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NOV 15 1999
OIL CON. DIV.
DIST. 3

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 Com**				
Test Type: ***X Initial*** **Annual** **Special**			Test Date: **11/7/1999**			Well Number: **#75**			
Completion Date: **10/29/1999**	Total Depth: **7097'**		Plug Back TD: **7070'**		Elevation: **6455'**	Unit: **O**	Sec: **04**	Twp: **31N**	Rng: **6W**
Casing Size: **4-1/2"**	Weight: **10.5#**	d	Set At: **7097'**	Perforations: **From 5651' To 6518'**		County: **San Juan**			
Tubing Size: **2-3/8"**	Weight: **4.7#**	d	Set At: **6891'**	Perforations: **From 6615' To 6993'**		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.g	Temperature oF	Pressure p.s.i.g	Temperature oF	Pressure p.s.i.g	Temperature oF	Duration of Flow
SI	**2" X 3/4"**			**1137**		**1138**		**0**
1				**364**	**57**	**1002**		**0.5 hr**
2				**349**	**58**	**964**		**1.0 hr**
3				**338**	**59**	**933**		**1.5 hrs**
4				**331**	**60**	**904**		**2.0 hrs**
5				**316**	**62**	**853**		**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**		**328**	**0.9981**	**1.29**	**1.03**	**4178**
2							
3							
4							

NO	Pr	Temp. oR	Tr	Z
1				
2				
3				
4				
5				
Pc	**1150**	Pc2	**1322500**	

Gas Liquid Hydrocarbon Ration ____ Mcf/bbl.
A.P.I Gravity of Liquid Hydrocabrons ____. Deq.
Specific Gravity Separator ____. XXXXXX
Specific Gravity Flowing Fluid xxxxxxxxxx
Critical Pressure ____ p.s.i.a. ____ p.s.i.a.
Critical Temperature ____ R ____ R

NO	Pt1	Pw	Pw2	Pc2-Pw2
1		**865**	**748225**	**574275**
2				
3				
4				

(1) Pc2 / Pc2-Pw2 = **2.3029037** (2) Pc2^n / Pc2-Pw2 = **1.8694198**

AOF = Q Pc2^n / Pc2 - Pw2 = **7810**

Absolute Open Flow **7810** Mcfd @ 15.025 Angle of Slope ____ Slope, n **0.75**

Remarks:

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Chic Charley	Tracy Ross	David Spitz