

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 | 05-123-10019 | MAY JON 1-A | RINN VALLEY WEST N18-20-1N | 752 | EXTRACTION OIL & GAS INC | 08/21/1980 | SI | 220 | 282 | | 7048 | 6970 |
| 2 | x | 05-123-19777 | WHITHAM 1 | | | TOP OPERATING COMPANY | | AL | | 282 | | | |
| 3 | x | 05-123-19778 | WHITHAM 2 | | | TOP OPERATING COMPANY | | AL | | 282 | | | |
| 4 | x | 05-123-26695 | MAY-JON 13-5D-#2 | RINN VALLEY WEST N18-20-1N | 625 | EXTRACTION OIL & GAS INC | 10/08/2010 | SI | 806 | 282 | | 7194 | 3914 |
| 5 | x | 05-123-26696 | MAY-JON 24-5D #4 | RINN VALLEY WEST N18-20-11N | 1026 | EXTRACTION OIL & GAS INC | 10/01/2010 | SI | 831 | 282 | | 7328 | 4248 |
| 6 | x | 05-123-26698 | May Jon 3-5D 5 | RINN VALLEY WEST N18-20-1N | 1443 | EXTRACTION OIL & GAS INC | 11/15/2011 | SI | 818 | 282 | | 7446 | 3910 |
| 7 | x | 05-123-34414 | May Jon 5S 8 | RINN VALLEY WEST N18-20-13C | 611 | EXTRACTION OIL & GAS INC | 10/31/2011 | SI | 776 | 282 | | 7450 | 3578 |
| 8 | x | 05-123-34416 | May Jon 5N 6 | RINN VALLEY WEST N18-20-1N | 1260 | EXTRACTION OIL & GAS INC | 11/22/2011 | SI | 809 | 282 | | 7615 | 3766 |
| 9 | x | 05-123-37389 | SRC Union 11-5D | | | SRC ENERGY INC | | AL | | 282 | | | |
| 10 | x | 05-123-37391 | SRC Union 5FD | | | SRC ENERGY INC | | AL | | 282 | | | |
| 11 | x | 05-123-37393 | SRC Union 5JD | | | SRC ENERGY INC | | AL | | 282 | | | |
| 12 | x | 05-123-37395 | SRC Union 12-5D | | | SRC ENERGY INC | | AL | | 282 | | | |
| 13 | x | 05-123-37396 | SRC Union 12-5CHZ | RINN VALLEY WEST N18-20-1N | 1227 | SRC ENERGY INC | 02/12/2014 | PR | 608 | 282 | | 7782 | 7029 |
| 14 | x | 05-123-37399 | SRC Union C-5NHZ | RINN VALLEY WEST N18-20-1N | 1440 | SRC ENERGY INC | 01/08/2014 | PR | 580 | 282 | | 6849 | 0 |
| 15 | x | 05-123-37400 | SRC Union 12-5NHZ | RINN VALLEY WEST N18-20-1N | 1024 | SRC ENERGY INC | 03/01/2014 | PR | 590 | 282 | | 7478 | 954 |
| 16 | x | 05-123-41517 | Fairview 10 | RINN VALLEY WEST N18-20-1N | 405 | EXTRACTION OIL & GAS INC | 12/10/2015 | PR | 1548 | 282 | | 7330 | 298 |
| 17 | x | 05-123-41518 | Fairview 7 | RINN VALLEY WEST N18-20-1N | 170 | EXTRACTION OIL & GAS INC | 12/09/2015 | PR | 1568 | 282 | | 7158 | 0 |
| 18 | x | 05-123-41519 | Fairview 6 | RINN VALLEY WEST N18-20-1N | 364 | EXTRACTION OIL & GAS INC | 12/07/2015 | PR | 1562 | 282 | | 7478 | 954 |
| 19 | x | 05-123-41520 | Fairview 9 | RINN VALLEY WEST N18-20-1N | 426 | EXTRACTION OIL & GAS INC | 12/03/2015 | PR | 1544 | 282 | | 6714 | 0 |
| 20 | x | 05-123-41521 | Fairview 5 | RINN VALLEY WEST N18-20-1N | 157 | EXTRACTION OIL & GAS INC | 12/07/2015 | PR | 1538 | 282 | | 7932 | 822 |

