

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 | | 05-123-11886 | DOLL 23-1 | BROWN 23P-201 | | NOBLE ENERGY INC | 07/06/1984 | PR | 404 | 363 | | 6738 | 6216 |
| 2 | x | 05-123-12424 | ANDREW HOP 1 | BROWN 23X-241 | | NOBLE ENERGY INC | 05/28/1985 | PR | 563 | 363 | | 6623 | 6034 |
| 3 | x | 05-123-12428 | SCHEIDT HENRY UT 1 | BROWN 23X-241 | | HS RESOURCES | 05/16/1985 | PA | 574 | 363 | | 6623 | 6576 |
| 4 | x | 05-123-12433 | ROTH 1 | BROWN 23P-201 | | PDC ENERGY INC | 05/04/1985 | PR | 574 | 363 | | 6652 | 5682 |
| 5 | | 05-123-12580 | CAESAR 3-11 | BROWN 23D-421 | | PDC ENERGY INC | 10/05/1985 | PR | 330 | 363 | | 6618 | 6116 |
| 6 | | 05-123-12592 | CAESAR 4-11 | BROWN 23P-201 | | PDC ENERGY INC | 10/26/1985 | PR | 337 | 363 | | 6640 | 6670 |
| 7 | | 05-123-12653 | CELESTE 1-13 | BROWN 23X-241 | | PDC ENERGY INC | 11/17/1985 | PR | 338 | 363 | | 6615 | 6168 |
| 8 | | 05-123-12656 | BROWN 1-23 | BROWN 23X-241 | | PDC ENERGY INC | 12/21/1985 | PR | 309 | 363 | | 6708 | 6166 |
| 9 | | 05-123-12657 | BUDERUSOCK 2-23 | BROWN 23P-221 | | PDC ENERGY INC | 01/08/1991 | PR | 296 | 363 | | 6648 | 6170 |
| 10 | x | 05-123-12658 | NADINE 1-24 | BROWN 23X-241 | | PDC ENERGY INC | 09/29/1985 | PR | 325 | 363 | | 6628 | 6092 |
| 11 | x | 05-123-12672 | ESTHER 1-23 | BROWN 23X-241 | | PDC ENERGY INC | 09/23/1985 | PA | 328 | 363 | | 6631 | 6102 |
| 12 | x | 05-123-12759 | JAMES CLARK GAS UNIT 1 | BROWN 23P-221 | | PDC ENERGY INC | 10/28/1985 | PR | 590 | 363 | | 6625 | 3878 |
| 13 | | 05-123-12784 | SERENA 1-14 | BROWN 23P-201 | 475 | PDC ENERGY INC | 11/04/1985 | PR | 339 | 363 | | 6656 | 6170 |
| 14 | | 05-123-12785 | BUDERUS 1-23 | BROWN 23X-341 | 139 | PDC ENERGY INC | 01/01/1991 | PR | 272 | 363 | | 6643 | 6080 |
| 15 | | 05-123-12843 | BUDAGHER 11-13 | BROWN 23X-241 | 725 | PDC ENERGY INC | 09/29/1985 | PR | 308 | 363 | | 6566 | 6200 |
| 16 | | 05-123-12902 | SUSAN 1-23 | BROWN 23X-341 | 61 | PDC ENERGY INC | 12/09/1985 | PR | 340 | 363 | | 6638 | 6090 |
| 17 | x | 05-123-13063 | CARLSON 44-14 | BROWN 23X-341 | 206 | PDC ENERGY INC | 05/27/1986 | PA | 303 | 363 | | 6643 | 6085 |
| 18 | x | 05-123-13068 | VETTING 24-14 | BROWN 23P-201 | 470 | PDC ENERGY INC | 06/05/1986 | PA | 226 | 363 | | 6624 | 6350 |
| 19 | | 05-123-14532 | CARLSON 2 | BROWN 23D-421 | 134 | PDC ENERGY INC | 01/20/1990 | PR | 316 | 363 | | 6620 | 5964 |
| 20 | x | 05-123-15361 | MEYERS 14-21 | BROWN 23P-201 | 436 | NOBLE ENERGY INC | 12/17/1991 | PR | 459 | 363 | | 6654 | 6128 |
| 21 | x | 05-123-15495 | HOP 13-13B | BROWN 23X-241 | 924 | NOBLE ENERGY INC | 01/19/1992 | PR | 519 | 363 | | 6628 | 6060 |
| 22 | x | 05-123-17537 | ROADIFER 12-13B | BROWN 23X-241 | 1457 | NOBLE ENERGY INC | 10/25/1993 | PR | 509 | 363 | | 6602 | |
| 23 | x | 05-123-18370 | CLARK 14-10H5 | BROWN 23P-321 | 104 | NOBLE ENERGY INC | 07/09/1994 | PR | 419 | 363 | | 6629 | |
| 24 | | 05-123-20073 | JAN 1 | BROWN 23X-341 | 146 | PDC ENERGY INC | 01/30/2001 | PR | 355 | 363 | | 6620 | 302 |
| 25 | | 05-123-20074 | CASS 1 | BROWN 23D-341 | 59 | PDC ENERGY INC | 01/24/2001 | PR | 360 | 363 | | 6632 | 78 |
| 26 | | 05-123-20075 | BETH 1 | BROWN 23X-341 | 166 | PDC ENERGY INC | 06/22/2001 | PR | 374 | 363 | | 6630 | 216 |
| 27 | | 05-123-20306 | CARLSON 14-43 | BROWN 23P-221 | 133 | PDC ENERGY INC | 05/23/2001 | PR | 368 | 363 | | 6614 | 6125 |
| 28 | x | 05-123-20440 | ALLES 23-13 | BROWN 23P-221 | 132 | PDC ENERGY INC | 12/09/2002 | PR | 414 | 363 | | 6900 | 6120 |
| 29 | x | 05-123-20441 | BROWN 23-43 | BROWN 23P-201 | 738 | PDC ENERGY INC | 11/29/2002 | PR | 447 | 363 | | 6641 | 6272 |
| 30 | x | 05-123-20442 | BADLEY 23-31 | BROWN 23P-201 | 696 | PDC ENERGY INC | 12/05/2002 | PR | 415 | 363 | | 6656 | 6240 |
| 31 | x | 05-123-20443 | DE JONG 24-23 | BROWN 23X-241 | 1134 | PDC ENERGY INC | 11/23/2002 | PR | 447 | 363 | | 6624 | 6193 |
| 32 | x | 05-123-23951 | CASS 5 | BROWN 23D-201 | 86 | PDC ENERGY INC | 01/28/2007 | PR | 425 | 363 | | 6636 | 0 |
| 33 | x | 05-123-24575 | RILEY 5 | BROWN 23X-241 | 747 | PDC ENERGY INC | 04/03/2007 | PR | 479 | 363 | | 6747 | 170 |

