

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 1-31-77	
Company AMOCO PRODUCTION COMPANY				Connection El Paso Natural Gas Co.			
Pool Blanco				Formation Mesaverde		Unit	
Completion Date 1-22-77		Total Depth 4775		Plug Back TD 4730		Elevation 5639' GL	
Farm or Lease Name Jaquez Gas Com "B"						Well No. 1-A	
Csg. Size 7.000	Wt. 20	d 6.456	Set At 2650	Perforations: From 3863 To 4582		Unit 1-A	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 4561	Perforations: From Open To Ended		Unit Sec. 4 Twp. 29 Rge. 9	
Type Well - Single - Bridghead - C.G. or G.O. Multiple Single				Packer Set At None		County San Juan	
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a	
L .65		H		Gg		State New Mexico	
				% 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.	
SI	9 days						530		700	
1.	2.375"		.750				140	60°	480	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		152	1.000	.9608	1.014	1831
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

NO.	P _t	P _w	P _c	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1	712	492	506,944	264,880	1.9139	1.6272
2.						
3.						
4.						
5.						

Absolute Open Flow 2979 Mcfd @ 15.025		Angle of Slope θ _____ Slope, n .75	
Remarks: 4.500" 10.5# liner set at 2448-4775'			

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: Oliver/ Cordill	Checked By: H. D. Montgomery
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