

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☒ Special						Test Date 1-13-83			
Company Amoco Production Company				Connection El Paso Natural Gas Company					
Pool Otero				Formation Chacra				Unit	
Completion Date 12-23-82		Total Depth 5460		Plug Back TD 5409		Elevation 6664 GL		Farm or Lease Name Jicarilla Gas Com 155A	
Csq. Size 5.500	Wt. 15.5	d 4.950	Set At 5460	Perforations: From 3864 To 3976			Well No. 1		
Tng. Size 1.660	Wt. 2.33	d 1.380	Set At 3971	Perforations: From Perf orange To peel			Unit Sec. Twp. Rge. H 32 26 5		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual				Packer Set At 4030		County Rio Arriba			
Producing Thru Tubing		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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	7 Days						858		858	
1.	2.375		.750				82		453	
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		94	1.000	.9608	1.003	1120
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.J. 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 870	P _c ² 756900	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3999$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3310$
NO.	P _t ²	P _w	P _w ²
1		465	216225
2			
3			
4			
5			

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1491$

**OIL CON. DIV.
DIST. 3**

Absolute Open Flow	1491	Mcfd @ 15.025	Angle of Slope @ _____	Slope, n .85
Remarks:				

Approved By Division	Conducted By:	Calculated By:	Checked By: <i>QB</i>
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