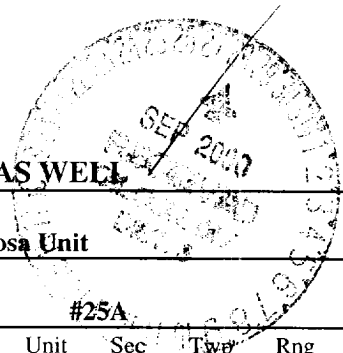


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Operator Williams Production Company					Lease or Unit Name Rosa Unit				
Test Type X Initial Annual Special			Test Date 9/14/2000		Well Number #25A				
Completion Date 9/4/2000		Total Depth 6876'		Plug Back TD 6840'		Elevation 6330'		Unit Sec Twp Rng E 15 31N 6W	
Casing Size 4-1/2"		Weight 10.5#		Set At 6876'		Perforations: 5966' - 6492'		County San Juan	
Tubing Size 2-3/8"		Weight 4.7#		Set At 6717'		Perforations: 6547' - 6768'		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"				970		970		0
1					315	58	915		0.5 hr
2					333	62	895		1.0 hr
3					333	64	880		1.5 hrs
4					330	65	865		2.0 hrs
5					328	67	845		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, Mcfd
1	9.604					340	0.9933	1.29	1.036	4335
2										
3										
4										

NO	Pr	Temp. oR	Tr	Z	Gas Liquid Hydrocarbon Ration	Mcf/bbl. Deq.
1					A.P.I Gravity of Liquid Hydrocabrons _____	
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	982	Pc2	964324	
NO	Pt1	Pw	Pw2	Pc2-Pw2
1		857	734449	229875
2				
3				
4				

(1) $Pc2 = 4.1949929$		(2) $Pc2^n = 2.9312201$	
$Pc2 - Pw2$		$Pc2 - Pw2$	
AOF = Q $Pc2^n = 12706$			
$Pc2 - Pw2$			

Absolute Open Flow	12706	Mcf/d @ 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: David Spitz