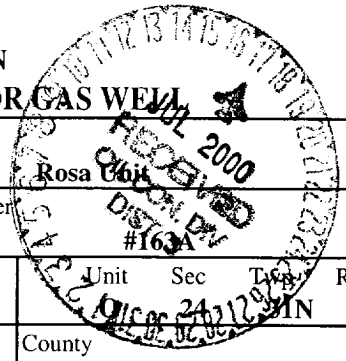
NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Operator			Lease or Unit Name			
Williams Production Company			Rosa Unit			
Test Type	Test Date		Well Number			
X Initial Annual Special	7/3/2000		#163A			
Completion Date	Total Depth	Plug Back TD	Elevation	Unit	Sec	Twp	Rng
6/30/2000	6065'	6065'	6064'	O	24	31N	6W
Casing Size / Weight / d	Set At	Perforations:	County				
4 1/2" / 10.5# /	6065'	4449' - 5616'	Rio Arriba				
Tubing Size / Weight / d	Set At	Perforations:	Pool				
2-3/8" / 4.7# /	5847'	5635' - 5871'	Blanco MV				
Type Well - Single-Bradenhead-GG or GO Multiple		Packer Set At	Formation				
			MV				
Producing Thru	Reservoir Temp. oF	Mean Annual Temp. oF	Barometer Pressure - Pa	Connection			
Tubing							

L	H	Gq	%CO2	%N2	%H2S	Prover	Meter Run	Taps
		0.6				3/4"		

	FLOW DATA			TUBING DATA		CASING DATA		
NO	Prover Line Size X Orifice Size	Pressure p.s.i.q	Temperature oF	Pressure p.s.i.q	Temperature oF	Pressure p.s.i.q	Temperature oF	Duration of Flow
SI	2" X 3/4"			1065		1065		0
1				290	63	967		0.5 hr
2				285	65	927		1.0 hr
3				280	69	900		1.5 hrs
4				270	70	870		2.0 hrs
5				245	71	840		3.0 hrs

RATE OF FLOW CALCULATION

NO	Coefficient (24 Hours)	hwPm	Pressure Pm	Flow Temp. Factor Fl	Gravity Factor Fq	Super Compress. Factor, Fpv	Rate of Flow Q,Mcfd
1	9.604		257	0.9896	1.29	1.034	3258
2							
3							
4							

NO	Pr	Temp. oR	Tr	Z
1				
2				
3				
4				
5				
Pc	1077	Pc2	1159929	

NO	Pt1	Pw	Pw2	Pc2-Pw2
1		852	725904	434025
2				
3				
4				

Gas Liquid Hydrocarbon Ration ____ Mcf/bbl.
A.P.I Gravity of Liquid Hydrocabrons ____. Deq.
Specific Gravity Separator ____. XXXXXX
Specific Gravity Flowing Fluid xxxxxxxxxx
Critical Pressure ____ p.s.i.a. ____ p.s.i.a.
Critical Temperature ____ R ____ R

(1) Pc2 / (Pc2-Pw2) = 2.6724935 (2) Pc2^n / (Pc2-Pw2) = 2.0901983

AOF = Q Pc2^n / (Pc2 - Pw2) = 6810

Absolute Open Flow	6810	Mcfd @ 15.025	Angle of Slope ____.	Slope, n	0.75

Remarks:

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Mark Lepich	Tracy Ross	David Spitz