

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

Form C-122
 Revised 9-1-66

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 11/1/78	
Company Amoco Production Company			Connection El Paso Natural Gas Company		
Pool Blanco			Formation Mesaverde		Unit
Completion Date 10/20/78		Total Depth 8510	Plug Back TD 8390		Elevation 7109
Farm or Lease Name Valencia Canyon					
Csg. Size 4.500	W. 10.5	d 4.052	Set At 8501	Perforations: From 5846 To 6309	
Well No. 35					
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6330	Perforations: From Open To Ended	
Unit Sec. Twp. Rge. M 34 28N 4W					
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At	
County Rio Arriba					
Producing Thru Tubing		Reservoir Temp. °F 8	Mean Annual Temp. °F		Baro. Press. - P _a
State New Mexico					
L	H	Gg .65	% CO ₂	% N ₂	% H ₂ S
Prover			Meter Run		
Taps					

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	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	12 Days					1125		1173		
1.	2.375	.750				254	60	574		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		266	1.000	0.9608	1.027	3245
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	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 1185	P _c ² 1404225				(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.33371$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.23408$
NO.	P _w	P _w ²	P _c ² - P _w ²			
1	586	343396	1060829			
2						
3						
4						
5						

Absolute Open Flow _____ Mcfd @ 15.025				Angle of Slope θ _____		Slope, n .75	
Remarks:							
Approved By Commission:		Conducted By: RAC		Calculated By: R. A. Conner		Checked By: J. L. Krupka	