

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 02 08 80	
Company AMOCO PRODUCTION COMPANY				Connection EL PASO NATURAL GAS COMPANY		
Pool BLOOMFIELD CHACRA				Formation CHACRA		Unit
Completion Date 01 25 80		Total Depth 2954		Plug Back TD 2913		Elevation 5433 GL
Csg. Size 4.500		Wt. 10.5		d 4.052		Set At 2954
Perforations: From 2746 To 2761		Well No. 1				
Tbg. Size 2.375		Wt. 4.7		d 1.995		Set At 2768
Perforations: From open To ended		Unit Sec. Twp. Rge. K 23 29 11				
Type Well - Single - Brdenhead - G.G. or G.O. Multiple SINGLE				Packer Set At NONE		County SAN JUAN
Producing Thru TUBING		Reservoir Temp. °F 8		Mean Annual Temp. °F		State NEW MEXICO
L	H	Gg	% 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	7 days						1040		1045		3 hrs
1.	2.375	.750					380		637		
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	12.365		392	1.000	9608	1.040	4843
2.							
3.							
4.							
5.							

NO.	P _t	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 _____ XXXX
4					Critical Pressure _____ P.S.I.A.
5					Critical Temperature _____ °R

P _c 1057		P _c ² 1117249		(1) $\frac{P_c^2}{P_e^2 - P_w^2} = \underline{1.6051}$	
NO	P _t ²	P _w	P _w ²	P _e ² - P _w ²	(2) $\frac{P_e^2}{P_e^2 - P_w^2} = \underline{1.4260}$
1		649	421201	696048	
2					
3					
4					
5					

Absolute Open Flow 6906		Mcf @ 15.025		Angle of Slope @ _____		Slope, n .75	
Remarks:							

Approved By Division	Conducted By: JJB	Calculated By: J J BARNETT	Checked By: B E FACKRELL
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