

MEMORANDUM

TO: Water District 13-T File

FROM: Tim Luke *TJL*

DATE: 04/13/1998

RE: Updated Summary of 1997 Water Use Estimates

Pursuant to a review of Bancroft-Lund GWMA diversions in Basin 13, I updated several records in the summary list titled '1997 Estimates of Volume Withdrawals Using Power Records'. This was the summary which was presented to the water users at the 1998 annual meeting and attached to my memo of 3/13/98.

The updated list contains a minor revision in estimated volume and volume qualifier for the Phil Yost West Welch well. Volume qualifiers for several other wells were updated as well.

C:\DATA\WPDATA\TIMDIST13T2.MEM

04/13/98

BANCROFT-LUND IRRIGATION WELLS - 1997 ESTIMATES OF VOLUME WITHDRAWALS USING POWER RECORDS

| NAME | DIVERSION NAME | WATER RIGHT NUMBER | WR STG | DIV. RATE (CFS) | OTHER RIGHTS | TOTAL | | TOTAL 1997 KWH | TOTAL W. RT AC. FT. | 97 PCC MEAS AC. FT. | PCC AC. FT. QUALIFIER | MEAS OP NO. |
|---------------------------------|-----------------------|--------------------|--------|-----------------|---------------------|-----------|----------|----------------|---------------------|---------------------|-----------------------|-------------|
| | | | | | | W. RT CFS | MEAS CFS | | | | | |
| CAMPBELL, JOSEPH | | 29-07000A | D | 0.09 | | 0.00 | 0.00 | 0 | 0.0 | 0.0 | | 4 |
| CHRISTENSEN, BART | LINEAR PIVOT | 13-02269 | D | 4.42 | | 4.42 | 2.03 | 100900 | 711.0 | 115.6 | 1 | 2 |
| CHRISTENSEN, BART | ANDERSON WELL | 13-07099 | L | 4.79 | | 4.79 | 2.21 | 76800 | 918.0 | 102.6 | 2 | 2 |
| CHRISTENSEN, BART | HEGSTROM WELL | 13-07147 | L | 5.01 | 13-07099 | 4.79 | 3.71 | 53200 | 939.0 | 122.4 | 7 | 1 |
| CITY OF BANCROFT | MAIN WELL | 29-00560 | D | 2.00 | | 2.00 | 0.00 | 0 | 0.0 | 0.0 | | 1 |
| CITY OF BANCROFT | RR WELL/BACK-UP WELL | 29-00561 | D | 0.36 | | 0.36 | 0.00 | 0 | 0.0 | 0.0 | | 1 |
| ELIASON & SONS INC | | 29-02347 | D | 1.20 | | 1.20 | 0.00 | 0 | 285.0 | 0.0 | N | 1 |
| GEM VALLEY FARMS | PAULS | 13-02203 | D | 3.14 | | 3.14 | 1.71 | 78259 | 465.0 | 187.5 | 5 | 2 |
| GEM VALLEY FARMS | HANSEN WELL | 13-02259 | D | 2.10 | 13-07198C | 3.76 | 2.06 | 59850 | 792.0 | 133.3 | 3 | 2 |
| GEM VALLEY FARMS | DEEP WELL | 13-07165 | L | 3.12 | 13-07261, 13-07198B | 5.12 | 3.71 | 139680 | 927.0 | 193.6 | 3 | 2 |
| GEM VALLEY FARMS | DWAIN CHRISTENSEN PLA | 13-07198 | P | 5.23 | | 5.23 | 3.92 | 1775 | 345.0 | 0.0 | Z | 2 |
| GEM VALLEY FARMS | HOME PLACE | 29-02352 | D | 2.50 | | 2.50 | 2.55 | 98240 | 687.0 | 223.2 | 4 | 2 |
| GEM VALLEY FARMS | STANTON PLACE | 29-07000B | D | 4.41 | | 4.41 | 3.14 | 77025 | 897.0 | 164.5 | 1 | 2 |
| GEM VALLEY FARMS | HIGHWAY WELL | 29-07070 | D | 4.68 | | 4.68 | 4.57 | 110760 | 918.0 | 239.2 | 3 | 2 |
| GIBSON, GRANT H | | 13-07068 | L | 3.20 | | 3.20 | 0.00 | 0 | 480.0 | 0.0 | Z | 2 |
| GILBERT, J HARRIS | | 29-02467 | D | 1.90 | | 1.90 | 0.00 | 59600 | 714.0 | 0.0 | N | 2 |
| GILBERT, J HARRIS | | 29-07172 | L | 3.41 | 29-07371 | 3.41 | 0.00 | 43716 | 1144.5 | 0.0 | N | 1 |
| GILBERT, J HARRIS | DIESEL PUMP | 29-07172 | L | 3.41 | 29-07371 | 3.41 | 0.00 | 0 | 1144.5 | 0.0 | | 1 |
| GILBERT, MILTON L & YOST, MONTE | | 29-07308 | D | 2.64 | | 0.00 | 2.12 | 48975 | 0.0 | 91.3 | 1 | 2 |
| GILBERT, MILTON L & YOST, MONTE | | 29-07324 | D | 8.08 | | 8.08 | 4.33 | 132525 | 1212.0 | 286.5 | 2 | 2 |
| HOLSTEN, MARK | HOLSTEN OBS. WELL | 13-07118 | | 0.00 | | 0.00 | 0.00 | 0 | 0.0 | 0.0 | | 5 |
| JENKINS, JAY DELL | | 29-07352A | D | 0.10 | | 0.00 | 0.00 | 0 | 0.0 | 0.0 | | 5 |
| JORGENSEN, CARL | Jorgensen North Well | 13-07161 | D | 4.54 | | 4.54 | 3.50 | 30300 | 690.0 | 50.2 | 1 | 2 |
| JORGENSEN, TERRY | Jorgensen South Well | 13-02198 | D | 2.88 | 13-07005 | 3.82 | 2.22 | 24720 | 1065.0 | 43.3 | 5 | 2 |
| LLOYD, BEN & DAVID | MCNEIL PLACE | 13-02278 | D | 5.45 | | 5.45 | 3.96 | 121500 | 924.0 | 189.0 | 2 | 2 |
| LLOYD, CALVIN G | | 29-07434 | D | 3.34 | | 3.34 | 3.31 | 103080 | 921.0 | 232.8 | 7 | 1 |
| LLOYD, KEITH E | | 13-02312 | D | 3.00 | | 3.00 | 2.00 | 60375 | 690.0 | 72.8 | 7 | 1 |
| LLOYD, WARREN P | | 13-02313 | L | 3.68 | | 3.68 | 3.30 | 50640 | 829.5 | 105.2 | 7 | 1 |
| MODERSITZKI, DAVID | | 29-02313 | D | 2.34 | 29-00580 | 4.68 | 1.93 | 60353 | 1002.0 | 120.4 | 1 | 2 |
| OREGON SHORT LINE RAILROAD CO. | | 29-04330 | S | 0.27 | | 0.00 | 0.00 | 0 | 0.0 | 0.0 | | 5 |
| PERKINS, WAYNE | CRP WELL | 29-07253 | D | 2.55 | | 2.55 | 0.00 | 0 | 942.0 | 0.0 | Z | 4 |
| RIGBY, DON C | CHESTERFIELD WELL | 29-02548 | D | 3.12 | 29-07061 | 5.86 | 5.03 | 134760 | 942.0 | 319.0 | 2 | 2 |

* Permits 29-7636 & 29-7637 describe three POD's, actual location of two wells do not match permit locations. Permits allow two year incremental development stages, not to exceed 240 acres per stage. Water right cfs and volume limits are limits for 3 stages (1991 thru 1996).

BANCROFT-LUND IRRIGATION WELLS - 1997 ESTIMATES OF VOLUME WITHDRAWALS USING POWER RECORDS

| NAME | DIVERSION NAME | WATER RIGHT NUMBER | WR STG | DIV. RATE (CFS) | OTHER RIGHTS | TOTAL | | MAX | | TOTAL | | 97 PCC | | PCC AC. FT. QUALIFIER | MEAS AC. FT. OP NO. |
|-----------------------|--------------------|--------------------|--------|-----------------|---------------------|-----------|----------|----------|---------------------|--------------|--------------|--------|--|-----------------------|---------------------|
| | | | | | | W. RT CFS | MEAS CFS | 1997 KWH | TOTAL W. RT AC. FT. | MEAS AC. FT. | MEAS AC. FT. | | | | |
| RIGBY, DON C | OLD FAITHFUL #1 | 29-07001 | D | 5.97 | | 5.97 | 5.81 | 379520 | 1320.0 | 863.5 | 8 | 2 | | | |
| RIGBY, DON C | OLD FAITHFUL #2 | 29-07636 | P | 1.60 | 29-7637* (PD NOT ON | 14.40 | 4.92 | 181840 | 2160.0 | 400.2 | 8 | 2 | | | |
| RIGBY, DON C | FOND WELL | 29-07636 | P | 1.60 | 29-7637* (PD NOT ON | 14.40 | 0.26 | 0 | 2160.0 | 0.0 | Z | 2 | | | |
| RIGBY, DON C | #1 | 29-07637 | P | 17.04 | 29-07636* | 14.40 | 1.08 | 66300 | 2160.0 | 72.0 | 8 | 2 | | | |
| RIGBY, MAX D | LANDFILL WELL | 29-02536 | D | 3.14 | | 3.14 | 0.00 | 0 | 600.0 | 0.0 | Z | 4 | | | |
| RIGBY, MAX D | | 29-02537 | D | 1.90 | | 1.90 | 0.00 | 0 | 285.0 | 0.0 | N | 2 | | | |
| RINDLISBAKER, LEON G | | 29-00534 | D | 0.28 | | 0.00 | 0.00 | 18504 | 0.0 | 0.0 | | 5 | | | |
| RINDLISBAKER, TERRY G | LLOYD WELL | 29-07098 | D | 4.79 | | 4.79 | 3.52 | 88960 | 876.0 | 149.9 | 3 | 2 | | | |
| RINDLISBAKER, TERRY G | HANSEN/RUPP | 29-07102 | D | 5.39 | 29-07264 | 6.68 | 4.65 | 141077 | 1384.0 | 197.7 | 8 | 2 | | | |
| RINDLISBAKER, TERRY G | LONGENBOHN WELL | 29-07355A | L | 2.74 | | 2.74 | 2.51 | 35400 | 411.0 | 69.0 | 5 | 2 | | | |
| RINDLISBAKER, TERRY G | CHRISTENSEN WELL | 29-07355B | L | 1.54 | 29-07387 | 4.74 | 2.25 | 52875 | 711.0 | 69.5 | 1 | 2 | | | |
| SIMONSON, VON OR ERIC | | 13-07084 | D | 4.36 | 13-07259 | 4.36 | 4.12 | 116000 | 1110.0 | 210.8 | 2 | 2 | | | |
| SMITH, EVERETT | | 13-07010 | D | 0.68 | | 0.68 | 0.00 | 0 | 108.6 | 0.0 | N | 2 | | | |
| SMITH, MARVIN | | 13-02197 | D | 3.48 | | 3.48 | 1.96 | 42400 | 954.0 | 76.3 | 1 | 2 | | | |
| (BEN&DAVID LLOYD,OP) | | | | | | | | | | | | | | | |
| WELCH, CLIFFORD | | 29-02315 | D | 2.14 | 29-07443 | 2.81 | 3.22 | 51440 | 840.0 | 124.3 | 1 | 2 | | | |
| WISTISEN LIVESTOCK CO | | 29-07394 | D | 0.98 | | 0.00 | 1.09 | 26948 | 0.0 | 75.7 | 1 | 2 | | | |
| WISTISEN, RAOUL | | 29-07041 | D | 4.68 | 29-7305 | 4.68 | 4.52 | 118720 | 2404.0 | 279.5 | 5 | 2 | | | |
| WISTISEN, STANLEY | | 29-07392 | L | 1.65 | | 0.00 | 0.00 | 0 | 0.0 | 0.0 | N | 2 | | | |
| YOST, GORDON R. | SCHENK WELL SOUTH | 29-07352C | L | 1.27 | 13-07419A | 0.00 | 0.00 | 127680 | 0.0 | 0.0 | N | 2 | | | |
| YOST, GORDON R. | SCHENK WELL NORTH | 29-07419A | L | 6.62 | 13-07352C | 0.00 | 0.00 | 55600 | 0.0 | 0.0 | N | 2 | | | |
| YOST, GORDON RAY | | 29-07080 | D | 2.53 | 29-07131, 29-07358, | 0.00 | 2.27 | 194400 | 0.0 | 278.6 | 2 | 2 | | | |
| YOST, GORDON RAY | | 29-07131 | L | 2.24 | 29-07080, 29-07358, | 0.00 | 0.00 | 46536 | 0.0 | 0.0 | N | 2 | | | |
| YOST, GORDON RAY | | 29-07132 | D | 1.09 | | 1.09 | 0.00 | 19726 | 273.0 | 0.0 | N | 2 | | | |
| YOST, PHIL | Home Well | 13-07097 | D | 4.46 | | 4.46 | 4.12 | 99680 | 930.0 | 168.6 | 3 | 2 | | | |
| YOST, PHIL | Kim Welch West | 13-07163 | D | 4.37 | 13-07225 | 4.37 | 2.51 | 60500 | 1356.0 | 89.5 | 3 | 2 | | | |
| YOST, PHIL | Kim Welch East | 13-07163 | D | 4.37 | 13-07225 | 4.37 | 1.72 | 46608 | 1356.0 | 88.7 | 1 | 2 | | | |
| YOST, PHIL | | 29-02540 | D | 3.14 | | 3.14 | 2.42 | 36666 | 471.0 | 98.1 | 1 | 2 | | | |
| YOST, PHIL | WAYNE PERKINS WELL | 29-07446 | D | 1.89 | 29-07253 | 1.89 | 1.69 | 59040 | 477.0 | 72.5 | 1 | 2 | | | |

* Permits 29-7636 & 29-7637 describe three POD's, actual location of two wells do not match permit locations. Permits allow two year incremental development stages, not to exceed 240 acres per stage. Water right cfs and volume limits are limits for 3 stages (1991 thru 1996).

BANCROFT-LUND IRRIGATION WELLS - 1997 ESTIMATES OF VOLUME WITHDRAWALS USING POWER RECORDS

| NAME | DIVERSION NAME | WATER RIGHT NUMBER | WR STG | DIV. RATE (CFS) | OTHER RIGHTS | TOTAL | | TOTAL | | TOTAL | | 97 PCC | | MEAS | |
|---------------------------------|-----------------------|--------------------|--------|-----------------|---------------------|-----------|----------|---------------|--------------|---------------|--------------|-------------------|--------|------|---|
| | | | | | | W. RT CFS | MEAS CFS | W. RT AC. FT. | MEAS AC. FT. | W. RT AC. FT. | MEAS AC. FT. | AC. FT. QUALIFIER | OP NO. | | |
| CAMPBELL, JOSEPH | | 29-07000A | D | 0.09 | | 0.00 | 0.00 | 0 | 0.0 | 0.0 | 0.0 | | | | 4 |
| CHRISTENSEN, BART | LINEAR PIVOT | 13-02269 | D | 4.42 | | 4.42 | 2.03 | 100900 | 711.0 | 115.6 | 1 | | | | 2 |
| CHRISTENSEN, BART | ANDERSON WELL | 13-07099 | L | 4.79 | | 4.79 | 2.21 | 76800 | 918.0 | 102.6 | 2 | | | | 2 |
| CHRISTENSEN, BART | HEGSTROM WELL | 13-07147 | L | 5.01 | 13-07099 | 4.79 | 3.71 | 53200 | 939.0 | 122.4 | 7 | | | | 1 |
| CITY OF BANCROFT | MAIN WELL | 29-00560 | D | 2.00 | | 2.00 | 0.00 | 0 | 0.0 | 0.0 | | | | | 1 |
| CITY OF BANCROFT | RR WELL/BACK-UP WELL | 29-00561 | D | 0.36 | | 0.36 | 0.00 | 0 | 0.0 | 0.0 | | | | | 1 |
| ELIASON & SONS INC | | 29-02347 | D | 1.20 | | 1.20 | 0.00 | 0 | 285.0 | 0.0 | N | | | | 1 |
| GEM VALLEY FARMS | PAULS | 13-02203 | D | 3.14 | | 3.14 | 1.71 | 78259 | 465.0 | 187.5 | 5 | | | | 2 |
| GEM VALLEY FARMS | HANSEN WELL | 13-02259 | D | 2.10 | 13-07198C | 3.76 | 2.06 | 59850 | 792.0 | 133.3 | 3 | | | | 2 |
| GEM VALLEY FARMS | DEEP WELL | 13-07165 | L | 3.12 | 13-07261, 13-07198B | 5.12 | 3.71 | 139680 | 927.0 | 193.6 | 3 | | | | 2 |
| GEM VALLEY FARMS | DWAIN CHRISTENSEN PLA | 13-07198 | P | 5.23 | | 5.23 | 3.92 | 1775 | 345.0 | 0.0 | Z | | | | 2 |
| GEM VALLEY FARMS | HOME PLACE | 29-02352 | D | 2.50 | | 2.50 | 2.55 | 98240 | 687.0 | 223.2 | 4 | | | | 2 |
| GEM VALLEY FARMS | STANTON PLACE | 29-07000B | D | 4.41 | | 4.41 | 3.14 | 77025 | 897.0 | 164.5 | 1 | | | | 2 |
| GEM VALLEY FARMS | HIGHWAY WELL | 29-07070 | D | 4.68 | | 4.68 | 4.57 | 110760 | 918.0 | 239.2 | 3 | | | | 2 |
| GIBSON, GRANT H | | 13-07068 | L | 3.20 | | 3.20 | 0.00 | 0 | 480.0 | 0.0 | Z | | | | 2 |
| GILBERT, J HARRIS | | 29-02467 | D | 1.90 | | 1.90 | 0.00 | 59600 | 714.0 | 0.0 | N | | | | 2 |
| GILBERT, J HARRIS | | 29-07172 | L | 3.41 | 29-07371 | 3.41 | 0.00 | 43716 | 1144.5 | 0.0 | N | | | | 2 |
| GILBERT, J HARRIS | DIESEL PUMP | 29-07172 | L | 3.41 | 29-07371 | 3.41 | 0.00 | 0 | 1144.5 | 0.0 | | | | | 1 |
| GILBERT, MILTON L & YOST, MONTE | | 29-07308 | D | 2.64 | | 0.00 | 2.12 | 48975 | 0.0 | 91.3 | 1 | | | | 2 |
| GILBERT, MILTON L & YOST, MONTE | | 29-07324 | D | 8.08 | | 8.08 | 4.33 | 132525 | 1212.0 | 286.5 | 2 | | | | 2 |
| HOLSTEN, MARK | HOLSTEN OBS. WELL | 13-07118 | | 0.00 | | 0.00 | 0.00 | 0 | 0.0 | 0.0 | | | | | 5 |
| JENKINS, JAY DELL | | 29-07352A | D | 0.10 | | 0.00 | 0.00 | 0 | 0.0 | 0.0 | | | | | 5 |
| JORGENSEN, CARL | Jorgensen North Well | 13-07161 | D | 4.54 | | 4.54 | 3.50 | 30300 | 690.0 | 50.2 | 1 | | | | 2 |
| JORGENSEN, TERRY | Jorgensen South Well | 13-02198 | D | 2.88 | 13-07005 | 3.82 | 2.22 | 24720 | 1065.0 | 43.3 | 1 | | | | 2 |
| LLOYD, BEN & DAVID | MONEIL PLACE | 13-02278 | D | 5.45 | | 5.45 | 3.96 | 121500 | 924.0 | 189.0 | 2 | | | | 2 |
| LLOYD, CALVIN G | | 29-07434 | D | 3.34 | | 3.34 | 3.31 | 103080 | 921.0 | 232.8 | | | | | 1 |
| LLOYD, KEITH E | | 13-02312 | D | 3.00 | | 3.00 | 2.00 | 60375 | 690.0 | 72.8 | | | | | 1 |
| LLOYD, WARREN P | | 13-02313 | L | 3.68 | | 3.68 | 3.30 | 50640 | 829.5 | 105.2 | | | | | 1 |
| MODERSITZKI, DAVID | | 29-02313 | D | 2.34 | 29-00580 | 4.68 | 1.93 | 60353 | 1002.0 | 120.4 | 1 | | | | 2 |
| OREGON SHORT LINE RAILROAD CO. | | 29-04330 | S | 0.27 | | 0.00 | 0.00 | 0 | 0.0 | 0.0 | | | | | 5 |
| PERKINS, WAYNE | CRP WELL | 29-07253 | D | 2.55 | | 2.55 | 0.00 | 0 | 942.0 | 0.0 | Z | | | | 4 |
| RIGBY, DON C | CHESTERFIELD WELL | 29-02548 | D | 3.12 | 29-07061 | 5.86 | 5.03 | 134760 | 942.0 | 319.0 | 2 | | | | 2 |

* Permits 29-7636 & 29-7637 describe three POD's, actual location of two wells do not match permit locations. Permits allow two year incremental development stages, not to exceed 240 acres per stage. Water right cfs and volume limits are limits for 3 stages (1991 thru 1996).

03/14/98

BANCROFT-LUND IRRIGATION WELLS - 1997 ESTIMATES OF VOLUME WITHDRAWALS USING POWER RECORDS

| NAME | DIVERSION NAME | WATER RIGHT NUMBER | WR STG | WR DIV. RATE (CFS) | OTHER RIGHTS | TOTAL | | TOTAL | | 97 PCC | | PCC | | MEAS | |
|-----------------------|--------------------|--------------------|--------|--------------------|---------------------|-----------|----------|---------|--------------------|--------------|-------------------|--------|--|------|--|
| | | | | | | W. RT CFS | MEAS CFS | MAX KWH | 1997 W. RT AC. FT. | MEAS AC. FT. | AC. FT. QUALIFIER | OP NO. | | | |
| RIGBY, DON C | OLD FAITHFUL #1 | 29-07001 | D | 5.97 | | 5.97 | 5.81 | 379520 | 1320.0 | 863.5 | 8 | 2 | | | |
| RIGBY, DON C | OLD FAITHFUL #2 | 29-07636 | P | 1.60 | 29-7637* (PD NOT ON | 14.40 | 4.92 | 181840 | 2160.0 | 400.2 | 8 | 2 | | | |
| RIGBY, DON C | POND WELL | 29-07636 | P | 1.60 | 29-7637* (PD NOT ON | 14.40 | 0.26 | 0 | 2160.0 | 0.0 | Z | 2 | | | |
| RIGBY, DON C | #1 | 29-07637 | P | 17.04 | 29-07636* | 14.40 | 1.08 | 66300 | 2160.0 | 72.0 | 8 | 2 | | | |
| RIGBY, MAX D | LANDFILL WELL | 29-02536 | D | 3.14 | | 3.14 | 0.00 | 0 | 600.0 | 0.0 | Z | 4 | | | |
| RIGBY, MAX D | | 29-02537 | D | 1.90 | | 1.90 | 0.00 | 0 | 285.0 | 0.0 | N | 2 | | | |
| RINDLISBAKER, LEON G | | 29-00534 | D | 0.28 | | 0.00 | 0.00 | 18504 | 0.0 | 0.0 | | 5 | | | |
| RINDLISBAKER, TERRY G | LLOYD WELL | 29-07098 | D | 4.79 | | 4.79 | 3.52 | 88960 | 876.0 | 149.9 | 3 | 2 | | | |
| RINDLISBAKER, TERRY G | HANSEN/RUPP | 29-07102 | D | 5.39 | 29-07264 | 6.68 | 4.65 | 141077 | 1384.0 | 197.7 | 8 | 2 | | | |
| RINDLISBAKER, TERRY G | LONGENBOHN WELL | 29-07365A | L | 2.74 | | 2.74 | 2.51 | 35400 | 411.0 | 69.0 | 5 | 2 | | | |
| RINDLISBAKER, TERRY G | CHRISTENSEN WELL | 29-07365B | L | 1.54 | 29-07387 | 4.74 | 2.25 | 52875 | 711.0 | 69.5 | 1 | 2 | | | |
| SIMONSON, VON OR ERIC | | 13-07084 | D | 4.36 | 13-07259 | 4.36 | 4.12 | 116000 | 1110.0 | 210.8 | 2 | 2 | | | |
| SMITH, EVERETT | | 13-07010 | D | 0.68 | | 0.68 | 0.00 | 0 | 108.6 | 0.0 | N | 2 | | | |
| SMITH, MARVIN | | 13-02197 | D | 3.48 | | 3.48 | 1.96 | 42400 | 0.0 | 76.3 | 1 | 2 | | | |
| (BEN&DAVID LLOYD,OP) | | | | | | | | | | | | | | | |
| WELCH, CLIFFORD | | 29-02315 | D | 2.14 | 29-07443 | 2.81 | 3.22 | 51440 | 840.0 | 124.3 | 1 | 2 | | | |
| WISTISEN LIVESTOCK CO | | 29-07394 | D | 0.98 | | 0.00 | 1.09 | 26948 | 0.0 | 75.7 | 1 | 2 | | | |
| WISTISEN, RAOUL | | 29-07041 | D | 4.68 | 29-7305 | 4.68 | 4.52 | 118720 | 2404.0 | 279.5 | 5 | 2 | | | |
| WISTISEN, STANLEY | | 29-07392 | L | 1.65 | | 0.00 | 0.00 | 0 | 0.0 | 0.0 | N | 2 | | | |
| YOST, GORDON R. | SCHENK WELL SOUTH | 29-07352C | L | 1.27 | 13-07419A | 0.00 | 0.00 | 127680 | 0.0 | 0.0 | N | 2 | | | |
| YOST, GORDON R. | SCHENK WELL NORTH | 29-07419A | L | 6.62 | 13-07352C | 0.00 | 0.00 | 55600 | 0.0 | 0.0 | N | 2 | | | |
| YOST, GORDON RAY | | 29-07080 | D | 2.53 | 29-07131, 29-07358, | 0.00 | 2.27 | 194400 | 0.0 | 278.6 | 2 | 2 | | | |
| YOST, GORDON RAY | | 29-07131 | L | 2.24 | 29-07080, 29-07358, | 0.00 | 0.00 | 46536 | 0.0 | 0.0 | N | 2 | | | |
| YOST, GORDON RAY | | 29-07132 | D | 1.09 | | 1.09 | 0.00 | 19726 | 273.0 | 0.0 | N | 2 | | | |
| YOST, PHIL | Home Well | 13-07097 | D | 4.46 | | 4.46 | 4.12 | 99680 | 930.0 | 168.6 | 3 | 2 | | | |
| YOST, PHIL | Kim Welch West | 13-07163 | D | 4.37 | 13-07225 | 4.37 | 2.51 | 60520 | 1356.0 | 98.1 | 2 | 2 | | | |
| YOST, PHIL | Kim Welch East | 13-07163 | D | 4.37 | 13-07225 | 4.37 | 1.72 | 46608 | 1356.0 | 88.7 | 1 | 2 | | | |
| YOST, PHIL | | 29-02540 | D | 3.14 | | 3.14 | 2.42 | 36666 | 471.0 | 98.1 | 1 | 2 | | | |
| YOST, PHIL | WAYNE PERKINS WELL | 29-07446 | D | 1.89 | 29-07253 | 1.89 | 1.69 | 59040 | 477.0 | 72.5 | 1 | 2 | | | |

