

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 | 05-123-05496 | DUELL B 1 | Cinnamon Teal 35-16HN | 1267 | WILLIAMSON INC* LOWELL | 04/18/1957 | PA | 124 | 480 | x | 6784 | 5820 |
| 2 | x | 05-123-13758 | FRANK AND JOHN DUELL ET AL 1-A | Cinnamon Teal 35-16HN | 60 | TATUM* CHARLES R | 12/18/1987 | DA | 314 | 480 | x | 6836 | |
| 3 | | 05-123-20170 | FRANK 35-15 | Cinnamon Teal 35-11HC | 89 | DIVERSIFIED OPERATING CORPORATION | 08/24/2001 | DA | 444 | 480 | | 6942 | |
| 4 | x | 05-123-20272 | FEDERAL OSPREY 35-3 | Cinnamon Teal Fed 35-7HN | 44 | FOUNDATION ENERGY MANAGEMENT LLC | 07/23/2002 | PR | 481 | 480 | | 6842 | 5675 |
| 5 | | 05-123-20902 | HOFFMAN 34-1 | Cinnamon Teal Fed 35-1HN | 1206 | FOUNDATION ENERGY MANAGEMENT LLC | 06/06/2002 | SI | 406 | 440 | | 6854 | |
| 6 | | 05-123-21377 | FRANK 35-9 | Cinnamon Teal 35-15HC | 50 | DIVERSIFIED OPERATING CORPORATION | 04/28/2003 | PA | 441 | 460 | | 6947 | |
| 7 | | 05-123-21392 | K + E 2-1 | Cinnamon Teal 35-16HN | 1245 | DIVERSIFIED OPERATING CORPORATION | 06/28/2003 | PA | 440 | 450 | | 6871 | |
| 8 | | 05-123-21739 | FRANK 35-7 | Cinnamon Teal 35-11HC | 20 | FOUNDATION ENERGY MANAGEMENT LLC | 10/18/2003 | PR | 452 | 470 | | 6934 | 5750 |
| 9 | | 05-123-22078 | FEDERAL MYNA 35-11 | Cinnamon Teal Fed 35-7HN | 80 | DIVERSIFIED OPERATING CORPORATION | 03/19/2005 | DA | 411 | 430 | | 6856 | |
| 10 | | 05-123-34381 | Kobobel 35-44-8-60 | Cinnamon Teal 35-16HN | 390 | CARRIZO OIL & GAS INC | | AL | 1400 | | | | |
| 11 | x | 05-123-34430 | HEMBERGER 1-26-34-8-60 | Cinnamon Teal 35-12HN | 652 | CARRIZO NIOBRARA LLC | 07/25/2012 | PR | 1410 | 480 | | 6163 | 3170 |
| 12 | x | 05-123-34825 | Buchner 1-2H | Cinnamon Teal Fed 35-16HN | 848 | RED HAWK PETROLEUM LLC | 02/13/2012 | PR | 560 | 450 | | 6088 | 688 |
| 13 | x | 05-123-35812 | Hemberger 2-26-34-8-60 | Cinnamon Teal Fed 35-14HN | 678 | CARRIZO NIOBRARA LLC | 10/22/2012 | PR | 1415 | 480 | | 6147 | 1790 |
| 14 | x | 05-123-35814 | Hemberger 3-26-34-8-60 | Cinnamon Teal 35-11HC | 224 | CARRIZO NIOBRARA LLC | 07/14/2012 | PR | 1440 | 480 | | 6284 | 1400 |
| 15 | x | 05-123-37372 | Bailey 5-26-8-60 | Cinnamon Teal Fed 35-2HC | 673 | CARRIZO NIOBRARA LLC | 09/06/2013 | PR | 1414 | 480 | | 6162 | 1420 |
| 16 | x | 05-123-37373 | Bailey 8-26-8-60 | Cinnamon Teal Fed 35-6HC | 666 | CARRIZO NIOBRARA LLC | 08/06/2013 | PR | 1432 | 480 | | 6262 | 704 |
| 17 | x | 05-123-37812 | Bailey 6-26-8-60 | Cinnamon Teal Fed 35-3HN | 698 | CARRIZO NIOBRARA LLC | 08/26/2013 | PR | 1458 | 480 | | 6196 | 1770 |
| 18 | x | 05-123-37813 | Bailey 7-26-8-60 | Cinnamon Teal Fed 35-4HN | 705 | CARRIZO NIOBRARA LLC | 08/16/2013 | PR | 1452 | 480 | | 6156 | 1785 |
| 19 | x | 05-123-39277 | Hemberger 5-26-8-60 | Cinnamon Teal 35-16HN | 663 | CARRIZO NIOBRARA LLC | 10/24/2014 | PR | 1452 | 480 | | 6236 | 32 |
| 20 | x | 05-123-39278 | Hemberger 6-26-8-60 | Cinnamon Teal 35-16HN | 741 | CARRIZO NIOBRARA LLC | 10/13/2014 | PR | 1445 | 480 | | 6112 | 480 |
| 21 | x | 05-123-39331 | Hemberger 4-26-8-60 | Cinnamon Teal 35-14HN | 706 | CARRIZO NIOBRARA LLC | 11/02/2014 | PR | 1451 | 480 | | 6300 | 650 |

