

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 6/18/2005		Well Number #6B (API #30-045-32693)				
Completion Date 5/26/2005		Total Depth 6188'		Plug Back TD		Elevation 6710'		Unit Sec Twp Rng B 16 32N 11W	
Casing Size 4 1/2"		Weight 10.5#		Set At 6182'		Perforations: 4945' - 5386'		County San Juan	
Tubing Size 2 3/8"		Weight 4.7#		Set At 5987'		Perforations: 5427' - 5998'		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"			479	57	471		0
1					160	63	456		0.5 hr
2					154	65	452		1.0 hr
3					156	67	448		1.5 hrs
4					156	68	444		2.0 hrs
5					154	70	439		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					166	0.9905	1.29	1.022	2082
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 _____	XXXXXX
3					Specific Gravity Flowing Fluid xxxxxxxxxx	
4					Critical Pressure _____ p.s.i.a.	_____ p.s.i.a.
5					Critical Temperature _____ R	_____ R

Pc	Pt1	Pw	Pw2	Pc2-Pw2	(1) Pc2 =	(2) Pc2^n =
483		233289			7.8054403	4.6697976
NO					Pc2-Pw2	Pc2-Pw2
1		451	203401	29888		
2						
3						
4						

Absolute Open Flow 9722		Mcf @ 15.025	Angle of Slope _____	Slope, n 0.75
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Remarks:			
Approved By Commission: 	Conducted By: Larry Higgins	Calculated By: Tracy Ross	Checked By:

