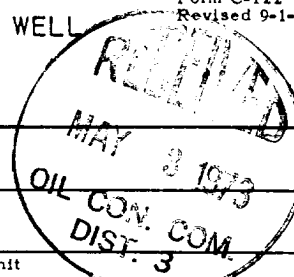


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLForm C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 4-26-73	
Company Lively Exploration Co.		Connection	
Pool Basin Dakota		Formation Dakota	
Completion Date 4-11-73		Total Depth 7564	Plug Back TD 7524
Elevation 6442 RKB		Farm or Lease Name Lively	
Csg. Size 4 1/2"	Wt. 12.58 lb/ft	Set At 7550	Perforations: From 7342 To 7522
Tbg. Size 1 1/4"	Wt. 2.4"	Set At 7470	Perforations: From Open End To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas		Packer Set At	County San Juan
Producing Thru 769	Reservoir Temp. °F 8	Mean Annual Temp. °F	Baro. Press. - P _a
State New Mexico			
L	H	Gg .650	% 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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							2053		2056		7 days
1.											
2.	5/16" Pos. Choke			165		56°			139		3 Hrs
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	2.5417		177	1.0039	.9608	1.018	1455
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	XXXXXXX
3					Specific Gravity Flowing Fluid	XXXXX
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	R

P _r 2070 P _c ² 4,271,400					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2034$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1419$
NO	P _r ²	P _w	P _w ²	P _c ² - P _w ²	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1706$	
1						
2		201	724,201	3,547,199		
3						
4						
5						

Absolute Open Flow 1706 Mcfd @ 15.025 Angle of Slope 175° Slope, n 175°

Remarks:	
Approved by Commission:	Conducted By: <i>[Signature]</i>
Calculated By: <i>[Signature]</i>	Checked By: