

# OFFSET WELL EVALUATIONS

| No. | Meet<br>STD | Offset Well<br>API # | Well Name                 | Nearest<br>Proposed<br>Horizontal<br>Well Name | Shortest<br>Horizontal<br>Distance From<br>Offset Well to<br>any Proposed<br>HZ Well | Offset Well<br>Operator                              | Spud Date  | Offset<br>Well<br>Status | Setting<br>Depth | Base of<br>Fox Hills or<br>Depth of<br>Deepest<br>Water Well | Historical<br>Remedial<br>Work to<br>provide<br>Fox Hills<br>Coverage | Objective<br>Formation<br>Top | Productive<br>Casing<br>Cement<br>Top |
|-----|-------------|----------------------|---------------------------|--|--|--|------------|--------------------------|------------------|--|---|-------------------------------|---------------------------------------|
| 1   |             | 05-123-11209         | ALICE M<br>HOFFNER 1-22   | LEFFLER FE<br>20-142HN                         | 1395   | BELLWETHER<br>EXPLORATION<br>CO                      | 06/11/1983 | AB                       | 418              | 605  |   | 6866                          |                                       |
| 2   |             | 05-123-08547         | MAURICE<br>LEFFLER 1      | LEFFLER FE<br>20-062HC                         | 292  | BROOKS<br>EXPLORATION<br>INC                         |            | AB                       | 174              | 605  |   |                               |                                       |
| 3   |             | 05-123-11566         | LEFFLER FARM<br>2-21      | LEFFLER FE<br>20-142HN                         | 3  | PATINA OIL<br>and GAS CORP                           | 12/26/1983 | AB                       | 425              | 605  |   | 6878                          |                                       |
| 4   |             | 05-123-26140         | WARD 20-17                | LEFFLER FE<br>20-062HN                         |  | 4-H<br>OPERATING<br>CORP                             |            | AL                       |                  |  |   |                               |                                       |
| 5   |             | 05-123-36507         | LEFFLER I21-<br>75HN      | LEFFLER FE<br>20-059HN                         |  | NOBLE  |            | AL                       |                  |  |   |                               |                                       |
| 6   |             | 05-123-30527         | LINDBLAD 20-2-<br>17      | LEFFLER FE<br>20-019HN                         |  | NOBLE  |            | AL                       |                  |  |   |                               |                                       |
| 7   |             | 05-123-30444         | LINDBLAD 20-2-<br>23      | LEFFLER FE<br>20-102HN                         |  | NOBLE  |            | AL                       |                  | 605  |   |                               |                                       |
| 8   |             | 05-123-33646         | MCGLOTHLIN<br>PC I 17-25D | LEFFLER FE<br>20-019HN                         |  | NOBLE  |            | AL                       |                  |  |   |                               |                                       |
| 9   |             | 05-123-22798         | BROWN 17-33               | LEFFLER FE<br>20-019HN                         |  | PETRO-<br>CANADA<br>RESOURCES<br>(USA) INC           |            | AL                       |                  |  |   |                               |                                       |
| 10  |             | 05-123-23958         | MCGLOTHLIN<br>17-45       | LEFFLER FE<br>20-019HN                         |  | PETRO-<br>CANADA<br>RESOURCES<br>(USA) INC           |            | AL                       |                  |  |   |                               |                                       |
| 11  |             | 05-123-18596         | MILLS 22-12G6             | LEFFLER FE<br>20-182HN                         |  | SNYDER OIL<br>CORP                                   |            | AL                       |                  |  |   |                               |                                       |
| 12  |             | 05-123-11556         | LEFFLER FARM<br>1-21      | LEFFLER FE<br>20-059HN                         | 201  | NOBLE  | 12/15/1983 | PA                       | 430              | 605  |   | 6780                          | 5840                                  |
| 13  |             | 05-123-11846         | DORIS 1                   | LEFFLER FE<br>20-182HN                         | 716  | BAYSWATER<br>EXPLORATION<br>AND<br>PRODUCTION<br>LLC | 06/02/1984 | PR                       | 334              | 605  |   | 6814                          | 6594                                  |
