

3. APPROX 1-Shryack 1-Lively 1-EPNG (Ed Mohr) 1-EPNG (Basch) 1-File
 1-EPNG (Texas) 1-EPNG (Ulrich)

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 12-26-73	
Company Lively Exploration Co.				Connection		
Pool Basin - Dakota				Formation Dakota		Unit
Completion Date 12-16-73		Total Depth 6650		Plug Back TD 6628		Elevation 5694 K2
Csg. Size 4 1/2"		Wt. 10.5#		Set At 6638		Perforations: From 6438 To 6615
Trg. Size 1 1/4"		Wt. 2.4#		Set At 6593		Perforations: From Open End To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - G2s					Packer Set At	
Producing Thru T67		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a
L		H		Gg .65 ccf		% 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							2043		2043		7 days
1.											
2.											
3.	3/4" P.S. Globe			121		50°			104		
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							
3	12.365		133	1.0098	.9603	1.014	1618
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

NO.	P _t	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		1058	1,119,364	1,360,700	1.3607	2038
4						
5						

Absolute Open Flow <u>2038</u> Mcfd @ 15.025		Angle of Slope θ _____		Slope, n <u>.75</u>	
Remarks: _____					
Approved By Commission: _____		Conducted By: <u>Jacobs & Smith</u>		Calculated By: <u>Jacobs</u>	
				Checked By: _____	

