

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

Form C-122
 Revised 9-1965

Type Test ☒ Initial ☐ Annual ☒ Special						Test Date 12-22-80			
Company Amoco Production Company				Connection El Paso Natural Gas Company					
Pool Basin				Formation Dakota				Unit	
Completion Date 11-29-80		Total Depth 7111		Plug Back TD 7050		Elevation 5761		Farm or Lease Name Elliott Gas Com "R"	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 7111	Perforations: From 6818 To 6954			Well No. 1E		
Tub. Size 2.375	Wt. 4.7	d 1.995	Set At 6965	Perforations: From open To ended			Unit C	Sec. 34	
Type Well - Single - Bradenhead - 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		Baro. Press. - P _a		State New Mexico	
L	H	G _g	% 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	13 days						1585		1590		3 hrs
1.	2.375		.750				46		256		
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		58	1.000	.9258	1.007	669
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	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXXX
4.					Critical Pressure	P.S.I.A. _____ P.S.I.A. _____
5.					Critical Temperature	°R _____ °R _____

P _c 1602 P _c ² 2566404		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0288$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0215$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	268	71824	2494580
2			
3			
4			
5			

Absolute Open Flow 683		Mcf @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks: Light H₂O

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