

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 4-12-78	
Company Amoco Production Company				Connection El Paso Natural Gas		
Pool Blanco				Formation Mesa Verde		Unit
Completion Date 4-5-78		Total Depth 4459		Plug Back TD 4414		Elevation 5397
Csg. Size 7.000		Set At 2366		Perforations: From 3618 To 4354		Farm or Lease Name Martinez Gas Com I
Tub. Size 2.575		Set At 4347		Perforations: From Open To Ended		Well No.
Type Well: ☒ Single - ☐ Headhead - ☐ G.O. Multiple						Unit 1 Sec. 24 Twp. 29 Rge. 10
Producing Thru Tubing		Reservoir Temp. °F 65		Mean Annual Temp. °F None		State San Juan
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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F
1.	7 days						1016		1016	
2.	2.375	0.750					120	60	440	3 hrs.
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		132	1.000	.9608	1.012	1587
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	P _c	P _w	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \mathbf{1.2397}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{1.1749}$
1.						
2.						
3.						
4.						
5.						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{1864}$

Absolute Open Flow **1864** Mcfd @ 15.025 Angle of Slope ϕ _____ Slope **.75**

Remarks: **4.5" , 10.5" liner set 2200'-4459'**

Approved By Commission:	Conducted By: T.M. Oliver	Calculated By: TMO/WBB	Checked By: J.L. Krupka
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