

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 | 05-123-11101 | HOSHIKO 2 | RED CLOUD 0N | | NOBLE ENERGY INC | 03/14/1983 | PR | 335 | 250 | | 6586 | |
| 2 | | 05-123-11633 | ROTHE 1 | RED CLOUD 10N | | NOBLE ENERGY INC | 01/20/1984 | PR | 442 | 400 | | 6440 | 5620 |
| 3 | | 05-123-12223 | MCDERMED 2-1 | RED CLOUD 3N | | NOBLE ENERGY INC | 12/28/1984 | SI | 311 | 400 | | 6392 | 5557 |
| 4 | | 05-123-12236 | MCDERMED 1-1 | RED CLOUD 3N | | PDC ENERGY INC | 01/29/1985 | SI | 307 | 400 | | 6477 | |
| 5 | | 05-123-12239 | FEIT 1 | RED CLOUD 3N | | NOBLE ENERGY INC | 01/10/1985 | PR | 436 | 400 | | 6420 | 5620 |
| 6 | | 05-123-12240 | REIN 1 | RED CLOUD 7N | | NOBLE ENERGY INC | 01/16/1985 | PR | 436 | 400 | | 6370 | 5520 |
| 7 | x | 05-123-12513 | BRANCH 1-3 | RED CLOUD 3N | | NOBLE ENERGY INC | 07/02/1985 | PR | 315 | 250 | | 6506 | 5960 |
| 8 | | 05-123-12523 | KAISER 8-3 | RED CLOUD 8N | | BONANZA CREEK ENERGY OPERATING COMPANY LLC | 07/08/1985 | SI | 311 | 272 | | 6526 | 5890 |
| 9 | x | 05-123-12560 | FHA 10-1 | RED CLOUD 10N | | PDC ENERGY INC | 09/14/1985 | PA | 320 | 400 | | 6380 | 5920 |
| 10 | x | 05-123-12585 | ROTHE 4-6 | RED CLOUD 0N | | NOBLE ENERGY INC | 05/08/1986 | PR | 325 | 170 | | 6406 | 5816 |
| 11 | | 05-123-12586 | ROTHE 5-6 | RED CLOUD 8N | | BONANZA CREEK ENERGY OPERATING COMPANY LLC | 07/26/1986 | SI | 302 | 400 | | 6431 | 6032 |
| 12 | x | 05-123-12590 | ROTHE 1 | RED CLOUD 0N | | HIGHPOINT OPERATING CORPORATIO N | 08/31/1985 | SI | 314 | 165 | | 6424 | 5671 |
| 13 | | 05-123-12633 | AMIGO 1 | RED CLOUD 8N | | NOBLE ENERGY INC | 10/02/1985 | PR | 433 | 400 | | 6398 | 5540 |
| 14 | | 05-123-12634 | AMIGO 2 | RED CLOUD 8N | | NOBLE ENERGY INC | 10/02/1985 | SI | 410 | 400 | | 6400 | 5630 |
| 15 | x | 05-123-12636 | SHAKLEE 3 | RED CLOUD 10N | | NOBLE ENERGY INC | 10/14/1985 | PA | 422 | 250 | | 6485 | 5761 |
| 16 | x | 05-123-12827 | FHA 2-1 | RED CLOUD 8N | | NOBLE ENERGY INC | 01/02/1986 | SI | 344 | 250 | | 6484 | 5966 |
| 17 | x | 05-123-12957 | MCFERREN 4-2 | RED CLOUD 3N | | BONANZA CREEK ENERGY OPERATING COMPANY LLC | 09/14/1986 | SI | 302 | 250 | | 6582 | 5990 |
| 18 | x | 05-123-12969 | HOSHIKO 1-2 | RED CLOUD 2N | | PDC ENERGY INC | 01/30/1986 | PR | 313 | 200 | | 6402 | 5455 |
| 19 | x | 05-123-12970 | HOSHIKO 7-2 | RED CLOUD 7N | | NOBLE ENERGY INC | 09/08/1986 | SI | 304 | 250 | | 6449 | 5682 |
| 20 | | 05-123-12978 | HAPPY TALK 1 | RED CLOUD 10N | | NOBLE ENERGY INC | 01/31/1986 | PR | 376 | 400 | | 6394 | 5294 |
| 21 | x | 05-123-13273 | HOSHIKO 2-2 | RED CLOUD 4N | | PDC ENERGY INC | 12/28/1986 | PR | 308 | 250 | | 6420 | 5770 |
| 22 | x | 05-123-13344 | KISSLER 3-2 | RED CLOUD 10N | | NOBLE ENERGY INC | 03/01/1987 | SI | 365 | 269 | | 6604 | 6285 |
| 23 | x | 05-123-13679 | MCFERREN 5-2 | RED CLOUD 8N | | BONANZA CREEK ENERGY OPERATING COMPANY LLC | 11/06/1987 | SI | 309 | 250 | | 6624 | 5972 |
| 24 | x | 05-123-17079 | SAND CREEK RANCH CO 2-3 | RED CLOUD 3N | | NOBLE ENERGY INC | 06/08/1993 | PA | 511 | 250 | | 6548 | 6084 |
| 25 | | 05-123-17425 | REIN 1-8 | RED CLOUD 8N | | NOBLE ENERGY INC | 09/29/1993 | PR | 413 | 400 | | 6350 | 5872 |
| 26 | x | 05-123-17431 | BAKER STATE B 36-13 | RED CLOUD 0N | | NOBLE ENERGY INC | 10/11/1993 | SI | 357 | 178 | | 6496 | 5842 |
| 27 | x | 05-123-17432 | BAKER STATE B 36-14 | RED CLOUD 0N | | NOBLE ENERGY INC | 09/24/1993 | SI | 357 | 170 | | 6424 | 5660 |

