

01-4033B Field Notes

Jeff Kibler

208-757-8182

8/16 Next to visit Coors Barley Research Station for contacts

8/17 Field work 3:30 pm - 5:00 pm GPS fix of POD • Photos.
Farm Operator - Roy Hanson

Coors Barley Research Station 208 678-4994
7N. 400W.

Burley, ID 83318

There is actually less ground being irrigated than in years past since the installation of the pivot. Pumps are short coupled turbines.

Two M/P's at POD.

- Pivot 900 gal/min. @ ~66 psi @ pump M/P #2
- 2 Wheelies 300 gal/min. ~~ea~~ M/P #1

A very small section of the SE corner not covered by the pivot is used for experiments using gravity flow from canal water (marked on aerial); ~110" 5 times.

GPS Coordinates

Waypt # 077

2511127
1260410

8/17/05

Both pumps are capable of delivering 1100 gpm each. May be able to get pump data from Steve or Ray @ Layne Pump in Burley.

Actual irrigated acreage is ~140 - 150 acres.

Field Notes (Cont.)

M/P Data

#1 Motor

Make: U.S. Electric Motors

HP: 50

Phase: 3

HZ: 60

Frame: 326TP WPI

Volts: 230/460

Type: RU

FLA: 128.6/64.3

Design: B

Code: G

Ins. Class: B

Cont. Rating: 40 °C AMB SF: 1.15 RPM: 1770

Upper Bearing: 7220-M Lower Bearing: 6211-J

Oil Capacity: Upper Bearing - 3 1/4 QTS. Lower Bearing -

ID# R-6232-05-084 R322 3981

NR.R.

NEMA nom. eff.: 89.5%

#2 Motor

Make: U.S. Electric Motors, Inc.

HP: 50

Phase: 3

Cycles: 60

Volts: 220/440

RPM: 1800

Frame: 3656

HI Volt Amps: 61.0

Type: HU

LO Volt Amps: 122.0

Design: B

Code: F

Rating: 40 °C

Bearing Sizes

Upper Thrust: 7318BY

Lower Guide: Q 217J

Oil Capacity: Upper Brg - 2 1/4 QTS.

Lower Brg - 1 QTS.

Serial #: 1252742

01-4033B Log

<u>Date</u>	<u>Description</u>		
8/16	Pre-field prep, no local phone number	0.5 hr	✓
8/17	Courthouse records	2.0 hr.	✓
8/17	Field work w/ Roy Hansen present	2.0 hr.	✓