

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special							Test Date 12-09-1997		
Company Williams Production Company					Connection				
Pool Basin					Formation Fruitland Coal			Unit	
Completion Date		Total Depth		Plug Back TD		Elevation		Farm or Lease Name Rosa Unit	
Casing Size		Weight	d	Set At	Perforations: From To		Well No. 337		
Tubing Size		Weight	d	Set at	Perforations: From To		Unit Sec Twp Rng K 32 31N 5W		
Type Well - Single - Bradenhead - GG or GO Multiple				Packer Set At			County Rio Arriba		
Producing Thru Tubing		Reservoir Temp. °F		Mean Annual Temp. °F		Barometer Pressure - P _a		State New Mexico	
L	H	Gg .6	%CO ₂	%N ₂	%H ₂ S	Prover 3/4"	Meter Run	Taps	

FLOW DATA					TUBING DATA		CASING DATA		
NO.	Prover Line	X	Orifice Size	Pressure p.s.i.q.	Temperature °F	Pressure p.s.i.q.	Temperature °F	Pressure p.s.i.q.	Temperature °F
1	SI		2" x 3/4"			1460	35°	1460	
2	1					327	53°	625	0.5 hr
3	2					242	81°	720	1.0 hr
4	3					258	82°	702	1.5 hrs
5	4					226	83°	675	2.0 hrs
6	5					238	82°	647	3.0 hrs

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor	Gravity Factor	Super Compress.	Rate of Flow
1	9.604		250	.9795	1.29	1.043	3164
2							
3							
4							

NO.	P _r	Temp. °F	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deq.
2					Specific Gravity Separator _____ XXXXXX
3					Specific Gravity Flowing Fluid _____ xxxxx
4					Critical Pressure _____ p.s.i.a. _____ p.s.i.a.
5					Critical Temperature _____ R _____ R

P _c 1472 P _c ² 2166784		RECEIVED DEC 15 1997 OIL CON. DIV. DIST. 3		
NO.	P ₁	P _w	P _w ²	P _c ² - P _w ²
1		659	434281	1732503
2				
3				
4				

Absolute Open Flow 3,742 Mcfd @ 15.025		Angle of Slope ϕ _____		Slope, n .75	
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Remarks:			
Approved By Commission:		Conducted By:	
Calculated By: Susan Griguhn		Checked By:	

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