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|----|---|--------------|-------------------------|---------------|--|------------------|------------|----|-----|-----|--|------|------|
| 28 | x | 05-123-17447 | FEIT 1-4 | RED CLOUD 2N | | NOBLE ENERGY INC | 09/30/1993 | PR | 512 | 400 | | 6423 | 5923 |
| 29 | x | 05-123-17473 | BOOT HILLS FARMS 2-12 | RED CLOUD 10N | | NOBLE ENERGY INC | 10/16/1993 | PA | 509 | 250 | | 6458 | 5958 |
| 30 | | 05-123-17530 | AMIGO FARMS 1-12 | RED CLOUD 10N | | NOBLE ENERGY INC | 10/28/1993 | SI | 434 | 400 | | 6400 | 5900 |
| 31 | x | 05-123-17623 | ROTHE 2-10 | RED CLOUD 10N | | NOBLE ENERGY INC | 12/02/1993 | PR | 510 | 400 | | 6504 | 6004 |
| 32 | x | 05-123-17816 | UPRC 35-13A | RED CLOUD 0N | | SNYDER OIL CORP | | AL | | | | | |
| 33 | x | 05-123-17817 | UPRC 35-14A | RED CLOUD 0N | | SNYDER OIL CORP | | AL | | | | | |
| 34 | x | 05-123-17818 | HOSHIKO 35-16H4 | RED CLOUD 0N | | NOBLE ENERGY INC | 07/31/1994 | PR | 428 | 209 | | 6498 | 6090 |
| 35 | x | 05-123-17859 | HOSHIKO 2-8 | RED CLOUD 8N | | SNYDER OIL CORP | | AL | | | | | |
| 36 | x | 05-123-19216 | ROTHE STATE B 36-15 | RED CLOUD 0N | | NOBLE ENERGY INC | 10/21/1996 | PA | 360 | 169 | | 6443 | 5904 |
| 37 | x | 05-123-19217 | ROTHE STATE B 36-16 | RED CLOUD 0N | | NOBLE ENERGY INC | 11/13/1996 | PA | 360 | 166 | | 6371 | 5845 |
| 38 | x | 05-123-20167 | HOSHIKO C 2-8 | RED CLOUD 8N | | NOBLE ENERGY INC | 10/14/2001 | PA | 352 | 400 | | 6460 | 6016 |
| 39 | x | 05-123-21180 | HOSHIKO B 35-14 | RED CLOUD 0N | | NOBLE ENERGY INC | 12/30/2003 | SI | 593 | 250 | | 6476 | 6034 |
| 40 | x | 05-123-21706 | HOSHIKO B 35-23 | RED CLOUD 0N | | NOBLE ENERGY INC | 12/22/2003 | SI | 404 | 221 | | 6486 | 6023 |
| 41 | x | 05-123-21773 | ECKHARDT 44-34 | RED CLOUD 0N | | PDC ENERGY INC | 11/10/2003 | PR | 377 | 250 | | 6500 | 0 |
| 42 | x | 05-123-23166 | FUEGO C 1-19 | RED CLOUD 5N | | NOBLE ENERGY INC | 08/17/2005 | PR | 505 | 400 | | 6484 | 5950 |
| 43 | x | 05-123-24614 | ECKHARDT B 35-33 | RED CLOUD 0N | | NOBLE ENERGY INC | 05/23/2007 | SI | 534 | 250 | | 6504 | 2135 |
| 44 | x | 05-123-24635 | ECKHARDT B 35-13 | RED CLOUD 0N | | NOBLE ENERGY INC | 06/03/2007 | SI | 486 | 250 | | 6551 | 2300 |
| 45 | x | 05-123-26306 | SAND CREEK RANCH C 2-3X | RED CLOUD 3N | | NOBLE ENERGY INC | 09/24/2007 | PA | 645 | 250 | | 6561 | 2522 |
| 46 | x | 05-123-26536 | CLYNCKE STATE B 36-25 | RED CLOUD 0N | | NOBLE ENERGY INC | 12/14/2007 | SI | 524 | 168 | | 6398 | 1370 |
| 47 | x | 05-123-31174 | MARLEY C 01-29 | RED CLOUD 1N | | NOBLE ENERGY INC | | AL | | | | | |
| 48 | x | 05-123-31180 | MARLEY C 01-32D | RED CLOUD 10N | | NOBLE ENERGY INC | | AL | | | | | |
| 49 | x | 05-123-31185 | MARLEY C 01-33D | RED CLOUD 10N | | NOBLE ENERGY INC | 01/09/2012 | PR | 690 | 400 | | 6519 | 1675 |
| 50 | x | 05-123-31223 | MARLEY C 01-30D | RED CLOUD 1N | | NOBLE ENERGY INC | 04/08/2011 | PR | 574 | 400 | | 6540 | 1431 |
| 51 | x | 05-123-31224 | MARLEY C 01-31D | RED CLOUD 6N | | NOBLE ENERGY INC | 04/13/2011 | PR | 602 | 400 | | 6633 | 2076 |
| 52 | x | 05-123-31246 | MARLEY C 01-21D | RED CLOUD 8N | | NOBLE ENERGY INC | | AL | | | | | |
| 53 | x | 05-123-31247 | MARLEY C 01-20D | RED CLOUD 8N | | NOBLE ENERGY INC | | AL | | | | | |
| 54 | x | 05-123-31506 | MARLEY C 01-18D | RED CLOUD 6N | | NOBLE ENERGY INC | 04/17/2011 | PR | 594 | 400 | | 6501 | 1640 |
| 55 | x | 05-123-31508 | MARLEY C 01-28D | RED CLOUD 0N | | NOBLE ENERGY INC | 04/21/2011 | PR | 577 | 400 | | 6619 | 2120 |
| 56 | x | 05-123-31837 | MARLEY C01-22D | RED CLOUD 6N | | NOBLE ENERGY INC | | AL | | | | | |
| 57 | x | 05-123-31839 | MARLEY C01-17 | RED CLOUD 6N | | NOBLE ENERGY INC | | AL | | | | | |
| 58 | x | 05-123-34150 | PANTHER C 02-23D | RED CLOUD 10N | | NOBLE ENERGY INC | 03/05/2012 | PR | 712 | 400 | | 6541 | 1900 |
| 59 | x | 05-123-34231 | SOONER STATE B 36-63HN | RED CLOUD 0N | | NOBLE ENERGY INC | 09/27/2011 | PR | 572 | 169 | | 6378 | 1190 |
| 60 | x | 05-123-34675 | HOFFMAN C 02-65HN | RED CLOUD 10N | | NOBLE ENERGY INC | 04/28/2012 | PR | 695 | 400 | | 6676 | 1610 |
| 61 | x | 05-123-34678 | HOFFMAN C 02-21D | RED CLOUD 10N | | NOBLE ENERGY INC | 04/23/2012 | PR | 706 | 250 | | 6475 | 2010 |
| 62 | x | 05-123-34680 | HOFFMAN C 02-33D | RED CLOUD 10N | | NOBLE ENERGY INC | 04/11/2012 | PR | 711 | 250 | | 7252 | 1130 |
| 63 | x | 05-123-34682 | HOFFMAN C 02-20D | RED CLOUD 10N | | NOBLE ENERGY INC | 04/06/2012 | PR | 702 | 250 | | 6563 | 1760 |
| 64 | x | 05-123-34683 | HOFFMAN C 02-25D | RED CLOUD 10N | | NOBLE ENERGY INC | 04/18/2012 | PR | 702 | 250 | | 6771 | 1622 |

