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: 11/04/94	
Company: NORTHWEST PIPELINE CORPORATION			Connection: WILLIAMS PRODUCTION COMPANY					
Pool			Formation: PICTURED CLIFFS				Unit: ROSA	
Completion Date: 10/20/94	Total Depth: 6055'		Plug Back TD: 6030'		Elevation: 6382'		Farm or Lease Name: ROSA UNIT	
Casing Size	Weight	d	Set At	Perforations: From To			Well No.: #88A	
Tubing Size	Weight	d	Set at	Perforations: From To			Unit Sec Twp Rng: L 08 31N 06W	
Type Well - Single - Bradenhead - GG or GO Multiple			Packer Set At: 3950'				County: SAN JUAN	
Producing Thru: TUBING	Reservoir Temp. oF		Mean Annual Temp. oF		Barometer Pressure - P_a		State: NEW MEXICO	
L	H	Gg	$\%CO_2$	$\%N_2$	$\%H_2S$	Prover: .750	Meter Run: 2"	Taps

	FLOW DATA			TUBING DATA		CASING DATA		
NO.	Prover Line Size X Orifice Size	Pressure p.s.i.g.	Temperature oF	Pressure p.s.i.g.	Temperature oF	Pressure p.s.i.g.	Temperature oF	Duration of Flow
SI	2" X .750			1099		1110		0
1.				131	62	624		0.5 HRS
2.				52	72	547		1.0 HRS
3.				48	74	524		1.5 HRS
4.				44	76	507		2.0 HRS
5.				40	76	464		3.0 HRS

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DIST. 3

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_t	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q,Mcfd
1.	9.604		52	.9850	1.268	1.006	627
2.							
3.							
4.							
5.							

NO.	P_r	Temp. oR	T_r	Z
1.				
2.				
3.				
4.				
5.				

P_c 742 P_c^2 1,258,884

NO.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1.		476	226,576	1,032,308
2.				
3.				
4.				

Gas Liquid Hydrocarbon Ration _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator GAS 0.62 XXXXXXX
Specific Gravity Flowing Fluid xxxxx _____
Critical Pressure _____ p.s.i.a. _____ p.s.i.a.
Critical Temperature _____ R _____ R

(1) $\frac{P_c^2}{P_c^2 - P_w 2} = 1.219$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right] = 1.184$

$AOF = Q\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 742$

Absolute Open Flow 739 Mcfd @ 15.025 | Angle of Slope e _____ | Slope, n 0.85

Remarks: _____

Approved By Commission:	Conducted By: ROSS GALLEGOS	Calculated By: STERG KATIRGIS	Checked By: