

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 12.6-79	
Company AMOCO PRODUCTION COMPANY				Connection EL PASO NATURAL GAS CO.	
Pool BASIN				Formation DAKOTA	
Completion Date 11-14-79		Total Depth 6814		Plug Back TD 6793	
Casing Size 4.500		Set At 6814		Elevation 5581GL	
Well No. 38		Perforations: From 6482 To 6752		Face of Lease Name ARCHULETA GAS COM A	
Thru Size 2.375		Set At 6758		Perforations: From OPEN To ENDED	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE				Packer Set At NONE	
Producing Thru TUBING		Reservoir Temp. °F e		Baro. Press. - P _a	
Mean Annual Temp. °F		Country SAN JUAN		State NEW MEXICO	
L	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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	10 days						2027		2040		3 hrs
1.	2.375	.750					155		680		
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		167	1.000	.9258	1.020	1950
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/lbl.
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 2052 P _c ² 4210704		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1283$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0948$	
NO.	P _w	P _w ²	P _c ² - P _w ²		
1	692	478864	3731840		
2					
3					
4					
5					

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope @ .75		Slope n _____	
Remarks: _____					

Approved by Commission:	Conducted By: JJB	Calculated By: J J BARNETT	Checked By: B. E. FACKRELL
-------------------------	-----------------------------	--------------------------------------	--------------------------------------