

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 | x | 05-123-12461 | LORENZ 1 | J Clark 2N | 630 | AMOCO PRODUCTION COMPANY | | AL | | | | | |
| 2 | x | 05-123-12580 | CAESAR 3-11 | J Clark 16N | 368 | PDC ENERGY INC | 10/05/1985 | PA | 330 | 363 | | 6618 | 6116 |
| 3 | x | 05-123-12592 | CAESAR 4-11 | J Clark 8N | 32 | PDC ENERGY INC | 10/26/1985 | PR | 337 | 363 | | 6640 | 6070 |
| 4 | x | 05-123-12598 | BONERTZ 1 | J Clark 1C | 825 | PDC ENERGY INC | 09/16/1985 | PR | 300 | 120 | | 6599 | 5706 |
| 5 | x | 05-123-12611 | CAESAR 1-14 | J Clark 2N | 657 | PDC ENERGY INC | 09/13/1985 | PA | 340 | 363 | | 6619 | 6382 |
| 6 | x | 05-123-12623 | SETH JONES 1 | J Clark 13N | 35 | NOBLE ENERGY INC | 09/09/1985 | PA | 566 | 363 | | 6600 | 6100 |
| 7 | x | 05-123-12759 | JAMES CLARK GAS UNIT 1 | J Clark 13N | 835 | PDC ENERGY INC | 10/28/1985 | PA | 590 | 363 | | 6625 | 3878 |
| 8 | x | 05-123-13121 | GEISERT 1-11 | J Clark 16N | 791 | EXTRACTION OIL & GAS INC | 10/29/1986 | SI | 325 | 263 | | 6612 | 5970 |
| 9 | x | 05-123-13230 | GEISERT 8-11 | J Clark 16N | 476 | EXTRACTION OIL & GAS INC | 11/04/1986 | SI | 325 | 263 | | 6632 | 6050 |
| 10 | x | 05-123-13470 | JONES 4-11 | J Clark 3N | 11 | PDC ENERGY INC | 06/03/1987 | PR | 326 | 263 | | 6635 | 6120 |
| 11 | x | 05-123-13471 | YAKLICH 5-11 | J Clark 2N | 1118 | PDC ENERGY INC | 05/20/2008 | PR | 295 | 120 | | 6647 | 6200 |
| 12 | | 05-123-13581 | GEISERT 7-11 | J Clark 12N | 3 | SRC ENERGY INC | 09/03/1987 | PR | 304 | 263 | | 6623 | 6148 |
| 13 | x | 05-123-14097 | YAKLICH-PM F 11-3 | J Clark 8N | 86 | SRC ENERGY INC | 02/21/1989 | SI | 347 | 120 | | 6645 | 6218 |
| 14 | x | 05-123-14098 | YAKLICH-PM F 11-6 | J Clark 8N | 1 | SRC ENERGY INC | 02/13/1989 | SI | 314 | 120 | | 6634 | 6176 |
| 15 | x | 05-123-14118 | JOHNSON-PM F 11-12 | J Clark 2N | 25 | NOBLE ENERGY INC | 02/27/1989 | SI | 310 | 120 | | 6620 | 6194 |
| 16 | x | 05-123-14119 | OSTER-PM F 11 -13 | J Clark 3N | 102 | SRC ENERGY INC | 03/05/1989 | SI | 314 | 363 | | 6620 | 6190 |
| 17 | x | 05-123-15361 | MYERS 14-21 | J Clark 8N | 919 | NOBLE ENERGY INC | 12/17/1991 | SI | 459 | 363 | | 6654 | 6128 |
| 18 | x | 05-123-18104 | GREELEY 11- 9H5 | J Clark 16N | 544 | SNYDER OIL CORP | | AL | | | | | |
| 19 | x | 05-123-18252 | DPB BIRD FARM 2-16H5 | J Clark 16N | 1077 | SNYDER OIL CORP | | AL | | | | | |
| 20 | | 05-123-20070 | MCDONNELL 11 -31 | J Clark 8N | 109 | SRC ENERGY INC | 12/05/2000 | SI | 358 | 363 | | 6651 | 4200 |
| 21 | x | 05-123-20075 | BETH 1 | J Clark 16N | 818 | PDC ENERGY INC | 06/22/2001 | PA | 374 | 363 | | 6630 | 216 |