| | | | | | | | | | | | | | |
|----|---|--------------|-------------------|-----------------------------|------|--------------------------|------------|----|------|-----|--|------|------|
| 21 | x | 05-123-41522 | Fairview 3 | RINN VALLEY WEST N18-20-1N | 146 | EXTRACTION OIL & GAS INC | 12/06/2015 | PR | 1565 | 282 | | 8054 | 970 |
| 22 | x | 05-123-41523 | Fairview 4 | RINN VALLEY WEST N18-20-1N | 354 | EXTRACTION OIL & GAS INC | 12/06/2015 | PR | 1551 | 282 | | 7734 | 70 |
| 23 | x | 05-123-41524 | Fairview 11 | RINN VALLEY WEST N18-20-1N | 182 | EXTRACTION OIL & GAS INC | 12/11/2015 | PR | 1543 | 282 | | 7355 | 0 |
| 24 | x | 05-123-41525 | Fairview 8 | RINN VALLEY WEST N18-20-1N | 374 | EXTRACTION OIL & GAS INC | 12/09/2015 | PR | 1505 | 282 | | 7180 | 68 |
| 25 | x | 05-123-41666 | Fairview 2 | RINN VALLEY WEST N18-20-1N | 836 | EXTRACTION OIL & GAS INC | 12/05/2015 | PR | 1555 | 282 | | 8015 | 1566 |
| 26 | x | 05-123-41667 | Fairview 1 | RINN VALLEY WEST N18-20-1N | 78 | EXTRACTION OIL & GAS INC | | DG | | 282 | | | |
| 27 | | 05-123-09796 | MAYEDA 1 | RINN VALLEY WEST N18-20-10N | 2633 | CALVIN PETROLEUM CORP | 01/20/1980 | AB | 350 | 282 | | 3768 | 0 |
| 28 | | 05-123-11075 | MAYEDA, JOHN Y. 2 | RINN VALLEY WEST N18-20-10N | 140 | TOP OPERATING COMPANY | 04/15/1983 | PR | 201 | 282 | | 6624 | 6300 |
| 29 | | 05-123-14359 | J Y MAYEDA 3 | | | TOP OPERATING COMPANY | | AL | | 282 | | | |
| 30 | x | 05-123-19293 | NORTON 1 | | | TOP OPERATING COMPANY | | AL | | 282 | | | |
| 31 | | 05-123-45137 | KOESTER 10 | RINN VALLEY WEST N18-20-3N | 507 | CUB CREEK ENERGY | | XX | | 282 | | | |
| 32 | | 05-123-45138 | KOESTER 4 | RINN VALLEY WEST N18-20-3N | 526 | CUB CREEK ENERGY | | XX | | 282 | | | |
| 33 | | 05-123-45139 | KOESTER 5 | RINN VALLEY WEST N18-20-3N | 872 | CUB CREEK ENERGY | | XX | | 282 | | | |
| 34 | | 05-123-45140 | KOESTER 8 | RINN VALLEY WEST N18-20-3N | 879 | CUB CREEK ENERGY | | XX | | 282 | | | |
| 35 | | 05-123-45141 | KOESTER 9 | RINN VALLEY WEST N18-20-3N | 882 | CUB CREEK ENERGY | | XX | | 282 | | | |
| 36 | | 05-123-45142 | KOESTER 3 | RINN VALLEY WEST N18-20-3N | 864 | CUB CREEK ENERGY | | XX | | 282 | | | |
| 37 | | 05-123-45143 | KOESTER 6 | RINN VALLEY WEST N18-20-3N | 874 | CUB CREEK ENERGY | | XX | | 282 | | | |
| 38 | | 05-123-45144 | KOESTER 7 | RINN VALLEY WEST N18-20-3N | 877 | CUB CREEK ENERGY | | XX | | 282 | | | |
| 39 | | 05-123-45289 | LOWER ADRIAN 8 | RINN VALLEY WEST N18-20-12N | 837 | CUB CREEK ENERGY | | XX | | 282 | | | |
| 40 | | 05-123-45290 | LOWER ADRIAN 3 | RINN VALLEY WEST N18-20-12N | 847 | CUB CREEK ENERGY | | XX | | 282 | | | |
