

1-EPNG (Texas)

1 MEXICO OIL CONSERVATION COMM. ON MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 2-14-73	
Company Lively Exploration Co.		Connection	
Pool Basin - Dakota		Formation Dakota	
Completion Date 1-16-73		Total Depth 7550	
Plug Back TD 7531		Elevation	
Farm or Lease Name Lively		Well No. 8	
Csg. Size 4 1/2"	Wt. 10.5#	d 4.052	Set At 7550
Perforations: From 7454 To 7528	Well No.		
Tbg. Size 1 1/4"	Wt. 24#	d 1.038	Set At 7455
Perforations: From Open End To	Unit Sec. Twp. Rje. N 12 29N 8W		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - Ggs		Packer Set At	
Producing Thru Tbg.		Reservoir Temp. °F 8	
Mean Annual Temp. °F		Baro. Press. - P _a	
State New Mexico		County San Juan	
L	H	G _g .65 est	% 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							2554		2524		7 days
1.											
2.											
3.	3/4" Pas Choke			130		45°			1352		3 1/2
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		142	1.0147	.9608	1.014	1736
4.							
5.							

NO.	P _t	Temp. °R	T _t	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 _t ² - P _w ²	(1) $\frac{P_t^2}{P_t^2 - P_w^2} = 1.3813$	(2) $\left[\frac{P_t^2}{P_t^2 - P_w^2} \right]^n = 1.2741$
1.						
2.						
3.		1364	1860.492	4818720		
4.						
5.						

AOOF = Q $\left[\frac{P_t^2}{P_t^2 - P_w^2} \right]^n = 2212$

Absolute Open Flow 2212 Mcfd @ 15.025 Angle of Slope @ _____

Remarks: We used water in spray water & con.

Approved By Commission: _____ Conducted By: Jacobs & 10° Anally Calculated By: Jacobs Checked By: MP Snally



