

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

Form C-122

Type Test ☒ Initial ☐ Annual ☐ Special										Test Date 9-8-95	
Company Williams Production Company					Connection						
Pool Blanco					Formation Mesaverde					Unit Rosa	
Completion Date 8-29-95		Total Depth 5945'		Plug Back TD 5920'		Elevation 6365'		Farm or Lease Name			
Casing Size		Weight d		Set At		Perforations: From To		Well No. 150			
Tubing Size		Weight d		Set at		Perforations: From To		Unit Sec Twp Rng F 32 32N 6W			
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	Gq .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	Duration of
SI		2" X 3/4"			1041		1039		0
1.					368	64°	914		0.5 hr
2.					354	68°	874		1.0 hr
3.					344	71°	841		1.5 hrs
4.					324	74°	821		2.0 hrs
5.					314	75°	786		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		326	.9859	1.29	1.048	4.173
2.							
3.							
4.							

NO.	P _r	Temp. °R	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 _____ xxxxxx
4.					Critical Pressure _____ p.s.i.a. _____ p.s.i.a.
5.					Critical Temperature _____ R _____ R

NO.	P _r ¹	P _w	P _w ²	P _c ² - P _w ²	$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \frac{2.3613}{1.9049}$ $(2) \frac{[P_c^2 - P_w^2]^n}{P_c^2 - P_w^2} = 1.9049$ $AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 7949$
1.		798	636804	467797	
2.					
3.					
4.					

Absolute Open Flow 7949 Mcfd @ 15.025		Angle of Slope ° _____ Slope, n .75	
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Remarks: _____			
Approved By Commission: _____		Conducted By: _____	
Calculated By: Susan Griguin		Checked By: _____	