| 41 | | 05-123-45291 | LOWER ADRIAN 9 | RINN VALLEY WEST N18-20-12N | 835 | CUB CREEK ENERGY | | XX | | 282 | | | |

| | | | | | | | | | | | | | |
|----|---|--------------|--------------------------|-----------------------------|-----|---------------------------|------------|----|-----|-----|---|------|------|
| 42 | | 05-123-45292 | LOWER ADRIAN 6 | RINN VALLEY WEST N18-20-12N | 840 | CUB CREEK ENERGY | | XX | | 282 | | | |
| 43 | | 05-123-45293 | LOWER ADRIAN 7 | RINN VALLEY WEST N18-20-12N | 838 | CUB CREEK ENERGY | | XX | | 282 | | | |
| 44 | | 05-123-45294 | LOWER ADRIAN 5 | RINN VALLEY WEST N18-20-12N | 842 | CUB CREEK ENERGY | | XX | | 282 | | | |
| 45 | | 05-123-45295 | LOWER ADRIAN 10 | RINN VALLEY WEST N18-20-12N | 838 | CUB CREEK ENERGY | | XX | | 282 | | | |
| 46 | | 05-123-45296 | LOWER ADRIAN 4 | RINN VALLEY WEST N18-20-12N | 844 | CUB CREEK ENERGY | | XX | | 282 | | | |
| 47 | | 05-123-10814 | POWELL 1 | RINN VALLEY WEST N18-20-4N | 83 | TOP OPERATING COMPANY | 01/22/1983 | PR | 211 | 282 | | 7113 | 7096 |
| 48 | | 05-123-19702 | MAYEDA 3 | | | TOP OPERATING COMPANY | | AL | | 282 | | | |
| 49 | | 05-123-19703 | MAYEDA 6 | | | TOP OPERATING COMPANY | | AL | | 282 | | | |
| 50 | | 05-123-19704 | MAYEDA 5 | | | TOP OPERATING COMPANY | | AL | | 282 | | | |
| 51 | | 05-123-19705 | MAYEDA 4 | | | TOP OPERATING COMPANY | | AL | | 282 | | | |
| 52 | | 05-123-19706 | MAYEDA 7 | | | TOP OPERATING COMPANY | | AL | | 282 | | | |
| 53 | x | 05-123-20088 | EVANS 1 | | | TOP OPERATING COMPANY | | AL | | 282 | | | |
| 54 | | 05-123-20089 | EVANS 2 | | | TOP OPERATING COMPANY | | AL | | 282 | | | |
| 55 | | 05-123-20090 | EVANS 3 | | | TOP OPERATING COMPANY | | AL | | 282 | | | |
| 56 | | 05-123-20091 | EVANS 4 | | | TOP OPERATING COMPANY | | AL | | 282 | | | |
| 57 | | 05-123-20092 | EVANS 5 | | | TOP OPERATING COMPANY | | AL | | 282 | | | |
| 58 | | 05-123-20093 | EVANS 6 | RINN VALLEY WEST N18-20-3N | 73 | TOP OPERATING COMPANY | 11/03/2005 | PR | 437 | 282 | | 7086 | 6503 |
| 59 | | 05-123-20094 | EVANS 7 | | | TOP OPERATING COMPANY | | AL | | 282 | | | |
| 60 | x | 05-123-10016 | GREAT WESTERN SUGAR CO 1 | | | VESSELS OIL & GAS COMPANY | | AL | | 282 | | | |
| 61 | | 05-123-11394 | NIWOT 1 | RINN VALLEY EAST N17-20-13C | 98 | EXTRACTION OIL & GAS INC | 10/12/1983 | SI | 264 | 282 | | 7070 | 7170 |
| 62 | x | 05-123-11969 | LONGMONT 1 | | | BARRETT RESOURCES CORP | | AL | | 282 | | | |
| 63 | | 05-123-18510 | LONGMONT 8-10K | RINN VALLEY EAST N17-20-9N | 934 | TOP OPERATING COMPANY | 10/01/1994 | SI | 581 | 282 | x | 7068 | 6450 |
