REV. DEC. DEC 19 '79

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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.: 4-~~35~~
Tbg. Size / Wt. / d / Set At	Perforations: From To		Unit: ~~Z~~N 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	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		.62						

NO.	FLOW DATA: Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA: Press. p.s.i.g.	Temp. °F	CASING DATA: Press. p.s.i.g.	Temp. °F	Duration of Flow
SI							330		7 days
1.									
2.									
3.	1/2 Pos. Choke						6	62	3 hrs
4.									
5.									

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1							
2.							
3.	5.4315		18	.9981	.9837	1.000	95
4.							
5.							

NO.	P_t	Temp. °R	T_r	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 342 P_c^2 116964

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1				
2				
3		18	324	116640
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0028$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0024$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 95$

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

Absolute Open Flow 95 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .85

Remarks: _____