

# 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   | x           | 05-123-33848         | RHINO STATE<br>D 27-28D    | GUTTERSE<br>N STATE<br>D34-749                 |  | NOBLE<br>ENERGY INC                  | 08/19/2011 | PR                       | 822              | 701  |   | 7363                          | 1168                                  |
| 2   |             | 05-123-17007         | CAMOLO RED<br>D 27-5       | GUTTERSE<br>N STATE<br>D34-779                 |  | NOBLE<br>ENERGY INC                  | 05/31/1993 | SI                       | 690              | 684  |   | 6853                          | 6113                                  |
| 3   |             | 05-123-17010         | CAMOLO RED<br>D 27-12      | GUTTERSE<br>N STATE<br>D34-779                 |  | NOBLE<br>ENERGY INC                  | 06/05/1993 | SI                       | 686              | 701  |   | 6756                          | 4092                                  |
| 4   |             | 05-123-17011         | CAMOLE RED D<br>27-14      | GUTTERSE<br>N STATE<br>D34-759                 |  | NOBLE<br>ENERGY INC                  | 06/10/1993 | PR                       | 697              | 731  |   | 6764                          | 6120                                  |
| 5   | x           | 05-123-33849         | RHINO D 27-<br>18D         | GUTTERSE<br>N STATE<br>D34-749                 |  | NOBLE<br>ENERGY INC                  | 08/27/2011 | PR                       |                  | 700  |   | 6968                          | 1730                                  |
| 6   | x           | 05-123-33846         | RHINO D 27-<br>19D         | GUTTERSE<br>N STATE<br>D34-769                 |  | NOBLE<br>ENERGY INC                  | 08/15/2011 | PR                       | 839              | 701  |   | 7129                          | 1780                                  |
| 7   | x           | 05-123-33862         | HIPPO D27-25D              | GUTTERSE<br>N STATE<br>D34-769                 |  | NOBLE<br>ENERGY INC                  | 10/07/2011 | PR                       |                  | 710  |   | 6958                          | 1900                                  |
| 8   | x           | 05-123-33857         | HIPPO D27-24D              | GUTTERSE<br>N STATE<br>D34-749                 |  | NOBLE<br>ENERGY INC                  | 09/19/2011 | PR                       | 818              | 709  |   | 6810                          | 1340                                  |
| 9   |             | 05-123-17008         | CAMOLO RED<br>D 27-6       | GUTTERSE<br>N STATE<br>D34-759                 |  | NOBLE<br>ENERGY INC                  | 05/21/1993 | SI                       | 653              | 689  |   | 6747                          | 6035                                  |
| 10  | x           | 05-123-33850         | HIPPO D34-28D              | GUTTERSE<br>N STATE<br>D34-749                 |  | NOBLE<br>ENERGY INC                  | 09/23/2011 | PR                       |                  | 709  |   | 7147                          | 1690                                  |
| 11  |             | 05-123-23726         | LIAM D 34-12               | GUTTERSE<br>N STATE<br>D34-779                 |  | NOBLE<br>ENERGY INC                  | 04/15/2006 | PR                       | 813              | 716  |   | 6753                          | 3883                                  |
| 12  |             | 05-123-17009         | CAMOLO RED<br>D 27-11      | GUTTERSE<br>N STATE<br>D34-759                 |  | NOBLE<br>ENERGY<br>PRODUCTION<br>INC | 05/26/1993 | PA                       | 682              | 714  |   | 6818                          | 6150                                  |
| 13  |             | 05-123-23725         | LIAM D 34-11               | GUTTERSE<br>N STATE<br>D34-759                 |  | NOBLE<br>ENERGY INC                  | 05/01/2006 | PR                       | 837              | 778  |   | 6754                          | 3430                                  |
| 14  |             | 05-123-23723         | LIAM D 34-13               | GUTTERSE<br>N STATE<br>D34-779                 |  | NOBLE<br>ENERGY INC                  | 04/21/2006 | PR                       | 832              | 768  |   | 6772                          | 5206                                  |
| 15  | x           | 05-123-33859         | RHINO D 27-21              | GUTTERSE<br>N STATE<br>D34-749                 |  | NOBLE<br>ENERGY INC                  | 08/23/2011 | PR                       | 825              | 700  |   | 6840                          | 2020                                  |
| 16  | x           | 05-123-33851         | RHINO D 27-<br>20D         | GUTTERSE<br>N STATE<br>D34-769                 |  | NOBLE<br>ENERGY INC                  | 08/10/2011 | PR                       | 829              | 701  |   | 6965                          | 1920                                  |
| 17  |             | 05-123-23728         | LIAM D 34-25               | GUTTERSE<br>N STATE<br>D34-769                 |  | NOBLE<br>ENERGY INC                  | 04/11/2006 | SI                       | 833              | 766  |   | 6754                          | 5689                                  |
| 18  |             | 05-123-23724         | LIAM D 34-14               | GUTTERSE<br>N STATE<br>D34-759                 |  | NOBLE<br>ENERGY INC                  | 04/26/2006 | PR                       | 832              | 779  |   | 6774                          | 3524                                  |
| 19  | x           | 05-123-33860         | HIPPO D34-29D              | GUTTERSE<br>N STATE<br>D34-769                 |  | NOBLE<br>ENERGY INC                  | 09/28/2011 | PR                       |                  | 710  |   | 7233                          | 1824                                  |
| 20  |             | 05-123-17006         | CAMOLO RED<br>D 27-4       | GUTTERSE<br>N STATE<br>D34-779                 |  | NOBLE<br>ENERGY INC                  | 05/16/1993 | SI                       | 610              | 661  |   | 6740                          | 3624                                  |
| 21  |             | 05-123-18744         | HSR-WASTE<br>SERVICES 4-34 | GUTTERSE<br>N STATE<br>D34-779                 |  | NOBLE<br>ENERGY INC                  | 12/02/1994 | SI                       | 824              | 727  |   | 6768                          | 5948                                  |
| 22  |             | 05-123-16625         | CAMOLO RED<br>D 27-3J      | GUTTERSE<br>N STATE<br>D34-779                 |  | NOBLE<br>ENERGY INC                  | 12/23/1992 | SI                       | 616              | 707  |   | 6766                          | 6020                                  |
| 23  |             | 05-123-19137         | HSR-WASTE<br>SERVICES 5-34 | GUTTERSE<br>N STATE<br>D34-779                 |  | NOBLE<br>ENERGY INC                  | 04/21/1996 | SI                       |                  | 735  |   | 6740                          | 5490                                  |

|    |   |              |                            |                          |  |                          |            |    |      |     |  |      |      |
|----|---|--------------|----------------------------|--------------------------|--|--------------------------|------------|----|------|-----|--|------|------|
| 24 |   | 05-123-16624 | CAMOLO RED D 27-2J         | GUTTERSE N STATE D34-769 |  | NOBLE ENERGY INC         | 12/13/1992 | SI | 641  | 671 |  | 6740 | 6291 |
| 25 | x | 05-123-38202 | Oscar Y 10-75-1HC          | GUTTERSE N STATE D34-749 |  | NOBLE ENERGY INC         | 10/11/2014 | PR | 1193 | 841 |  | 6959 | 500  |
| 26 | x | 05-123-38201 | OSCAR Y 10-75HN            | GUTTERSE N STATE D34-749 |  | NOBLE ENERGY INC         | 10/01/2014 | PR | 1179 | 842 |  | 6869 | 594  |
| 27 | x | 05-123-38193 | OSCAR Y 10-78-1HC          | GUTTERSE N STATE D34-779 |  | NOBLE ENERGY INC         | 01/28/2014 | SI | 1146 | 869 |  | 6848 | 1025 |
| 28 | x | 05-123-38199 | OSCAR Y 10-76HN            | GUTTERSE N STATE D34-759 |  | NOBLE ENERGY INC         | 03/02/2014 | SI | 1164 | 840 |  | 6836 | 360  |
| 29 | x | 05-123-38198 | OSCAR Y 10-77HN            | GUTTERSE N STATE D34-769 |  | NOBLE ENERGY INC         | 04/19/2014 | PR | 1168 | 841 |  | 6933 | 775  |
| 30 | x | 05-123-38195 | OSCAR Y 10-76-1HN          | GUTTERSE N STATE D34-759 |  | NOBLE ENERGY INC         | 02/17/2014 | PR | 1163 | 839 |  | 6936 | 300  |
| 31 | x | 05-123-38197 | OSCAR Y 10-77-1HC          | GUTTERSE N STATE D34-769 |  | NOBLE ENERGY INC         | 04/01/2014 | SI |      | 840 |  | 6885 | 810  |
| 32 | x | 05-123-38189 | OSCAR Y 10-78-1HN          | GUTTERSE N STATE D34-779 |  | NOBLE ENERGY INC         | 01/12/2014 | SI | 1145 | 869 |  | 7002 | 300  |
| 33 | x | 05-123-38200 | Oscar Y 10-75-1HN          | GUTTERSE N STATE D34-749 |  | NOBLE ENERGY INC         | 10/23/2014 | PR |      | 840 |  | 6867 | 425  |
| 34 | x | 05-123-38190 | OSCAR Y 10-79-1HN          | GUTTERSE N STATE D34-779 |  | NOBLE ENERGY INC         | 03/01/2014 | SI |      | 869 |  | 6967 | 800  |
| 35 | x | 05-123-38192 | OSCAR Y 10-79-1HC          | GUTTERSE N STATE D34-779 |  | NOBLE ENERGY INC         | 03/14/2014 | SI | 1165 | 869 |  | 6867 | 900  |
| 36 | x | 05-123-33933 | Liam D34-33                | GUTTERSE N STATE D34-779 |  | NOBLE ENERGY INC         | 10/18/2011 | SI | 853  | 766 |  | 6718 | 1510 |
| 37 |   | 05-123-16889 | KYLE WHITE D 27-15         | GUTTERSE N STATE D34-749 |  | NOBLE ENERGY INC         | 04/25/1993 | SI | 604  | 730 |  | 6741 | 5798 |
| 38 |   | 05-123-17131 | ESTES D 27-7               | GUTTERSE N STATE D34-749 |  | NOBLE ENERGY INC         | 07/08/1993 | SI | 609  | 683 |  | 6711 | 6326 |
| 39 |   | 05-123-16535 | KYLE WHITE D 27-2          | GUTTERSE N STATE D34-749 |  | NOBLE ENERGY INC         | 04/21/1993 | SI | 612  | 673 |  | 6738 | 5964 |
| 40 |   | 05-123-17132 | ESTES D 27-10              | GUTTERSE N STATE D34-749 |  | NOBLE ENERGY INC         | 07/02/1993 | SI | 642  | 707 |  | 6786 | 4056 |
| 41 | x | 05-123-38191 | Oscar Y10-79HN             | GUTTERSE N STATE D34-779 |  | NOBLE ENERGY INC         | 03/30/2014 | PR | 1154 | 869 |  | 6999 | 895  |
| 42 |   | 05-123-17311 | O'SH D 22-13               | GUTTERSE N STATE D34-779 |  | NOBLE ENERGY INC         | 08/31/1993 | PR | 686  | 640 |  | 6731 | 6235 |
| 43 | x | 05-123-38204 | OSCAR Y 10-74-1HC          | GUTTERSE N STATE D34-749 |  | NOBLE ENERGY INC         | 11/16/2014 | PR | 1176 | 839 |  | 6809 | 450  |
| 44 |   | 05-123-17312 | O'SH D 22-14               | GUTTERSE N STATE D34-759 |  | NOBLE ENERGY INC         | 09/23/1993 | PR | 678  | 643 |  | 6717 | 6190 |
| 45 | x | 05-123-33856 | HIPPO D34-30D              | GUTTERSE N STATE D34-779 |  | NOBLE ENERGY INC         | 10/02/2011 | PR | 818  | 711 |  | 7680 | 1350 |
| 46 |   | 05-123-24792 | WASTE MANAGEMENT USX Y 3-3 | GUTTERSE N STATE D34-759 |  | NOBLE ENERGY INC         | 07/02/2007 | SI | 915  | 778 |  | 6753 | 3844 |
