

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 01-03-80	
Company AMOCO PRODUCTION COMPANY				Connection EL PASO NATURAL GAS COMPANY			
Pool BASIN				Formation DAKOTA		Unit	
Completion Date 12-16-79		Total Depth 6920		Plug Back TD 6894		Elevation 5685GL	
Farm or Lease Name HEATH GAS COM							
Csg. Size 4.500	Wt. 11.6	d 4.000	Set At 6920	Perforations: From 6597 To 6860		Well No. H NO. 1E	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6855	Perforations: From open To ended		Unit Sec. Twp. Rge. H 8 29 9	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE				Packer Set At NONE		County SAN JUAN	
Producing Thru		Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _a NEW MEXICO	
L TUBING	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	11 days						1712		1722		3 hrs
1.	2.375		.750				190		767		
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		202	1.000	.9258	1.023	2366
2.							
3.							
4.							
5.							

NO.	P _t	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 1734	P _c ² 3006756	(1) $\frac{P_c^2}{P_e^2 - P_w^2} = \underline{1.2529}$	(2) $\left[\frac{P_c^2}{P_e^2 - P_w^2} \right]^n = \underline{1.1842}$
NO.	P _t ²	P _w	P _w ²
1		779	606861
2			
3			
4			
5			

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope θ _____		Slope, n .75	
Remarks: _____					
Approved By Commission:		Conducted By: JJB		Calculated By: J J BARNETT	
				Checked By: B E FACKRELL	