

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 | 05-123-12352 | RICE 22-1 | Sappington 22Q-301 | 873 | PDC ENERGY INC | 03/11/1985 | PR | 305 | 142 | | 6479 | 5634 |
| 2 | x | 05-123-12512 | HERBST #27-1 | Sappington 22T-341 | 661 | NOBLE ENERGY INC | 07/06/1985 | P&A | 306 | 142 | | 6490 | 6028 |
| 3 | x | 05-123-12854 | HERBST #27-3 | Sappington 22T-201 | 1153 | NOBLE ENERGY INC | 11/29/1985 | PR | 327 | 142 | | 6487 | 5670 |
| 4 | x | 05-123-13747 | RICE 22-7 | Sappington 22T-201 | 753 | COSTILLA ENERGY INC | | AL | | | | | |
| 5 | x | 05-123-13748 | EMANCIPATOR 22-16 | Sappington 22T-201 | 832 | NOBLE ENERGY INC | 03/04/1993 | PR | 316 | 142 | | 6400 | 5822 |
| 6 | x | 05-123-15013 | LOUSTALET B15-14 | Sappington 22Q-301 | 1354 | NOBLE ENERGY INC | 07/06/1991 | P&A | 341 | 142 | | 6518 | 5930 |
| 7 | x | 05-123-15014 | LOUSTALET B 15-15X | Sappington 22T-341 | 1175 | NOBLE ENERGY PRODUCTION INC | 07/30/1991 | P&A | 315 | 142 | | 6458 | 5730 |
| 8 | x | 05-123-15015 | LOUSTALET B15-16 | Sappington 22T-201 | 1304 | NOBLE ENERGY INC | 07/17/1991 | P&A | 343 | 142 | | 6438 | 5768 |
| 9 | x | 05-123-16108 | WHITE 27-5 | Sappington 22Q-301 | 910 | PDC ENERGY INC | 09/30/1992 | PR | 325 | 142 | | 6484 | 4400 |
| 10 | x | 05-123-16684 | EMANCIPATOR 22-15 | Sappington 22T-341 | 163 | NOBLE ENERGY INC | 02/17/1993 | PR | 288 | 142 | | 6400 | 5980 |
| 11 | x | 05-123-16685 | EMANCIPATOR 22-10 | Sappington 22Q-221 | 143 | NOBLE ENERGY INC | 02/25/1993 | PR | 323 | 142 | | 6480 | 6050 |
| 12 | x | 05-123-16908 | EMANCIPATOR 22-9 | Sappington 22T-201 | 725 | NOBLE ENERGY INC | 03/10/1993 | PR | 308 | 142 | | 6400 | 5800 |
| 13 | x | 05-123-19300 | RICE 22-4 | Sappington 22Q-301 | 831 | COSTILLA ENERGY INC | | AL | | | | | |
| 14 | x | 05-123-19402 | RICE 22-5 | Sappington 22T-341 | 144 | COSTILLA ENERGY INC | | AL | | | | | |
| 15 | x | 05-123-19403 | RICE 22-6 | Sappington 22T-341 | 103 | COSTILLA ENERGY INC | | AL | | | | | |
| 16 | x | 05-123-19404 | RICE 22-8 | Sappington 22T-201 | 779 | COSTILLA ENERGY INC | | AL | | | | | |
| 17 | x | 05-123-20393 | JOSHUA 1 | Sappington 22Q-301 | 904 | PDC ENERGY INC | 07/03/2001 | PR | 372 | 142 | | 6424 | 0 |
| 18 | x | 05-123-20394 | TROY 1 | Sappington 22T-341 | 108 | PDC ENERGY INC | 06/18/2001 | PR | 363 | 142 | | 6418 | 0 |
| 19 | x | 05-123-20395 | LUCAS 1 | Sappington 22T-201 | 739 | PDC ENERGY INC | 06/12/2001 | PR | 404 | 142 | | 6421 | 0 |
| 20 | x | 05-123-20396 | ROBERT 1 | Sappington 22Q-301 | 599 | SOUTHWEST RN PRODUCTION CORP | | AL | | | | | |
| 21 | x | 05-123-20397 | PAIGE 2-22 | Sappington 22Q-301 | 792 | SOUTHWEST RN PRODUCTION CORP | | AL | | | | | |
| 22 | x | 05-123-21885 | P&H 22-32 | Sappington 22T-341 | 137 | PDC ENERGY INC | 03/25/2004 | PR | 376 | 142 | | 6483 | 3150 |
| 23 | x | 05-123-21886 | P&H 22-42 | Sappington 22T-201 | 596 | PDC ENERGY INC | 03/29/2004 | PR | 370 | 142 | | 6456 | 3130 |
| 24 | x | 05-123-22586 | CHESNUT 22-24 | Sappington 22Q-301 | 651 | PDC ENERGY INC | 02/27/2005 | PR | 401 | 142 | | 6487 | 0 |
| 25 | x | 05-123-24754 | EMANCIPATOR B 22-23 | Sappington 22T-201 | 121 | NOBLE ENERGY INC | 03/13/2007 | PR | 540 | 142 | | 6471 | 1820 |
| 26 | x | 05-123-25591 | CHESNUT 22-23 | Sappington 22Q-301 | 647 | PDC ENERGY INC | 02/19/2005 | PR | 415 | 142 | | 6520 | 2894 |
| 27 | x | 05-123-27338 | LOUSTALET B 15-15X | Sappington 22T-341 | 978 | NOBLE ENERGY INC | 11/16/2006 | PR | 500 | 142 | | 6469 | |
| 28 | x | 05-123-31846 | BAUER DEBUS 22AD | Sappington 22Q-301 | 1001 | PDC ENERGY INC | 10/25/2010 | PR | 686 | 142 | | 6557 | 0 |
| 29 | x | 05-123-31848 | P&H 22CD | Sappington 22T-201 | 165 | PDC ENERGY INC | 11/19/2010 | PR | 694 | 142 | | 6570 | 0 |
| 30 | x | 05-123-31849 | P&H 22SD | Sappington 22T-341 | 158 | PDC ENERGY INC | 11/14/2010 | PR | 704 | 142 | | 6618 | 0 |

