

**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 12-3-81				
Company Amoco Production Company				Connection El Paso Natural Gas Company					
Pool Basin				Formation Dakota				Unit	
Completion Date 10-26-81		Total Depth 6202		Plug Back TD 6180		Elevation 5801 GL		Farm or Lease Name Gallegos Canyon Unit	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6202	Perforations: From 6090 To 6146				Well No. 166E	
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 6131	Perforations: From open To ended				Unit Sec. Twp. Rge. E 34 28N. 12W	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single					Packer Set At None		County San Juan		
Producing Thru Tubing		Reservoir Temp. °F A		Mean Annual Temp. °F		Baro. Press. - P _a		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.	
SI	15 Days						730		840	
1.	2.375		.750				108		576	3 hrs
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		120	1.000	.9258	1.013	1392
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	_____ Deg.
2.					Specific Gravity Separator Gas	XXXXXXX
3.					Specific Gravity Flowing Liquid	XXXXX
4.					Critical Pressure	P.S.I.A. _____ P.S.I.A. _____
5.					Critical Temperature	R _____ R _____

P _c 852	P _c ² 725904					
NO.	P _t	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.9095$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.6244$
1		588	345744	380160		
2						
3						
4						
5						

Absolute Open Flow 2261		Mcf @ 15.025	Angle of Slope θ	Slope, n .75
Remarks:				
Approved By Commission	Conducted By J. J. Barnett	Calculated By J. J. Barnett	Checked By	GP