

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

Operator Williams Production Company				Lease or Unit Name Indian H			
Test Type X Initial Annual Special		Test Date 4/30/2006		Well Number #4 (API #30-039-29288)			
Completion Date 4/17/2006		Total Depth 6403'		Plug Back TD		Elevation 6996'	
Casing Size 4 1/2"		Weight 10.5#		Set At 6399'		Perforations: 5255' - 5744'	
Tubing Size 2 3/8"		Weight 4.7#		Set At 6123'		Perforations: 5854' - 6096'	
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	
Meter Run		Taps		Prover 3/4"		Prover	
Gq 0.6		%CO2		%N2		%H2S	

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"			600	62	1340		0
1					400	65	1050		0.5 hr
2					320	65	920		1.0 hr
3					290	65	840		1.5 hrs
4					250	65	790		2.0 hrs
5					240	66	740		3.0 hrs

RATE OF FLOW CALCULATION

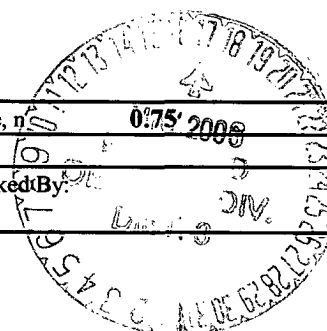
NO	Coefficient (24 Hours)	hwPm	Pressure Pm	Flow Temp. Factor Fl	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q _{sc} Mcfd
1	9.604		252	0.9943	1.29	1.030	3197
2							
3							
4							

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

Pc	1352	Pc2	1827904		(1) Pc2 = 1.4479594	(2) Pc2^n = 1.3199798
NO	Pt1	Pw	Pw2	Pc2-Pw2	Pc2-Pw2	Pc2-Pw2
1		752	565504	1262400		
2						
3						
4						

Absolute Open Flow	4221	Mcf @ 15.025	Angle of Slope _____	Slope, n	0.75' 2006
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Remarks:			
Approved By Commission:	Conducted By: Tommy Clements	Calculated By: Tracy Ross	Checked By:



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