| 47 |   | 05-123-24793 | WASTE MANAGEMENT USX Y 3-4 | GUTTERSE N STATE D34-779 |  | NOBLE ENERGY INC         | 06/19/2007 | SI | 911  | 763 |  | 6748 | 3810 |
| 48 | x | 05-123-38203 | OSCAR Y 10-74-1HN          | GUTTERSE N STATE D34-749 |  | NOBLE ENERGY INC         | 11/30/2014 | PR |      | 839 |  | 6873 | 825  |
| 49 | x | 05-123-38380 | OSCAR Y 10-78HN            | GUTTERSE N STATE D34-779 |  | NOBLE ENERGY INC         | 02/11/2014 | SI | 1155 | 869 |  | 6890 | 940  |
| 50 |   | 05-123-07266 | UPRR AMOCO 1 63            | GUTTERSE N STATE D34-749 |  | AMOCO PRODUCTION COMPANY | 03/10/1971 | PA | 455  |     |  |      | 6518 |

|    |   |              |                          |                                |  |                     |            |    |     |     |   |      |      |
|----|---|--------------|--------------------------|--------------------------------|--|---------------------|------------|----|-----|-----|---|------|------|
| 51 |   | 05-123-16069 | SPIKE ST GWS<br>D 22-15  | GUTTERSE<br>N STATE<br>D34-749 |  | NOBLE<br>ENERGY INC | 09/05/1992 | PR | 563 | 641 |   | 6719 | 6034 |
| 52 |   | 05-123-22900 | GUTTERSEN<br>D33-9       | GUTTERSE<br>N STATE<br>D34-779 |  | NOBLE<br>ENERGY INC | 07/15/2005 | PR | 811 | 754 |   | 6743 | 3760 |
| 53 | x | 05-123-37944 | Oscar Y 10-<br>73HN      | GUTTERSE<br>N STATE<br>D34-749 |  | NOBLE<br>ENERGY INC | 10/04/2014 | PR |     | 842 |   | 6883 | 320  |
| 54 | x | 05-123-33847 | HIPPO D27-23D            | GUTTERSE<br>N STATE<br>D34-749 |  | NOBLE<br>ENERGY INC | 09/11/2011 | PR | 824 | 710 |   | 6988 | 1360 |
| 55 | x | 05-123-33861 | HIPPO D34-27D            | GUTTERSE<br>N STATE<br>D34-749 |  | NOBLE<br>ENERGY INC | 09/15/2011 | PR | 813 | 710 |   | 7308 | 2267 |
| 56 |   | 05-123-17188 | O'SH D 28-8              | GUTTERSE<br>N STATE<br>D34-779 |  | NOBLE<br>ENERGY INC | 08/20/1993 | SI | 661 | 660 |   | 6734 | 6130 |
| 57 |   | 05-123-16848 | CYDNEY WHITE<br>D 33-1   | GUTTERSE<br>N STATE<br>D34-779 |  | NOBLE<br>ENERGY INC | 04/25/1993 | SI | 681 | 712 |   | 6726 | 6120 |
| 58 |   | 05-123-22901 | GUTTERSEN D<br>33-16     | GUTTERSE<br>N STATE<br>D34-779 |  | NOBLE<br>ENERGY INC | 07/09/2005 | PR | 793 | 746 | x | 6758 | 3966 |
| 59 | x | 05-123-33858 | RHINO D 27-<br>22D       | GUTTERSE<br>N STATE<br>D34-749 |  | NOBLE<br>ENERGY INC | 09/05/2011 | PR |     | 700 |   | 6957 | 1650 |
| 60 | x | 05-123-37941 | Oscar Y 10-73-<br>1HC    | GUTTERSE<br>N STATE<br>D34-749 |  | NOBLE<br>ENERGY INC | 10/16/2014 | PR |     | 842 |   | 6952 | 170  |
| 61 | x | 05-123-33852 | RHINO STATE<br>D 27-27D  | GUTTERSE<br>N STATE<br>D34-749 |  | NOBLE<br>ENERGY INC | 08/31/2011 | PR |     | 701 |   | 7614 | 1994 |
| 62 |   | 05-123-24387 | WASTE MGMT<br>USX Y 3-19 | GUTTERSE<br>N STATE<br>D34-769 |  | NOBLE<br>ENERGY INC | 06/07/2007 | SI | 907 | 779 |   | 6747 | 2956 |
| 63 | x | 05-123-33856 | HIPPO D34-30D            | GUTTERSE<br>N STATE<br>D34-769 |  | NOBLE<br>ENERGY INC | 10/02/2011 | PR | 818 | 711 |   | 7680 | 1350 |
| 64 | x | 05-123-33847 | HIPPO D27-23D            | GUTTERSE<br>N STATE<br>D34-759 |  | NOBLE<br>ENERGY INC | 09/11/2011 | PR | 824 | 710 |   | 6988 | 1360 |
| 65 | x | 05-123-33861 | HIPPO D34-27D            | GUTTERSE<br>N STATE<br>D34-759 |  | NOBLE<br>ENERGY INC | 09/15/2011 | PR | 813 | 710 |   | 7308 | 2267 |
| 66 | x | 05-123-33858 | RHINO D 27-<br>22D       | GUTTERSE<br>N STATE<br>D34-759 |  | NOBLE<br>ENERGY INC | 09/05/2011 | PR |     | 700 |   | 6957 | 1650 |
| 67 | x | 05-123-33852 | RHINO STATE<br>D 27-27D  | GUTTERSE<br>N STATE<br>D34-759 |  | NOBLE<br>ENERGY INC | 08/31/2011 | PR |     | 701 |   | 7614 | 1994 |

Total Wells: 67

Meets Standard(STD): 37

Needs Evaluation: 30