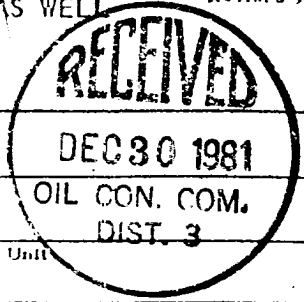


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-172
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 12-16-81	
Company Amoco Production Company				Connection El Paso Natural Gas Company	
Pool Bloomfield				Formation Chacra	
Completion Date 11-16-81		Total Depth 6591		Plug Back TD 6545	
Elevation 6043 GL		Farm or Lease Name Martin Gas Com "C"			
Csg. Size 5.500	Wt. 15.5	d 4.950	Set At 6591	Perforations: From 3018 To 3031	
Well No. 1E					
Tbg. Size 1. 1/4	Wt. 2.4	d 1.660	Set At 3037	Perforations: From perf To sub	
Unit 0		Sec. 11		Twp. Rye 27N 10W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual				Packer Set At 3150	
Producing Thru Tubing		Reservoir Temp. *F #		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	7 Days						537		765		
1.	2.375		.750				52		457		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, Mcfd
1	12.765		64	1.000	.9608	1.005	764
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 777	P _c ² 603729	(1) $\frac{P_c^2}{P_e^2 - P_w^2} = 1.6130$	(2) $\left[\frac{P_c^2}{P_e^2 - P_w^2} \right]^n = 1.4313$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	479	229441	374288
2			
3			
4			
5			

$AOF = Q \left[\frac{P_c^2}{P_e^2 - P_w^2} \right]^n = 1094$

$\frac{P_c^2}{P_e^2 - P_w^2} = 1.6130$

Absolute Open Flow 1094	Mcf @ 15.025	Angle of Slope @ _____	Slope, n .75
-------------------------	--------------	------------------------	--------------

Remarks: _____

Approved By Commission	Conducted By J. J. Barnett	Calculated By J. J. Barnett	Checked By JB
------------------------	-------------------------------	--------------------------------	------------------