

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 12-18-79	
Company Southland Royalty Company				Connection El Paso Natural Gas Company		
Pool Undesignated				Formation Fruitland		Unit
Completion Date 12-11-79		Total Depth 3252		Plug Back TD 3242'		Elevation 6460' GR
Csg. Size 2.875	Wt. 6.5#	d 2.441	Set At 3252'	Perforations: From 2734' To 2942'		Well No. 2
Thg. Size ---	Wt. ---	d ---	Set At ---	Perforations: From --- To ---		Unit Sec. Twp. Rge. I 31 32N 11W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At ---	
Producing Thru Csg		Reservoir Temp. °F θ		Mean Annual Temp. °F		County San Juan
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	
SI									930#		
1.	PITOT TUBE TEST								3		8 Hrs
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							1065
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 _____ 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) $\frac{P_c^2}{P_c^2 - P_w^2} = \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1					
2					
3					
4					

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