

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

Form C-122
Revised 6-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 11/29/77	
Company AMOCO PRODUCTION COMPANY				Connection NORTHWEST PIPELINE CORPORATION	
Pool BASIN				Formation DAKOTA	
Completion Date 11-29-77		Total Depth 8350		Plug Back TD 8282	
				Elevation 6527	
Farm or Lease Name ROSA UNIT				Well No. 61	
Csg. Size 4.50	Wt. 11.6	d 4.000	Set At 8317	Perforations: From 8066 To 8222	
Tng. Size 2.375	Wt. 4.7	a 1.995	Set At 8207	Perforations: From Open To Ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tubing				County Rio Arriba	
Reservoir Temp. °F @		Mean Annual Temp. °F		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	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	10 days						2032		2032	
1.	2.375	1.125					320		575	
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			332	1.000	.9608	1.033	337
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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 2044	P _w 4177936	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0899$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0667$
NO.	P _t	P _w	P _c ² - P _w ²
1		587	344569
2			
3			
4			
5			

Absolute Open Flow 359 Mcfd @ 15.025		Angle of Slope e _____		Slope, n .75	
Remarks: Flow Gauged thru meter run					

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: TMO/WRB	Checked By: <i>J. L. Krueger</i>
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