

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Test Type: ☒ Initial ☐ Annual ☐ Special Test Date: 2-25-80									
Company: El Paso Natural Gas Co.					Connection:				
Well: Blanco					Formation: Mesa Verde				
Completion Date: 2-16-80		Total Depth: 4810		Plug Back TD: 4792		Elevation:		Form or Lease Name: Riddle F	
Csg. Size: 4.500	Wt.: 10.5	d: 4.052	Set At: 4810	Perforations: From 3756 To 4760		Well No.: #3A			
Fig. Size: 2.375	Wt.: 4.7	d: 1.995	Set At: 4742	Perforations: From To		Unit: F Sec: 20 Twp: 28 Rge: 8			
Type Well - Single - Blindhead - G.G. or G.O. Multiple: Single					Packer Set At:		County: San Juan		
Producing Thru:		Reservoir Temp. °F:		Mean Annual Temp. °F:		Baro. Press. - P _a :		State: New Mexico	
L:	H:	G _g :	% 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.	Temp. °F	
SI							697		899		9 Days
1.											
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_{in}}$	Pressure P _m	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, F _{sp}	Rate of Flow Q, Mscf/d
1							
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	XXXXXX
3					Specific Gravity Flowing Fluid	XXXXXX
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	°R

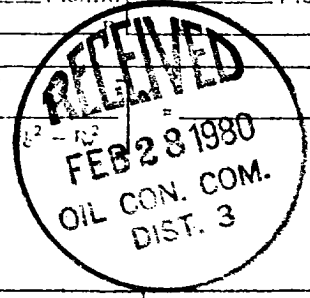
NO.	P _r	P _w	P _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$	(2) $\left[\frac{P_r^2 - P_w^2}{P_r^2 - P_w^2} \right]^n =$
1						
2						
3						
4						
5						

AOIF = Q $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$

Absolute Open Flow _____ Mcf/d @ 15.025

Angle of Slope θ _____

Slope, n _____



Approved by Division	Conducted by: N. Waggoner	Calculated by: C.R. Wagner	Checked by:
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