* Permits 29-7636 & 29-7637 describe three POD's, actual location of two wells do not match permit locations. Permits allow two year incremental development stages, not to exceed 240 acres per stage. Water right cfs and volume limits are limits for 3 stages (1991 thru 1996).

1997 MEASUREMENT COMMENTS

| NAME | POD | DIV_NAME | MEAS_COM97 |
|---------------------------------|------------|-----------|---|
| CAMPBELL, JOSEPH | 09S 39E 14 | SWNE | |
| CHRISTENSEN, BART | 09S 40E 29 | NESE | Flow meter appeared to fail in '97, used PCC to estimate use |
| CHRISTENSEN, BART | 09S 40E 21 | SESW | |
| CHRISTENSEN, BART | 09S 40E 23 | SESW | New PCC derived in 1997-flow rate & KW in condition B |
| CITY OF BANCROFT | 08S 39E 22 | NWNE | Flow meter not working |
| CITY OF BANCROFT | 08S 39E 22 | SESW | Flow meter not working. |
| ELIASON & SONS INC | 08S 39E 8 | SESW | |
| GEM VALLEY FARMS | 09S 40E 20 | NENW | Tracking of conds. not reported, assume 50% under conds. A & B. |
| GEM VALLEY FARMS | 09S 40E 19 | NENW | |
| GEM VALLEY FARMS | 09S 39E 13 | NWSW | Ran pivot with 4 wheel lines at 100% (1 cond. only in '97). |
| GEM VALLEY FARMS | 09S 40E 18 | SWSE | Volume est. based on 1 large pivot & 1 mini pivot at 100% Conditions not tracked, assumed 50% each at conds. 1 & 2. |
| GEM VALLEY FARMS | 09S 40E 18 | NENE | Energy use = 1775 kwh & 8 kw demand only; no water use from well |
| GEM VALLEY FARMS | 09S 40E 29 | SESW | Two conditions: 2 pivots together and 1 pivot alternating |
| GEM VALLEY FARMS | 09S 40E 20 | SWSW | |
| GIBSON, GRANT H | 10S 40E 7 | SENE | |
| GILBERT, J HARRIS | 08S 39E 5 | SWNE | |
| GILBERT, J HARRIS | 08S 39E 5 | NWSE | |
| GILBERT, J HARRIS | 08S 39E 5 | SENE | |
| GILBERT, MILTON L & YOST, MONTE | 08S 39E 10 | SESW | |
| GILBERT, MILTON L & YOST, MONTE | 08S 40E 30 | NESE | |
| HOLSTEN, MARK | 09S 39E 24 | SWSENE L2 | |
| JENKINS, JAY DELL | 08S 39E 34 | NESE | |
| JORGENSEN, CARL | 09S 40E 32 | NWNW | Well not inventoried |

29.7000E = 2.99 Mc
164.5/299 = 0.55 AF/AC

1997 MEASUREMENT COMMENTS

| NAME | POD | DIV_NAME | MEAS_COM97 |
|--------------------------------|------------|----------|----------------------|
| JORGENSEN, TERRY | 10S 40E 5 | SENW | |
| LLOYD, BEN & DAVID | 09S 40E 22 | NNW | Jorgensen South Well |
| LLOYD, CALVIN G | 09S 39E 14 | NENW | MCNEIL PLACE |
| LLOYD, KEITH E | 09S 39E 25 | NNW | |
| LLOYD, WARREN P | 09S 39E 23 | NENE | |
| MODERSITZKI, DAVID | 08S 39E 15 | NESW | |
| OREGON SHORT LINE RAILROAD CO. | 08S 39E 22 | NWNE | |
| PERKINS, WAYNE | 08S 39E 27 | NWNE | CRP WELL |
| RIGBY, DON C | 08S 40E 29 | SENE | #1 |
| RIGBY, DON C | 08S 40E 21 | NESE | OLD FAITHFUL #2 |
| RIGBY, DON C | 08S 40E 21 | NESE | OLD FAITHFUL #1 |
| RIGBY, DON C | 08S 39E 10 | SENE | CHESTERFIELD WELL |
| RIGBY, DON C | 08S 40E 16 | NWSE | POND WELL |
| RIGBY, MAX D | 08S 39E 16 | NESW | |
| RIGBY, MAX D | 08S 39E 16 | SENE | LANDFILL WELL |
| RINDLSBAKER, LEON G | 09S 39E 3 | SWNW | |
| RINDLSBAKER, TERRY G | 09S 40E 17 | NENE | LONGENBOHN WELL |
| RINDLSBAKER, TERRY G | 09S 40E 15 | SWNW | LLOYD WELL |
| RINDLSBAKER, TERRY G | 09S 40E 8 | NWSE | CHRISTENSEN WELL |
| RINDLSBAKER, TERRY G | 09S 40E 15 | NWSE | HANSEN/RUPP |
| SIMONSON, VON OR ERIC | 09S 40E 27 | SWNW | |
| SMITH, EVERETT | 10S 40E 5 | SWSE | |
| SMITH, MARVIN (BEN&DAVID) | 10S 40E 8 | NWNW | |
| LLOYD, OP | | | |
| WELCH, CLIFFORD | 09S 39E 2 | SESE | |
| WISTISEN LIVESTOCK CO | 08S 39E 14 | SWSW | |
| WISTISEN, RAOUL | 08S 39E 4 | SWSE | |
| WISTISEN, STANLEY | 08S 39E 21 | NWNE | |
| YOST, GORDON R. | 08S 39E 34 | NESE | SCHENK WELL SOUTH |
| YOST, GORDON R. | 08S 39E 34 | SESE | SCHENK WELL NORTH |
| YOST, GORDON RAY | 09S 39E 10 | NWNW | |
| YOST, GORDON RAY | 09S 39E 2 | SESW | |
| YOST, GORDON RAY | 09S 39E 10 | NENE | |
| YOST, PHIL | 09S 40E 19 | SENE | Kim Welch East |
| YOST, PHIL | 09S 40E 19 | NESW | Kim Welch West |

1 cond. in '97, 2 pivots and
1-1/2 handlines

CRP well.

No energy use in 1997
Not inventoried.
CRP well.

2 identical pivots w/end guns
(guns on)

Small use

1997 MEASUREMENT COMMENTS

| NAME | POD | DIV_NAME | MEAS_COM97 |
|-------------|------------|-----------|--------------------|
| YOST, PHIL | 09S 40E 28 | NENE | |
| YOST, PHIL. | 08S 39E 34 | Home Well | |
| YOST, PHIL | 08S 39E 22 | SES | WAYNE PERKINS WELL |

BANCROFT-LUND IRRIGATION WELLS - 1996 ESTIMATES OF VOLUME WITHDRAWALS USING POWER RECORDS

| NAME | DIVERSION NAME | WATER RIGHT NUMBER | WR STG | DIV. RATE (CFS) | OTHER RIGHTS | TOTAL | | 96 MAX | | 96 PCC | | 96 PCC AC. FT. QUALIFIER |
|-----------------------|----------------------|--------------------|--------|-----------------|---------------------|-----------|---------------|----------|--------------|--------------|-----------|--------------------------|
| | | | | | | W. RT CFS | W. RT AC. FT. | MEAS CFS | MEAS AC. FT. | MEAS AC. FT. | QUALIFIER | |
| CHRISTENSEN, BART | LINEAR PIVOT | 13-02269 | D | 4.42 | | 4.42 | 711.0 | 1.85 | 50.0 | 1 | | |
| CHRISTENSEN, BART | ANDERSON WELL | 13-07099 | L | 4.79 | | 4.79 | 918.0 | 2.21 | 164.9 | 2 | | |
| GEM VALLEY FARMS | PAULS | 13-02203 | D | 3.14 | | 3.14 | 465.0 | 1.71 | 151.1 | 3 | | |
| GEM VALLEY FARMS | HANSEN WELL | 13-02259 | D | 2.10 | 13-07198C | 3.76 | 792.0 | 1.67 | 178.9 | 3 | | |
| GEM VALLEY FARMS | DEEP WELL | 13-07165 | L | 3.12 | 13-07261, 13-07198B | 5.12 | 927.0 | 3.71 | 278.8 | 3 | | |
| GEM VALLEY FARMS | HIGHWAY WELL | 29-07070 | D | 4.68 | | 4.68 | 918.0 | 4.57 | 301.1 | 3 | | |
| JORGENSEN, CARL | Jorgensen North Well | 13-07161 | D | 4.54 | | 4.54 | 690.0 | 3.50 | 126.9 | 1 | | |
| JORGENSEN, TERRY | Jorgensen South Well | 13-02198 | D | 2.88 | 13-07005 | 3.82 | 1065.0 | 2.22 | 64.1 | 3 | | |
| MODERSITZKI, DAVID | | 29-02313 | D | 2.34 | 29-00580 | 4.68 | 1002.0 | 1.93 | 91.5 | 1 | | |
| RIGBY, DON C | CHESTERFIELD WELL | 29-02548 | D | 3.12 | 29-07061 | 5.86 | 942.0 | 5.03 | 344.0 | 3 | | |
| RIGBY, DON C | OLD FAITHFUL | 29-07001 | D | 5.97 | | 5.97 | 1320.0 | 5.81 | 1151.1 | 3 | | |
| RIGBY, DON C | OLD FAITHFUL #2 | 29-07636 | P | 1.60 | 29-7637* (PD NOT ON | 14.40 | 2160.0 | 4.92 | 655.6 | 3 | | |
| RIGBY, DON C | POND WELL | 29-07636 | P | 1.60 | 29-7637* (PD NOT ON | 14.40 | 2160.0 | 0.26 | 6.2 | 3 | | |
| RIGBY, DON C | #1 | 29-07637 | P | 17.04 | 29-07636* | 14.40 | 2160.0 | 1.08 | 146.4 | 2 | | |
| RINDLISBAKER, TERRY G | LLOYD WELL | 29-07098 | D | 4.79 | | 4.79 | 876.0 | 3.52 | 316.8 | 2 | | |
| RINDLISBAKER, TERRY G | HANSEN/RUPP | 29-07102 | D | 5.39 | 29-07264 | 6.68 | 1384.0 | 4.65 | 370.6 | 2 | | |
| RINDLISBAKER, TERRY G | LONGENBOHN WELL | 29-07365A | L | 2.74 | | 2.74 | 411.0 | 2.51 | 79.9 | 3 | | |
| SIMONSON, VON OR ERIC | | 13-07084 | D | 4.36 | 13-07259 | 4.36 | 1110.0 | 4.12 | 313.0 | 2 | | |
| YOST, PHIL | Home Well | 13-07097 | D | 4.46 | | 4.46 | 930.0 | 4.12 | 340.7 | 2 | | |
| YOST, PHIL | Kim Welch East | 13-07163 | D | 4.37 | 13-07225 | 4.37 | 1356.0 | 1.72 | 136.3 | 1 | | |
| YOST, PHIL | Kim Welch West | 13-07163 | D | 4.37 | 13-07225 | 4.37 | 1356.0 | 2.51 | 162.5 | 3 | | |

128.6 AF

79.9

* Permits 29-7636 & 29-7637 describe three P00's, actual location of two wells do not match permit locations. Permits allow two year incremental development stages, not to exceed 240 acres per stage. Water right cfs and volume limits are limits for 3 stages (1991 thru 1996).

