

NEW MEXICO OIL CONSERVATION COMMISSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special						Test Date <u>Sept 25, 1995</u>			
Company Williams Production Company				Connection					
Pool Blanco				Formation Mesaverde				Unit Rosa	
Completion Date		Total Depth		Plug Back TD		Elevation		Farm or Lease Name	
Casing Size		Weight	d	Set At	Perforations: From To		Well No. 77A		
Tubing Size		Weight	d	Set at	Perforations: From To		Unit I	Sec 33	Twp 31N
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 ₂ S	Prover 3/4"	Meter Run	Taps	

FLOW DATA				TUBING DATA		CASING DATA			
NO.	Prover X Line	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"			1057		1056		0
1.					115	53°	986		0.5 hr
2.					108	54°	971		1.0 hr
3.					107	55°	962		1.5 hrs
4.					108	56°	945		2.0 hrs
5.					112	58°	921		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		124	1.0019	1.29	1.010	1.555
2.							
3.							
4.							

NO.	P ₁	Temp. °F	T ₁	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator _____ XXXXXX
3.					Specific Gravity Flowing Fluid _____ xxxxx
4.					Critical Pressure _____ p.s.i.a. _____ p.s.i.a.
5.					Critical Temperature _____ R _____ R

NO.	P ₁	P _w	P _w ²	P _c ² - P _w ²	
1.		933	870489	270135	
2.					
3.					
4.					

Absolute Open Flow <u>4580</u> Mcfd @ 15.025		Angle of Slope °		Slope, n <u>.75</u>	
--	--	------------------	--	---------------------	--

Remarks: <u>WELL UNLOAD LIGHT MIST 1ST HOUR TO CLEAN GAS 3RD HOUR</u>			
Approved By Commission:		Conducted By:	
Calculated By: Susan Griguñ		Checked By:	