| 64 | x | 05-123-18553 | SAUNDERS TRUST 8-2K8 | RINN VALLEY EAST N17-20-9N | 874 | EXTRACTION OIL & GAS INC | 12/22/1994 | PR | 667 | 282 | | 7140 | 6720 |
| 65 | | 05-123-20095 | EVANS 8 | | | TOP OPERATING COMPANY | | AL | | 282 | | | |

| | | | | | | | | | | | | | |
|----|---|--------------|----------------------|-----------------------------|------|---------------------------------------|------------|----|------|-----|---|------|------|
| 66 | | 05-123-10158 | SCHLAGEL 1 | RINN VALLEY EAST N17-20-13C | 92 | EXTRACTION OIL & GAS INC | 07/23/1981 | PR | 225 | 282 | | 7902 | 6556 |
| 67 | | 05-123-10422 | SCHLAGEL 2 | RINN VALLEY EAST N17-20-9N | 823 | EXTRACTION OIL & GAS INC | 10/19/1981 | PR | 529 | 282 | | 7181 | 6900 |
| 68 | | 05-123-11970 | DISTEL 1 | | | BARRETT RESOURCES CORP | | AL | | 282 | | | |
| 69 | | 05-123-30539 | FILE 31-17 | | | JRS PETROLEUM LLC | | AL | | 282 | | | |
| 70 | | 05-123-30710 | FILE 32-17 | | | JRS PETROLEUM LLC | | AL | | 282 | | | |
| 71 | | 05-123-30711 | FILE 42-17 | | | JRS PETROLEUM LLC | | AL | | 282 | | | |
| 72 | | 05-123-30712 | FILE 1 | | | JRS PETROLEUM LLC | | AL | | 282 | | | |
| 73 | x | 05-123-34128 | FILE 1-17 | RINN VALLEY EAST N17-20-9N | 853 | CRESTONE PEAK RESOURCES OPERATING LLC | 02/27/2012 | PR | 1006 | 282 | | 7156 | 3260 |
| 74 | x | 05-123-34129 | FILE 6-0-17 | RINN VALLEY EAST N17-20-9N | 1283 | CRESTONE PEAK RESOURCES OPERATING LLC | 03/14/2012 | PR | 1022 | 282 | | 7347 | 3030 |
| 75 | x | 05-123-34130 | FILE 32-17 | RINN VALLEY EAST N17-20-9N | 429 | CRESTONE PEAK RESOURCES OPERATING LLC | 03/21/2012 | PR | 1037 | 282 | | 7292 | 3540 |
| 76 | x | 05-123-34132 | FILE 4-2-17 | RINN VALLEY EAST N17-20-9N | 41 | CRESTONE PEAK RESOURCES OPERATING LLC | 03/28/2012 | PR | 1008 | 282 | | 7234 | 3380 |
| 77 | x | 05-123-34264 | FILE 31-17 | RINN VALLEY EAST N17-20-9N | 440 | CRESTONE PEAK RESOURCES OPERATING LLC | 04/02/2012 | PR | 998 | 282 | | 7185 | 3096 |
| 78 | | 05-123-35616 | SCHLAGEL U 17-64-1HN | | | NOBLE ENERGY INC | | AL | | 282 | | | |
| 79 | | 05-123-35619 | SCHLAGEL U 17-62HN | | | NOBLE ENERGY INC | | AL | | 282 | | | |
| 80 | | 05-123-10290 | SERAFINI GAS UNIT 1 | RINN VALLEY WEST N18-20-4N | 123 | TOP OPERATING COMPANY | 07/05/1981 | PR | 200 | 282 | | | 7140 |
| 81 | | 05-123-19113 | WILLIAMS 18-16 | RINN VALLEY WEST N18-20-4N | 125 | CRESTONE PEAK RESOURCES OPERATING LLC | 04/02/1996 | PR | 504 | 282 | x | 7216 | 6704 |
| 82 | | 05-123-21956 | WILLIAMS 23-18 | RINN VALLEY WEST N18-20-12N | 31 | CRESTONE PEAK RESOURCES OPERATING LLC | 09/16/2004 | PR | 724 | 282 | x | 7183 | 6880 |
