

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

Form C-127/
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 9-13-79	
Company Southland Royalty Company			Connection El Paso Natural Gas Company		
Pool Undesignated			Formation Fruitland		Unit
Completion Date 7-25-79		Total Depth 3279'	Plug Back TD 3048'		Elevation 6467' GR
Farm or Lease Name Lawson		Well No. 4			
Csg. Size 2.875	Wt. 6.5#	d 2.441	Set At 3049'	Perforations: From 2854' To 2898'	
Tbg. Size ---	Wt. ---	d ---	Set At ---	Perforations: From --- To ---	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G. G. Multiple				Packer Set At ---	
Producing Thru Csg		Reservoir Temp. °F #	Mean Annual Temp. °F	Baro. Press. - P _a	
State New Mexico					
L	H	G _q	% 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
1.	Pitot Test Gauge								986		
2.									2 oz.		20 hrs
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.							324
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcl/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.				
2.				
3.				
4.				
5.				

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

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

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



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

Approved by Commission:	Conducted By: Leroy Castleman	Calculated By: James Smith	Checked By: 
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