

30-039-29292

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

Operator Williams Production Company					Lease or Unit Name Jicarilla 93				
Test Type X Initial Annual Special			Test Date 3/29/2006		Well Number #2C				
Completion Date 3/13/2006		Total Depth 6440'		Plug Back TD		Elevation 7193'		Unit Sec Twp Rng O 34 27N 03W	
Casing Size 4 1/2"		Weight 10.5#		Set At 6437'		Perforations: 5621' - 5863'		County Rio Arriba	
Tubing Size 2 3/8"		Weight 4.7#		Set At 6192'		Perforations: 5954' - 6157'		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.g	Temperature oF	Pressure p.s.i.g	Temperature oF	Pressure p.s.i.g	Temperature oF	Duration of Flow
SI	2" X 3/4"				1216	51	1437		0
1					649	46	1310		0.5 hr
2					656	47	1296		1.0 hr
3					602	50	1283		1.5 hrs
4					597	50	1202		2.0 hrs
5					589	50	1265		3.0 hrs

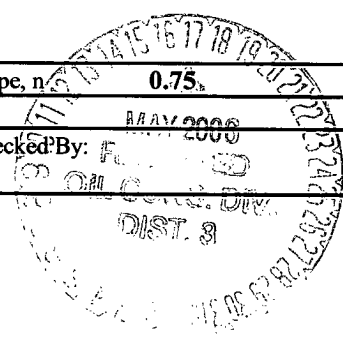
RATE OF FLOW CALCULATION							
NO	Coefficient (24 Hours)	hwPm	Pressure Pm	Flow Temp. Factor Fl	Gravity Factor Fq	Super Compress. Factor, Fpv	Rate of Flow Q,Mcf/d
1	9.604		601	1.0098	1.29	1.055	7932
2							
3							
4							

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

Pc	1449	Pc2	2099601	
NO	Pt1	Pw	Pw2	Pc2-Pw2
1		1277	1630729	468872
2				
3				
4				

Absolute Open Flow **24418** Mcfd @ 15.025 Angle of Slope _____ Slope, n **0.75**

Remarks:			
Approved By Commission:	Conducted By: Tommy Clements	Calculated By: Tracy Ross	Checked By: _____



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