| 22 | x | 05-123-20153 | BONERTZ 41-10 | J Clark 1C | 638 | PDC ENERGY INC | 12/31/2011 | PR | 406 | 263 | | 6600 | 3300 |
| 23 | x | 05-123-20546 | CARLSON HA 41-15 | J Clark 1C | 1341 | EXTRACTION OIL & GAS INC | 08/05/2001 | PR | 414 | 363 | | 6752 | 3254 |
| 24 | x | 05-123-21413 | TURNER 44-10 | J Clark 1C | 799 | EXTRACTION OIL & GAS INC | 04/27/2003 | SI | 412 | 363 | | 6640 | 6120 |
| 25 | x | 05-123-21868 | SAM F 11-9 | J Clark 16N | 544 | NOBLE ENERGY INC | | AL | | | | | |
| 26 | x | 05-123-22368 | NELSON 43-10 | J Clark 1C | 960 | EXTRACTION OIL & GAS INC | 09/17/2004 | SI | 410 | 300 | | 6650 | 3150 |
| 27 | x | 05-123-25287 | GEISERT F 2-16 | J Clark 16N | 1245 | NOBLE ENERGY INC | 05/27/2008 | PR | 433 | 263 | | 6581 | 1600 |
| 28 | x | 05-123-25816 | DPG F 11-19 | J Clark 8N | 5 | NOBLE ENERGY INC | | AL | | | | | |
| 29 | x | 05-123-26602 | SAM F 11-9 | J Clark 16N | 692 | SRC ENERGY INC | 01/02/2008 | SI | 484 | 363 | | 6616 | 1269 |
| 30 | x | 05-123-26733 | MARCY 34-11 | J Clark 13N | 62 | PDC ENERGY INC | 11/08/2008 | PR | 439 | 363 | | 6638 | 1740 |
| 31 | x | 05-123-26995 | GWAA 2-43 (DIR) | J Clark 13N | 1004 | NOBLE ENERGY INC | 11/08/2008 | PR | 392 | 363 | | 6705 | 0 |
| 32 | x | 05-123-27018 | GWAA 2-45 | J Clark 15N | 1376 | NOBLE ENERGY INC | 11/07/2008 | PR | 393 | 363 | | 6652 | 68 |

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|----|---|--------------|-------------------|-------------|------|--------------------------|------------|----|------|-----|--|------|-----|
| 33 | x | 05-123-27068 | GWAA 2-33 (DIR) | J Clark 2N | 1079 | NOBLE ENERGY INC | 09/27/2008 | SI | 414 | 263 | | 6635 | 0 |
| 34 | x | 05-123-27069 | GWAA 2-34 (DIR) | J Clark 8N | 1242 | NOBLE ENERGY INC | 09/19/2008 | SI | 415 | 263 | | 6664 | 0 |
| 35 | x | 05-123-28101 | ISRAEL F 11-33D | J Clark 3N | 48 | NOBLE ENERGY INC | | AL | | | | | |
| 36 | x | 05-123-28102 | ISRAEL F 11-25D | J Clark 3N | 68 | NOBLE ENERGY INC | | AL | | | | | |
| 37 | x | 05-123-29467 | DPG F 11-20 | J Clark 6N | 53 | NOBLE ENERGY INC | | AL | | | | | |
| 38 | x | 05-123-29504 | DPG F 11-18D | J Clark 8N | 29 | NOBLE ENERGY INC | | AL | | | | | |
| 39 | x | 05-123-35083 | DPG FARMS 20-11 | J Clark 15N | 35 | KERR MCGEE OIL & GAS | | AL | | | | | |
| 40 | x | 05-123-35084 | DPG FARMS 25-11 | J Clark 15N | 34 | KERR MCGEE OIL & GAS | | AL | | | | | |
| 41 | x | 05-123-35085 | DPG FARMS 23-11 | J Clark 15N | 34 | KERR MCGEE OIL & GAS | | AL | | | | | |
| 42 | x | 05-123-35087 | DPG FARMS 24-11 | J Clark 15N | 34 | KERR MCGEE OIL & GAS | | AL | | | | | |
| 43 | x | 05-123-35089 | DPG FARMS 40-11 | J Clark 15N | 34 | KERR MCGEE OIL & GAS | | AL | | | | | |
| 44 | x | 05-123-35090 | DPG FARMS 17-11 | J Clark 15N | 34 | KERR MCGEE OIL & GAS | | AL | | | | | |
| 45 | x | 05-123-41105 | ARELLANO R-10-9HC | J Clark 1C | 631 | EXTRACTION OIL & GAS INC | 03/31/2015 | PR | 750 | 300 | | 6783 | 58 |
| 46 | x | 05-123-41106 | ARELLANO K-10-9HN | J Clark 1C | 594 | EXTRACTION OIL & GAS LLC | 03/25/2015 | PR | 791 | 300 | | 6679 | 697 |
| 47 | x | 05-123-41107 | ARELLANO M-10-9HC | J Clark 1C | 605 | EXTRACTION OIL & GAS INC | 03/27/2015 | PR | 791 | 300 | | 6680 | 65 |
| 48 | x | 05-123-41108 | ARELLANO Q-10-9HN | J Clark 1C | 626 | EXTRACTION OIL & GAS INC | 03/30/2015 | PR | 791 | 300 | | 6774 | 42 |
| 49 | x | 05-123-41109 | ARELLANO P-10-9HN | J Clark 1C | 620 | EXTRACTION OIL & GAS INC | 03/30/2015 | PR | 791 | 300 | | 6718 | 30 |
| 50 | x | 05-123-41110 | ARELLANO O-10-9HN | J Clark 1C | 615 | EXTRACTION OIL & GAS INC | 03/29/2015 | PR | 791 | 300 | | 6685 | 34 |
| 51 | x | 05-123-41111 | ARELLANO S-10-9HN | J Clark 1C | 637 | EXTRACTION OIL & GAS INC | 03/31/2015 | PR | 791 | 300 | | 6794 | 46 |
| 52 | x | 05-123-41112 | ARELLANO N-10-9HN | J Clark 1C | 610 | EXTRACTION OIL & GAS INC | 03/29/2015 | PR | 791 | 300 | | 6695 | 20 |
| 53 | x | 05-123-41113 | ARELLANO L-10-9HN | J Clark 1C | 599 | EXTRACTION OIL & GAS INC | 03/26/2015 | PR | 791 | 300 | | 6792 | 55 |
| 54 | x | 05-123-41114 | ARELLANO T-10-9HN | J Clark 1C | 642 | EXTRACTION OIL & GAS INC | 04/01/2015 | PR | 791 | 300 | | 6876 | 400 |
| 55 | x | 05-123-41709 | CARLSON J-15-16HN | J Clark 1C | 1369 | EXTRACTION OIL & GAS INC | 10/07/2015 | PR | 848 | 363 | | 7225 | 41 |
| 56 | x | 05-123-41710 | CARLSON B-15-16HC | J Clark 1C | 1315 | EXTRACTION OIL & GAS INC | 07/09/2015 | PR | 840 | 363 | | 7016 | 41 |
| 57 | x | 05-123-41711 | CARLSON C-15-16HN | J Clark 1C | 1328 | EXTRACTION OIL & GAS INC | 07/10/2015 | PR | 842 | 363 | | 7018 | 98 |
| 58 | x | 05-123-41712 | CARLSON K-15-16HC | J Clark 1C | 1376 | EXTRACTION OIL & GAS INC | 10/07/2015 | PR | 848 | 363 | | 7145 | 44 |
| 59 | x | 05-123-41713 | CARLSON E-15-16HC | J Clark 1C | 1335 | EXTRACTION OIL & GAS INC | 07/14/2015 | PR | 842 | 363 | | 7005 | 35 |
| 60 | x | 05-123-41714 | CARLSON D-15-16HN | J Clark 1C | 1329 | EXTRACTION OIL & GAS INC | 07/14/2015 | PR | 841 | 363 | | 7134 | 38 |
| 61 | x | 05-123-41715 | CARLSON L-15-16HN | J Clark 1C | 1384 | EXTRACTION OIL & GAS INC | 10/08/2015 | PR | 843 | 363 | | 7239 | 36 |
