

OFFSET WELL EVALUATIONS

| No. | Meet STD | Offset Well API # | Well Name | Nearest Proposed Horizontal Well Name | Shortest Horizontal Distance From Offset Well to any Proposed HZ Well | Offset Well Operator | Spud Date | Offset Well Status | Setting Depth | Base of Fox Hills or Depth of Deepest Water Well | Historical Remedial Work to provide Fox Hills Coverage | Objective Formation Top | Productive Casing Cement Top |
|-----|-------------|----------------------|----------------------------------|--|--|-------------------------|------------|--------------------------|------------------|--|---|-------------------------------|---------------------------------------|
| 1 | | 05-123-11015 | TWO E RANCH 1-10 | GUTTERSE N D10-725 | | PDC ENERGY INC | 01/29/1983 | PR | 393 | 602 | | 6639 | 6200 |
| 2 | x | 05-123-30259 | GUTTERSEN STATE D 15-27 | GUTTERSE N D10-730 | | NOBLE ENERGY INC | 03/15/2010 | SI | 641 | 602 | | 6670 | 1841 |
| 3 | x | 05-123-29082 | GUTTERSEN STATE D 10-24 | GUTTERSE N D10-750 | | NOBLE ENERGY INC | 05/19/2009 | SI | | 602 | | 6679 | 872 |
| 4 | x | 05-123-28197 | GUTTERSEN D 03-17 | GUTTERSE N D10-730 | | NOBLE ENERGY INC | 05/12/2009 | PR | 688 | 602 | | 6597 | 786 |
| 5 | x | 05-123-33621 | SPIKE STATE D10-21D | GUTTERSE N D10-750 | | NOBLE ENERGY INC | 07/18/2011 | SI | 788 | 602 | | 6841 | 1050 |
| 6 | x | 05-123-32939 | KARCH STATE D10-22 | GUTTERSE N D10-730 | | NOBLE ENERGY INC | 07/14/2011 | SI | 692 | 602 | | 6682 | 1810 |
| 7 | | 05-123-22932 | SPIKE STATE D 10-23 | GUTTERSE N D10-730 | | NOBLE ENERGY INC | 06/28/2005 | SI | 569 | 602 | | 6668 | 6088 |
| 8 | | 05-123-18094 | HSR- GUTTERSEN "A" 9-3 | GUTTERSE N D10-725 | | NOBLE ENERGY INC | 03/25/1994 | SI | 486 | 602 | | 6601 | 5680 |
| 9 | x | 05-123-31915 | BECCA D03-24 | GUTTERSE N D10-750 | | NOBLE ENERGY INC | 02/21/2012 | PR | 744 | 602 | | 6624 | 2638 |
| 10 | | 05-123-16134 | KARCH BLUE D 10-02 | GUTTERSE N D10-745 | | NOBLE ENERGY INC | 10/15/1992 | SI | 465 | 602 | | 6652 | 6052 |
| 11 | x | 05-123-31880 | Cody D 03-28 | GUTTERSE N D10-750 | | NOBLE ENERGY INC | 05/06/2011 | SI | 700 | 602 | | 6640 | 1650 |
| 12 | | 05-123-16136 | KARCH BLUE D 10-08 | GUTTERSE N D10-725 | | NOBLE ENERGY INC | 10/21/1992 | SI | 475 | 602 | | 6657 | 6240 |
| 13 | | 05-123-16135 | KARCH BLUE D 10-07 | GUTTERSE N D10-745 | | NOBLE ENERGY INC | 10/19/1992 | SI | 463 | 602 | | 6639 | 5989 |
| 14 | | 05-123-15932 | SPIKE D 10-10 | GUTTERSE N D10-735 | | NOBLE ENERGY INC | 07/24/1992 | SI | 470 | 602 | | 6674 | 6116 |
| 15 | | 05-123-15928 | SPIKE ST GWS D 10-15 | GUTTERSE N D10-735 | | NOBLE ENERGY INC | 07/24/1992 | PA | 479 | 602 | | 6686 | 6172 |
| 16 | | 05-123-18096 | HSR- GUTTERSEN 15 -3 | GUTTERSE N D10-735 | | NOBLE ENERGY INC | 04/04/1994 | SI | 699 | 602 | | 6616 | 5894 |
| 17 | | 05-123-18097 | HSR- GUTTERSEN "A" 16-3 | GUTTERSE N D10-725 | | NOBLE ENERGY INC | 03/30/1994 | SI | 487 | 602 | | 6594 | 5698 |
| 18 | x | 05-123-38323 | CHANDLER STATE D15-73- 1HN | GUTTERSE N D10-725 | | NOBLE ENERGY INC | 04/29/2014 | PR | 667 | 602 | | 6866 | 1240 |
| 19 | | 05-123-15933 | SPIKE ST GWS D 10-09 | GUTTERSE N D10-725 | | NOBLE ENERGY INC | 08/03/1992 | SI | 467 | 602 | | 6640 | 5954 |
