

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**BENEFICIAL USE FIELD REPORT**

**A. GENERAL INFORMATION**

Permit No: 36-8432

Exam Date: 2-21-2007

1. Current Owner: KENT L KLOSTERMAN  
70 W 630 LN S  
RUPERT ID 83350  
(208)436-2300

2. Accompanied by: none  
Phone No:  
Address:  
Relationship to Permit Holder:

3. **SOURCE****TRIBUTARY**

GROUND WATER

**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: none
2. Other water rights with the same point of diversion: none

**C. DIVERSION AND DELIVERY SYSTEM**1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER

SE 1/4 NE 1/4 SW 1/4

Sec. 34, Twp 06S, Rge 24E, B.M.

MINIDOKA County

Method of Determination: spatial data

2.

**PLACE OF USE:**

IRRIGATION

| Twp | Rge | Sec | NE        |           |           |           | NW        |           |           |           | SW        |           |           |           | SE        |           |           |           | Totals |
|-----|-----|-----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------|
|     |     |     | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> |        |
| 06S | 24E | 34  |           |           |           |           |           |           |           |           | 39.0      | 35.0      | 34.0      | 34.0      | 40.0      | 39.0      | 40.0      |           | 261.0  |

Total Acres: 261

Method of Determination: aerial photography, field check, ArcView. FSA worksheet lists 266 acres in farm tract 2044.

3. ☐ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

| <u>Well or Diversion<br/>ID No.*</u> | <u>Motor Make</u> | <u>Hp</u> | <u>Motor Serial No.</u> | <u>Pump Make</u> | <u>Pump Serial No. or Discharge<br/>Size</u> |
|--------------------------------------|-------------------|-----------|-------------------------|------------------|----------------------------------------------|
| A0005318                             |                   | 250       |                         |                  |                                              |
|                                      |                   |           |                         |                  |                                              |
|                                      |                   |           |                         |                  |                                              |

\*Code to correspond with No. on map and aerial photo

**D. FLOW MEASUREMENTS**

1.

| <u>Measurement<br/>Equipment</u> | <u>Type</u> | <u>Make</u> | <u>Model No.</u> | <u>Serial No.</u> | <u>Size</u> | <u>Calib. Date</u> |
|----------------------------------|-------------|-------------|------------------|-------------------|-------------|--------------------|
| Flow meter                       | Sonic       | Fuji        | Polysonics       |                   |             | 2007               |
|                                  |             |             |                  |                   |             |                    |

2. Measurement

Measurements were taken in 1998, 2002 and 2005 by Brian Higgs, Magic Valley GWD Hydrographer, using a privately owned polysonic flow meter which has been tested by IDWR. No field notes were requested, however, the WMIS data pages are attached.

**E. FLOW CALCULATIONS**☐ Additional Computation Sheets Attached

Measured Method:

Measured flows of 1715, 1850 and 1804 gpm over various years and conditions. Used most recent measurement of 1804 gpm or 4.01 cfs.

**F. VOLUME CALCULATIONS**

## 1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 261 \times 4 = 1044$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 4.01 \times 1.9835 \times 184 = 1463$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1044$$

## 2. Volume Calculations for Other Uses:

**G. NARRATIVE/REMARKS/COMMENTS**

Acres recommended represent total acres developed as of 1998, two years after proof filing, as evidenced by aerial photography. System configuration changed in 2002 with the addition of a pivot in the western part of the pou. Location of acres changed slightly but total acres do not appear to have been enlarged at that time. All pivot corners have been dry since 2002. Approximately 35 additional acres in SESE Sec 34 have been irrigated since 2003 and although those acres are on the permit, I can find no evidence of beneficial use there during the development period. Those 35 acres are not included on the license recommendation. Taxlot information suggests that permit holder does not even own the SESE Sec 34, so I shifted the 5 developed acres from SESE into the current configuration on owner property. License shapefile reflects the 2002 configuration. Additional file photos show the 1998 acres. Measurement of system last occurred in 2005, by Brian Higgs (Water Well Consulting, MVGWD Hydrographer). This measurement has been used for system capacity and licensing amounts.