BANCROFT-LIQUID IRRIGATION WELLS - 1996 VOLUMES FROM INSTALLED FLOW METERS
AND ADDITIONAL MISCELLANEOUS FLOW MEASUREMENTS

| NAME | DIVERSION NAME | WATER RIGHT NUMBER | MR STG | DIV RATE (CFS) | OTHER RIGHTS | TOTAL | | 1996 | | ADJUST | | ACCEPT | |
|----------------------------------|----------------------|--------------------|--------|----------------|--------------|-----------|---------------|----------|-------------|--------|---|--------|------|
| | | | | | | W. RT CFS | W. RT AC. FT. | MEAS CFS | METER AC FT | AC FT | Y | AC FT | QUAL |
| IRISTENSEN, BART | HEGSTROM WELL | 13-07147 | L | 5.01 | 13-07099 | 4.79 | 918.0 | 3.71 | 172.0 | 0.0 | Y | AC FT | FE |
| EM VALLEY FARMS | DWAIN CHRISTENSEN PL | 13-07198 | P | 5.23 | | 5.23 | 345.0 | 1.63 | 0.0 | 0.0 | | | |
| EM VALLEY FARMS | HOME PLACE | 29-02352 | D | 2.50 | | 2.50 | 687.0 | 1.61 | 0.0 | 0.0 | | | |
| EM VALLEY FARMS | STANTON PLACE | 29-07000B | D | 4.41 | | 4.41 | 897.0 | 3.14 | 0.0 | 0.0 | | | |
| ILBERT, MILTON L & JST, MONTE | | 29-07324 | D | 8.08 | | 8.08 | 1212.0 | 4.02 | 0.0 | 0.0 | | | |
| LOYD, BEN & DAVID | MCNEIL | 13-02278 | D | 5.45 | | 5.45 | 924.0 | 3.73 | 0.0 | 0.0 | | | |
| LOYD, CALVIN G | | 29-07434 | D | 3.34 | | 3.34 | 921.0 | 3.31 | 218.9 | 225.1 | Y | FE | |
| LOYD, KEITH E | | 13-02312 | D | 3.00 | | 3.00 | 690.0 | 2.00 | 0.0 | 0.0 | | | |
| LOYD, WARREN P | | 13-02313 | L | 3.68 | | 3.68 | 829.5 | 3.30 | 160.3 | 0.0 | Y | PH | |

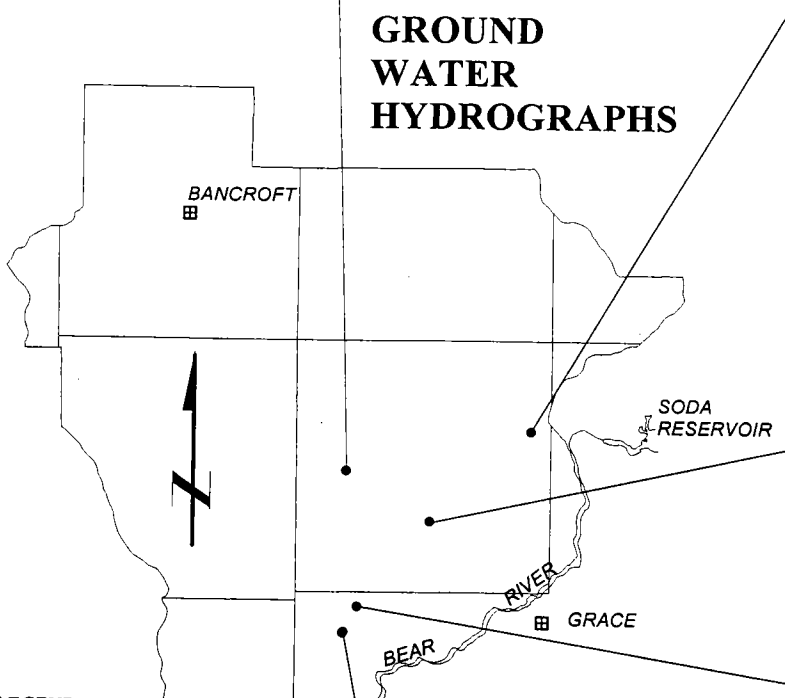
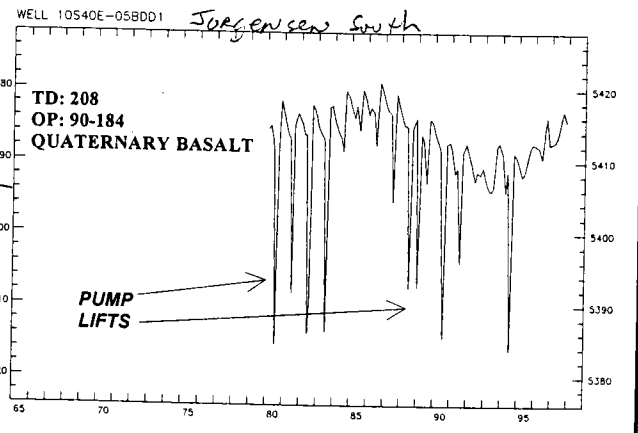
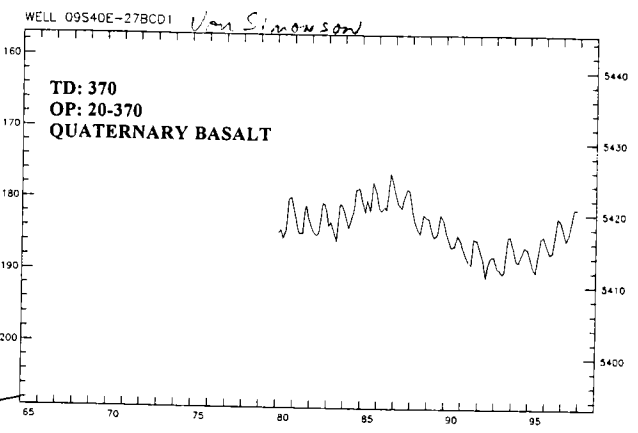
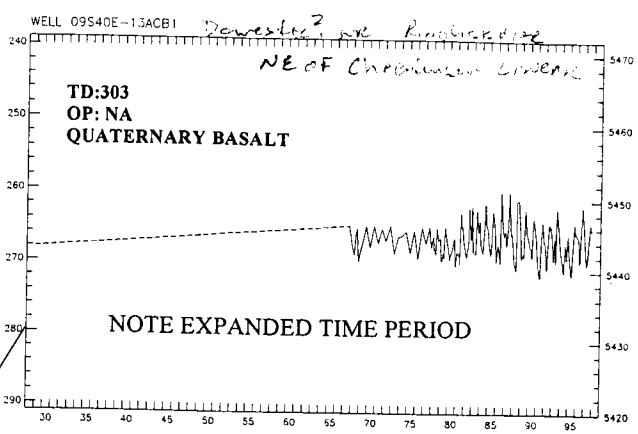
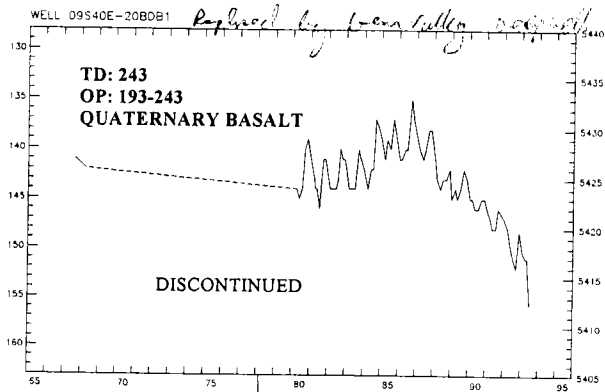
Non-metered wells having flow measurements do not have volume estimates because total KWH not available as of 2/21/96, system too complex, or insufficient number of conditions measured for average PCC.

BANCROFT - LUND AREA WATER LEVEL MEASUREMENTS

03/11/98

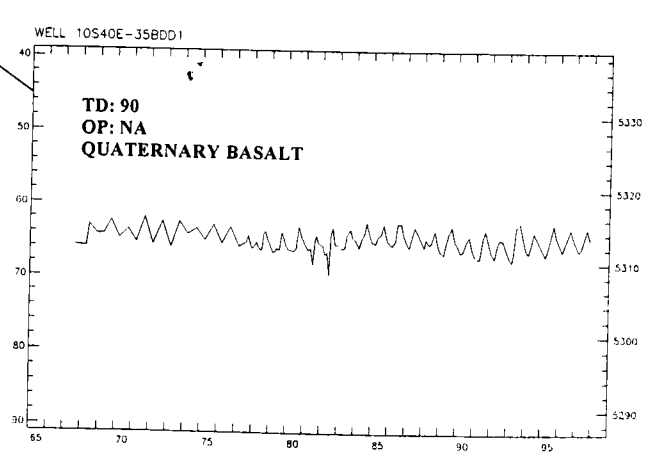
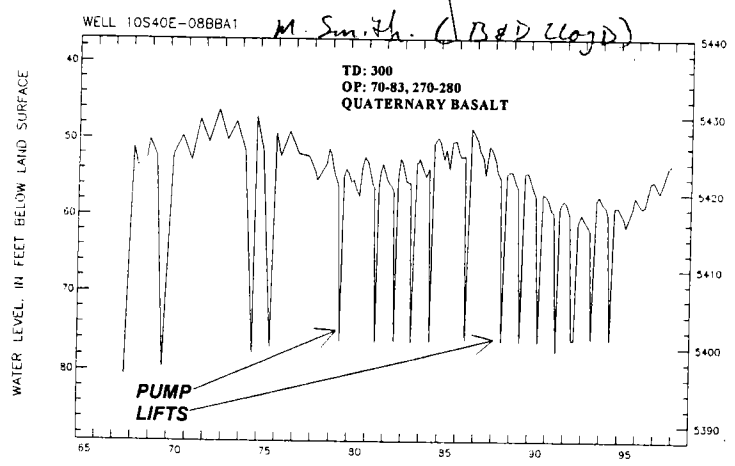
| Keith Lloyd Well - A0004132 | | | | Warren Lloyd Well - A0004116 | | | | Holsten Observation Well | | | |
|--------------------------------|-------------|-----------------------|--------------------|------------------------------|-------------|-----------------------|--------------------|---|-------------|-----------------------|--------------------|
| Date | Water Level | P=Pumping S=Static | Discharge Pressure | Date | Water Level | P=Pumping S=Static | Discharge Pressure | Date | Water Level | P=Pumping S=Static | Discharge Pressure |
| 06/11/68 | 42.1 | | | 05/01/96 | 71.8 | S | | 07/09/96 | 74.4 | | |
| 10/25/83 | 41.2 | | | 06/10/96 | 92.5 | P | | 10/10/96 | 67.2 | | |
| 05/01/96 | 49.5 | | | 06/20/96 | 92.5 | P | | 06/16/97 | 71.7 | S | |
| 06/20/96 | 64 | S | | 06/27/96 | 92.9 | P | | 06/20/97 | 70.5 | S | |
| 07/02/96 | 74 | P | | 07/02/96 | 89.9 | P | | 06/25/97 | 71.7 | S | |
| 07/10/96 | 80 | P | | 07/06/96 | 77 | S | | 07/08/97 | 71.25 | S | |
| 07/15/96 | 73 | S | | 07/09/96 | 102.2 | P | | 07/21/97 | 71.5 | S | |
| 08/02/96 | 52 | S | | 07/11/96 | 104.2 | P | | | | | |
| 08/22/96 | 60.2 | S | | 07/12/96 | 103.7 | P | | | | | |
| 10/10/96 | 50 | S | | 07/16/96 | 93.9 | P | | | | | |
| 10/11/96 | 50.0 | | | 07/24/96 | 101.7 | P | | | | | |
| 06/06/97 | 46.3 | S | | 07/30/96 | 80.5 | S | | | | | |
| 06/13/97 | 46.3 | S | | 08/12/96 | 105.2 | P | | | | | |
| | | | | 08/21/96 | 78.9 | S | | | | | |
| | | | | 09/11/96 | 77.3 | S | | | | | |
| | | | | 10/10/96 | 73.4 | S | | | | | |
| Calvin Lloyd Well - A0004115 | | | | | | | | Don Rigby - Pond Well - A0004102 | | | |
| Date | Water Level | P=Pumping S=Static | Discharge Pressure | Date | Water Level | P=Pumping S=Static | Discharge Pressure | Date | Water Level | P=Pumping S=Static | Discharge Pressure |
| 06/06/96 | 77 | | | 06/06/97 | 67.5 | S | | 05/21/96 | 74.4 | S | |
| 10/10/96 | 80.4 | | | 06/25/97 | 68.0 | S | | 05/21/96 | 106 | S | |
| 06/06/97 | 70.2 | S | | 07/12/97 | 68.5 | S | | 06/05/96 | 109 | S | |
| 06/13/97 | 70.2 | S | | | | | | 06/10/96 | 109.4 | S | |
| 06/25/97 | 76.8 | P | | | | | | 06/24/97 | 70.25 | S | |
| | | | | | | | | 07/11/96 | 74.4 | S | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Carl Jorgensen Well - A0003600 | | | | Warren Lloyd Well - Static | | | | Rindlibaker - Christensen Well - A0004108 | | | |
| Date | Water Level | P=Pumping S=Static | Discharge Pressure | Date | Water Level | P=Pumping S=Static | Discharge Pressure | Date | Water Level | P=Pumping S=Static | Discharge Pressure |
| 07/02/96 | 114.5 | | | 06/06/97 | 65.5 | S | | 10/11/96 | 130 | S | |
| 08/01/96 | 113 | | | 06/25/97 | 65.8 | S | | 07/09/97 | 146.6 | P | |
| 06/13/97 | 87.3 | S | | | | | | | | | |
| 06/27/97 | 90.2 | P | | | | | | | | | |
| 06/27/97 | 87.2 | S | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Carl Jorgensen Well - A0003599 | | | | Yost Well - A0004067 | | | | Rindlibaker - Longenbohn Well - A0004109 | | | |
| Date | Water Level | P=Pumping S=Static | Discharge Pressure | Date | Water Level | P=Pumping S=Static | Discharge Pressure | Date | Water Level | P=Pumping S=Static | Discharge Pressure |
| 06/13/97 | 113.25 | S | | 06/25/97 | 126.6 | S | | 06/05/96 | 139 | S | |
| | | | | | | | | 10/11/96 | 134.8 | S | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | Chad Neibaur Well - A0004119 | | | | | | | |
| Date | Water Level | P=Pumping S=Static | Discharge Pressure | Date | Water Level | P=Pumping S=Static | Discharge Pressure | Date | Water Level | P=Pumping S=Static | Discharge Pressure |
| | | | | 06/16/97 | 101 | S | | | | | |

