

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 6-26-79	
Company Southland Royalty Company				Connection Northwest Pipeline Corporation		
Pool Undesignated				Formation Pictured Cliffs		Unit
Completion Date 6-19-79		Total Depth 4043'		Plug Back TD 4033'		Elevation 6971'
Farm or Lease Name Wilmer Canyon		Well No. #3				
Csg. Size 2.875	Wt. 6.5#	d 2.441	Set At 4044'	Perforations: From 3765' To 3922'		Unit Sec. Twp. Rye. F 24-32N-8W
Thq. Size -----	Wt.	d	Set At	Perforations: From To		
Type Well - Single - Brodenhead - G.G. or G.O. Multiple Single				Packer Set At -----		County San Juan
Producing Thru Csg.		Reservoir Temp. °F θ		Mean Annual Temp. °F		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.	
SI									1435	
1.	2.375 X 1.995								6.5	
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							1,584
2.							
3.							
4.							
5.							

NO.	R ₁	Temp. °R	T ₁	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 ²	P _w ²	P _c ²	P _c ² - P _w ²	$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \text{_____}$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \text{_____}$ $AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \text{_____}$
1					
2					
3					
4					
5					

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope θ _____	Slope, n _____
Remarks: Pitot Tube Test			

Approved By Commission:	Conducted By: Dwayne Horton	Calculated By: James Smith	Checked By:
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