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|----|---|--------------|------------------|--------------------|------|----------------|------------|-----------|-----|-----|--|------|---|
| 31 | x | 05-123-31865 | BAUER DEBUS 22MD | Sappington 22Q-301 | 553 | PDC ENERGY INC | 10/08/2010 | PR | 671 | 142 | | 6508 | 0 |
| 32 | x | 05-123-31869 | BAUER DEBUS 22JD | Sappington 22Q-301 | 982 | PDC ENERGY INC | 10/19/2010 | PR | 678 | 142 | | 6588 | 0 |
| 33 | x | 05-123-31870 | BAUER DEBUS 22ND | Sappington 22Q-301 | 242 | PDC ENERGY INC | 10/14/2010 | PR | 696 | 142 | | 6563 | 0 |
| 34 | x | 05-123-31879 | CHESNUT 22KD | Sappington 22Q-301 | 450 | PDC ENERGY INC | 11/24/2010 | PR | 679 | 142 | | 6634 | 0 |
| 35 | x | 05-123-31883 | CHESNUT 22OD | Sappington 22Q-301 | 264 | PDC ENERGY INC | 11/29/2010 | PR | 694 | 142 | | 6532 | 0 |
| 36 | x | 05-123-31886 | CHESNUT 22PD | Sappington 22Q-301 | 281 | PDC ENERGY INC | 12/10/2010 | PR | 675 | 142 | | 6615 | 0 |
| 37 | x | 05-123-31889 | CHESNUT 22BD | Sappington 22Q-301 | 478 | PDC ENERGY INC | 12/05/2010 | PR | 689 | 142 | | 6699 | 0 |
| 38 | x | 05-123-32165 | DOUGHMAN 22VD | Sappington 22T-201 | 709 | PDC ENERGY INC | 11/03/2010 | PR | 683 | 142 | | 6527 | 0 |
| 39 | x | 05-123-32166 | DOUGHMAN 22RD | Sappington 22T-201 | 442 | PDC ENERGY INC | 11/08/2010 | PR | 687 | 142 | | 6524 | 0 |
| 40 | x | 05-123-39615 | LEDFOORD 22T-221 | Sappington 22T-201 | 485 | PDC ENERGY INC | | Permitted | | | | | |
| 41 | x | 05-123-39616 | LEDFOORD 22T-321 | Sappington 22T-201 | 361 | PDC ENERGY INC | | Permitted | | | | | |
| 42 | x | 05-123-39617 | LEDFOORD 22Y-241 | Sappington 22T-201 | 1019 | PDC ENERGY INC | | Permitted | | | | | |
| 43 | x | 05-123-39617 | LEDFOORD 22Y-241 | Sappington 22T-201 | 1190 | PDC ENERGY INC | | Permitted | | | | | |
| 44 | x | 05-123-39617 | LEDFOORD 22Y-241 | Sappington 22T-341 | 1359 | PDC ENERGY INC | | Permitted | | | | | |
| 45 | x | 05-123-39617 | LEDFOORD 22Y-241 | Sappington 22T-341 | 1494 | PDC ENERGY INC | | Permitted | | | | | |
| 46 | x | 05-123-39618 | LEDFOORD 22Y-401 | Sappington 22T-201 | 1210 | PDC ENERGY INC | | Permitted | | | | | |
| 47 | x | 05-123-40075 | CHESNUT 27O-341 | Sappington 22Q-301 | 758 | PDC ENERGY INC | 03/04/2015 | DR | | | | | |
| 48 | x | 05-123-40077 | CHESNUT 27K-421 | Sappington 22Q-301 | 1128 | PDC ENERGY INC | 12/07/2014 | DR | | | | | |
| 49 | x | 05-123-40080 | CHESNUT 27K-201 | Sappington 22Q-301 | 1432 | PDC ENERGY INC | 01/10/2015 | DR | | | | | |
| 50 | x | 05-123-40144 | CHESNUT 27O-201 | Sappington 22Q-301 | 424 | PDC ENERGY INC | 02/04/2015 | DR | | | | | |

Total Wells: 50

Meets Standard(STD): 50

Needs Evaluation: 0