BANCROFT-LUND GROUND WATER MANAGEMENT AREA



LEGEND

TD: TOTAL DEPTH
OP: INTERVAL AT WHICH THE WELL IS PERFORMED OR OPEN TO THE AQUIFER.
WATER BEARING FORMATION
LEFT SIDE: DEPTH TO WATER
RIGHT SIDE: WATER ELEVATION
BASE: YEAR
CURRENT TO FALL 1997
ALL MEASUREMENTS IN FEET



Report of Financial Activity

| Date | Disc. | income. | expenses |
|-------|--|--------------------|--------------------|
| 1996 | | | |
| 4 26 | Deposit | 3801 ⁶⁵ | |
| 5 16 | Deposit | 3612 ³⁵ | |
| 5 16 | American Legion Building (meeting) | | 10 ⁰⁰ |
| 5 16 | Bank charge (checks) | | 10 ²⁵ |
| 5 22 | Deposit | 730 ⁵⁰ | |
| 7 31 | Wayne J. Waddoups (milage) | | 420 ⁸⁰ |
| 7 31 | Wayne (wages) | | 1577 ⁸⁰ |
| 7 30 | Coast to Coast (supplies) | | 65 ⁷⁵ |
| 7 31 | Bassett Building (supplies) | | 14 ⁶⁹ |
| 8 30 | Wayne Waddoups (wages) | | 333 ⁶¹ |
| 8 30 | Wayne (milage) | | 147 ⁶³ |
| 10 12 | Idaho State Ins Fund (workers comp) | | 378 ⁰⁰ |
| 10 28 | Internal Revenue Service (withholding) | | 316 ⁶⁷ |
| 1997 | | | |
| 1 31 | G Fred Vost CPA (Tax prep) | | 115 ⁰⁰ |
| 2 24 | American Legion Building (meeting) | | 10 ⁰⁰ |
| 4 14 | Dale Wistisen (phone, stamps, travel) | | 77 ⁰⁰ |
| 7 7 | State Insurance Fund (workers comp) | | 300 ⁰⁰ |
| 11 25 | Wayne Waddoups (milage + wages) | | 1629 ⁸⁰ |
| 1998 | | | |
| 1 17 | Internal Revenue Service (withholding) | | 181 ⁴² |
| 2 19 | Dale Wistisen (services) | | 1000 ⁰⁰ |
| | | 8144 ⁴⁰ | 6608 ⁴⁶ |
| | Cash on hand 2-19-98 | 1535 ⁹⁴ | |
| | By Dale R Wistisen Sec-Treasurer | | |

VOLUME DATA QUALIFIERS

The following are data qualifiers for reported diversion volume information. They identify the status of the reported volume quantity. Different sets of qualifiers are used for volumes measured by (1) power consumption records, (2) permanent totalizing flow measuring devices and time clocks, or (3) open channel devices (weirs, flumes, rated sections, etc) and non-totalizing devices. Use these qualifiers in conjunction with reported diversion volume quantities in Appendix A & B.

This is a condensed version of the data qualifiers. See section _____ of this report for greater detail and examples.

PCC Measurements

The following qualifiers apply to diversion volumes estimated with power records and may give data users an indication of the general degree of accuracy of calculated volumes as follows:

Qualifier Description

- Z Zero pumpage based on zero energy consumption.
- 1 Simple systems with only one operating condition and minimal water level fluctuations where power records should work well. This includes systems where the flow rate and power consumption do not fluctuate significantly.
 - 2 Systems with multiple operating conditions, all of which were measured and PCC varied ten percent or less, or varied more than ten percent but tracking is not required due to consistent changes (pivots with corner systems and/or end guns); estimate accuracy should be close to #1.
 - 3 Systems with multiple operating conditions, all measured, PCC varied more than ten percent, tracking is required and owner reported percent of time at each condition; volume estimate accuracy may be similar to or slightly less than qualifiers 1 & 2 (above).
 - 4 Systems with multiple operating conditions, all measured, PCC varied more than ten percent, tracking is required but was not reported by the owner or considered inaccurate and unreliable. Use the low PCC to calculate volume. Volume estimate may therefore be higher than actual diversions.
 - 5 Systems with multiple operating conditions that were not all measured but can be measured so that a 2, 3, or 4 qualifier could be assigned in the future; or a system that needs re-measured (possibly due to system changes or incorrect initial measurements). Estimate accuracy less than qualifiers 1, 2 & 3.
 - 6 Known problem with reported kwh data (e.g. CT's were out on power meter for part of year). Estimate is likely low because not all kwh consumed were reported.
 - 7 Measured PCC during flowmeter check. Calculated PCC volume may not be as accurate,

especially if system operation changes significantly.

- 8 PCC measured on a complex system where flowmeters or time clocks should probably be used. The PCC measurement used for calculating volume should be at high flow (low PCC) condition. Calculated volume estimates will usually be high since these systems are usually measured at capacity or additional loads were on the power meter.
- 9 PCC not measured, but may have been estimated based on system characteristics, location, results from other near by measurements, etc.
- N No PCC measurements made.
- Q The above qualifiers are not applicable, see comments or memo field for additional explanation.

Meters and Time Clocks

The following qualifiers apply to diversion volumes measured with permanently installed totalizing measuring devices or with time recording devices.

| <u>Qualifier</u> | <u>Description</u> |
|------------------|--|
| PM | Partial year Measurement: Flowmeter not installed or not working properly for complete season, actual diversions greater than reported amount. |
| FE | Full year Estimate: An estimate for the full year based on partial data when flowmeter data is not available for the full season. |
| MR | Monthly Recordings: Owner reported flowmeter measurements, monthly readings recorded. |
| NM | No Monthly recordings: Owner reported flowmeter measurements, monthly readings NOT recorded. |
| EM | Erroneous measurement: Owner reported flowmeter measurements are obviously incorrect, usually because flowmeter is not accurate or operating properly. Actual amount could be higher or lower. |
| ND | No Device: Flowmeters or time clocks have not been installed or the annual report did not include any meter readings. Diversions have likely occurred, and the reported volume of zero is erroneous. |
| Z | Zero pumpage: Non-use of a diversion per flowmeter and/or confirmation from the operator. |
| OW | Other Well: One flowmeter is used to measure more than one well, the volume entered |

03/14/98

BANCROFT-LUND IRRIGATION WELLS - 1997 ESTIMATES OF VOLUME WITHDRAWALS USING POWER RECORDS

| NAME | DIVERSTION NAME | WATER RIGHT NUMBER | WR STG | DIV. RATE (CFS) | OTHER RIGHTS | TOTAL | | MAX MEAS CFS | TOTAL 1997 KWH | TOTAL W. RT | | 97 PCC MEAS | | PCC AC. FT. QUALIFIER | MEAS OP NO. |
|---------------------------------|-----------------------|--------------------|--------|-----------------|---------------------|-----------|---------|--------------|----------------|---------------|---------|-------------|--|-----------------------|-------------|
| | | | | | | W. RT CFS | AC. FT. | | | W. RT AC. FT. | AC. FT. | | | | |
| CAMPBELL, JOSEPH | | 29-07000A | D | 0.09 | | 0.00 | 0 | 0.00 | 0 | 0.0 | 0.0 | 0.0 | | | 4 |
| CHRISTENSEN, BART | LINEAR PIVOT | 13-02269 | D | 4.42 | | 4.42 | 100900 | 711.0 | 100900 | 711.0 | 115.6 | 1 | | | 2 |
| CHRISTENSEN, BART | ANDERSON WELL | 13-07099 | L | 4.79 | | 4.79 | 76800 | 918.0 | 76800 | 918.0 | 102.6 | 2 | | | 2 |
| CHRISTENSEN, BART | HEGSTROM WELL | 13-07147 | L | 5.01 | 13-07099 | 4.79 | 53200 | 939.0 | 53200 | 939.0 | 122.4 | 7 | | | 1 |
| CITY OF BANCROFT | MAIN WELL | 29-00560 | D | 2.00 | | 2.00 | 0 | 0.0 | 0 | 0.0 | 0.0 | | | | 1 |
| CITY OF BANCROFT | RR WELL/BACK-UP WELL | 29-00561 | D | 0.36 | | 0.36 | 0 | 0.0 | 0 | 0.0 | 0.0 | | | | 1 |
| ELIASON & SONS INC | | 29-02347 | D | 1.20 | | 1.20 | 0 | 285.0 | 0 | 285.0 | 0.0 | N | | | 1 |
| GEM VALLEY FARMS | PAULS | 13-02203 | D | 3.14 | | 3.14 | 78259 | 465.0 | 78259 | 465.0 | 187.5 | 5 | | | 2 |
| GEM VALLEY FARMS | HANSEN WELL | 13-02259 | D | 2.10 | 13-07198C | 3.76 | 59850 | 792.0 | 59850 | 792.0 | 133.3 | 3 | | | 2 |
| GEM VALLEY FARMS | DEEP WELL | 13-07165 | L | 3.12 | 13-07261, 13-07198B | 5.12 | 139680 | 927.0 | 139680 | 927.0 | 193.6 | 3 | | | 2 |
| GEM VALLEY FARMS | DWAIN CHRISTENSEN PLA | 13-07198 | P | 5.23 | | 5.23 | 1775 | 345.0 | 1775 | 345.0 | 0.0 | Z | | | 2 |
| GEM VALLEY FARMS | HOME PLACE | 29-02352 | D | 2.50 | | 2.50 | 98240 | 687.0 | 98240 | 687.0 | 223.2 | 4 | | | 2 |
| GEM VALLEY FARMS | STANTON PLACE | 29-07000B | D | 4.41 | | 4.41 | 77025 | 897.0 | 77025 | 897.0 | 164.5 | 1 | | | 2 |
| GEM VALLEY FARMS | HIGHWAY WELL | 29-07070 | D | 4.68 | | 4.68 | 110760 | 918.0 | 110760 | 918.0 | 239.2 | 3 | | | 2 |
| GIBSON, GRANT H | | 13-07068 | L | 3.20 | | 3.20 | 0 | 480.0 | 0 | 480.0 | 0.0 | Z | | | 2 |
| GILBERT, J HARRIS | | 29-02467 | D | 1.90 | | 1.90 | 0 | 714.0 | 59600 | 714.0 | 0.0 | N | | | 2 |
| GILBERT, J HARRIS | | 29-07172 | L | 3.41 | 29-07371 | 3.41 | 43716 | 1144.5 | 43716 | 1144.5 | 0.0 | N | | | 1 |
| GILBERT, J HARRIS | DIESEL PUMP | 29-07172 | L | 3.41 | 29-07371 | 3.41 | 0 | 1144.5 | 0 | 1144.5 | 0.0 | | | | 1 |
| GILBERT, MILTON L & YOST, MONTE | | 29-07308 | D | 2.64 | | 0.00 | 2.12 | 48975 | 48975 | 0.0 | 91.3 | 1 | | | 2 |
| GILBERT, MILTON L & YOST, MONTE | | 29-07324 | D | 8.08 | | 8.08 | 4.33 | 132525 | 132525 | 1212.0 | 286.5 | 2 | | | 2 |
| HOLSTEN, MARK | HOLSTEN OBS. WELL | 13-07118 | | 0.00 | | 0.00 | 0 | 0.0 | 0 | 0.0 | 0.0 | | | | 5 |
| JENKINS, JAY DELL | | 29-07352A | D | 0.10 | | 0.00 | 0 | 0.0 | 0 | 0.0 | 0.0 | | | | 5 |
| JORGENSEN, CARL | Jorgensen North Well | 13-07161 | D | 4.54 | | 4.54 | 30300 | 690.0 | 30300 | 690.0 | 50.2 | 1 | | | 2 |
| JORGENSEN, TERRY | Jorgensen South Well | 13-02198 | D | 2.88 | 13-07005 | 3.82 | 24720 | 1065.0 | 24720 | 1065.0 | 43.3 | 1 | | | 2 |
| LLOYD, BEN & DAVID | MCNEIL PLACE | 13-02278 | D | 5.45 | | 5.45 | 121500 | 924.0 | 121500 | 924.0 | 189.0 | 2 | | | 2 |
| LLOYD, CALVIN G | | 29-07434 | D | 3.34 | | 3.34 | 103080 | 921.0 | 103080 | 921.0 | 232.8 | | | | 1 |
| LLOYD, KEITH E | | 13-02312 | D | 3.00 | | 3.00 | 2.00 | 60375 | 60375 | 690.0 | 72.8 | | | | 1 |
| LLOYD, WARREN P | | 13-02313 | L | 3.68 | | 3.68 | 3.30 | 50640 | 50640 | 829.5 | 105.2 | | | | 1 |
| MODERSITZKI, DAVID | | 29-02313 | D | 2.34 | 29-00580 | 4.68 | 1.93 | 60353 | 60353 | 1002.0 | 120.4 | 1 | | | 2 |
| OREGON SHORT LINE RAILROAD CO. | | 29-04330 | S | 0.27 | | 0.00 | 0.00 | 0 | 0 | 0.0 | 0.0 | | | | 5 |
| PERKINS, WAYNE | CRP WELL | 29-07253 | D | 2.55 | | 2.55 | 0.00 | 942.0 | 0 | 942.0 | 0.0 | Z | | | 4 |
| RIGBY, DON C | CHESTERFIELD WELL | 29-02548 | D | 3.12 | 29-07061 | 5.86 | 5.03 | 134760 | 134760 | 942.0 | 319.0 | 2 | | | 2 |

