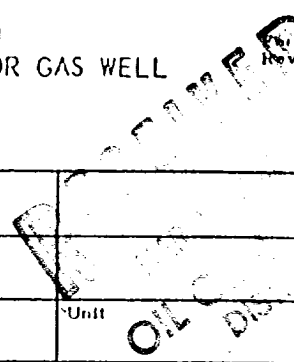


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input checked="" type="checkbox"/> Special		Test Date 2-16-83	
Company Amoco Production Company		Connection El Paso Natural Gas Company	
Pool Basin		Formation Dakota	
Completion Date 1-29-83		Total Depth 6254	
Plug Back TD 6204		Elevation 5445 GL	
Farm or Lease Name Carson Gas Com		Well No. 1E	
Csg. Size 4.500	Wt. 11.6	d 4.000	Set At 6255
Perforations: From 6046 To 6152		Well No. 1E	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6149
Perforations: From open To ended		Unit F	
Type Well - Single - Broadhead - G.C. or G.O. Multiple Single		Packer Set At None	
Producing Thru Tubing		County San Juan	
Reservoir Temp. *F #		State New Mexico	
Mean Annual Temp. *F		Baro. Press. - P _a	
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. hw	Temp. *F	Press. p.s.i.g.	Temp. *F		Press. p.s.i.g.
SI	10 Days						1085		1085	
1.	2.375		.750				164		472	
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		176	1.000	.9258	1.020	2055
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 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

F _c 1097		F _c ² 1203409	
NO.	P _f	P _w	P _w ²
1		484	234256
2			
3			
4			
5			

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2417$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1763$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2417$

Absolute Open Flow 2417 Mcfd @ 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: