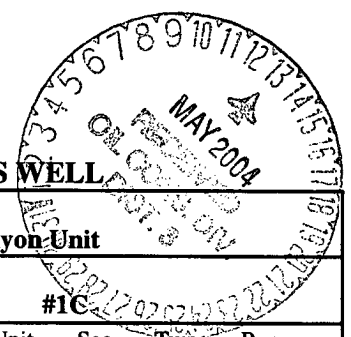


**NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**



Operator Williams Production Company					Lease or Unit Name Cox Canyon Unit				
Test Type X Initial Annual Special			Test Date 5/3/2004		Well Number #1C				
Completion Date 4/15/2004		Total Depth 6115'		Plug Back TD 6089'		Elevation 6704'		Unit Sec Twp Rng E 16 32N 11W	
Casing Size 4 1/2"		Weight 10.5#		Set At 6107'		Perforations: 4929' - 5592'		County Rio Arriba	
Tubing Size 2 3/8"		Weight 4.7#		Set At 5972'		Perforations: 5628' - 5989'		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"				505	43	493		0
1					151	63.3	480		0.5 hr
2					140	64.9	475		1.0 hr
3					147	66	471		1.5 hrs
4					142	67.2	467		2.0 hrs
5					143	69.1	461		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					155	0.9915	1.29	1.019	1940
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	505	Pc2	255025	
NO	Pt1	Pw	Pw2	Pc2-Pw2
1		473	223729	31296
2				
3				
4				

(1) $\frac{Pc2}{Pc2 - Pw2} =$ 8.148805		(2) $\frac{Pc2^n}{Pc2 - Pw2} =$ 4.8230353	
AOF = Q $\frac{Pc2^n}{Pc2 - Pw2} =$ 9358			

Absolute Open Flow	9358	Mcf @ 15.025	Angle of Slope _____	Slope, n	0.75
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Remarks:			
Approved By Commission:	Conducted By: Cyd Shepard	Calculated By: Tracy Ross	Checked By: Randy VanDenBerg