* Permits 29-7636 & 29-7637 describe three POD's, actual location of two wells do not match permit locations. Permits allow two year incremental development stages, not to exceed 240 acres per stage. Water right cfs and volume limits are limits for 3 stages (1991 thru 1996).

BANCROFT-LUND IRRIGATION WELLS - 1997 ESTIMATES OF VOLUME WITHDRAWALS USING POWER RECORDS

| NAME | DIVERSION NAME | WATER RIGHT NUMBER | WR STG | DIV. RATE (CFS) | OTHER RIGHTS | TOTAL | | MAX | | TOTAL | | 97 PCC | | PCC | | MEAS OP NO. |
|-----------------------|--------------------|--------------------|--------|-----------------|---------------------|-----------|----------|----------|---------------------|--------------|-------------------|--------------|-------------------|-----|--|-------------|
| | | | | | | W. RT CFS | MEAS CFS | 1997 KWH | TOTAL W. RT AC. FT. | MEAS AC. FT. | AC. FT. QUALIFIER | AC. FT. MEAS | AC. FT. QUALIFIER | | | |
| RIGBY, DON C | OLD FAITHFUL #1 | 29-07001 | D | 5.97 | | 5.97 | 5.81 | 379520 | 1320.0 | 863.5 | 8 | 2 | | | | |
| RIGBY, DON C | OLD FAITHFUL #2 | 29-07636 | P | 1.60 | 29-7637* (PD NOT ON | 14.40 | 4.92 | 181840 | 2160.0 | 400.2 | 8 | 2 | | | | |
| RIGBY, DON C | POND WELL | 29-07636 | P | 1.60 | 29-7637* (PD NOT ON | 14.40 | 0.26 | 0 | 2160.0 | 0.0 | Z | 2 | | | | |
| RIGBY, DON C | #1 | 29-07637 | P | 17.04 | 29-07636* | 14.40 | 1.08 | 66300 | 2160.0 | 72.0 | 8 | 2 | | | | |
| RIGBY, MAX D | LANDFILL WELL | 29-02536 | D | 3.14 | | 3.14 | 0.00 | 0 | 600.0 | 0.0 | Z | 4 | | | | |
| RIGBY, MAX D | | 29-02537 | D | 1.90 | | 1.90 | 0.00 | 0 | 285.0 | 0.0 | N | 2 | | | | |
| RINDLSBAKER, LEON G | | 29-00534 | D | 0.28 | | 0.00 | 0.00 | 18504 | 0.0 | 0.0 | | 5 | | | | |
| RINDLSBAKER, TERRY G | LLOYD WELL | 29-07098 | D | 4.79 | | 4.79 | 3.52 | 88960 | 876.0 | 149.9 | 3 | 2 | | | | |
| RINDLSBAKER, TERRY G | HANSEN/RUEP | 29-07102 | D | 5.39 | 29-07264 | 6.68 | 4.65 | 141077 | 1384.0 | 197.7 | 8 | 2 | | | | |
| RINDLSBAKER, TERRY G | LONGENBOHN WELL | 29-07365A | L | 2.74 | | 2.74 | 2.51 | 35400 | 411.0 | 69.0 | 5 | 2 | | | | |
| RINDLSBAKER, TERRY G | CHRISTENSEN WELL | 29-07365B | L | 1.54 | 29-07387 | 4.74 | 2.25 | 52875 | 711.0 | 69.5 | 1 | 2 | | | | |
| SIMONSON, VON OR ERIC | | 13-07084 | D | 4.36 | 13-07259 | 4.36 | 4.12 | 116000 | 1110.0 | 210.8 | 2 | 2 | | | | |
| SMITH, EVERETT | | 13-07010 | D | 0.68 | | 0.68 | 0.00 | 0 | 108.6 | 0.0 | N | 2 | | | | |
| SMITH, MARVIN | | 13-02197 | D | 3.48 | | 3.48 | 1.96 | 42400 | 0.0 | 76.3 | 1 | 2 | | | | |
| (BEN&DAVID LLOYD, OP) | | | | | | | | | | | | | | | | |
| WELCH, CLIFFORD | | 29-02315 | D | 2.14 | 29-07443 | 2.81 | 3.22 | 51440 | 840.0 | 124.3 | 1 | 2 | | | | |
| WISTISEN LIVESTOCK CO | | 29-07394 | D | 0.98 | | 0.00 | 1.09 | 26948 | 0.0 | 75.7 | 1 | 2 | | | | |
| WISTISEN, RAOUL | | 29-07041 | D | 4.68 | 29-7305 | 4.68 | 4.52 | 118720 | 2404.0 | 279.5 | 5 | 2 | | | | |
| WISTISEN, STANLEY | | 29-07392 | L | 1.65 | | 0.00 | 0.00 | 0 | 0.0 | 0.0 | N | 2 | | | | |
| YOST, GORDON R. | SCHENK WELL SOUTH | 29-07352C | L | 1.27 | 13-07419A | 0.00 | 0.00 | 127680 | 0.0 | 0.0 | N | 2 | | | | |
| YOST, GORDON R. | SCHENK WELL NORTH | 29-07419A | L | 6.62 | 13-07352C | 0.00 | 0.00 | 56600 | 0.0 | 0.0 | N | 2 | | | | |
| YOST, GORDON RAY | | 29-07080 | D | 2.53 | 29-07131, 29-07358, | 0.00 | 2.27 | 194400 | 0.0 | 278.6 | 2 | 2 | | | | |
| YOST, GORDON RAY | | 29-07131 | L | 2.24 | 29-07080, 29-07358, | 0.00 | 0.00 | 46536 | 0.0 | 0.0 | N | 2 | | | | |
| YOST, GORDON RAY | | 29-07132 | D | 1.09 | | 1.09 | 0.00 | 19726 | 273.0 | 0.0 | N | 2 | | | | |
| YOST, PHIL | Home Well | 13-07097 | D | 4.46 | | 4.46 | 4.12 | 99680 | 930.0 | 168.6 | 3 | 2 | | | | |
| YOST, PHIL | Kim Welch West | 13-07163 | D | 4.37 | 13-07225 | 4.37 | 2.51 | 60520 | 1356.0 | 98.1 | 2 | 2 | | | | |
| YOST, PHIL | Kim Welch East | 13-07163 | D | 4.37 | 13-07225 | 4.37 | 1.72 | 46608 | 1356.0 | 88.7 | 1 | 2 | | | | |
| YOST, PHIL | | 29-02540 | D | 3.14 | | 3.14 | 2.42 | 36666 | 471.0 | 98.1 | 1 | 2 | | | | |
| YOST, PHIL | WAYNE PERKINS WELL | 29-07446 | D | 1.89 | 29-07253 | 1.89 | 1.69 | 59040 | 477.0 | 72.5 | 1 | 2 | | | | |

* Permits 29-7636 & 29-7637 describe three POD's, actual location of two wells do not match permit locations. Permits allow two year incremental development stages, not to exceed 240 acres per stage. Water right cfs and volume limits are limits for 3 stages (1991 thru 1996).

1997 MEASUREMENT COMMENTS

Page No. 1
03/11/98

| NAME | POD | DIV_NAME | MEAS_COM97 |
|---------------------------------|------------|-----------|---|
| CAMPBELL, JOSEPH | 09S 39E 14 | SWNE | |
| CHRISTENSEN, BART | 09S 40E 29 | NESE | Flow meter appeared to fail in '97, used PCC to estimate use |
| CHRISTENSEN, BART | 09S 40E 21 | SESW | |
| CHRISTENSEN, BART | 09S 40E 23 | SESW | |
| CITY OF BANCROFT | 08S 39E 22 | NWNE | New PCC derived in 1997-flow rate & KW in condition B |
| CITY OF BANCROFT | 08S 39E 22 | SESW | Flow meter not working |
| ELIASON & SONS INC | 08S 39E 8 | SESW | Flow meter not working. |
| GEM VALLEY FARMS | 09S 40E 20 | NENW | Tracking of conds. not reported, assume 50% under conds. A & B. |
| GEM VALLEY FARMS | 09S 40E 19 | NENW | |
| GEM VALLEY FARMS | 09S 39E 13 | NWSW | |
| GEM VALLEY FARMS | 09S 40E 18 | SWSE | |
| GEM VALLEY FARMS | 09S 40E 18 | NENE | |
| GEM VALLEY FARMS | 09S 40E 29 | SESW | Ran pivot with 4 wheel lines at 100% (1 cond. only in '97). Volume est. based on 1 large pivot & 1 mini pivot at 100% Conditions not tracked, assumed 50% each at conds. 1 & 2. |
| GEM VALLEY FARMS | 09S 40E 20 | SWSW | Energy use = 1775 kwh & 8 kw demand only; no water use from well |
| GIBSON, GRANT H | 10S 40E 7 | SENE | Two conditions: 2 pivots together and 1 pivot alternating |
| GILBERT, J HARRIS | 08S 39E 5 | SWNE | |
| GILBERT, J HARRIS | 08S 39E 5 | NWSE | |
| GILBERT, J HARRIS | 08S 39E 5 | SENE | |
| GILBERT, MILTON L & YOST, MONTE | 08S 39E 10 | SESW | |
| GILBERT, MILTON L & YOST, MONTE | 08S 40E 30 | NESE | |
| HOLSTEN, MARK | 09S 39E 24 | SWSENE L2 | |
| JENKINS, JAY DELL | 08S 39E 34 | NESE | |
| JORGENSEN, CARL | 09S 40E 32 | NWNW | Well not inventoried |