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|----|---|--------------|---------------------|------------------|------|-----------------------------|------------|----|-----|-----|--|------|------|
| 34 | x | 05-123-25094 | VETTING 1 | BROWN 23P-201 | 932 | EXTRACTION OIL & GAS LLC | 05/03/2007 | PR | 479 | 363 | | 6789 | 3650 |
| 35 | x | 05-123-25284 | VETTING 2 | BROWN 23P-201 | 515 | EXTRACTION OIL & GAS LLC | 11/06/2008 | PR | 440 | 363 | | 6723 | 6230 |
| 36 | x | 05-123-26733 | MARCY 34-11 | BROWN 23D-341 | 1047 | PDC ENERGY INC | 11/08/2008 | PR | 439 | 363 | | 6638 | 1740 |
| 37 | x | 05-123-30500 | DOLL F 23-20D | BROWN 23P-201 | 537 | Noble Energy Inc | 02/17/2010 | PR | 529 | 363 | | 6725 | 1816 |
| 38 | x | 05-123-30618 | HOP F 13-25 | BROWN 23X-241 | 1409 | NOBLE ENERGY INC | 11/20/2009 | PR | 501 | 363 | | 6627 | 1209 |
| 39 | x | 05-123-37798 | ALLES 22D-312 | BROWN 23X-241 | 300 | PDC ENERGY INC | 04/10/2014 | PR | 930 | 363 | | 6777 | 0 |
| 40 | x | 05-123-37799 | ALLES 22S-432 | BROWN 23X-341 | 0 | PDC ENERGY INC | 03/09/2014 | DG | 943 | 363 | | 6762 | 0 |
| 41 | x | 05-123-37800 | ALLES 22D-402 | BROWN 23X-241 | 535 | PDC ENERGY INC | 04/21/2014 | PR | 886 | 363 | | 6817 | 2500 |
| 42 | x | 05-123-37809 | LOFLAND 22D- 232 | BROWN 23X-241 | 834 | PDC ENERGY INC | 01/27/2014 | PR | 933 | 363 | | 6799 | 160 |
| 43 | x | 05-123-37811 | LOFLAND 22T- 402 | BROWN 23X-241 | 1336 | PDC ENERGY INC | 01/14/2014 | PR | 910 | 363 | | 6708 | 1350 |
| 44 | x | 05-123-39223 | ALLES 22S-232 | BROWN 23X-241 | 15 | PDC ENERGY INC | 03/28/2014 | PR | 929 | 363 | | 6785 | 300 |

Total Wells: 44

Meets Standard(STD): 29

Needs Evaluation: 15