| 62 | x | 05-123-41716 | CARLSON F-15-16HN | J Clark 1C | 1341 | EXTRACTION OIL & GAS INC | 07/15/2015 | PR | 843 | 363 | | 7059 | 83 |
| 63 | x | 05-123-41717 | CARLSON H-15-16HC | J Clark 1C | 1355 | EXTRACTION OIL & GAS INC | 07/17/2015 | PR | 839 | 363 | | 7038 | 470 |
| 64 | x | 05-123-41718 | CARLSON G-15-16HN | J Clark 1C | 1348 | EXTRACTION OIL & GAS INC | 07/16/2015 | PR | 839 | 363 | | 7168 | 0 |
| 65 | x | 05-123-41719 | CARLSON I-15-16HN | J Clark 1C | 1362 | EXTRACTION OIL & GAS INC | 10/06/2015 | PR | 848 | 363 | | 7109 | 44 |
| 66 | x | 05-123-41720 | CARLSON A-15-16HN | J Clark 1C | 1309 | EXTRACTION OIL & GAS INC | 07/09/2015 | PR | 839 | 363 | | 7222 | 52 |
| 67 | x | 05-123-42655 | BROWN 23X-241 | J Clark 16N | 908 | PDC ENERGY INC | 02/22/2017 | PR | 1450 | 350 | | | 0 |
| 68 | x | 05-123-42656 | BROWN 23D-421 | J Clark 16N | 201 | PDC ENERGY INC | 02/03/2017 | PR | 1450 | 363 | | | 0 |
| 69 | x | 05-123-42657 | BROWN 23P-221 | J Clark 12N | 107 | PDC ENERGY INC | 01/06/2017 | PR | 1450 | 363 | | | 0 |

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|-----|---|--------------|---------------------|-------------|------|----------------|------------|----|------|-----|------|--|------|
| 70 | x | 05-123-42658 | BROWN 23X-341 | J Clark 16N | 606 | PDC ENERGY INC | 02/15/2017 | PR | 1450 | 350 | | | 0 |
| 71 | x | 05-123-42659 | BROWN 23D-341 | J Clark 14N | 117 | PDC ENERGY INC | 01/18/2017 | PR | 1450 | 363 | | | 0 |
| 72 | x | 05-123-42660 | BROWN 23D-201 | J Clark 15N | 65 | PDC ENERGY INC | 01/26/2017 | PR | 1450 | 363 | | | 0 |
| 73 | x | 05-123-42661 | BROWN 23P-201 | J Clark 10N | 79 | PDC ENERGY INC | 12/04/2016 | PR | 1450 | 363 | | | 0 |
| 74 | x | 05-123-42681 | BROWN 23P-321 | J Clark 11N | 70 | PDC ENERGY INC | 12/27/2016 | PR | 1450 | 363 | | | 0 |
| 75 | x | 05-123-43384 | CLARK 14J-343 | J Clark 12N | 610 | PDC ENERGY INC | 12/07/2016 | PR | 1546 | 363 | 6977 | | 550 |
| 76 | x | 05-123-43385 | CLARK 14M-343 | J Clark 12N | 613 | PDC ENERGY INC | 01/13/2017 | PR | 1559 | 363 | 6808 | | 0 |
| 77 | x | 05-123-43386 | CLARK 14J-203 | J Clark 12N | 609 | PDC ENERGY INC | 12/17/2016 | PR | 1545 | 363 | 6956 | | 1150 |
| 78 | x | 05-123-43387 | CLARK 14J-303 | J Clark 12N | 613 | PDC ENERGY INC | 12/26/2016 | PR | 1544 | 363 | 6918 | | 150 |
| 79 | x | 05-123-43388 | CLARK 14J-223 | J Clark 12N | 613 | PDC ENERGY INC | 01/04/2017 | PR | 1553 | 363 | 6889 | | 850 |
| 80 | x | 05-123-43439 | ALLES 22L-241 | J Clark 3N | 605 | PDC ENERGY INC | 02/12/2017 | PR | 1646 | 363 | 6909 | | 0 |
