

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 8-28-79	
Company Southland Royalty Company				Connection Northwest Pipeline Corporation		
Pool South Los Pinos Fruitland PC				Formation Pictured Cliffs		Unit
Completion Date 8-21-79		Total Depth 6337'		Plug Back TD 6170'		Elevation 6732' GR
Farm or Lease Name Burnt Mesa		Well No. 2-A				
Csg. Size 7.000 4.500	Wt. 20# 10.50#	d 6.456 4.052	Set At 3874 3719-6336	Perforations: From 3540' To 3757'		Unit Sec. Twp. Rge. 2-A
Thq. Size 1.900	Wt. 2.76#	d 1.610	Set At 3695'	Perforations: From --- To ---		Unit Sec. Twp. Rge. O 26 32N 7W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G. G. Multiple				Packer Set At 3861'		County San Juan
Producing Thru Tbg		Reservoir Temp. °F θ		Mean Annual Temp. °F		State New Mexico
L	H	Gq	% 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							1465		1465	
1.									7.5#	24 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					PITOT TUBE	GAUGE	1702
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 _____ XXXXX
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) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
1						
2						
3						
4						
5						

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

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STAMPED

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope θ _____	Slope, n _____
Remarks: _____			
Approved By Commission:	Conducted By: Dwayne Horton	Calculated By: James Smith	Checked By: