

# 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   |             | 05-123-10754         | WELSH 1                | Churchill<br>28J-423                           | 290  | NOBLE<br>ENERGY INC                 | 08/03/1982 | PR                       | 335              | 162  |   | 6520                          | 6038                                  |
| 2   |             | 05-123-10762         | WONENBERG 1            | Churchill<br>28J-343                           | 56   | NOBLE<br>ENERGY<br>INCORPORAT<br>ED | 07/16/1982 | PR                       | 336              | 162  |   | 6608                          | 6162                                  |
| 3   |             | 05-123-10837         | MEISINGER 1            | Churchill<br>28E-423                           | 1186   | NOBLE<br>ENERGY INC                 | 10/09/1982 | PR                       | 341              | 162  |   | 6584                          | 6070                                  |
| 4   |             | 05-123-11450         | HENDRICKS 33-<br>2     | Churchill<br>28M-443                           | 1011   | PDC ENERGY<br>INC                   | 11/10/1983 | PR                       | 358              | 162  |   | 6512                          | 5890                                  |
| 5   |             | 05-123-11479         | BAILEY 33-1            | Churchill<br>28J-423                           | 290  | PDC ENERGY<br>INC                   | 11/18/1973 | PR                       | 308              | 162  |   | 6576                          | 6242                                  |
| 6   |             | 05-123-11493         | CHURCHILL 28-<br>1     | Churchill<br>28J-423                           | 215  | PDC ENERGY<br>INC                   | 10/13/1984 | PR                       | 296              | 162  |   | 6620                          | 5860                                  |
| 7   |             | 05-123-11960         | DIC AMATO 42-<br>32    | Churchill<br>28E-203                           | 703  | PDC ENERGY<br>INC                   | 08/28/1984 | PR                       | 305              | 162  |   | 6605                          | 6044                                  |
| 8   |             | 05-123-11998         | ADAMSON 28-1           | Churchill<br>28J-343                           | 86   | PDC ENERGY<br>INC                   | 11/26/1984 | PR                       | 346              | 162  |   | 6620                          | 5848                                  |
| 9   |             | 05-123-12482         | ROSKOP 29-1            | Churchill<br>28E-203                           | 725  | PDC ENERGY<br>INC                   | 06/21/1985 | PR                       | 347              | 162  |   | 6576                          | 5998                                  |
| 10  |             | 05-123-13087         | GILBERT<br>DANLEY 20-1 | Churchill<br>28E-203                           | 1449   | PDC ENERGY<br>INC                   | 07/18/1986 | PR                       | 330              | 162  |   | 6642                          | 5870                                  |
| 11  |             | 05-123-14456         | CHURCHILL<br>28A-1     | Churchill<br>28J-343                           | 8  | PDC ENERGY<br>INC                   | 10/31/1989 | PR                       | 309              | 162  |   | 6554                          | 6240                                  |
| 12  |             | 05-123-14471         | CHURCHILL<br>28A 2     | Churchill<br>28J-343                           | 123  | PDC ENERGY<br>INC                   | 11/06/1989 | PR                       | 323              | 162  |   | 6554                          | 6154                                  |
| 13  |             | 05-123-15254         | CHESTNUT 3             | Churchill<br>28M-443                           | 1576   | PDC ENERGY<br>INC                   | 09/30/1991 | SI                       | 308              | 162  |   |                               | 6044                                  |
| 14  |             | 05-123-15412         | BLAKE B 29-09          | Churchill<br>28E-203                           | 928  | NOBLE                               | 12/18/1991 | PR                       | 308              | 162  |   | 6594                          | 6074                                  |
| 15  |             | 05-123-15415         | BLAKE B29-16           | Churchill<br>28E-203                           | 835  | NOBLE<br>ENERGY INC                 | 12/07/1991 | PR                       | 315              | 162  |   | 6593                          | 6110                                  |
| 16  |             | 05-123-15894         | ELDER 14-21            | Churchill<br>28M-443                           | 790  | PDC ENERGY<br>INC                   | 12/30/1992 | PR                       | 230              | 162  |   | 6507                          | 6002                                  |
| 17  |             | 05-123-15895         | ELDER 13-21            | Churchill<br>28E-203                           | 1166   | PDC ENERGY<br>INC                   | 12/19/1992 | PR                       | 226              | 162  |   | 6562                          | 5862                                  |
| 18  |             | 05-123-15977         | CHURCHILL 28-<br>2     | Churchill<br>28M-443                           | 181  | PDC ENERGY<br>INC                   | 08/03/1992 | PR                       | 324              | 162  |   | 6534                          | 6050                                  |
| 19  |             | 05-123-15980         | BAILEY 33-2            | Churchill<br>28J-343                           | 27   | PDC ENERGY<br>INC                   | 08/17/1992 | PR                       | 303              | 162  |   | 6603                          |                                       |
| 20  |             | 05-123-18467         | HALL 28-3              | Churchill<br>28M-443                           | 879  | PDC ENERGY<br>INC                   | 08/13/1994 | PR                       | 369              | 162  |   | 6530                          | 6162                                  |
| 21  |             | 05-123-18468         | HALL 28-4              | Churchill<br>28M-443                           | 968  | PDC ENERGY<br>INC                   | 08/09/1994 | PR                       | 384              | 162  |   | 6526                          |                                       |
| 22  |             | 05-123-19407         | HENDRICKS 33-<br>4     | Churchill<br>28M-443                           | 939  | PDC ENERGY<br>INC                   | 07/05/1997 | PR                       | 360              | 162  |   | 6564                          | 6000                                  |
| 23  |             | 05-123-19417         | ADAMSON 28-2           | Churchill<br>28J-343                           | 78   | PDC ENERGY<br>INC                   | 07/09/1997 | PR                       | 367              | 162  |   | 6572                          | 6040                                  |
| 24  |             | 05-123-19483         | SCHOTT B 33-<br>11     | Churchill<br>28J-423                           | 1194   | NOBLE<br>ENERGY<br>INCORPORAT<br>ED | 11/10/1997 | PR                       | 365              | 162  |   | 6589                          | 6286                                  |
| 25  |             | 05-123-19494         | WELCH B28-11           | Churchill<br>28J-423                           | 58   | NOBLE<br>ENERGY INC                 | 02/11/1998 | PR                       | 398              | 162  |   | 6532                          | 6180                                  |
| 26  |             | 05-123-22800         | CROSS 32-11            | Churchill<br>28E-203                           | 764  | PETRO-<br>CANADA<br>RESOURCES       | 09/07/2000 | DA                       | 505              | 162  |   | 6687                          |                                       |
| 27  |             | 05-123-21153         | CROSS 32-11A           | Churchill<br>28E-203                           | 531  | NOBLE<br>ENERGY INC                 | 03/21/2003 | PR                       | 502              | 162  |   | 6642                          | 6084                                  |
| 28  |             | 05-123-21181         | WONENBERG<br>B33-3     | Churchill<br>28J-423                           | 307  | NOBLE<br>ENERGY<br>INCORPORAT<br>ED | 02/27/2003 | PR                       | 570              | 162  |   | 6550                          | 6348                                  |
| 29  |             | 05-123-21759         | OTTENHOFF 41<br>-29    | Churchill<br>28E-203                           | 796  | PDC ENERGY<br>INC                   | 01/01/2004 | PR                       | 387              | 162  |   | 6548                          | 0                                     |
| 30  |             | 05-123-22565         | HENDRICKS 5            | Churchill<br>28M-443                           | 1469   | PDC ENERGY<br>INC                   | 12/09/2004 | PR                       | 411              | 162  |   | 6548                          | 0                                     |

|    |   |              |                     |                      |      |                                     |            |    |     |     |  |      |      |
|----|---|--------------|---------------------|----------------------|------|-------------------------------------|------------|----|-----|-----|--|------|------|
| 31 |   | 05-123-23412 | HALL 28-5           | Churchill<br>28M-443 | 1387 | PDC ENERGY<br>INC                   | 11/25/2005 | PR | 396 | 162 |  | 6570 | 0    |
| 32 |   | 05-123-25024 | CHURCHILL 2-<br>7I  | Churchill<br>28M-443 | 170  | PDC ENERGY<br>INC                   | 06/04/2007 | PR | 419 | 162 |  | 6596 | 0    |
| 33 |   | 05-123-25025 | CHURCHILL 2-<br>6B  | Churchill<br>28M-443 | 154  | PDC ENERGY<br>INC                   | 05/25/2007 | PR | 419 | 162 |  | 6622 | 460  |
| 34 |   | 05-123-25089 | OTTENHOFF 41<br>-7B | Churchill<br>28E-203 | 146  | PDC ENERGY<br>INC                   | 06/12/2007 | PR | 404 | 162 |  | 6651 | 0    |
| 35 |   | 05-123-25090 | OTTENHOFF 41<br>-6B | Churchill<br>28E-203 | 782  | PDC ENERGY<br>INC                   | 06/24/2007 | PR | 404 | 162 |  | 6714 | 0    |
| 36 |   | 05-123-25232 | CARLSON 5           | Churchill<br>28E-203 | 1285 | PDC ENERGY<br>INC                   | 07/01/2007 | PR | 423 | 162 |  | 6586 | 0    |
| 37 |   | 05-123-25595 | CHURCHILL 5         | Churchill<br>28J-443 | 266  | PDC ENERGY<br>INC                   | 12/27/2004 | PR | 355 | 162 |  | 6526 | 0    |
| 38 | x | 05-123-28192 | ADAMSON 1-6I        | Churchill<br>28J-343 | 47   | PDC ENERGY<br>INC                   | 10/21/2008 | PR | 543 | 162 |  | 6734 | 30   |
| 39 | x | 05-123-29053 | ADAMSON 5           | Churchill<br>28J-343 | 88   | PDC ENERGY<br>INC                   | 10/27/2008 | PR | 558 | 162 |  | 6642 | 122  |
| 40 | x | 05-123-29200 | BELL B 29-22D       | Churchill<br>28E-203 | 1382 | NOBLE<br>ENERGY<br>INCORPORAT<br>ED | 12/10/2008 | PR | 523 | 162 |  | 6701 | 238  |
| 41 | x | 05-123-30870 | HOFFMAN B 33-<br>19 | Churchill<br>28J-443 | 280  | NOBLE<br>ENERGY<br>INCORPORAT<br>ED | 02/19/2011 | PR | 558 | 162 |  | 6555 | 1499 |

Total Wells: 41

Meets Standard(STD): 4

Needs Evaluation: 37