95	Total Depth: 5909'		Plug Back TD: 5884'		Elevation: 6272'		Farm or Lease Name	
Casing Size	Weight	d	Set At	Perforations: From To			Well No.: 89A	
Tubing Size	Weight	d	Set at	Perforations: From To			Unit: O Sec: 34 Twp: 32N 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"			1026		1027		0
1.				333	66°	918		0.5 hr
2.				313	70°	868		1.0 hr
3.				304	72°	844		1.5 hrs
4.				297	75°	818		2.0 hrs
5.				288	76°	786		3.0 hrs

RECEIVED
AUG 14 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		300	.9850	1.29	1.045	3.826
2.							
3.							
4.							

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

P_c 1039 P_c^2 1079521

NO	P_t^1	P_w	P_w^2	$P_c^2 - P_w^2$
1.		798	636804	442717
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) $\frac{P_c^2}{P_c^2 - P_w 2} = 2.4384$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.9513$

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 7466$

Absolute Open Flow 7466 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

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