

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

Form C-122
Revised 9-1-83

Type Test ☒ Initial ☐ Annual ☒ Special						Test Date 5-17-83			
Company Amoco Production Company				Connection El Paso Natural Gas Company					
Pool Basin				Formation Dakota				Unit	
Completion Date 3-28-83		Total Depth 7045		Plug Back TD 7036		Elevation 6048 GL		Farm or Lease Name State Gas Com "BC"	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 7045	Perforations: From 6854 To 7030		Well No. 1E			
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 6847	Perforations: From open To ended		Unit Sec. Twp. Rge. G 32 31 12			
Type Well - Single - Bradenhead - G.G. 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	40 Days						1920		1920	
1.	2.375		.750				120		560	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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcf/d
1	12.365		132	1.000	.9258	1.015	1534
2.							
3.							
4.							
5.							

NO.	P _r	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 _____ 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 1932	P _c ² 3732624	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0961$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0712$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	572	327184	3405440
2			
3			
4			
5			

Absolute Open Flow 1643		Mcf/d @ 15.025	Angle of Slope @ _____	Slope, n .75
Remarks: Completed by True Drilling Co.				
Approved By Commission:	Conducted By:	Calculated By:	Checked By:	