

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 3-4-82	
Company Amoco Production Company				Connection El Paso Natural Gas Company	
Pool Flora Vista				Formation Mesaverde	
Completion Date 2-11-80		Total Depth 4726		Plug Back TD 4620	
Elevation 5701 GL		Farm or Lease Name Johnson Gas Com "E"			
Csg. Size 4.50	Wt. 10.5	d 4.052	Set At 4725	Perforations: From 3904 To 4565	
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 4561	Perforations: From open To ended	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tubing				County San Juan	
Reservoir Temp. °F p		Mean Annual Temp. °F		State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S
Prover		Meter Run		Taps	
FLOW DATA					
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w
SI	7 Days				
1.					
2.					
3.					
4.					
5.					
TUBING DATA					
	Press. p.s.i.g.	Temp. °F			
	5				
CASING DATA					
	Press. p.s.i.g.	Temp. °F			
	880				
RATE OF FLOW CALCULATIONS					
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg
1					
2					
3					
4					
5					
NO.	R _t	Temp. °R	T _f	Z	Gas-Liquid Hydrocarbon Ratio
1					A.P.I. Gravity of Liquid Hydrocarbons
2					Specific Gravity Separator Gas
3					Specific Gravity Flowing Fluid
4					Critical Pressure
5					Critical Temperature
Mcf/bbl. Deg. XXXXXXXXXX XXXXX P.S.I.A. P.S.I.A. R R					
P_c^2					
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					
2					
3					
4					
5					
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$					
(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$					
Absolute Open Flow _____ Mcfd @ 15.025					
Angle of Slope θ _____ Slope, n _____					
Remarks: Beam pump installed to remove produced fluids.					
Approved By Division		Conducted By: J. J. Barnett		Calculated By:	
				Checked By: 	

