

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

Operator Williams Production Company					Lease or Unit Name Cox Canyon Unit				
Test Type X Initial Annual Special			Test Date 4/5/2006		Well Number #6C (API # 30-045-32733)				
Completion Date 3/20/2006		Total Depth 6343'		Plug Back TD		Elevation 6861'		Unit Sec Twp Rng O 16 32N 11W	
Casing Size 4 1/2"		Weight 10.5#		Set At 6307'		Perforations: 4858' - 5542'		County San Juan	
Tubing Size 2 3/8"		Weight 4.7#		Set At 6154'		Perforations: 5784' - 6142'		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"				397	59	429		0
1					129	62	415		0.5 hr
2					132	63	408		1.0 hr
3					129	64	404		1.5 hrs
4					129	65	401		2.0 hrs
5					125	66	396		3.0 hrs

RATE OF FLOW CALCULATION										
NO	Coefficient (24 Hours)				hwPm	Pressure Pm	Flow Temp. Factor Ff	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	9.604					137	0.9943	1.29	1.014	1711
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

NO	Pc	Ptl	Pw	Pw2	Pc2-Pw2	(1) $\frac{Pc2}{Pc2-Pw2} =$	(2) $\frac{Pc2^n}{Pc2-Pw2} =$
1	441					6.9415355	4.2765314
2			408	166464	28017		
3							
4							

Absolute Open Flow 7318		Mcf/d @ 15.025	Angle of Slope _____	Slope, n 0.75
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Remarks:			
Approved By Commission:	Conducted By: Walt Snyder	Calculated By: Tracy Ross	Checked By: _____

