

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 7/29/79					
Company R & G DRILLING COMPANY					Connection Waiting on Pipeline					
Pool Kutz Farmington					Formation Farmington					
Completion Date 6/15/79			Total Depth 1664'		Plug Back TD 1613'		Elevation 5627'KB		Farm or Lease Name Phillips	
Csg. Size 4.500	Wt. 10.50	d 4.052	Set At 1657'	Perforations: From 660' To 1056'		Well No. 67				
Thq. Size 1.660	Wt. 2.40	d 1.380	Set At 828'	Perforations: From Open To Ended		Unit Sec. Twp. Rge. N 22 -28N- 11W				
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None		County San Juan			
Producing Thru Tubing		Reservoir Temp. °F 90 @ 1664		Mean Annual Temp. °F 60		Baro. Press. - P _a 12.00		State New Mexico		
L 828	H -	Gg 0.60	% 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							350		350		8 da.
1.	3/4" THC						32		135		3 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	13		44	1.0000	1.0000	1.0000	544
2.							
3.							
4.							
5.							

NO.	P _t	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

P _c 362	P _c ² 131 044	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1974$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 634$
NO.	P _t ²	P _w	P _w ²
1		147	21,609
2			
3			
4			
5			

Absolute Open Flow 634 Mcfd @ 15.025		Angle of Slope 0.85	
Remarks:			

Approved By Commission:	Conducted By: Dewayne Blancett	Calculated By: Ewell N. Walsh, P.E.	Checked By:
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