29-7000E 2 99 Hc 164.5/299 = 0.55 = 45/100

| NAME | POD | DIV_NAME | MEAS_COM97 |
|--------------------------------|------------|----------|---|
| JORGENSEN, TERRY | 10S 40E 5 | SENW | |
| LLOYD, BEN & DAVID | 09S 40E 22 | NWNW | Jorgensen South Well |
| LLOYD, CALVIN G | 09S 39E 14 | NENW | MCNEIL PLACE |
| LLOYD, KEITH E | 09S 39E 25 | NWNW | |
| LLOYD, WARREN P | 09S 39E 23 | NENE | 1 cond. in '97, 2 pivots and 1-1/2 handlines |
| MODERSITZKI, DAVID | 08S 39E 15 | NESW | |
| OREGON SHORT LINE RAILROAD CO. | 08S 39E 22 | NWNE | |
| PERKINS, WAYNE | 08S 39E 27 | NWNE | CRP well. |
| RIGBY, DON C | 08S 40E 29 | SENE | CRP WELL |
| RIGBY, DON C | 08S 40E 21 | NESE | #1 |
| RIGBY, DON C | 08S 40E 21 | NESE | OLD FAITHFUL #2 |
| RIGBY, DON C | 08S 39E 10 | SENE | OLD FAITHFUL #1 |
| RIGBY, DON C | 08S 40E 16 | NWSE | CHESTERFIELD WELL |
| RIGBY, MAX D | 08S 39E 16 | NESW | POND WELL |
| RIGBY, MAX D | 08S 39E 16 | SENE | LANDFILL WELL |
| RINDLISBAKER, LEON G | 09S 39E 3 | SWNW | |
| RINDLISBAKER, TERRY G | 09S 40E 17 | NENE | LONGENBOHN WELL |
| RINDLISBAKER, TERRY G | 09S 40E 15 | SWNW | LLOYD WELL |
| RINDLISBAKER, TERRY G | 09S 40E 8 | NWSE | CHRISTENSEN WELL |
| RINDLISBAKER, TERRY G | 09S 40E 15 | NWSE | 2 identical pivots w/end guns (guns on) |
| SIMONSON, VON OR ERIC | 09S 40E 27 | SWNW | HANSEN/RUPP |
| SMITH, EVERETT | 10S 40E 5 | SWSE | |
| SMITH, MARVIN (BEN&DAVID) | 10S 40E 8 | NWNW | Small use |
| LLOYD, OP | | | |
| WELCH, CLIFFORD | 09S 39E 2 | SESE | |
| WISTISEN LIVESTOCK CO | 08S 39E 14 | SWSW | |
| WISTISEN, RAOUL | 08S 39E 4 | SWSE | |
| WISTISEN, STANLEY | 08S 39E 21 | NWNE | |
| YOST, GORDON R. | 08S 39E 34 | NESE | SCHENK WELL SOUTH |
| YOST, GORDON R. | 08S 39E 34 | SESE | SCHENK WELL NORTH |
| YOST, GORDON RAY | 09S 39E 10 | NWNW | |
| YOST, GORDON RAY | 09S 39E 2 | SESW | |
| YOST, GORDON RAY | 09S 39E 10 | NENE | |
| YOST, PHIL | 09S 40E 19 | SENE | Kim Welch East |
| YOST, PHIL | 09S 40E 19 | NESW | Kim Welch West |

1997 MEASUREMENT COMMENTS

| NAME | POD | DIV_NAME | MEAS_COM97 |
|-------------|------------|--------------------|------------|
| YOST, PHIL | 09S 40E 28 | NENE | |
| YOST, PHIL. | 08S 39E 34 | Home Well | |
| YOST, PHIL | 08S 39E 22 | WAYNE PERKINS WELL | |

BANCROFT-LUND IRRIGATION WELLS - 1996 ESTIMATES OF VOLUME WITHDRAWALS USING POWER RECORDS

| NAME | DIVERSTION NAME | WATER RIGHT NUMBER | WR STG | DIV. RATE (CFS) | OTHER RIGHTS | TOTAL | | 96 MAX | | 96 PCC | | 96 PCC AC. FT. QUALIFIER |
|-----------------------|----------------------|--------------------|--------|-----------------|---------------------|-----------|---------------|----------|--------------|---------|---------|--------------------------|
| | | | | | | W. RT CFS | W. RT AC. FT. | MEAS CFS | MEAS AC. FT. | AC. FT. | AC. FT. | |
| CHRISTENSEN, BART | LINEAR PIVOT | 13-02269 | D | 4.42 | | 4.42 | 711.0 | 1.85 | 50.0 | 1 | | |
| CHRISTENSEN, BART | ANDERSON WELL | 13-07099 | L | 4.79 | | 4.79 | 918.0 | 2.21 | 164.9 | 2 | | |
| GEM VALLEY FARMS | PAULS | 13-02203 | D | 3.14 | | 3.14 | 465.0 | 1.71 | 151.1 | 3 | | |
| GEM VALLEY FARMS | HANSEN WELL | 13-02259 | D | 2.10 | 13-07198C | 3.76 | 792.0 | 1.67 | 178.9 | 3 | | |
| GEM VALLEY FARMS | DEEP WELL | 13-07165 | L | 3.12 | 13-07261, 13-07198B | 5.12 | 927.0 | 3.71 | 278.8 | 3 | | |
| GEM VALLEY FARMS | HIGHWAY WELL | 29-07070 | D | 4.68 | | 4.68 | 918.0 | 4.57 | 301.1 | 3 | | |
| JORGENSEN, CARL | Jorgensen North Well | 13-07161 | D | 4.54 | | 4.54 | 690.0 | 3.50 | 126.9 | 1 | | |
| JORGENSEN, TERRY | Jorgensen South Well | 13-02198 | D | 2.88 | | 3.82 | 1065.0 | 2.22 | 64.1 | 3 | | |
| MODERSITZKI, DAVID | | 29-02313 | D | 2.34 | 29-00580 | 4.68 | 1002.0 | 1.93 | 91.5 | 1 | | |
| RIGBY, DON C | CHESTERFIELD WELL | 29-02548 | D | 3.12 | 29-07061 | 5.86 | 942.0 | 5.03 | 344.0 | 3 | | |
| RIGBY, DON C | OLD FAITHFUL | 29-07001 | D | 5.97 | | 5.97 | 1320.0 | 5.81 | 1151.1 | 3 | | |
| RIGBY, DON C | OLD FAITHFUL #2 | 29-07636 | P | 1.60 | 29-7637* (PD NOT ON | 14.40 | 2160.0 | 4.92 | 655.6 | 3 | | |
| RIGBY, DON C | POND WELL | 29-07636 | P | 1.60 | 29-7637* (PD NOT ON | 14.40 | 2160.0 | 0.26 | 6.2 | 3 | | |
| RIGBY, DON C | #1 | 29-07637 | P | 17.04 | 29-07636* | 14.40 | 2160.0 | 1.08 | 146.4 | 2 | | |
| RINDLISBAKER, TERRY G | LLOYD WELL | 29-07098 | D | 4.79 | | 4.79 | 876.0 | 3.52 | 316.8 | 2 | | |
| RINDLISBAKER, TERRY G | HANSEN/RUPP | 29-07102 | D | 5.39 | 29-07264 | 6.68 | 1384.0 | 4.65 | 370.6 | 2 | | |
| RINDLISBAKER, TERRY G | LONGENBOHN WELL | 29-07365A | L | 2.74 | | 2.74 | 411.0 | 2.51 | 79.9 | 3 | | |
| SIMONSON, VON OR ERIC | | 13-07084 | D | 4.36 | 13-07259 | 4.36 | 1110.0 | 4.12 | 313.0 | 2 | | |
| YOST, PHIL | Home Well | 13-07097 | D | 4.46 | | 4.46 | 930.0 | 4.12 | 340.7 | 2 | | |
| YOST, PHIL | Kim Welch East | 13-07163 | D | 4.37 | 13-07225 | 4.37 | 1356.0 | 1.72 | 136.3 | 1 | | |
| YOST, PHIL | Kim Welch West | 13-07163 | D | 4.37 | 13-07225 | 4.37 | 1356.0 | 2.51 | 162.5 | 3 | | |

128.6 AF

79.9

* Permits 29-7636 & 29-7637 describe three POD's, actual location of two wells do not match permit locations. Permits allow two year incremental development stages, not to exceed 240 acres per stage. Water right cfs and volume limits are limits for 3 stages (1991 thru 1996).

BANCROFT-LIQUID IRRIGATION WELLS - 1996 VOLUMES FROM INSTALLED FLOW METERS
AND ADDITIONAL MISCELLANEOUS FLOW MEASUREMENTS

| NAME | DIVERSION NAME | WATER RIGHT NUMBER | WR STG | DIV RATE (CFS) | OTHER RIGHTS | TOTAL | | 1996 | | ADJUST | | ACCEPT | | FLOW | |
|--|----------------------|--------------------|--------|----------------|--------------|-----------|---------------|----------|-------|--------|-------|--------|-------|-------------|------|
| | | | | | | W. RT CFS | W. RT AC. FT. | MEAS CFS | AC FT | AC FT | AC FT | AC FT | AC FT | METER AC FT | QUAL |
| CHRISTENSEN, BART EM VALLEY FARMS EM VALLEY FARMS EM VALLEY FARMS | HEGSTRUM WELL | 13-07147 | L | 5.01 | 13-07099 | 4.79 | 918.0 | 3.71 | 172.0 | 0.0 | Y | 0.0 | FE | | |
| | DRAIN CHRISTENSEN PL | 13-07198 | P | 5.23 | | 5.23 | 345.0 | 1.63 | 0.0 | 0.0 | | | | | |
| | HOME PLACE | 29-02352 | D | 2.50 | | 2.50 | 687.0 | 1.61 | 0.0 | 0.0 | | | | | |
| | STANTON PLACE | 29-07000B | D | 4.41 | | 4.41 | 897.0 | 3.14 | 0.0 | 0.0 | | | | | |
| ILBERT, MILTON L & JST, MONTE | | 29-07324 | D | 8.08 | | 8.08 | 1212.0 | 4.02 | 0.0 | 0.0 | | | | | |
| OYD, BEN & DAVID OYD, CALVIN G OYD, KEITH E OYD, WARREN P | MCNEIL | 13-02278 | D | 5.45 | | 5.45 | 924.0 | 3.73 | 0.0 | 0.0 | | | | | |
| | | 29-07434 | D | 3.34 | | 3.34 | 921.0 | 3.31 | 225.1 | Y | 225.1 | FE | | | |
| | | 13-02312 | D | 3.00 | | 3.00 | 690.0 | 2.00 | 0.0 | 0.0 | | | | | |
| | | 13-02313 | L | 3.68 | | 3.68 | 829.5 | 3.30 | 160.3 | Y | 160.3 | PM | | | |

