

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 4/15/88	
Company TENNECO OIL COMPANY				Connection	
Pool BLANCO				Formation MESA VERDE	
Completion Date		Total Depth		Plug Back TD 5450	
Elevation		Farm or Lease Name MESA VERDE STRAT		Well No. #3	
Ceq. Size 5.5		Wt. 15.5		Set At 5485	
Perforations: From 4702 To 5426		Perforations: From To		Unit 21	
Thq. Size 2.375		Wt. 4.7		Set At 5425	
Perforations: From To		Unit 21		Sec. 29N	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple SINGLE		Packer Set At		County SAN JUAN	
Producing Thru		Reservoir Temp. °F p		Mean Annual Temp. °F	
Baro. Press. - P _g		State NEW MEXICO			
L		H		Gg	
% CO ₂		% N ₂		% H ₂ S	
Prover		Meter Run		Taps	
FLOW DATA					
TUBING DATA					
CASING DATA					
Duration of Flow					
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w
1.		.750			
2.					
3.					
4.					
5.					
RATE OF FLOW CALCULATIONS					
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg
1.	11.0		196	1.003	1.217
2.					
3.					
4.					
5.					
NO.	P _r	Temp. °R	T _g	Z	Gas Liquid Hydrocarbon Ratio
1.	0.292	517	1.353	0.958	A.P.I. Gravity of Liquid Hydrocarbon
2.					Specific Gravity Separator Gas
3.					Specific Gravity Flowing Fluid
4.					Critical Pressure
5.					Critical Temperature
P _c 572 P _c ² 327,184					
NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 5.030$
1.		512	262.144	65.040	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3.3587$
2.					
3.					
4.					
5.					
Absolute Open Flow 10.993 Mcld @ 15.025 Angle of Slope 0 Slope, n .75					
Remarks:					
Approved By Division					
Conducted By: JACK BIRCHFIELD					
Calculated By: JACK BIRCHFIELD					
Checked By:					