

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 | 05-123-10407 | HUNTER 1 | ERWIN 6N | | NOBLE ENERGY INC | 09/28/1981 | PR | 212 | 187 | | 6500 | 5550 |
| 2 | x | 05-123-11999 | WHITE 27-3 | ERWIN 1N | | PDC ENERGY INC | 10/07/1984 | PR | 346 | 142 | | 6620 | 5804 |
| 3 | x | 05-123-12036 | WHITE 27-4 | ERWIN 1N | | PDC ENERGY INC | 11/28/2008 | PR | 446 | 230 | | 6620 | 5780 |
| 4 | | 05-123-12039 | GAMEWELL 34- 1 | ERWIN 3N | | PDC ENERGY INC | 07/16/2008 | PR | 247 | 230 | | 6620 | 6428 |
| 5 | x | 05-123-12512 | HERBST 27-1 | ERWIN 3N | | NOBLE ENERGY INC | 01/15/2003 | PA | 306 | 142 | | 6490 | 6028 |
| 6 | x | 05-123-12651 | HERBST 27-2 | ERWIN 3N | | NOBLE ENERGY INC | 07/01/2011 | PR | 320 | 121 | | 6550 | 5930 |
| 7 | x | 05-123-12854 | HERBST 27-3 | ERWIN 6N | | NOBLE ENERGY INC | 03/23/2011 | TA | 327 | 160 | | 6487 | 5670 |
| 8 | x | 05-123-12878 | HERBST 27-4 | ERWIN 6N | | NOBLE ENERGY INC | 06/08/2011 | SI | 326 | 187 | | 6484 | 5568 |
| 9 | x | 05-123-12920 | HERBST 27-5 | ERWIN 6N | | NOBLE ENERGY INC | 12/31/1985 | PA | 322 | 230 | | 6508 | 5884 |
| 10 | x | 05-123-12943 | HERBST 27-6 | ERWIN 3N | | NOBLE ENERGY INC | 01/08/1986 | PR | 304 | 230 | | 6498 | 5886 |
| 11 | x | 05-123-13748 | EMANCIPATOR 22-16 | ERWIN 6N | | NOBLE ENERGY INC | 03/04/1993 | PA | 316 | 160 | | 6400 | 5820 |
| 12 | x | 05-123-14091 | BETTALE 34-1 | ERWIN 1N | | PDC ENERGY INC | 11/07/1988 | PR | 325 | 230 | | 6546 | 6290 |
| 13 | x | 05-123-16108 | WHITE 27-5 | ERWIN 1N | | PDC ENERGY INC | 09/30/1992 | PR | 325 | 142 | | 6484 | 4400 |
| 14 | x | 05-123-16684 | EMANCIPATOR 22-15 | ERWIN 3N | | PDC ENERGY INC | 02/17/1993 | PR | 288 | 142 | | 6400 | 5980 |
| 15 | x | 05-123-16685 | EMANCIPATOR 22-10 | ERWIN 3N | | PDC ENERGY INC | 07/10/2007 | PR | 323 | 142 | | 6480 | 6050 |
| 16 | x | 05-123-16908 | EMANCIPATOR 22-9 | ERWIN 6N | | PDC ENERGY INC | 12/01/2004 | PR | 308 | 142 | | 6400 | 5800 |
| 17 | x | 05-123-17893 | HERBST B 27-7 | ERWIN 3N | | NOBLE ENERGY INC | 12/08/2003 | PA | 362 | 117 | | 6483 | 5540 |
| 18 | x | 05-123-18440 | GAMEWELL 34- 2 | ERWIN 3N | | PDC ENERGY INC | 08/14/2010 | PR | 362 | 230 | | 6538 | 6051 |
| 19 | x | 05-123-19282 | WHITE 27-7 | ERWIN 1N | | PDC ENERGY INC | 02/17/1997 | PR | 325 | 142 | | 6546 | 6288 |
| 20 | x | 05-123-19306 | GAMEWELL 34- 3 | ERWIN 6N | | PDC ENERGY INC | 02/07/1997 | PA | 364 | 230 | | 6581 | 5980 |
| 21 | x | 05-123-19383 | GAMEWELL 34- 4 | ERWIN 6N | | PDC ENERGY INC | 08/18/2008 | PR | 360 | 230 | | 6574 | 6144 |
| 22 | x | 05-123-20396 | ROBERT 1 | ERWIN 1N | | SOUTHWEST RN PRODUCTION CORP | 07/05/2001 | AL | | 230 | | | |
| 23 | x | 05-123-20397 | PAIGE 2-22 | ERWIN 1N | | SOUTHWEST RN PRODUCTION CORP | 07/12/2001 | AL | | 230 | | | |
| 24 | x | 05-123-22556 | GAMEWELL 5 | ERWIN 5C | | PDC ENERGY INC | 12/03/2004 | PR | 414 | 230 | | 6552 | 0 |
| 25 | x | 05-123-22586 | CHESNUT 22-24 | ERWIN 1N | | PDC ENERGY INC | 02/27/2005 | PR | 401 | 142 | | 6487 | 0 |
| 26 | x | 05-123-24754 | EMANCIPATOR B 22-23 | ERWIN 5C | | PDC ENERGY INC | 03/13/2007 | PR | 540 | 142 | | 6471 | 1820 |
| 27 | x | 05-123-25591 | CHESNUT 22-23 | ERWIN 1N | | PDC ENERGY INC | 12/19/2009 | PR | 415 | 142 | | 6520 | 2894 |
| 28 | x | 05-123-26070 | LOLOFF B 26-33 | ERWIN 6N | | NOBLE ENERGY INC | 12/23/2007 | PR | 485 | 230 | | 6472 | 1760 |
| 29 | x | 05-123-31886 | CHESNUT 22PD | ERWIN 1N | | PDC ENERGY INC | 12/10/2010 | PR | 675 | 142 | | 6615 | 0 |
| 30 | x | 05-123-39513 | SUDEN 34M- 423 | ERWIN 4N | | PDC ENERGY INC | 11/06/2014 | PR | 875 | 187 | | | 500 |
| 31 | x | 05-123-39514 | SUDEN 34M- 223 | ERWIN 4N | | PDC ENERGY INC | 11/23/2014 | PR | 875 | 187 | | | 500 |