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|----|---|--------------|----------------------|--------------------------|------|----------------------------|------------|----|------|-----|--|-------|------|
| 22 | | 05-123-39369 | Hemberger 10-26-8-60 | Cinnamon Teal 35-11HC | 718 | CARRIZO NIOBRARA LLC | | XX | 1510 | | | | |
| 23 | | 05-123-39371 | Hemberger 7-26-8-60 | Cinnamon Teal Fed 35-8HN | 662 | CARRIZO NIOBRARA LLC | | XX | 1510 | | | | |
| 24 | | 05-123-39373 | Hemberger 9-26-8-60 | Cinnamon Teal Fed 35-8HN | 801 | CARRIZO NIOBRARA LLC | | XX | 1510 | | | | |
| 25 | | 05-123-39374 | Hemberger 8-26-8-60 | Cinnamon Teal Fed 35-8HN | 686 | CARRIZO NIOBRARA LLC | | XX | 77 | | | | |
| 26 | x | 05-123-39484 | Weitzel 1 | Cinnamon Teal Fed 35-1HN | 490 | SELECT ENERGY SERVICES LLC | 07/30/2014 | DG | 660 | 480 | | 10100 | 5910 |
| 27 | x | 05-123-39443 | HEMBERGER 3-25-8-60 | Cinnamon Teal 35-16HN | 1471 | CARRIZO NIOBRARA LLC | 06/28/2014 | PR | 1477 | 480 | | 6243 | 295 |
| 28 | x | 05-123-39444 | Hemberger 1-25-8-60 | Cinnamon Teal 35-16HN | 1214 | CARRIZO NIOBRARA LLC | 06/07/2014 | PR | 1488 | 480 | | 6187 | 2094 |
| 29 | x | 05-123-39927 | Loomis 2-3H | Cinnamon Teal Fed 35-1HN | 858 | RED HAWK PETROLEUM LLC | 09/05/2014 | PR | 1400 | 480 | | | |
| 30 | | 05-123-39928 | Green 1-1H | Cinnamon Teal 35-16HN | 1262 | RED HAWK PETROLEUM LLC | | XX | 1400 | | | | |
| 31 | x | 05-123-39929 | Loomis 2-6H | Cinnamon Teal 35-16HN | 853 | RED HAWK PETROLEUM LLC | 09/18/2014 | PR | 1400 | 480 | | | |
| 32 | x | 05-123-39930 | Loomis 2-1H | Cinnamon Teal Fed 35-1HN | 879 | RED HAWK PETROLEUM LLC | 08/14/2014 | SI | 1400 | 480 | | | |
| 33 | | 05-123-39939 | Loomis 2-7H | Cinnamon Teal 35-16HN | 862 | RED HAWK PETROLEUM LLC | | XX | 1400 | | | | |
| 34 | | 05-123-39940 | Loomis 2-12H | Cinnamon Teal 35-16HN | 1205 | RED HAWK PETROLEUM LLC | | XX | 1400 | | | | |
| 35 | | 05-123-39942 | Loomis 2-9H | Cinnamon Teal 35-16HN | 875 | RED HAWK PETROLEUM LLC | | XX | 1400 | | | | |

Total Wells: 35

Meets Standard(STD): 20

Needs Evaluation: 15