

Type Test
☒ Initial
☐ Annual
☐ Special

Test Date
5-25-73

Company
Lively Exploration Co.

Connection

Pool
Basin - Dakota

Formation
Dakota

Unit

Completion Date
5-15-73

Total Depth
7310'

Plug Back TD
7283'

Elevation
6363' RRB

Farm or Lease Name
Lively

Tub. Size
4 1/2"

Wt.
11.2#/ft

Set At
7310'

Perforations:
From 7014' To 7282'

Well No.
12

Tub. Size
1 1/4"

Wt.
2.4#

Set At
7244'

Perforations:
From Open End To

Unit Sec. Twp. Rge.
L 36 28N 8W

Type Well - Single - Bradenhead - G.G. or G.O. Multiple
Single - Gas

Packer Set At

County
San Juan

Producing Thru

Reservoir Temp. °F

Mean Annual Temp. °F

Baro. Press. - P_a

State
New Mexico

L H G_g % CO₂ % N₂ % H₂S Prover Meter Run Taps
165 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.		Temp. °F
SI							2405		2340		7 days
1.											
2.	5/8" Choke			265		56°			1548		3 Hrs
3.											
4.											
5.											

NO. Coefficient (24 Hour) $\sqrt{h_w P_m}$ Pressure P_m Flow Temp. Factor Ft. Gravity Factor F_g Super Compress. Factor, F_{pv} Rate of Flow Q, Mcfd

1									
2	8.5417		277	1.0039	.9608	1.029	2348		
3									
4									
5									

NO. P_f Temp. °R T_f Z

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

1				
2				
3				
4				
5				

P_c 2417 P_w 25,841,889

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4140$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^{.75} = 1.4979$

NO.	P _c	P _w	P _c ²	P _w ²	P _c ² - P _w ²
1					
2		1560	2,433,600	3,408,289	
3					
4					
5					

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3517$

Absolute Open Flow 3517 Mcfd @ 15.025 Angle of Slope @ Slope, n

Remarks: Well produces heavy slugs condensate @ end of 3 Hrs

Approved by Commission: Conducted By: Calculated By: Checked By: