

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 7/10/78	
Company Amoco Production Company				Connection El Paso Natural Gas Company		
Pool Basin				Formation Dakota		Unit
Completion Date 7/2/78		Total Depth 8510		Plug Back TD 8390		Elevation 7109
Farm or Lease Name Valencia Canyon Unit						Well No. 35
Csg. Size 4.500	Wt. 11.6	d 4.000	Set At 8501	Perforations: From 8346 To 8363		Unit M
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 8353	Perforations: From Open To Ended		Sec. Twp. Rge. 34 28 4
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County Rio Arriba
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		State 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	8 days						2196		2181		
1.	2.375		0.750				20	60	200		
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	12.365		32	.9905	.9608	1.011	381
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 2208	P _c ² 4875264	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0093$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0070$
NO.	P _t ²	P _w	P _w ²
1		212	44944
2			
3			
4			
5			

Absolute Open Flow 384 Mcfd @ 15.025		Angle of Slope ϕ _____	Slope, n .75
Remarks: _____			
Approved By Commission:	Conducted By: TMO/TLL	Calculated By: T. M. Oliver	Checked By: J. L. Krupka