

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 12-11-81			
Company Amoco Production Company				Connection El Paso Natural Gas Company					
Pool Basin				Formation Dakota				Unit	
Completion Date 11-20-81		Total Depth 6306		Plug Back TD 6265		Elevation 5577 GL		Farm or Lease Name Gallegos Canyon Unit	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6306	Perforations: From 5964 To 6100		Well No. 203E			
Trg. Size 2.375	Wt. 4.7	d 1.995	Set At 6118	Perforations: From open To ended		Unit Sec. Twp. Rge. P 13 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 P		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.	Temp. °F	
(SI) 10 Days							583		645		
1.	2.375		.750				136		446		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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		148	1.000	.9258	1.017	1723
2.							
3.							
4.							
5.							

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

DEC 22 1981
OIL CON. COM.
DIST. 3

P _c 657	P _c ² 431649	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.9454$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.6472$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	458	209764	221885
2			
3			
4			
5			

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2838$

Absolute Open Flow	2838	Mcf @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks:

Approved by Commission	Conducted By J. J. Barnett	Calculated By J. J. Barnett	Checked By
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