

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 06 10 80	
Company AMOCO PRODUCTION CO.				Connection EL PASO NATURAL GAS CO.		
Pool BLANCO				Formation MESAVERDE		Unit
Completion Date 05 24 80		Total Depth 4850		Plug Back TD 4805 58		Elevation 5706GL
Csg. Size 4.500		Wt. 11.6	d 4.000	Set At 4850	Perforations: From 4002 To 4725	
Tbg. Size 2.375		Wt. 4.7	d 1.995	Set At 4746	Perforations: From open To ended	
Type Well - Single - Bradenhead - G.G. or G.C. Multiple SINGLE				Packer Set At NONE		Well No. 1R
Producing Thru TUBING		Reservoir Temp. °F θ		Mean Annual Temp. °F		County SAN JUAN
				Baro. Press. - P _g		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	11 days						578		594		3 hrs
1.	2.375		.750				280		572		
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		292	1.000	.9608	1.029	3570
2.							
3.							
4.							
5.							

NO.	P _g	Temp. °R	T _g	Z	Gas Liquid Hydrocarbon Ratio	Mcfd/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons	Den.
2.					Specific Gravity Separator Gas	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	P

P _c 606	P _c ² 367236	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \mathbf{14.0273}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{7.2482}$
NO.	P _w ²	P _w	P _c ² - P _w ²
1	584	341056	26180
2			
3			
4			
5			

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks:			
Approved By Commission: _____ Conducted By: JJB Calculated By: J J BARNETT Checked By: R A DOWNEY			