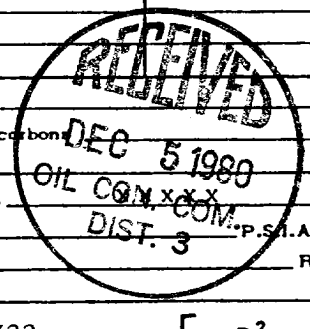


MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 12-2-80	
Company El Paso Natural Gas Company				Connection Northwest Pipeline Corp.			
Pool Blanco				Formation Mesa Verde		Unit San Juan 27-5	
Completion Date 11-25-80		Total Depth 5854		Plug Back TD 5837		Elevation 6512 GR	
Csg. Size 7.000		Wt. 20.0		d 6.456		Set At 3581	
Tbg. Size 2.375		Wt. 4.7		d 1.995		Set At 5690	
Perforations: From *4882 To 5712				Well No. #56A			
Perforations: From To				Unit Sec. Twp. Rge. E 34 27 5			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual						Packer Set At 3434	
Producing Thru Tbg.		Reservoir Temp. °F P		Mean Annual Temp. °F		Baro. Press. - P _a 12	
L		H		G _g 0.670		% 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	Press. p.s.i.g.
SI							911
1.	Choke		0.75	70		66	
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	12.365		82	0.9943	0.9463	1.009	963
2.							
3.							
4.							
5.							
NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.		
1.					A.P.I. Gravity of Liquid Hydrocarbon _____ Deg.		
2.					Specific Gravity Separator Gas _____		XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____		
4.					Critical Pressure _____ P.S.I.A.		
5.					Critical Temperature _____ R		
							
P _c 923		P _c ² 851929					
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0322$		
1	6724	163	26569	825360	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0240$		
2							
3							
4							
5							
Absolute Open Flow 986 Mcfd @ 15.025					Angle of Slope θ		Slope, n 0.75
Remarks: 4.500" Liner From 3423 to 5854. Gas Vented = 119 MCF							
The Well Produced No Liquids During The Test.							
Approved By Division		Conducted By: Knox Hedgecoke		Calculated By: H. E. McAnally		Checked By:	