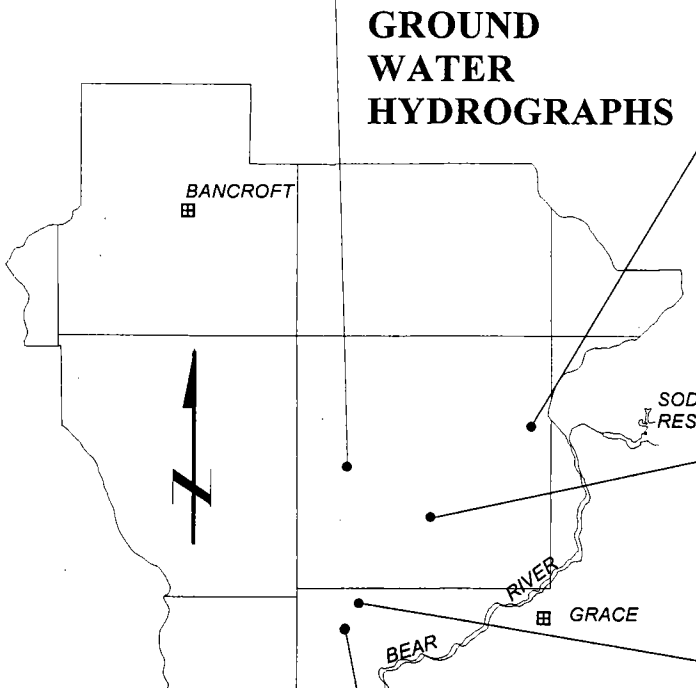
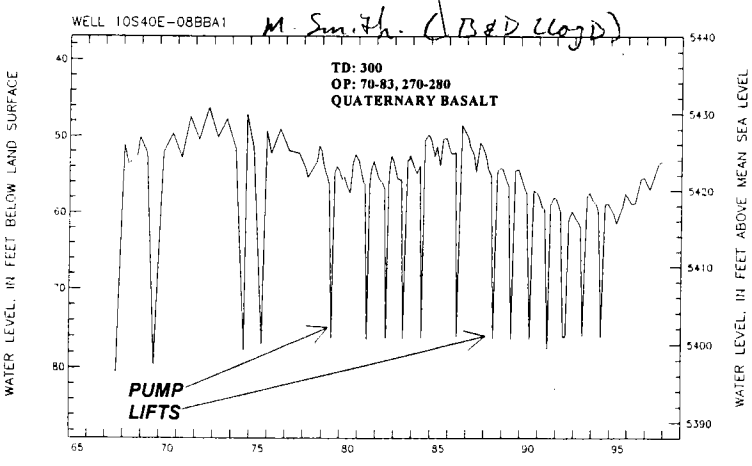
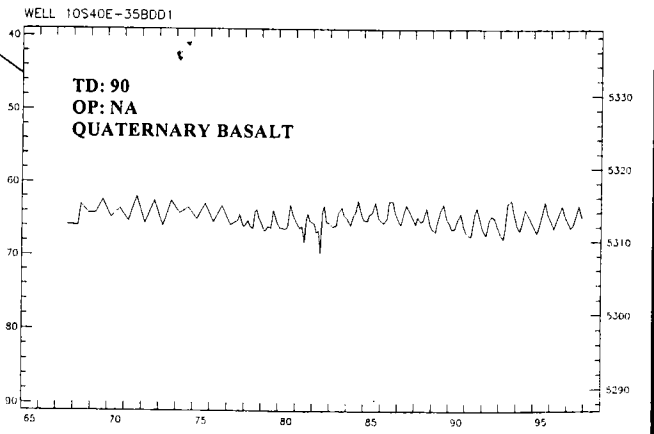
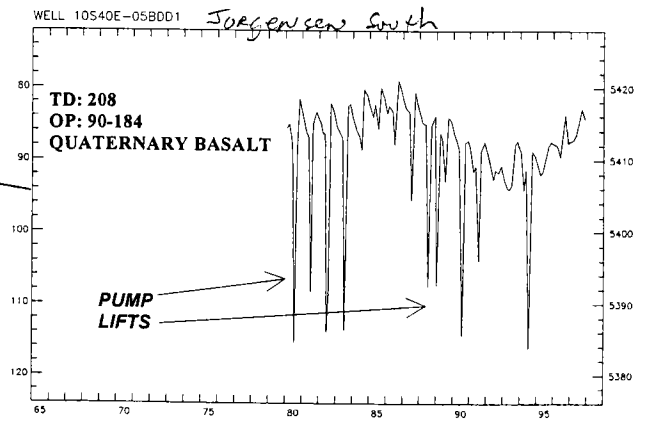
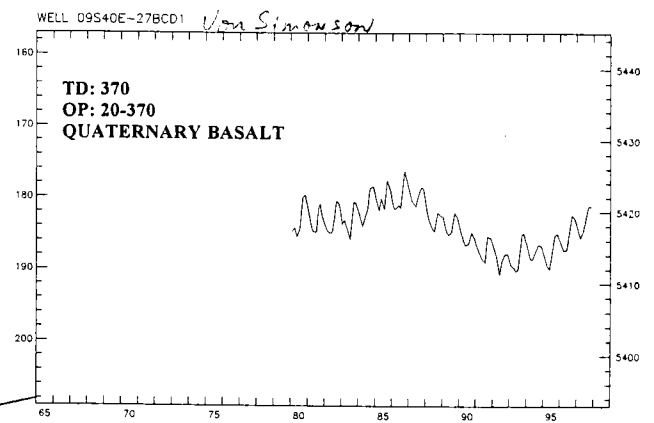
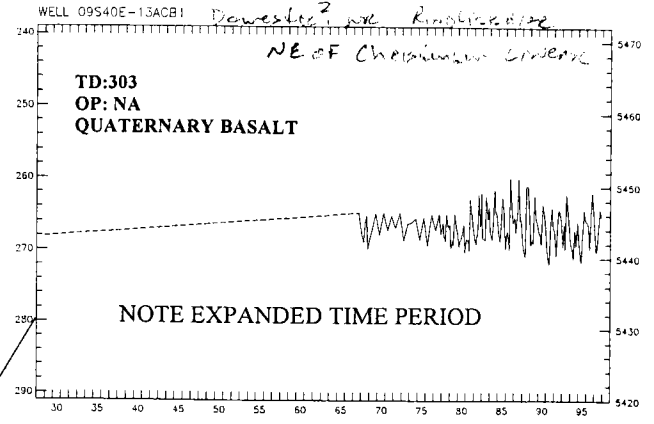
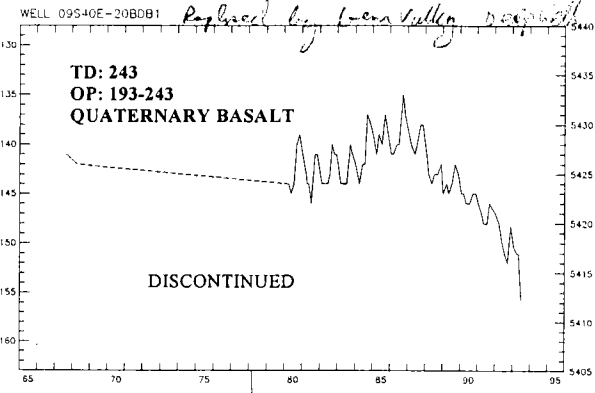
*Non-metered wells having flow measurements do not have volume estimates because total KWH not available as of 2/21/96, system too complex, or insufficient number of conditions measured for average PCC.

BANCROFT – LUND AREA WATER LEVEL MEASUREMENTS

03/11/98

| Keith Lloyd Well – A0004132 | | | | Warren Lloyd Well – A0004116 | | | | Holsten Observation Well | | | |
|--------------------------------|-------------|-----------------------|--------------------|----------------------------------|-------------|-----------------------|--------------------|--|-------------|-----------------------|--------------------|
| Date | Water Level | P=Pumping S=Static | Discharge Pressure | Date | Water Level | P=Pumping S=Static | Discharge Pressure | Date | Water Level | P=Pumping S=Static | Discharge Pressure |
| 06/11/68 | 42.1 | | | 05/01/96 | 71.8 | S | | 07/09/96 | 74.4 | | |
| 10/25/83 | 41.2 | | | 06/10/96 | 92.5 | P | | 10/10/96 | 67.2 | | |
| 05/01/96 | 49.5 | | | 06/20/96 | 92.5 | P | | 06/16/97 | 71.7 | S | |
| 06/20/96 | 64 | S | | 06/27/96 | 92.9 | P | | 06/20/97 | 70.5 | S | |
| 07/02/96 | 74 | P | | 07/02/96 | 89.9 | P | | 06/25/97 | 71.7 | S | |
| 07/10/96 | 80 | P | | 07/06/96 | 77 | S | | 07/08/97 | 71.25 | S | |
| 07/15/96 | 73 | S | | 07/09/96 | 102.2 | P | | 07/21/97 | 71.5 | S | |
| 08/02/96 | 52 | S | | 07/11/96 | 104.2 | P | | | | | |
| 08/22/96 | 60.2 | S | | 07/12/96 | 103.7 | P | | | | | |
| 10/10/96 | 50 | S | | 07/16/96 | 93.9 | P | | | | | |
| 10/11/96 | 50.0 | | | 07/24/96 | 101.7 | P | | | | | |
| 06/06/97 | 46.3 | S | | 07/30/96 | 80.5 | S | | | | | |
| 06/13/97 | 46.3 | S | | 08/12/96 | 105.2 | P | | | | | |
| | | | | 08/21/96 | 78.9 | S | | | | | |
| | | | | 09/11/96 | 77.3 | S | | | | | |
| | | | | 10/10/96 | 73.4 | S | | | | | |
| Calvin Lloyd Well – A0004115 | | | | Don Rigby – Pond Well – A0004102 | | | | | | | |
| Date | Water Level | P=Pumping S=Static | Discharge Pressure | Date | Water Level | P=Pumping S=Static | Discharge Pressure | | | | |
| 06/06/96 | 77 | | | 06/06/97 | 67.5 | S | | | | | |
| 10/10/96 | 80.4 | | | 06/25/97 | 68.0 | S | | | | | |
| 06/06/97 | 70.2 | S | | 07/12/97 | 68.5 | S | | | | | |
| 06/13/97 | 70.2 | S | | | | | | | | | |
| 06/25/97 | 76.8 | P | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Carl Jorgensen Well – A0003600 | | | | Warren Lloyd Well – Static | | | | Rindlisbaker – Christensen Well – A0004108 | | | |
| Date | Water Level | P=Pumping S=Static | Discharge Pressure | Date | Water Level | P=Pumping S=Static | Discharge Pressure | Date | Water Level | P=Pumping S=Static | Discharge Pressure |
| 07/02/96 | 114.5 | | | 06/06/97 | 65.5 | S | | 10/11/96 | 130 | S | |
| 08/01/96 | 113 | | | 06/25/97 | 65.8 | S | | 07/09/97 | 146.6 | P | |
| 06/13/97 | 87.3 | S | | | | | | | | | |
| 06/27/97 | 90.2 | P | | | | | | | | | |
| 06/27/97 | 87.2 | S | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Carl Jorgensen Well – A0003599 | | | | Yost Well – A0004067 | | | | Rindlisbaker – Longenbohn Well – A0004109 | | | |
| Date | Water Level | P=Pumping S=Static | Discharge Pressure | Date | Water Level | P=Pumping S=Static | Discharge Pressure | Date | Water Level | P=Pumping S=Static | Discharge Pressure |
| 06/13/97 | 113.25 | S | | 06/25/97 | 126.6 | S | | 06/05/96 | 139 | S | |
| | | | | | | | | 10/11/96 | 134.8 | S | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | Chad Neibaur Well – A0004119 | | | | | | | |
| | | | | Date | Water Level | P=Pumping S=Static | Discharge Pressure | | | | |
| | | | | 06/16/97 | 101 | S | | | | | |

BANCROFT-LUND GROUND WATER MANAGEMENT AREA



LEGEND

TD: TOTAL DEPTH
OP: INTERVAL AT WHICH THE WELL IS PERFORATED OR OPEN TO THE AQUIFER.
WATER BEARING FORMATION
LEFT SIDE: DEPTH TO WATER
RIGHT SIDE: WATER ELEVATION
BASE: YEAR
CURRENT TO FALL 1997
ALL MEASUREMENTS IN FEET

Report of Financial Activity

income. expenses

| Date | Disc. | income. | expenses |
|-------------------------------------|--|--------------------|--------------------|
| 1996 | | | |
| 4 26 | Deposit | 3801 ⁶⁵ | |
| 5 16 | Deposit | 3612 ³⁵ | |
| 5 16 | American Legion Building (meeting) | | 10 ⁰⁰ |
| 5 16 | Bank charge (checks) | | 10 ³⁵ |
| 5 22 | Deposit | 730 ⁵⁰ | |
| 7 31 | Wayne J. Waddoups (milage) | | 420 ⁸⁰ |
| 7 31 | Wayne (wages) | | 1577 ⁸⁰ |
| 7 30 | Coast to Coast (supplies) | | 65 ⁷⁹ |
| 7 31 | Bassett Building (supplies) | | 14 ⁶⁹ |
| 8 30 | Wayne Waddoups (wages) | | 333 ⁶¹ |
| 8 30 | Wayne (milage) | | 147 ⁶³ |
| 10 12 | Idaho State Ins Fund (workers comp) | | 398 ⁰⁰ |
| 10 28 | Internal Revenue Service (withholding) | | 316 ⁶⁷ |
| 1997 | | | |
| 1 31 | G Fred Vost CPA (Tax prep) | | 115 ⁰⁰ |
| 2 24 | American Legion Building (meeting) | | 10 ⁰⁰ |
| 4 14 | Dale Wistisen (phone, stamps, travel) | | 77 ⁰⁰ |
| 7 7 | State Insurance Fund (workers comp) | | 300 ⁰⁰ |
| 11 25 | Wayne Waddoups (milage + wages) | | 1629 ⁸⁰ |
| 1998 | | | |
| 1 17 | Internal Revenue Service (withholding) | | 181 ⁴² |
| 2 19 | Dale Wistisen (services) | | 1000 ⁰⁰ |
| | | 8144 ⁴⁰ | 6608 ⁴⁶ |
| | Cash on hand 2-19-98 | 1535 ⁹⁴ | |
| By Dale R Wistisen Sec-Treasurer | | | |