Have conditions of permit approval been met? ☒ Yes ☐ No

**H. RECOMMENDATIONS**

## 1. Recommended Amounts

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>DIVERSION RATE</u> | <u>ANNUAL VOLUME</u> |
|-----------------------|----------------------|-----------------------|----------------------|
| IRRIGATION            | 04/01 to 11/01       | 4.010 CFS             | 1,044.00 AF          |
| <u>Totals:</u>        |                      | 4.010 CFS             | 1,044.00 AF          |

## 2. Recommended Amendments

☒ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

**I. AUTHENTICATION**

Field Examiner's Name G. M. Ester Date 9.14.2007  
 Reviewer \_\_\_\_\_ Date \_\_\_\_\_

36-8432 Klosterman  
06S 24E  
CURRENT ACRES, 2006 photo

34

261 acres

A0005318

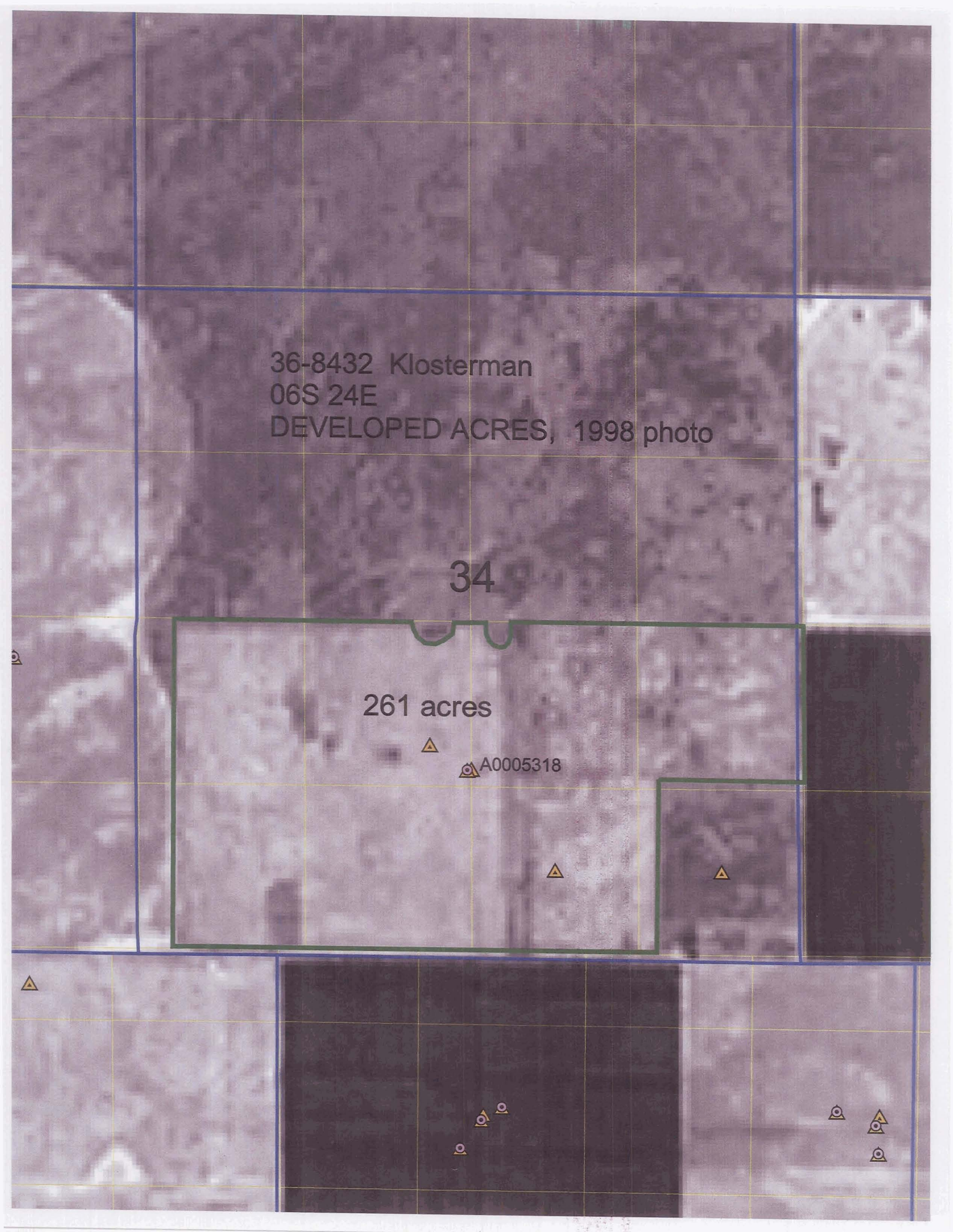


36-8432 Klosterman  
06S 24E  
DEVELOPED ACRES, 1998 photo

34

261 acres

A0005318



2-21-07 Cyenter

Klosterman 36-8432 (Hieb)

well not accessible due to mud.

