

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

Form C-122
 Revised 9-18-75

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 4/7/79	
Company Amoco Production Company				Connection El Paso Natural Gas Company			
Pool Basin				Formation Dakota		Unit	
Completion Date 1-18-79		Total Depth 7500		Plug Back TD		Elevation 6106	
Farm or Lease Name Elliott Gas Com X							
Csg. Size 4.50	Wt. 10.5	d 4.052	Set At 7481	Perforations: From 7462 To 7342		Well No. 1	
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 7258	Perforations: From Open To Ended		Unit Sec. Twp. Rge. I 9 30N 9W	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single				Packer Set At None		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _a New Mexico	
L	H	Gg .70	% 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	9 Days						2060		2045		
1.	2.375		.750				16	60	300		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 Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		28	1.000	.9258	1.004	322
2.							
3.							
4.							
5.							

NO.	P _t	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

NO.	P _t ²	P _w	P _w ²	P _t ² - P _w ²	(1) $\frac{P_c^2}{P_t^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n =$
1		312	97344	4195840	1.0232	1.0174
2						
3						
4						
5						

Absolute Open Flow 328 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

AOF = Q $\left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n =$ 328

Approved By Commission: _____ Conducted By: R. A. Conner Calculated By: R. A. Conner Checked By: B. E. Fackrell