

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

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 12-8-81					
Company Amoco Production Company				Connection El Paso Natural Gas					
Pool Basin				Formation Dakota					
Completion Date 11-9-81		Total Depth 6615		Plug Back TD 6566		Elevation 6158		Farm or Lease Name Jack Frost "B"	
Csg. Size 7.000	Wt. 26	d 6.276	Set At 6615	Perforations: From 6369 To 6508		Well No. 1E			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6508	Perforations: From open To ended		Unit Soc. Twp. Rge. M 27 27N 10W			
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single				Packer Set At Lockset Packer 5932		County San Juan			
Producing Thru Tubing		Reservoir Temp. °F p		Mean Annual Temp. °F p		Base. Press. - P _g p		State New Mexico	
L	H	Gg	% CO ₂	% H 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	
51	7 Days						1197		X		
1.	2.375		.750				270		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 F _L	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		282	1.000	.9258	1.033	3335
2.							
3.							
4.							
5.							

NO.	P _i	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 1209	P _c ² 1461681	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3225$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2332$
NO.	P _i	P _w	P _w ²
1		597	356409
2			
3			
4			
5			

Absolute Open Flow 4113		Mcf @ 15.025	Angle of Slope @ _____	Slope, n .75
Remarks: Slicing sleeve at 5832				
Approved By Commission	Conducted By J. J. Barnett	Calculated By J. J. Barnett	Checked By	