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|----|---|--------------|------------------------|----------|------|----------------|------------|----|------|-----|--|------|------|
| 32 | x | 05-123-39515 | SUDEN 34R-203 | ERWIN 4N | | PDC ENERGY INC | 12/14/2014 | PR | 875 | 187 | | | 500 |
| 33 | x | 05-123-39516 | SUDEN 34R-343 | ERWIN 4N | | PDC ENERGY INC | 12/02/2014 | PR | 875 | 187 | | | 500 |
| 34 | x | 05-123-39615 | LEDFOORD 22T-221 | ERWIN 6N | | PDC ENERGY INC | 06/27/2015 | PR | 936 | 160 | | | 0 |
| 35 | x | 05-123-39616 | LEDFOORD 22T-321 | ERWIN 6N | | PDC ENERGY INC | 07/02/2015 | PR | 922 | 160 | | | 580 |
| 36 | x | 05-123-39617 | LEDFOORD 22Y-341 | ERWIN 6N | | PDC ENERGY INC | 06/20/2015 | PR | 916 | 160 | | | 0 |
| 37 | x | 05-123-39618 | LEDFOORD 22Y-401 | ERWIN 6N | | PDC ENERGY INC | 06/13/2015 | PR | 928 | 160 | | | 150 |
| 38 | x | 05-123-39754 | SUDEN 34U-403 | ERWIN 6N | | PDC ENERGY INC | 01/27/2015 | PR | 933 | 187 | | 6613 | 0 |
| 39 | x | 05-123-39755 | SUDEN 34R-323 | ERWIN 6N | | PDC ENERGY INC | 11/12/2014 | PR | 925 | 187 | | 6557 | 430 |
| 40 | x | 05-123-39756 | SUDEN 34R-423 | ERWIN 6N | | PDC ENERGY INC | 12/24/2014 | PR | 931 | 187 | | 6563 | 1070 |
| 41 | x | 05-123-39757 | SUDEN 34U-243 | ERWIN 6N | | PDC ENERGY INC | 01/17/2015 | PR | 930 | 187 | | 6729 | 0 |
| 42 | x | 05-123-39978 | CHESNUT 27O-243 | ERWIN 1N | 733 | PDC ENERGY INC | 01/30/2015 | PR | 875 | 187 | | | 500 |
| 43 | x | 05-123-39979 | CHESNUT 27O-303 | ERWIN 1N | 393 | PDC ENERGY INC | 01/15/2015 | PR | 875 | 187 | | | 500 |
| 44 | x | 05-123-39980 | CHESNUT 27K-323 | ERWIN 1N | 1083 | PDC ENERGY INC | 02/10/2015 | PR | 875 | 187 | | | 500 |
| 45 | x | 05-123-39981 | CHESNUT 27K-403 | ERWIN 1N | 1391 | PDC ENERGY INC | 02/22/2015 | PR | 875 | 187 | | | 500 |
| 46 | x | 05-123-40075 | CHESNUT 27O-341 | ERWIN 1N | 754 | PDC ENERGY INC | 03/04/2015 | PR | 875 | 187 | | | 500 |
| 47 | x | 05-123-40077 | CHESNUT 27K-421 | ERWIN 1N | 1105 | PDC ENERGY INC | 12/07/2014 | PR | 875 | 187 | | | 500 |
