

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

Operator Williams Production Company					Lease or Unit Name Jicarilla 92				
Test Type X Initial Annual Special			Test Date 4/21/2005		Well Number #17 (30-039-27841)				
Completion Date 4/7/2005		Total Depth 6466'		Plug Back TD		Elevation 7083'		Unit Sec Twp Rng P 31 27N 03W	
Casing Size 4 1/2"		Weight 10.5#		Set At 6450'		Perforations: 5600' - 5871'		County Rio Arriba	
Tubing Size 2 3/8"		Weight 4.7#		Set At 6169'		Perforations: 5940' - 6139'		Pool Blanco MV	
Type Well - Single-Bradenhead-GG or GO Multiple				Packer Set At			Formation MV		
Producing Thru Tubing		Reservoir Temp. oF		Mean Annual Temp. oF			Barometer Pressure - Pa		Connection
L	H	Gq 0.6	%CO2	%N2	%H2S	Prover 3/4"	Meter Run	Taps	

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"				185	58	980		0
1					295	76	929		0.5 hr
2					373	77	914		1.0 hr
3					259	77	866		1.5 hrs
4					251	77	844		2.0 hrs
5					200	77	723		3.0 hrs

RATE OF FLOW CALCULATION								
NO	Coefficient (24 Hours)		hwPm	Pressure Pm	Flow Temp. Factor Fl	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	9.604			212	0.984	1.29	1.031	2665
2								
3								
4								

NO	Pr	Temp. oR	Tr	Z	Gas Liquid Hydrocarbon Ration	Mcf/bbl.
1					A.P.I Gravity of Liquid Hydrocabrons _____	Deq.
2					Specific Gravity Separator _____	XXXXXXX
3					Specific Gravity Flowing Fluid xxxxxxxxxx	
4					Critical Pressure _____ p.s.i.a.	_____ p.s.i.a.
5					Critical Temperature _____ R	_____ R

Pc	992	Pc2	984064	
NO	Pt1	Pw	Pw2	Pc2-Pw2
1		735	540225	443839
2				
3				
4				

Absolute Open Flow 4841		Mcf/d @ 15.025	Angle of Slope _____	Slope, n 0.75
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Remarks:			
Approved By Commission:	Conducted By: Tommy Clements	Calculated By: Tracy Ross	Checked By:

