

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 8-1-79	
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		Perforations: From 2854' To 2898'		Set At 3049'	
Csg. Size 2.875		Wt. 6.5#		d 2.441		Perforations: From To	
Tbg. Size ---		Wt. ---		d ---		Set At ---	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G. G. Multiple				Packer Set At --		County San Juan	
Producing Thru Csg		Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _g 12.2	
State New Mexico		Prover L		Meier Run H		Taps	
Gg .700		% CO ₂		% N ₂		% H ₂ S	

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									0	
1.									0	1 hr
2.									0	2 hrs
3.									0	3 hrs
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							
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 _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

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

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

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

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

AUG 18 1979

OIL CON. COM.

DIST. 3

Stapo, n

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

Approved By Commission:	Conducted By: Charles Saiz	Calculated By: James Smith	Checked By:
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