| 48 | x | 05-123-40080 | CHESNUT 27K-201 | ERWIN 1N | 1413 | PDC ENERGY INC | 01/10/2015 | PR | 875 | 187 | | | 500 |
| 49 | x | 05-123-40144 | CHESNUT 27O-201 | ERWIN 1N | 425 | PDC ENERGY INC | 02/03/2015 | PR | 875 | 187 | | | 500 |
| 50 | x | 05-123-40376 | LOLOFF FARMS 26H-312ST | ERWIN 6N | | PDC ENERGY INC | 02/22/2016 | PA | 916 | 187 | | 6664 | 0 |
| 51 | x | 05-123-40376 | LOLOFF FARMS 26H-312ST | ERWIN 6N | | PDC ENERGY INC | 03/28/2016 | PR | 916 | 187 | | 6664 | 0 |
| 52 | x | 05-123-40379 | LOLOFF FARMS 26H-202ST | ERWIN 6N | | PDC ENERGY INC | 02/17/2016 | PA | 915 | 187 | | 6623 | 0 |
| 53 | x | 05-123-40379 | LOLOFF FARMS 26H-202ST | ERWIN 6N | | PDC ENERGY INC | 04/06/2016 | PR | 959 | 187 | | 6528 | 0 |
| 54 | x | 05-123-40514 | LOLOFF FARMS 26H-332 | ERWIN 6N | | PDC ENERGY INC | 05/19/2016 | PR | 956 | 187 | | 6698 | 0 |
| 55 | x | 05-123-41547 | SAPPINGTON 22T-201 | ERWIN 4N | | PDC ENERGY INC | 07/31/2015 | PR | 875 | 187 | | | 500 |
| 56 | x | 05-123-41548 | SAPPINGTON 22Q-301 | ERWIN 4N | | PDC ENERGY INC | 07/10/2015 | PR | 875 | 187 | | | 500 |
| 57 | x | 05-123-41549 | SAPPINGTON 22Q-221 | ERWIN 4N | | PDC ENERGY INC | 07/17/2015 | PR | 875 | 187 | | | 500 |
| 58 | x | 05-123-41550 | SAPPINGTON 22T-341 | ERWIN 4N | | PDC ENERGY INC | 07/24/2015 | PR | 875 | 187 | | | 500 |
| 59 | x | 05-123-42688 | CONNIE 26E-402 | ERWIN 6N | | PDC ENERGY INC | 05/16/2016 | PR | 1469 | 187 | | 6522 | 1300 |
| 60 | x | 05-123-42689 | CONNIE 26E-332 | ERWIN 6N | | PDC ENERGY INC | 05/09/2016 | PR | 1465 | 187 | | 6515 | 800 |
| 61 | x | 05-123-42690 | CONNIE 26F-302 | ERWIN 6N | | PDC ENERGY INC | 04/22/2016 | PR | 1467 | 187 | | 6567 | 0 |
| 62 | x | 05-123-42691 | CONNIE 26F-402 | ERWIN 6N | | PDC ENERGY INC | 04/09/2016 | PR | 1467 | 187 | | 6580 | 150 |
| 63 | x | 05-123-42692 | CONNIE 26F-212 | ERWIN 6N | | PDC ENERGY INC | 05/01/2016 | PR | 1456 | 187 | | 6587 | 0 |

Total Wells: 63

Meets Standard(STD): 62

Needs Evaluation: 1