| 81 | x | 05-123-43443 | ALLES 22I-401 | J Clark 1C | 640 | PDC ENERGY INC | 01/24/2017 | PR | 1648 | 363 | 6735 | | 0 |
| 82 | x | 05-123-43449 | ALLES 22I-321 | J Clark 2N | 617 | PDC ENERGY INC | 02/04/2017 | PR | 1680 | 363 | 6781 | | 1050 |
| 83 | x | 05-123-44579 | FERN 11U-434 | J Clark 3N | 321 | PDC ENERGY INC | | XX | | | | | |
| 84 | x | 05-123-44580 | FERN 11U-334 | J Clark 3N | 306 | PDC ENERGY INC | | XX | | | | | |
| 85 | x | 05-123-44581 | FERN 11V-304 | J Clark 3N | 279 | PDC ENERGY INC | | XX | | | | | |
| 86 | x | 05-123-44582 | FERN 11V-234 | J Clark 3N | 238 | PDC ENERGY INC | | XX | | | | | |
| 87 | x | 05-123-44583 | FERN 11W-214 | J Clark 3N | 214 | PDC ENERGY INC | | XX | | | | | |
| 88 | x | 05-123-44584 | FERN 11V-204 | J Clark 3N | 267 | PDC ENERGY INC | | XX | | | | | |
| 89 | x | 05-123-44585 | FERN 11V-214 | J Clark 3N | 294 | PDC ENERGY INC | | XX | | | | | |
| 90 | x | 05-123-44586 | FERN 11U-204 | J Clark 3N | 334 | PDC ENERGY INC | | XX | | | | | |
| 91 | x | 05-123-44587 | FERN 11W-314 | J Clark 3N | 228 | PDC ENERGY INC | | XX | | | | | |
| 92 | x | 05-123-44588 | FERN 11V-334 | J Clark 3N | 254 | PDC ENERGY INC | | XX | | | | | |
| 93 | x | 05-123-44970 | HIGH PLAINS 25F-301 | J Clark 16N | 1225 | PDC ENERGY INC | | XX | | | | | |
| 94 | x | 05-123-45681 | BARR 11I-221 | J Clark 16N | 694 | PDC ENERGY INC | | XX | | | | | |
| 95 | x | 05-123-45682 | BARR 11L-301 | J Clark 16N | 757 | PDC ENERGY INC | | XX | | | | | |
| 96 | x | 05-123-45683 | BARR 11L-221 | J Clark 16N | 770 | PDC ENERGY INC | | XX | | | | | |
| 97 | x | 05-123-45684 | BARR 3N | J Clark 2N | 54 | PDC ENERGY INC | | XX | | | | | |
| 98 | x | 05-123-45685 | BARR 11L-341 | J Clark 16N | 711 | PDC ENERGY INC | | XX | | | | | |
| 99 | x | 05-123-45686 | BARR 4N | J Clark 2N | 50 | PDC ENERGY INC | | XX | | | | | |
| 100 | x | 05-123-45687 | BARR 11I-301 | J Clark 16N | 681 | PDC ENERGY INC | | XX | | | | | |
| 101 | x | 05-123-45688 | BARR 11L-401 | J Clark 16N | 740 | PDC ENERGY INC | | XX | | | | | |
| 102 | x | 05-123-45689 | BARR 11L-321 | J Clark 16N | 786 | PDC ENERGY INC | | XX | | | | | |
| 103 | x | 05-123-45690 | BARR 2N | J Clark 2N | 54 | PDC ENERGY INC | | XX | | | | | |
| 104 | x | 05-123-45691 | BARR 1N | J Clark 2N | 54 | PDC ENERGY INC | | XX | | | | | |
| 105 | x | 05-123-45692 | BARR 11L-201 | J Clark 16N | 727 | PDC ENERGY INC | | XX | | | | | |

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| Total Wells: | <u>105</u> |
| Meets Standard(STD): | <u>103</u> |
| Needs Evaluation: | <u>2</u> |