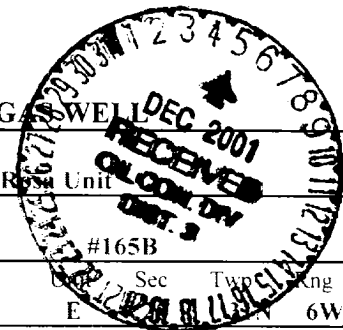


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS



Operator Williams Production Company				Lease or Unit Name Res Unit			
Test Type X Initial Annual Special			Test Date 11/12/2001		Well Number		
Completion Date 10/21/2001		Total Depth 7955'		Plug Back TD 7930'		Elevation 6311'	
Casing Size 5 1/2"		Weight 17#		Set At 7955'		Perforations: 7787' - 7914'	
Tubing Size 2 1/16"		Weight 3.25#		Set At 7853'		Perforations:	
Type Well - Single-Bradenhead-GG or GO Multiple				Packer Set At 6003'		Formation DK	
Producing Thru Tubing		Reservoir Temp. oF		Mean Annual Temp. oF		Barometer Pressure - Pa	
Connection		Meter Run		Taps			
Prover 3/4"		Gq 0.6		%CO2		%N2	
%H2S							

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"			1330	67	900		0
1					340	93	905		0.5 hr
2					130	78	905		1.0 hr
3					100	75	905		1.5 hrs
4					80	75	905		2.0 hrs
5					70	73	905		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		82	0.9877	1.29	1.010	1013
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	912	Pc2	831744			
NO	Pt1	Pw	Pw2	Pc2-Pw2	(1) $Pc2 = \frac{Pc2^n}{Pc2-Pw2}$	(2) $Pc2^n = \frac{Pc2^n}{Pc2-Pw2}$
1		917	840889	-9145		#NUM!
2						
3						
4						

Absolute Open Flow	#NUM!	Mcf/d @ 15.025	Angle of Slope _____	Slope, n	0.75
--------------------	--------------	----------------	----------------------	----------	-------------

Remarks:

Approved By Commission:	Conducted By: Larry Higgins	Calculated By: Tracy Ross	Checked By:
-------------------------	--------------------------------	------------------------------	-------------