

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 8-29-79	
Company Southland Royalty Company			Connection El Paso Natural Gas Company			
Pool North Los Pinos Fruitland			Formation Pictured Cliffs			
Completion Date 8-22-79		Total Depth 6493'		Plug Back TD 6300'		
Elevation 6931' GR		Farm or Lease Name Wilmer Canyon				
Csg. Size 7.000 4.500		Wt. 20# 10.50#		Perforations: From 3719' To 3868'		
Thg. Size 1.900 2.90#		Wt. 1.610		Perforations: From --- To ----		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G. G. Multiple					Packer Set At ---	
Producing Thru Tbg					Baro. Press. - P _a 12.2	
Reservoir Temp. °F #		Mean Annual Temp. °F		State New Mexico		
L		H		Prover		
Gg .700		% CO ₂		% N ₂		
% H ₂ S		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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							100		1763	
1.							4#		5.9	
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	1236
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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _t ²	P _w ²	P _w ²	P _c ² - P _w ²
1				
2				
3				
4				
5				

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \text{_____}$$

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

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \text{_____}$$

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