

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 3/18/85		RECEIVED APR 15 1985		
Company Tenneco Oil Company					Connection				
Pool Basin					Formation Dakota		Unit DIST. 1		
Completion Date			Total Depth 7255		Plug Back TD 7251		Elevation		
Farm or Lease Name Florance					Well No. 2E				
Csg. Size/ 4 1/2		Wt. d		Set At 3174 7252		Perforations: From 7042 To 7214		Unit Sec. Twp. Rge. 0 20 30 9	
Tng. Size		Wt. d		Set At		Perforations: From To			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple					Packer Set At		County San Juan		
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L		H		Cg .700		% 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	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							1995		2008	
1.	2 x 6 x .75						86		452	52
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	11		98	1.008	1.195	1.0101	1311
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	.14	512	1.30	.98	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _r	P _w	P _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$
1		464	215296	3865104	1.0557	1.0415
2						
3						
4						
5						

Absolute Open Flow _____ 1365 _____ Mcfd @ 15.025				Angle of Slope @ _____		Slope, n .75	
Remarks: _____							
Conducted By: _____ Calculated By: _____ Checked By: _____							