

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLForm C-122
Revised 9-1-65

Type Test		☒ Initial ☐ Annual ☐ Special		Test Date		3-6-74	
Company				Connection			
Lively Exploration Co							
Pool		Formation		Unit			
Basin - Dakota		Dakota					
Completion Date		Total Depth		Plug Back TD		Elevation	
2-4-74		6773		6725		6201 RKE	
Farm or Lease Name		Lively					
Csg. Size	Wt.	d	Set At	Perforations:		Well No.	
4 1/2"	10.5#	4.052"	6773	From 6523 To 6707		19	
Tbg. Size	Wt.	d	Set At	Perforations:		Unit Sec. Twp. Rge.	
1 1/4"	2.4#	1.380	6691	From Open End To		C 12 26N 8W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple				Packer Set At		County	
Single - G.G.						San Juan	
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a	
760		#				State	
New Mexico							
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run Taps
		.65 Est.					

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							2484		2473	
1.										
2.	3/4" P ₂ Ck.			262		56.0			1651	
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							
2	12.365		274	1.0039	.9608	1.028	3359
3							
4							
5							

NO.	γ	Temp. °R	T _f	Gas-Liquid Hydrocarbon Ratio	Mcf/bbl.
1					
2					
3					
4					
5					

NO.	P _c	P _w	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^{.75} =$
1					
2					
3	2496	6,230.016		1.7812	1.5418
4					
5					

NO.	F ₁ ²	P _w	P _w ²	P _c ² - P _w ²	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^{.75} =$
1					
2					
3	1653	2,732,407	3,497,607		5179
4					
5					

Absolute Open Flow		5179 Mcfd @ 15.025		Angle of Slope θ		Slope, n .75	
Remarks:							
Approved By Commission:							
Conducted By:		Jacobbs - McEnelly		Calculated By:		Jacobbs	
Checked By:							