| 14  | x           | 05-123-33273         | FRITZLER 0-2-<br>21       | LEFFLER FE<br>20-102HN                         | 27   | GWOG   | 06/15/2011 | PR                       | 713              | 605  |   | 6874                          | 2756                                  |
| 15  | x           | 05-123-32864         | FRITZLER 11-21            | LEFFLER FE<br>20-059HN                         | 77   | GWOG   | 12/08/2011 | PR                       | 690              | 605  |   | 6846                          | 2450                                  |
| 16  | x           | 05-123-35091         | FRITZLER 11-21<br>-4      | LEFFLER FE<br>20-019HN                         | 1  | GWOG   | 03/25/2012 | PR                       | 722              | 605  |   | 6890                          | 3514                                  |
| 17  |             | 05-123-10764         | FRITZLER 1-17             | LEFFLER FE<br>20-019HN                         | 661  | GWOG   | 08/31/1982 | PR                       | 499              | 605  |   | 6870                          |                                       |
| 18  | x           | 05-123-33213         | FRITZLER 12-21            | LEFFLER FE<br>20-139HN                         | 35   | GWOG   | 02/01/2012 | PR                       | 692              | 605  |   | 6862                          | 1818                                  |
| 19  | x           | 05-123-35997         | FRITZLER 17-23<br>-18     | LEFFLER FE<br>20-019HN                         | 1299   | GWOG   | 08/31/2012 | PR                       | 732              | 605  |   | 7300                          | 1452                                  |
| 20  | x           | 05-123-35996         | FRITZLER 17-32<br>-12     | LEFFLER FE<br>20-019HN                         | 719  | GWOG   | 09/10/2012 | PR                       | 732              | 605  |   | 7278                          | 1962                                  |
| 21  | x           | 05-123-35995         | FRITZLER 17-42<br>-11     | LEFFLER FE<br>20-019HN                         | 721  | GWOG   | 09/18/2012 | PR                       | 732              | 605  |   | 7258                          | 1900                                  |
| 22  | x           | 05-123-35234         | FRITZLER 21-22<br>-14     | LEFFLER FE<br>20-182HN                         | 4  | GWOG   | 03/30/2012 | PR                       | 732              | 605  |   | 6993                          | 2200                                  |
| 23  | x           | 05-123-33214         | FRITZLER 2-2-<br>21       | LEFFLER FE<br>20-102HN                         | 5  | GWOG   | 12/13/2011 | PR                       | 687              | 605  |   | 6904                          | 2570                                  |
| 24  | x           | 05-123-33251         | FRITZLER 34-17            | LEFFLER FE<br>20-019HN                         | 617  | GWOG   | 11/14/2011 | PR                       | 676              | 605  |   | 7028                          | 2250                                  |
| 25  | x           | 05-123-33549         | FRITZLER 43-17            | LEFFLER FE<br>20-019HN                         | 720  | GWOG   | 09/14/2012 | PR                       | 732              | 605  |   | 6945                          | 2000                                  |
| 26  | x           | 05-123-33548         | FRITZLER 6-6-<br>17       | LEFFLER FE<br>20-019HN                         | 1330   | GWOG   | 09/07/2012 | PR                       | 688              | 605  |   | 6945                          | 2000                                  |
| 27  | x           | 05-123-33246         | FRITZLER 6-8-<br>17       | LEFFLER FE<br>20-019HN                         | 75   | GWOG   | 11/17/2011 | PR                       | 690              | 605  |   | 6975                          | 2710                                  |
| 28  | x           | 05-123-33239         | FRITZLER 8-8-<br>17       | LEFFLER FE<br>20-019HN                         | 51   | GWOG   | 12/01/2011 | PR                       | 687              | 605  |   | 6976                          | 2575                                  |
| 29  | x           | 05-123-35052         | HOOD 20-42-11             | LEFFLER FE<br>20-182HN                         | 71   | GWOG   | 04/09/2012 | PR                       | 690              | 605  |   | 6912                          | 2470                                  |