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|----|---|--------------|---------------|------------------|--|-------------------|------------|----|-----|-----|--|------|-----|
| 65 | x | 05-123-39515 | SUDEN 34R-203 | RED CLOUD 1N | | PDC ENERGY INC | 12/13/2014 | PR | 875 | 250 | | 6620 | 500 |
| 66 | x | 05-123-39754 | SUDEN 34U-403 | RED CLOUD 0N | | PDC ENERGY INC | 01/27/2015 | PR | 875 | 250 | | 6581 | 500 |
| 67 | x | 05-123-39755 | SUDEN 34R-323 | RED CLOUD 1N | | PDC ENERGY INC | 11/12/2014 | PR | 875 | 250 | | 6581 | 500 |
| 68 | x | 05-123-39756 | SUDEN 34R-423 | RED CLOUD 1N | | PDC ENERGY INC | 12/24/2014 | PR | 875 | 250 | | 6581 | 500 |
| 69 | x | 05-123-39757 | SUDEN 34U-243 | RED CLOUD 0N | | PDC ENERGY INC | 01/17/2015 | PR | 875 | 250 | | 6581 | 500 |
| 70 | x | 05-123-45810 | LINDSEY 4N | RED CLOUD 10N | | PDC ENERGY INC | | XX | | | | | |
| 71 | x | 05-123-45811 | LINDSEY 5N | RED CLOUD 10N | | PDC ENERGY INC | | XX | | | | | |
| 72 | x | 05-123-45812 | LINDSEY 2N | RED CLOUD 10N | | PDC ENERGY INC | | XX | | | | | |
| 73 | x | 05-123-45813 | LINDSEY 3N | RED CLOUD 10N | | PDC ENERGY INC | | XX | | | | | |
| 74 | x | 05-123-45815 | LINDSEY 1C | RED CLOUD 10N | | PDC ENERGY INC | | XX | | | | | |

Total Wells: 74

Meets Standard(STD): 62

Needs Evaluation: 12