

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 1-17-83	
Company Turner Production Co.				Connection El Paso Natural Gas Co.	
Pool So. Blanco				Formation Pictured Cliff	
Completion Date 1-8-83		Total Depth		Elevation	
Csg. Size 4.500		ID 11.35		Perforations: From 2335 To 2362	
Tub. Size 1.660		ID 2.4		Perforations: From Open To Ended	
Type Well - Single - Drivenhead - G.C. or G.O. Multiple Single				Packer Set At	
Producing Thru Tubing		Reservoir Temp. °F		Baro. Press. - P _g 12 psia (est)	
L		H		Prover	
Cg .650		% CO ₂		% N ₂	
Cg		% H ₂ S		Meter Run	
Taps		County Rio Arriba		State New Mexico	

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	2 days						738		739		
1.	2 inch		.750	19			19	48°	188		3 hours
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	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		31	1.0117	.9608	1.000	373
2.							
3.							
4.							
5.							

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

P_c 751		P_c^2 564001			$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0763$	$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.06452$
NO	P_i^2	P_w	P_w^2	$P_c^2 - P_w^2$		
1		200	40,000	524001	$ACF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 397$	
2						
3						
4						

ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 397$

Absolute Open Flow 397 Mcfd @ 15.025 Angle of Slope @ _____ Slope, n .85

Remarks: _____

Approved By Division	Conducted By: Joe Elledge	Calculated By: Joe Elledge	Checked By: Fred Turner
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