

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 5-17-83			
Company Ladd Petroleum Corp.				Connection			
Pool Largo Gallup Extension				Formation Gallup		Unit	
Completion Date 4-28-83		Total Depth 7000'		Plug Back TD 6895' RKB		Elevation 6133RKB 6121 GL	
Farm or Lease Name Lindrith							
Csq. Size 5-1/2"	Wt. 15.5#	d 4.950"	Set At 6966' RKB	Perforations: From 5872 To 6146'		Well No. 110E	
Tbg. Size 1-1/2"	Wt. 2.76	d 1.610"	Set At 5875' RKB	Perforations: From open ended To		Unit Sec. Twp. Rge. C 10 26N 7W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual G-G				Packer Set At 6590' RKB		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _a	
State New Mexico							
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							1345		1345		
1.											
2.											
3.	1/2" pos. choke			150		58°			485		3 hrs.
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							
2							
3	5.4315		162	1.002	.9608	1.016	861
4							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbon _____ Deg.
2.					Specific Gravity Separator _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ °R

P _c 1357 P _c ² 1,841,449					$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.1549$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1141$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²		
1						
2						
3		497	247,009	1,594,440		
4						
5						

Absolute Open Flow 959 Mcfd @ 15.025			Angle of Slope @ _____		Slope, n .75		
Remarks: _____							
Approved By Division		Conducted By: Hall		Calculated By: Jacobs		Checked By:	

