STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: [X] Initial [ ] Annual [ ] Special		Test Date: 12-5-79	
Company: Ladd Petroleum Corp.	Connection:		
Pool:	Formation:		Unit:
Completion Date:	Total Depth:	Plug Back TD:	Elevation:
Farm or Lease Name: Aztec 35			
Csg. Size / Wt. / d / Set At:	Perforations: From To		Well No.: 5
Tbg. Size / Wt. / d / Set At:	Perforations: From To		Unit: E Sec.: 35 Twp.: 30 Rge.: 14
Type Well – Single – Bradenhead – G.G. or G.O. Multiple:	Packer Set At:		County:
Producing Thru:	Reservoir Temp. °F:	Mean Annual Temp. °F:	Baro. Press. – P_a: State:
L:	H:	Gg: .62	% CO_2: % N_2: % H_2S: Prover: Meter Run: Taps:

	FLOW DATA				TUBING DATA		CASING DATA		
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	Duration of Flow
SI							320		7 days
1.									
2.									
3.	5/8 Pos Choke						1	65°	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	8.5417		13	.9952	.9837	1.000	108
4							
5							

NO.	P_t	Temp. °R	T_t	Z
1				
2				
3				
4				
5				

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

P_c 332 P_c^2 110224

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1				
2				
3		13	169	110055
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0015$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0013$ n = .85

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 108$

RECEIVED
FEB 8 1980
OIL CON. COM.
DIST. 3

Absolute Open Flow _____ Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: _____