photos: east, Wheel line ~~SE~~ <sup>NESESW</sup>  
well - est. location ~~SESE~~ <sup>SESE</sup>, almost  
1/4 mi north of road  
west toward pivot

License amendment probably necc. for pod.  
Need to notify owner in SESE that there is  
not W.R. coverage.

Pod Spatial ID ~~205309~~

Meas by Brian Higgs, 2005

258 ac, 4.1 cfs, 1032 AF

.016 cfs/ac  
4 AFA

ADD 05318

385786 Spatial

| Name: Kent Klosterman |                   |                                  | Crop Land Use Summary |                |            |                     |              |              |                 |                 |
|-----------------------|-------------------|----------------------------------|-----------------------|----------------|------------|---------------------|--------------|--------------|-----------------|-----------------|
| Tract No.             | Current Field No. | Current Crop or Land Use         | Offered Acres         | Eligible Acres | 1996       | 1997                | 1998         | 1999         | 2000            | 2001            |
| (591)                 | 1                 | Beets Irr. (Sprinkler)           | 79.0                  |                | Wheat Irr. | Beans Irr.          | Beets Irr.   | Beans Irr.   | Barley Irr.     | Barley Non-Irr. |
|                       |                   | <i>Don't want to end in CRED</i> |                       |                | Wheat Irr. | Beans Irr.          | Beets Irr.   | Beans Irr.   | Barley Irr.     | Barley Non-Irr. |
| 1913                  | 1                 | Alfalfa Irr. (Sprinkler)         | 19.8                  |                | Beans Irr. | Beets Irr.          | Barley Irr.  | Beans Irr.   | Beets Irr.      | Fallow Non-Irr. |
|                       | 2                 | Alfalfa Irr. (Sprinkler)         | 26.2                  |                | Beans Irr. | Beets Irr.          | Barley Irr.  | Beans Irr.   | Beets Irr.      | Fallow Non-Irr. |
|                       | 3                 | Alfalfa Irr. (Sprinkler)         | 132.0                 |                | Beans Irr. | Beets Irr.          | Wheat Irr.   | Beans Irr.   | Beets Irr.      | Fallow Non-Irr. |
| 2044                  | 1                 | Beets Irr. (Pivot)               | 4.8                   |                | Wheat Irr. | Barley / Wheat Irr. | Beets Irr.   | Wheat Irr.   | Fallow Non-Irr. | Fallow Non-Irr. |
|                       | 2                 | Beets Irr. (Sprinkler)           | 3.6                   | 4.8            | Wheat Irr. | Barley / Wheat Irr. | Beets Irr.   | Wheat Irr.   | Fallow Non-Irr. | Fallow Non-Irr. |
|                       | 3                 | Beets Irr. (Sprinkler)           | 3.9                   | 3.6            | Wheat Irr. | Barley / Wheat Irr. | Beets Irr.   | Wheat Irr.   | Fallow Non-Irr. | Fallow Non-Irr. |
|                       | 4A                | ? Beets Irr. (Sprinkler)         | 9.5                   | 3.9            | Alfalfa R. | Alfalfa Irr.        | Alfalfa Irr. | Alfalfa Irr. | Wheat Irr.      | Fallow Non-Irr. |
| 1975                  | 4                 | Beets Irr. (Pivot)               | 118.0                 | 9.5            | Wheat Irr. | Barley / Wheat Irr. | Beets Irr.   | Wheat Irr.   | Fallow Non-Irr. | Fallow Non-Irr. |
|                       |                   |                                  |                       | 118.0          |            |                     |              |              |                 |                 |

