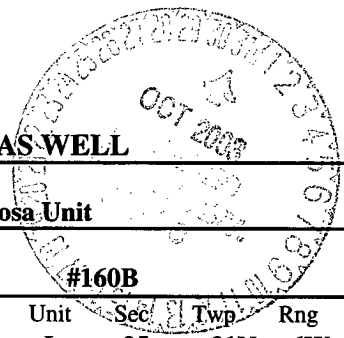
30-039-26962

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	10/6/2003		#160B		
Completion Date	Total Depth		Plug Back TD	Elevation	Unit	Sec	Twp	Rng
9/26/2003	8028'		8000'	6410'	L	25	31N	6W
Casing Size	Weight	d	Set At	Perforations:	County			
5 1/2"	17#		8025'	7856' - 7954'	Rio Arriba			
Tubing Size	Weight	d	Set At	Perforations:	Pool			
2 1/16"	3.25#		7945'		Basin DK			
Type Well - Single-Bradenhead-GG or GO Multiple				Packer Set At	Formation			
				6038'	DK			
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"			1675	57	940		0
1				230	60	940		0.5 hr
2				165	61	940		1.0 hr
3				130	62	940		1.5 hrs
4				105	62	945		2.0 hrs
5				80	63	945		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		92	0.9971	1.29	1.007	1144
2							
3							
4							

NO	Pr	Temp. oR	Tr	Z
1				
2				
3				
4				
5				
Pc	952	Pc2	906304	

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

NO	Pt1	Pw	Pw2	Pc2-Pw2
1		957	915849	-9545
2				
3				
4				

(1) Pc2 / Pc2-Pw2 = -94.950655 (2) Pc2^n / Pc2-Pw2 = #NUM!

AOF = Q Pc2^n / Pc2 - Pw2 = #NUM!

Absolute Open Flow	#NUM!	Mcfd @ 15.025	Angle of Slope ____.	Slope, n	0.75

Remarks:

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Larry Higgins	Tracy Ross	