# Rig Hours

Well Drilling

| | | |
|---|---|---|
| Ratio of I/P | 2.110644258 | |
| Ratio of M/P | 0.341887255 | |
| Total (I+M)/P | 2.452531513 | |
| Total Hours per well | 26.1 | hours |
| Total Rigs | 13 | rigs |

Annual Production Well Construction

| Year | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|
| Dewey | 93 | 93 | 92 | 92 | 63 | 63 | 41 | 41 | 0 |
| Burdock | 95 | 95 | 96 | 96 | 125 | 125 | 130 | 130 | 0 |
| Total | 188 | 188 | 188 | 188 | 188 | 188 | 171 | 171 | 0 |

Total Annual Well Construction

| Year | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|
| Dewey | 321 | 321 | 318 | 318 | 218 | 218 | 142 | 142 | 0 |
| Burdock | 328 | 328 | 331 | 331 | 432 | 432 | 449 | 449 | 0 |
| Total | 649 | 649 | 649 | 649 | 649 | 649 | 590 | 590 | 0 |

Total Annual Rig Hours for Wells

| Year | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|
| Dewey | 8380 | 8380 | 8290 | 8290 | 5677 | 5677 | 3695 | 3695 | 0 |
| Burdock | 8561 | 8561 | 8651 | 8651 | 11264 | 11264 | 11714 | 11714 | 0 |
| Total | 16941 | 16941 | 16941 | 16941 | 16941 | 16941 | 15409 | 15409 | 0 |

Total Annual Hours Per Rig for Wells

| Year | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|
| Dewey | 645 | 645 | 638 | 638 | 437 | 437 | 284 | 284 | 0 |
| Burdock | 659 | 659 | 665 | 665 | 866 | 866 | 901 | 901 | 0 |
| Total | 1303 | 1303 | 1303 | 1303 | 1303 | 1303 | 1185 | 1185 | 0 |

Delineation Drilling

| | | |
|---|---|---|
| Total WF area | 6,046,305 | $ft^2$ |
| Burdock WF area | 3,532,644 | $ft^2$ |
| Dewey WF area | 2,513,661 | $ft^2$ |
| $Ft^2$/hole | 3,800 | $ft^2$ |
| Total holes | 1591 | holes |
| Burdock holes | 930 | holes |
| Dewey holes | 661 | holes |
| Delineation time | 11.0 | hours |

Annual Delineation Holes Drilled

| Year | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|
| Dewey | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 0 |

| 10 | 11 | 12 | 13 | |
|---|---|---|---|---|
| 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 1470 |

| 10 | 11 | 12 | 13 | |
|---|---|---|---|---|
| 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 5075 |

| 10 | 11 | 12 | 13 |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

| 10 | 11 | 12 | 13 |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

| 10 | 11 | 12 | 13 |
|---|---|---|---|
| 0 | 0 | 0 | 0 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Burdock | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 0 |
| Total | 199 | 199 | 199 | 199 | 199 | 199 | 199 | 199 | 0 |

Total Delineation Drilling hours

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Year | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Dewey | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 0 |
| Burdock | 1278 | 1278 | 1278 | 1278 | 1278 | 1278 | 1278 | 1278 | 0 |
| Total | 2188 | 2188 | 2188 | 2188 | 2188 | 2188 | 2188 | 2188 | 0 |

Delineation Drilling hours per rig

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Year | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Dewey | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 0 |
| Burdock | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 0 |
| Total | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 0 |

Total hours per rig (Wells and Delineation)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Year | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Dewey | 715 | 715 | 708 | 708 | 507 | 507 | 354 | 354 | 0 |
| Burdock | 757 | 757 | 764 | 764 | 965 | 965 | 999 | 999 | 0 |
| **Total** | **1471** | **1471** | **1471** | **1471** | **1471** | **1471** | **1354** | **1354** | **0** |

| | | | | |
|---|---|---|---|---|
| 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 1591 |

| | | | |
|---|---|---|---|
| 10 | 11 | 12 | 13 |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

| | | | |
|---|---|---|---|
| 10 | 11 | 12 | 13 |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |

| | | | |
|---|---|---|---|
| 10 | 11 | 12 | 13 |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |
| **0** | **0** | **0** | **0** |