

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

Form C-122

RECEIVED

OCT 19 1995

Type Test ☒ Initial ☐ Annual ☐ Special Test Date 9-22-95									
Company Williams Production Company					Connection DIV.				
Pool Blanco					Formation Mesaverde			Unit Rosa Com	
Completion Date		Total Depth		Plug Back TD		Elevation		Farm or Lease Name	
Casing Size		Weight	d	Set At	Perforations: From To		Well No. 90A		
Tubing Size		Weight	d	Set at	Perforations: From To		Unit	Sec	Twp Rng
						XG 33		32N	6W
Type Well - Single - Bradenhead - GG or GO Multiple				Packer Set At			County		
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"			962		960		0
1.					312	61°	809		0.5 hr
2.					288	65°	761		1.0 hr
3.					263	66°	732		1.5 hrs
4.					253	67°	709		2.0 hrs
5.					223	69°	680		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		235	.9915	1.29	1.023	2.953
2.							
3.							
4.							

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

P _c 972 P _c 944784 NO. P _c ¹ P _w P _w ² P _c ² - P _w ²					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.0278$ (2) $\frac{[P_c^2 - P_w^2]^n}{P_c^2 - P_w^2} = 1.6993$ AOF = Q $\left[\frac{P_c}{P_c^2 - P_w^2} \right] = 5018$
1.		692	478864	465920	
2.					
3.					
4.					

Absolute Open Flow 5018 Mcfd @ 15.025		Angle of Slope °		Slope, n .75	
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Remarks:			
Approved By Commission:	Conducted By:	Calculated By: Susan Griguhn	Checked By: