

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 5-6-83	
Company Robert L. Bayless				Connection El Paso Natural Gas Co.		
Pool Basin				Formation Dakota		Unit
Completion Date 4-29-83		Total Depth 6525'		Plug Back TD 6510		Elevation 5823 GL
Farm or Lease Name Stribling Com		Well No. 1				
Csg. Size 4.500	Wt. 11.6	d 4.000	Set At 6524	Perforations: From 6313 To 6468		Unit N
Thg. Size 2.375	Wt. 4.7	d 1.995	Set At 6338	Perforations: From Open To ended		Sec. 31
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Single				Packer Set At None		Twp. 31N
Producing Thru tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		Age 13W
Baro. Press. - P _a 12 psia		State New Mexico		County San Juan		
L	H	Gg .650	% CO ₂	% N ₂	% H ₂ S	Prover
Meter Run		Taps				
FLOW DATA				TUBING DATA		CASING DATA
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F
SI	7 days					
1.	2 inch	.750	153			
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}
1	12.3650		165	1.000	.9608	1.015
2.						
3.						
4.						
5.						
RECEIVED						
NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio Mct/bbl.	
1					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	
P _c 1987 P _c ² 3948169						
NO	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0747$	
1		524	274576	3673593	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0555$	
2						
3						
4						
5						
Absolute Open Flow 2101 Mctd @ 15.025 Angle of Slope θ Slope, n .75						
Remarks: Dry gas with a mist of water and show of oil						
Approved By Division		Conducted By: Kevin McCord		Calculated By: Kevin McCord		Checked By: Robert L. Bayless