| 20 | | 05-123-16941 | CODY WHITE D 3-2 | GUTTERSE N D10-745 | | NOBLE ENERGY INC | 04/23/1993 | PR | 481 | 602 | | 6599 | 5472 |
| 21 | x | 05-123-38322 | CHANDLER STATE D15-72- 1HN | GUTTERSE N D10-715 | | NOBLE ENERGY INC | 04/17/2014 | PR | | 602 | | 6762 | 300 |
| 22 | | 05-123-16940 | CODY WHITE D 3-1 | GUTTERSE N D10-725 | | NOBLE ENERGY INC | 04/16/1993 | PR | 480 | 602 | | 6586 | 5905 |
| 23 | | 05-123-19037 | CODY D #3-7 | GUTTERSE N D10-745 | | NOBLE ENERGY INC | 12/11/1995 | PR | 503 | 602 | | 6596 | 2788 |
| 24 | | 05-123-15927 | SPIKE ST GWS D 10-16 | GUTTERSE N D10-725 | | NOBLE ENERGY INC | 07/29/1992 | PA | 478 | 602 | | 6675 | 6176 |
| 25 | | 05-123-16942 | CODY WHITE D 3-8 | GUTTERSE N D10-725 | | NOBLE ENERGY INC | 04/10/1993 | PR | 500 | 602 | | 6591 | 5970 |
| 26 | | 05-123-18095 | HSR- GUTTERSEN 10 -3 | GUTTERSE N D10-745 | | NOBLE ENERGY INC | 03/21/1994 | SI | 531 | 602 | | 6626 | 5935 |
| 27 | x | 05-123-30498 | GUTTERSEN D 15-28 | GUTTERSE N D10-750 | | NOBLE ENERGY INC | 03/20/2010 | SI | | 602 | | 6694 | 1616 |
| 28 | x | 05-123-30074 | GUTTERSEN D 03-27 | GUTTERSE N D10-730 | | NOBLE ENERGY INC | 05/08/2009 | PR | | 425 | | 6619 | 300 |
| 29 | x | 05-123-38321 | CHANDLER STATE D15-74- 1HN | GUTTERSE N D10-730 | | NOBLE ENERGY INC | 05/08/2014 | PR | 668 | 602 | | 6864 | 308 |
| 30 | x | 05-123-31847 | DONOVAN D 02 -30 | GUTTERSE N D10-715 | | NOBLE ENERGY INC | 02/25/2012 | PR | | 423 | | 6587 | 2007 |

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|----|---|--------------|--------------------------|--------------------|--|-----------------------------|------------|----|-----|-----|---|------|------|
| 31 | x | 05-123-34143 | GUTTERSEN D 02-32D | GUTTERSE N D10-715 | | NOBLE ENERGY INC | 09/16/2011 | PR | | 602 | | 6725 | 2100 |
| 32 | x | 05-123-35036 | GUTTERSEN D02-33D | GUTTERSE N D10-715 | | NOBLE ENERGY INC | 05/22/2012 | PR | 793 | 602 | | 6783 | 1968 |
| 33 | x | 05-123-29146 | BOOTH D 02-31 | GUTTERSE N D10-715 | | NOBLE ENERGY INC | 07/10/2009 | SI | 715 | 602 | | 6591 | 496 |
| 34 | | 05-123-14024 | TWO E RANCH 3-10 | GUTTERSE N D10-750 | | PDC ENERGY INC | 07/25/1988 | PR | 462 | 602 | | 6618 | 5918 |
| 35 | | 05-123-15929 | SPIKE ST GWS D 10-14 | GUTTERSE N D10-750 | | NOBLE ENERGY INC | 07/20/1992 | PR | 486 | 602 | | 6709 | 6034 |
| 36 | | 05-123-17289 | BECCA D 3-14 | GUTTERSE N D10-750 | | NOBLE ENERGY INC | 08/30/1993 | PR | 489 | 602 | | 6646 | 5970 |
| 37 | | 05-123-15931 | SPIKE STATE GWS D 10-11 | GUTTERSE N D10-750 | | NOBLE ENERGY INC | 07/20/1992 | PR | 474 | 602 | | 6650 | 5900 |
| 38 | | 05-123-17286 | BECCA D 3-11 | GUTTERSE N D10-750 | | NOBLE ENERGY INC | 09/05/1993 | PR | 500 | 602 | | 6657 | 6155 |
| 39 | | 05-123-18458 | HSR-GITTLEIN, L 6-3 | GUTTERSE N D10-750 | | NOBLE ENERGY INC | 08/29/1994 | PR | 806 | 602 | | 6611 | 5882 |
| 40 | | 05-123-18407 | HSR-GITTLEIN, L 3-3 | GUTTERSE N D10-750 | | NOBLE ENERGY INC | 09/02/1994 | PR | 758 | 602 | | 6616 | 6054 |
| 41 | | 05-123-15777 | DUNCAN D 11-5 | GUTTERSE N D10-715 | | NOBLE ENERGY INC | 05/19/1992 | SI | 557 | 602 | | 6641 | 6404 |
