

Type Test							Test Date 07/28/94								
<input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special															
Company WILLIAMS PRODUCTION COMPANY					Connection										
Pool BLANCO					Formation MESAVERDE					Unit ROSA					
Completion Date 07/16/94			Total Depth			Plug Back TD			Elevation 6316' GR			Farm or Lease Name ROSA UNIT			
Casing Size			Weight		d	Set At		Perforations: From To			Well No. #32				
Tubing Size			Weight		d	Set at		Perforations: From To			Unit Sec Twp Rng H 21 31N 06W				
Type Well - Single - Bradenhead - GG or GO Multiple					Packer Set At 3920'					County RIO ARRIBA					
Producing Thru TUBING			Reservoir Temp. °F			Mean Annual Temp. °F			Barometer Pressure - P _a			State NEW MEXICO			
L	H	Gg	%CO ₂		%N ₂		%H ₂ S		Prover		Meter Run 2"	Taps			
FLOW DATA							TUBING DATA			CASING DATA					
NO.	Prover X Line Size	Orifice Size	Pressure p.s.i.g.		Temperature °F		Pressure p.s.i.g.		Temperature °F		Pressure p.s.i.g.		Temperature °F		Duration of Flow
SI	2" X 3/4"						1092								0
1.							248		58						.05 HR
2.							244		60						1.0 HR
3.							241		60						1.5 HRS
4.							238		61						2.0 HRS
5.							232		63						3.0 HRS
RATE OF FLOW CALCULATIONS															
NO.	Coefficient (24 Hour)		√h _w P _m		Pressure P _i		Flow Temp. Factor Ft		Gravity Factor Fg		Super Compress. Factor, Fpv		Rate of Flow Q,Mcf/d		
1.	9.604				244		.9971		1.270		1.02		3.027		
2.															
3.															
4.															
5.															
NO.	P _r	Temp. °F	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.										
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.										
2.					Specific Gravity Separator GAS .62 XXXXXXXX										
3.					Specific Gravity Flowing Fluid xxxxxx										
4.					Critical Pressure _____ p.s.i.a. _____ p.s.i.a.										
5.					Critical Temperature _____ R _____ R										
P _c 1104 P _c ² 1,218,816															
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.0513}{}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0434$										
1.		244	59.536	1.159,280	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3,158$										
2.															
3.															
4.															
Absolute Open Flow 3,158 Mcfd @ 15.025					Angle of Slope e _____					Slope, n 0.85					
Remarks:															
Approved By Commission:				Conducted By: C. CHARLEY				Calculated By: STERGIE KATIRGIS				Checked By:			