\* Verified w/crop report - planted in Irrigated wheat in 1995 so no seeding  
 AIF in 1996

|   |                              |       |       |                  |                           |                          |               |                    |                    |
|---|------------------------------|-------|-------|------------------|---------------------------|--------------------------|---------------|--------------------|--------------------|
| 5 | Beets<br>Irr.<br>(Sprinkler) | 4.6   | 4.6   | Wheat<br>Irr.    | Barley /<br>Wheat<br>Irr. | Beets<br>Irr.            | Wheat<br>Irr. | Fallow<br>Non-Irr. | Fallow<br>Non-Irr. |
| 6 | Beets<br>Irr.<br>(Sprinkler) | 121.6 | 121.6 | Potatoes<br>Irr. | Wheat<br>Irr.             | Wheat /<br>Beets<br>Irr. | Beets<br>Irr. | Fallow<br>Non-Irr. | Fallow<br>Non-Irr. |

2666.0

*Hunt P. Hunt* 8-8-06

Idaho Department of Water Resources

**WMIS**  
Water Management Information System

## Quick Search:

|                    |                    |
|--------------------|--------------------|
| Search Method:     | Reporting District |
| Reporting District | Magic Valley GWD   |
| WMIS Number        | 100052             |
| Legal Description  |                    |
| Metal Tag Number   | A0005318           |

[Click Here for Important](#)[Messages 05/12/06](#)

You are logged in as cyenter

[Point Of Diversion](#) [PCC](#) [Flow Meter](#) [Time Clock](#) [Alternate](#) [Contacts](#) [Data Summary](#) [Other](#) [Logout](#)

## PCC Condition

\* = Required fields

[Add PCC Condition](#)☐ Display All

Status: WMIS Number 100052; Metal Tag Number A0005318

| Copy | Edit | Delete | Meter | Condition | # | PCC |
|------|------|--------|-------|-----------|---|-----|
|------|------|--------|-------|-----------|---|-----|

☐ Year: 2005☐ 06/21/05 720.48 (100%)

|      |      |        |                |                |              |                        |   |                  |
|------|------|--------|----------------|----------------|--------------|------------------------|---|------------------|
| Copy | Edit | Delete | Utility:       | Idaho Power    | KW:          | 239.32                 | 1 | Condition PCC:   |
|      |      |        | Manufacturer:  | Landis and Gyr | GPM:         | 1804.0                 |   | 720.48           |
|      |      |        | Serial Number: |                | PSI:         | 50                     |   | Condition Date:* |
|      |      |        | Main HP*:      | 0              | Percentage:  | 100                    |   | 06/21/05         |
|      |      |        | Boost HP:      |                | Boost On:    | No                     |   |                  |
|      |      |        | Pole Number:   | 06S24E3430     | Description: | 1 PIVOT, 3 WHEEL LINES |   |                  |
|      |      |        | Multiplier:    | 40.00          |              |                        |   |                  |
|      |      |        | Disk Constant: | 1.80           |              |                        |   |                  |

☐ Year: 2002☐ 06/22/02 696.50 (100%)

|      |      |        |                |                  |              |        |   |                  |
|------|------|--------|----------------|------------------|--------------|--------|---|------------------|
| Copy | Edit | Delete | Utility:       | Idaho Power      | KW:          | 237.25 | 1 | Condition PCC:   |
|      |      |        | Manufacturer:  | General Electric | GPM:         | 1850.0 |   | 696.49           |
|      |      |        | Serial Number: | 55479003         | PSI:         | 0      |   | Condition Date:* |
|      |      |        | Main HP*:      | 0                | Percentage:  | 100    |   | 06/22/02         |
|      |      |        | Boost HP:      |                  | Boost On:    | No     |   |                  |
|      |      |        | Pole Number:   | 684              | Description: |        |   |                  |
|      |      |        | Multiplier:    | 40.00            |              |        |   |                  |
|      |      |        | Disk Constant: | 4.80             |              |        |   |                  |

☐ Year: 1998☐ 07/08/98 655.50 (100%)

|      |      |        |                |                  |              |        |   |                  |
|------|------|--------|----------------|------------------|--------------|--------|---|------------------|
| Copy | Edit | Delete | Utility:       | Idaho Power      | KW:          | 207.00 | 1 | Condition PCC:   |
|      |      |        | Manufacturer:  | General Electric | GPM:         | 1715.0 |   | 655.50           |
|      |      |        | Serial Number: | 55479003         | PSI:         | 50     |   | Condition Date:* |
|      |      |        | Main HP*:      | 250              | Percentage:  | 100    |   | 07/08/98         |
|      |      |        | Boost HP:      |                  | Boost On:    | No     |   |                  |
|      |      |        | Pole Number:   | 684              | Description: |        |   |                  |