| 42 | | 05-123-18975 | CALLY D 15-02 | GUTTERSE N D10-735 | | NOBLE ENERGY INC | 11/29/1995 | SI | 593 | 602 | x | 6666 | 3210 |
| 43 | | 05-123-13113 | ALOYSIUS 34-2 | GUTTERSE N D10-725 | | NOBLE ENERGY INC | 08/02/1986 | PR | 334 | 417 | | 6579 | 6064 |
| 44 | | 05-123-15490 | DUNCAN D 11-12 | GUTTERSE N D10-715 | | NOBLE ENERGY INC | 01/02/1992 | SI | 560 | 602 | | 6646 | 6130 |
| 45 | | 05-123-15936 | DUNCAN D 11-13 | GUTTERSE N D10-715 | | NOBLE ENERGY INC | 07/11/1992 | SI | 565 | 602 | x | 6656 | 5925 |
| 46 | | 05-123-14753 | ALOYSIAS C34-15 | GUTTERSE N D10-745 | | NOBLE ENERGY INC | 09/19/1990 | PR | 373 | 414 | | 6596 | 5980 |
| 47 | | 05-123-16369 | CALLY WHITE D 15-1 | GUTTERSE N D10-715 | | NOBLE ENERGY INC | 11/12/1992 | SI | 650 | 602 | x | 6656 | 6036 |
| 48 | | 05-123-16585 | TANIA BLUE D 2 -12 | GUTTERSE N D10-715 | | NOBLE ENERGY PRODUCTION INC | 01/18/1993 | PA | 484 | 602 | | 6572 | 5892 |
| 49 | | 05-123-14192 | TWO E RANCH 1-11 | GUTTERSE N D10-715 | | PDC ENERGY INC | 01/12/1989 | SI | 434 | 602 | | 6586 | 5690 |
| 50 | | 05-123-22177 | DONOVAN D 2-5JI | GUTTERSE N D10-715 | | NOBLE ENERGY INC | 06/22/2004 | SI | 551 | 602 | | 6591 | 6240 |
| 51 | | 05-123-22180 | DONOVAN D 2-4JI | GUTTERSE N D10-715 | | NOBLE ENERGY INC | 04/10/2005 | SI | 588 | 602 | | 6619 | 6070 |
| 52 | | 05-123-15444 | DUNCAN D 10-6 | GUTTERSE N D10-750 | | NOBLE ENERGY INC | 11/29/1991 | SI | 351 | 602 | | 6660 | 6300 |
| 53 | | 05-123-19144 | HSR-GUTTERSEN 3-15 | GUTTERSE N D10-750 | | NOBLE ENERGY INC | 04/19/1996 | SI | 582 | 554 | | 6686 | 6020 |
| 54 | | 05-123-13179 | ALOYSIUS 34-6 | GUTTERSE N D10-750 | | NOBLE ENERGY INC | 10/01/1986 | PR | 313 | 415 | | 6628 | 6168 |
| 55 | x | 05-123-29120 | GUTTERSEN D 10-29 | GUTTERSE N D10-750 | | NOBLE ENERGY INC | 06/04/2009 | PR | 609 | 602 | | 6646 | 1605 |
| 56 | | 05-123-19142 | HSR-GUTTERSEN-STATE 4-14 | GUTTERSE N D10-715 | | NOBLE ENERGY INC | 04/16/1996 | PA | 586 | 602 | x | 6645 | 6114 |
| 57 | | 05-123-07840 | TWO E RANCHES 14-11 | GUTTERSE N D10-715 | | KAISER-FRANCIS OIL COMPANY | 09/10/1973 | PA | 311 | 602 | | 7348 | 7306 |
| 58 | | 05-123-11198 | L F RANCH 2-2 | GUTTERSE N D10-715 | | PDC ENERGY INC | 06/26/1983 | SI | 444 | 602 | | 6565 | 6218 |
| 59 | x | 05-123-30732 | GUTTERSEN D 15-18 | GUTTERSE N D10-745 | | NOBLE ENERGY INC | 05/21/2010 | SI | | 602 | | 6699 | 2348 |
| 60 | x | 05-123-30497 | GUTTERSEN D 15-29 | GUTTERSE N D10-750 | | NOBLE ENERGY INC | 03/30/2010 | SI | | 530 | | 6672 | 1614 |
| 61 | x | 05-123-28198 | GUTTERSEN D 03-25 | GUTTERSE N D10-750 | | NOBLE ENERGY INC | 05/04/2009 | PR | | 602 | | 6650 | 750 |
| 62 | x | 05-123-31850 | CODY D 3-20 | GUTTERSE N D10-750 | | NOBLE ENERGY INC | 06/07/2011 | PR | | 602 | | 6648 | 2050 |
| 63 | | 05-123-07695 | SPIKE STATE GWS D 10-13J | GUTTERSE N D10-750 | | NOBLE ENERGY INC | 04/24/1973 | PR | 314 | 602 | | 6674 | 6708 |
| 64 | x | 05-123-29059 | GUTTERSEN D 15-17 | GUTTERSE N D10-730 | | NOBLE ENERGY INC | 04/11/2009 | SI | 655 | 602 | | 6673 | 866 |

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| Total Wells: | <u>64</u> |
| Meets Standard(STD): | <u>22</u> |
| Needs Evaluation: | <u>42</u> |