| 83 | | 05-123-21957 | WILLIAMS 24-18 | RINN VALLEY WEST N18-20-16C | 793 | CRESTONE PEAK RESOURCES OPERATING LLC | 11/14/2004 | PR | 723 | 282 | x | 7238 | 6620 |
| 84 | | 05-123-23019 | CITY OF LONGMONT 1 | RINN VALLEY WEST N18-20-7N | 92 | TOP OPERATING COMPANY | 07/10/2005 | PR | 445 | 282 | | 7134 | 6910 |
| 85 | x | 05-123-23562 | WILLIAMS 34-18 | | | ENCANA OIL & GAS (USA) INC | | AL | | 282 | | | |
| 86 | | 05-123-23568 | WILLIAMS 43-18 | RINN VALLEY WEST N18-20-4N | 135 | CRESTONE PEAK RESOURCES OPERATING LLC | 01/16/2007 | PR | 760 | 282 | x | 7168 | 6418 |

| | | | | | | | | | | | | | |
|-----|---|--------------|---------------------------|-----------------------------|------|---------------------------------------|------------|----|-----|-----|---|------|------|
| 87 | | 05-123-23886 | SHERWOOD 1 | RINN VALLEY WEST N18-20-11C | 5 | TOP OPERATING COMPANY | 05/27/2006 | PR | 453 | 282 | | 7124 | 6780 |
| 88 | | 05-123-23908 | SHERWOOD 2 | RINN VALLEY WEST N18-20-11C | 6 | TOP OPERATING COMPANY | 06/01/2006 | PR | 453 | 282 | | 7130 | 6770 |
| 89 | | 05-123-24532 | WILLIAMS 34-18 | RINN VALLEY WEST N18-20-11C | 68 | CRESTONE PEAK RESOURCES OPERATING LLC | 01/10/2007 | PR | 772 | 282 | x | 7332 | 6480 |
| 90 | | 05-123-24542 | WILLIAMS 33-18 | RINN VALLEY WEST N18-20-9N | 21 | CRESTONE PEAK RESOURCES OPERATING LLC | 01/22/2007 | PR | 772 | 282 | x | 7174 | 6570 |
| 91 | | 05-123-24882 | WILLIAMS 13-18 | RINN VALLEY WEST N18-20-16C | 282 | CRESTONE PEAK RESOURCES OPERATING LLC | 08/01/2007 | PR | 774 | 282 | | 7202 | 6700 |
| 92 | | 05-123-32523 | WILLIAMS 4-6-18 | | | ENCANA OIL & GAS (USA) INC | | AL | | 282 | | | |
| 93 | | 05-123-32525 | Williams 8-6-18 | | | ENCANA OIL & GAS (USA) INC | | AL | | 282 | | | |
| 94 | | 05-123-32528 | Williams 8-8-18 | | | ENCANA OIL & GAS (USA) INC | | AL | | 282 | | | |
| 95 | x | 05-123-32529 | WILLIAMS 6-4-18 | | | ENCANA OIL & GAS (USA) INC | | AL | | 282 | | | |
| 96 | x | 05-123-33423 | WILLIAMS 3A-18H | RINN VALLEY WEST N18-20-2C | 26 | CRESTONE PEAK RESOURCES OPERATING LLC | 09/21/2011 | PR | 855 | 282 | | 7512 | 6820 |
| 97 | | 05-123-11570 | REGNIER FARMS B UNIT 1 | RINN VALLEY WEST N18-20-4N | 902 | CRESTONE PEAK RESOURCES OPERATING LLC | 12/16/1983 | PR | 708 | 282 | | 7208 | 7060 |
| 98 | | 05-123-21596 | ROSS 21-19 | RINN VALLEY WEST N18-20-8C | 994 | CRESTONE PEAK RESOURCES OPERATING LLC | 09/12/2003 | PR | 713 | 282 | x | 7242 | 6750 |
| 99 | | 05-123-24655 | REGNIER FARMS 31-19 | RINN VALLEY WEST N18-20-8C | 643 | CRESTONE PEAK RESOURCES OPERATING LLC | 02/23/2007 | PR | 748 | 282 | x | 7242 | 6880 |
| 100 | | 05-123-43234 | Rasmussen 3L-19H-M268 | RINN VALLEY WEST N18-20-8C | 979 | CRESTONE PEAK RESOURCES OPERATING LLC | | XX | | 282 | | | |
