

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

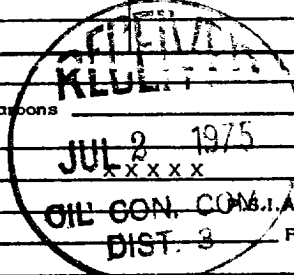
Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 6-27-75			
Company Lively Exploration				Connection					
Pool Basin - Dakota				Formation Dakota				Unit	
Completion Date 6-1-75		Total Depth 7510'		Plug Back TD 7470'		Elevation 6378' RKB		Farm or Lease Name Lively	
Csg. Size 4 1/2"	Wt. 10.5&11.6#	d 4.052	Set At 7478'	Perforations: From 7317' To 7453'			Well No. 26		
Tbg. Size 1 1/4"	Wt. 2.4#	d 1.380	Set At 7420'	Perforations: From Open End To			Unit N	Sec. 7	Twp. Rge. T29N R8W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - Gas						Packer Set At		County San Juan	
Producing Thru Tbg		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _g		State New Mexico	
L	H	Gg .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							2202		2192		7 days
1.											
2.											
3.	3/4" Pos Choke			79		68°			946		3 hrs
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		91	.9924	.9608	1.008	1081
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 _c 2214	P _c ² 4,901,796	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2304$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1682$
NO.	P _i ²	P _w	P _w ²
1			
2			
3		958	917,764
4			
5			

$Q_{OF} = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1263$

Absolute Open Flow	1263	Mcf/d @ 15.025	Angle of Slope °	Slope, n .75
Remarks:				

Approved By Commission:	Conducted By: Crane & Dein	Calculated By: Crane	Checked By:
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