|    |   |              |                    |                     |      |                |            |    |     |     |  |      |      |
|----|---|--------------|--------------------|---------------------|------|----------------|------------|----|-----|-----|--|------|------|
| 30 | x | 05-123-35051 | HOOD 20-42-12      | LEFFLER FE 20-182HN | 7    | GWOG           | 04/03/2012 | PR | 732 | 605 |  | 6963 | 1746 |
| 31 | x | 05-123-32829 | HOOD 41-20         | LEFFLER FE 20-059HN | 2    | GWOG           | 12/18/2011 | PR | 685 | 605 |  | 6853 | 2550 |
| 32 | x | 05-123-33252 | HOOD 6-2-20        | LEFFLER FE 20-102HN | 20   | GWOG           | 11/22/2011 | PR | 690 | 605 |  | 7285 | 1968 |
| 33 | x | 05-123-33265 | MCGLOTHLIN 8-6-17  | LEFFLER FE 20-019HN | 1396 | GWOG           | 11/27/2011 | PR | 700 | 605 |  | 6976 | 2590 |
| 34 |   | 05-123-11154 | WARD ENGLISH 42-20 | LEFFLER FE 20-142HN | 26   | GWOG           | 05/02/1983 | PR | 410 | 605 |  | 6832 | 6319 |
| 35 |   | 05-123-24849 | BATES 20-22        | LEFFLER FE 20-022HC | 1    | NOBLE          | 09/24/2007 | PR | 686 | 605 |  | 6840 | 3070 |
| 36 |   | 05-123-22068 | BROWN 20-13        | LEFFLER FE 20-179HC | 6    | NOBLE          | 04/27/2004 | PR | 399 | 605 |  | 6794 | 3160 |
| 37 |   | 05-123-23850 | BURMAN 16-43       | LEFFLER FE 20-019HN | 467  | NOBLE          | 07/06/2006 | PR | 661 | 605 |  | 6835 | 3190 |
| 38 |   | 05-123-22810 | CARLSON 18-44      | LEFFLER FE 20-019HN | 1388 | NOBLE          | 05/14/2005 | PR | 662 | 605 |  | 6840 | 3594 |
| 39 |   | 05-123-11165 | ENGLISH 31-20      | LEFFLER FE 20-022HN | 126  | NOBLE          | 05/10/1983 | PR | 412 | 605 |  | 6824 | 6390 |
| 40 | x | 05-123-24963 | GOETZEL 20-31      | LEFFLER FE 20-182HN | 850  | NOBLE          | 10/27/2008 | PR | 684 | 605 |  | 6784 | 3020 |
| 41 |   | 05-123-11379 | HALL 1             | LEFFLER FE 20-142HN | 1135 | NOBLE          | 09/17/1983 | PR | 300 | 605 |  | 6838 | 6804 |
| 42 |   | 05-123-12905 | HAROLD B 1         | LEFFLER FE 20-182HN | 656  | NOBLE          | 12/15/1985 | PR | 302 | 605 |  | 6828 | 6310 |
| 43 |   | 05-123-17627 | KOHLER 21-20       | LEFFLER FE 20-182HN | 660  | NOBLE          | 10/05/1994 | PR | 418 | 605 |  | 6909 | 6183 |
| 44 |   | 05-123-23328 | LEFFLER 1 21-2     | LEFFLER FE 20-059HN | 1    | NOBLE          | 11/15/2005 | PR | 452 | 605 |  | 6857 | 3620 |
| 45 |   | 05-123-23329 | LEFFLER I 21-6     | LEFFLER FE 20-142HN | 97   | NOBLE          | 11/05/2005 | PR | 335 | 605 |  | 6868 | 3644 |
| 46 | x | 05-123-23815 | LINDBLAD 17-34     | LEFFLER FE 20-019HN | 733  | NOBLE          | 01/23/2011 | PR | 704 | 605 |  | 6826 | 1990 |
| 47 |   | 05-123-20031 | LINDBLAD 20-21     | LEFFLER FE 20-059HN | 1    | NOBLE          | 10/04/2000 | PR | 402 | 605 |  | 6820 | 75   |
| 48 |   | 05-123-22796 | LINDBLAD 20-23     | LEFFLER FE 20-142HN | 30   | NOBLE          | 06/30/2005 | PR | 660 | 605 |  | 6829 | 6366 |
| 49 | x | 05-123-26734 | LINDBLAD 20-25X    | LEFFLER FE 20-062HN |      | NOBLE          | 01/27/2011 | PR | 698 | 605 |  | 6906 | 1984 |
| 50 |   | 05-123-11341 | LINDBLAD 22-20     | LEFFLER FE 20-142HN | 39   | NOBLE          | 10/18/1983 | PR | 431 | 605 |  | 6855 | 0    |
| 51 |   | 05-123-18559 | POPE 19-1G6        | LEFFLER FE 20-059HN | 1008 | NOBLE          | 10/27/1994 | PR | 415 | 605 |  | 6834 | 6542 |
| 52 |   | 05-123-12232 | STATE-HOPPE 16-1   | LEFFLER FE 20-019HN | 562  | NOBLE          | 01/09/1985 | PR | 352 | 605 |  | 6854 | 6680 |
| 53 |   | 05-123-14890 | BILLINGS 43-21     | LEFFLER FE 20-182HN | 366  | PDC ENERGY ING | 03/22/1991 | PR | 326 | 605 |  | 6817 | 6542 |

Total Wells: 53

Meets Standard(STD): 22

Needs Evaluation: 31