| 101 | | 05-123-43236 | Rasmussen 3I-19H-M268 | RINN VALLEY WEST N18-20-8C | 1361 | CRESTONE PEAK RESOURCES OPERATING LLC | | XX | | 282 | | | |
| 102 | | 05-123-43238 | Rasmussen 3J-19H-M268 | RINN VALLEY WEST N18-20-8C | 1210 | CRESTONE PEAK RESOURCES OPERATING LLC | | XX | | 282 | | | |
| 103 | | 05-123-43239 | Rasmussen 3K-19H-M268 | RINN VALLEY WEST N18-20-8C | 1073 | CRESTONE PEAK RESOURCES OPERATING LLC | | XX | | 282 | | | |
| 104 | | 05-123-44936 | Regnier Farms 1K-19H-B268 | RINN VALLEY WEST N18-20-2C | 518 | CRESTONE PEAK RESOURCES OPERATING LLC | | XX | | 282 | | | |
| 105 | | 05-123-44937 | Regnier Farms 1I-19H-B268 | RINN VALLEY WEST N18-20-3N | 512 | CRESTONE PEAK RESOURCES OPERATING LLC | | XX | | 282 | | | |

| | | | | | | | | | | |
|-----|---|--------------|------------------------------|--------------------------------------|-----|---|----|-----|--|--|
| 106 | | 05-123-44938 | Regnier Farms 1C-19H-B268 | RINN VALLEY WEST N18- 20-7N | 515 | CRESTONE PEAK RESOURCES OPERATING LLC | XX | 282 | | |
| 107 | | 05-123-44939 | Regnier Farms 1L-19H-B268 | RINN VALLEY WEST N18- 20-5C | 497 | CRESTONE PEAK RESOURCES OPERATING LLC | XX | 282 | | |
| 108 | | 05-123-44940 | Regnier Farms 1E-19H-B268 | RINN VALLEY WEST N18- 20-6N | 518 | CRESTONE PEAK RESOURCES OPERATING LLC | XX | 282 | | |
| 109 | | 05-123-44941 | Regnier Farms 1G-19H-B268 | RINN VALLEY WEST N18- 20-1N | 521 | CRESTONE PEAK RESOURCES OPERATING LLC | XX | 282 | | |
| 110 | | 05-123-44942 | Regnier Farms 1D-19H-B268 | RINN VALLEY WEST N18- 20-6N | 522 | CRESTONE PEAK RESOURCES OPERATING LLC | XX | 282 | | |
| 111 | | 05-123-44943 | Regnier Farms 1A-19H-B268 | RINN VALLEY WEST N18- 20-8C | 522 | CRESTONE PEAK RESOURCES OPERATING LLC | XX | 282 | | |
| 112 | | 05-123-44944 | Regnier Farms 1H-19H-B268 | RINN VALLEY WEST N18- 20-4N | 513 | CRESTONE PEAK RESOURCES OPERATING LLC | XX | 282 | | |
| 113 | | 05-123-44945 | Regnier Farms 1F-19H-B268 | RINN VALLEY WEST N18- 20-5C | 518 | CRESTONE PEAK RESOURCES OPERATING LLC | XX | 282 | | |
| 114 | | 05-123-44946 | Regnier Farms 1J-19H-B268 | RINN VALLEY WEST N18- 20-2C | 546 | CRESTONE PEAK RESOURCES OPERATING LLC | XX | 282 | | |
| 115 | | 05-123-44947 | Regnier Farms 1B-19H-B268 | RINN VALLEY WEST N18- 20-7N | 550 | CRESTONE PEAK RESOURCES OPERATING LLC | XX | 282 | | |
| 116 | x | 05-123-21901 | SCHLAGEL 4-20 | | | KERR MCGEE OIL & GAS ONSHORE LP | AL | 282 | | |
| 117 | | 05-013-06140 | PACE 'G' UNIT 1 | | | VESSELS OIL & GAS COMPANY | AL | 282 | | |

Total Wells: 117

Meets Standard(STD): 40

Needs Evaluation: 77