

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

Form C-122
 Revised 9-7-65

Type Test ☒ Initial ☐ Annual ☒ Special						Test Date 2-1-82	
Company Amoco Production Company				Connection El Paso Natural Gas Company			
Pool Basin				Formation Dakota		Unit	
Completion Date 1-7-82		Total Depth 6944		Plug Back TD 6882		Elevation 5798 GL	
Farm or Lease Name Chrisman Gas Com							
Csg. Size 5.500	Wt. 17	d 4.892	Set At 6944	Perforations: From 6680 To 6752		Well No. 1E	
Thc. Size 2.063	Wt. 3.25	d 1.751	Set At 6746	Perforations: From open To ended		Unit Sec. Twp. Rye. D 11 30N 12W	
Type Well - Single - Bradenhead - G.O. or G.O. Multiple Dual				Packer Set At 6099		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F θ		Mean Annual Temp. °F		Baro. Press. - P _a 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	14 Days						1490		X		
1.	2.375		.750				120		X		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, F _{sp}	Rate of Flow Q, Mcfd
1	12.365		132	1.000	.9258	1.015	5134 / 1537
2.							
3.							
4.							
5.							

NO.	P _f	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 _____ 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 1502	P _c ² 2256004		
NO.	P _f	P _w	P _w ²
1		349	121801
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.0571}{1.0571 - 1.0571} = 1.0571$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1599$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.0425}{1.0425 - 1.0425} = 1.0425$$

Absolute Open Flow 1599	Mcf/d @ 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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