

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 7-11-79	
Company Southland Royalty Company				Connection Southern Union Gathering		
Pool Blanco				Formation Pictured Cliffs		Unit
Completion Date 7-11-79		Total Depth 3067'		Plug Back TD 3046'		Elevation 6425' GR
Csg. Size 2.875	Wt. 6.5#	d 2.441	Set At 3056'	Perforations: From 2890' To 2966'		Well No. 2
Thg. Size ---	Wt. ---	d ---	Set At ---	Perforations: From To		Unit Sec. Twp. R1/4 M 35 32N 12W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At ---		County San Juan
Producing Thru Casing		Reservoir Temp. °F 8		Mean Annual Temp. °F		State New Mexico
L	H	Gg	% 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.	2.875	X	2.441	(Pitot Tube Gauge)					915#		72 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.							1295
2.							
3.							
4.							
5.							

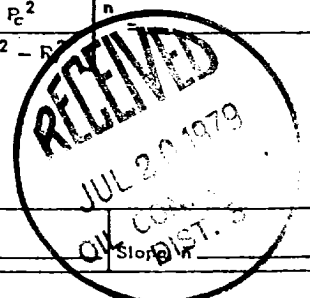
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

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

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

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 θ _____
Remarks: Pitot Tube Test		
Approved By Commission:	Conducted By: Leroy Castleman	Calculated By: James Smith
		Checked By:

