

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 3125'		Plug Back TD 3098'		Elevation 6473' GR
Farm or Lease Name Moore		Well No. 2				
Csq. Size 2.875	Wt. 6.5#	d 2.441	Set At 3108	Perforations: From 2916' To 3048'		Unit G
Inq. Size ---	Wt. ---	d ---	Set At ---	Perforations: From --- To ---		Sec. 35
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single				Packer Set At ---		County San Juan
Producing Thru Casing		Reservoir Temp. °F @		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.	
SI									847#	
1.	2.875	X	2.441						2.5#	68 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							1445
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	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1						
2						
3						
4						
5						

Absolute Open Flow _____ Mcfd @ 15.025 Angle of Slope θ _____
 Remarks: Pitot Tube Gauge

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