

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 | | 05-123-11786 | CARPIO 22-01 | LARSON A23-622 | 689 | NOBLE ENERGY INC | 06/06/1905 | PR | 307 | 700 | | 6633 | 6350 |
| 2 | | 05-123-15668 | CARPIO 22-41 | LARSON A23-639 | 522 | NOBLE ENERGY INC | 06/14/1905 | PR | 387 | 700 | | 6615 | 6265 |
| 3 | | 05-123-26079 | CARPIO 22-45 | LARSON A23-627 | 1012 | NOBLE ENERGY INC | 06/29/1905 | PR | 667 | 700 | | 6622 | 2630 |
| 4 | | 05-123-22827 | CARPIO A26-04 | LARSON A23-622 | 1384 | NOBLE ENERGY INC | 06/27/1905 | PR | 919 | 700 | | 6555 | 2908 |
| 5 | | 05-123-18514 | CECIL 23-13 | LARSON A23-639 | 1500 | NOBLE ENERGY INC | 06/16/1905 | PR | 351 | 700 | | 6558 | 5765 |
| 6 | | 05-123-10959 | CHAMPLIN 23- 02 | LARSON A23-639 | 110 | PETRO- CANADA RESOURCES (USA) INC | 06/05/1905 | PA | 233 | 700 | | 6599 | 6114 |
| 7 | | 05-123-11845 | CHAMPLIN 23- 03 | LARSON A23-622 | 92 | NOBLE ENERGY INC | 06/06/1905 | PR | 330 | 700 | | 6561 | 6214 |
| 8 | | 05-123-08968 | CHAMPLIN AMOCO A01 308 | LARSON A23-622 | 146 | AMOCO PRODUCTION CO. | 05/29/1905 | PA | 205 | 700 | | 6543 | 6305 |
| 9 | x | 05-123-25530 | COOK 20D | LARSON AA19-630 | 170 | PDC ENERGY INC | 06/30/1905 | PR | 491 | 700 | | 6453 | 168 |
| 10 | x | 05-123-25528 | COOK 33-20 | LARSON AA19-635 | 194 | PDC ENERGY INC | 06/30/1905 | PR | 502 | 700 | | 6455 | 0 |
| 11 | x | 05-123-25529 | COOK 34-20 | LARSON AA19-618 | 28 | PDC ENERGY INC | 06/30/1905 | PR | 501 | 700 | | 6453 | 0 |
| 12 | x | 05-123-25249 | COOK 43-20 | LARSON AA19-635 | 107 | PDC ENERGY INC | 06/30/1905 | PR | 490 | 700 | | 6454 | 0 |
| 13 | x | 05-123-25250 | COOK 44-20 | LARSON AA19-618 | 134 | PDC ENERGY INC | 06/30/1905 | PR | 503 | 700 | | 6454 | 0 |
| 14 | x | 05-123-30426 | COOPER 23-01- 20 | LARSON A23-639 | 851 | NOBLE ENERGY INC | 07/02/1905 | PR | 521 | 700 | | 6639 | 2216 |
| 15 | | 05-123-23712 | FOSS 41-23D | LARSON A23-639 | 1214 | NOBLE ENERGY INC | 06/28/1905 | PR | 544 | 700 | | 6868 | 2711 |
| 16 | | 05-123-23549 | FOSS 42-23 | LARSON A23-639 | 1194 | NOBLE ENERGY INC | 06/28/1905 | PR | 530 | 700 | | 6612 | 3246 |
| 17 | | 05-123-10789 | GILL LAND ASSOC. 01 | LARSON A23-639 | 1448 | NOBLE ENERGY INC | 06/04/1905 | PA | 231 | 700 | | 6650 | 6470 |
| 18 | | 05-123-21751 | J & L FARMS 11 -29 | LARSON AA19-618 | 1183 | PDC ENERGY INC | 06/25/1905 | SI | 671 | 700 | | 6460 | 2795 |
| 19 | | 05-123-21805 | J & L FARMS 12 -20 | LARSON AA19-635 | 1417 | PDC ENERGY INC | 06/26/1905 | PR | 363 | 700 | | 6475 | 2606 |
| 20 | | 05-123-21695 | J & L FARMS 21 -29 | LARSON AA19-618 | 1226 | PDC ENERGY INC | 06/25/1905 | PR | 363 | 700 | | 6462 | 3246 |
| 21 | | 05-123-20005 | J & L FARMS 23 -12 | LARSON A23-639 | 1227 | PDC ENERGY INC | 06/22/1905 | PR | 289 | 700 | | 6581 | 5902 |
| 22 | | 05-123-19904 | J & L FARMS 23 -22 | LARSON A23-639 | 1347 | PDC ENERGY INC | 06/22/1905 | PR | 421 | 700 | | 6567 | 6320 |
| 23 | | 05-123-21511 | J & L FARMS 31 -29 | LARSON AA19-618 | 1388 | PDC ENERGY INC | 06/25/1905 | SI | 669 | 700 | | 6475 | 3062 |
| 24 | | 05-123-21807 | J & L FARMS 31 -30 | LARSON AA19-618 | 1322 | PDC ENERGY INC | 06/25/1905 | PR | 664 | 700 | | 6458 | 2786 |
| 25 | | 05-123-22317 | J & L FARMS 32 -19 | LARSON AA19-635 | 1287 | PDC ENERGY INC | 06/26/1905 | PR | 408 | 700 | | 6482 | 2464 |
| 26 | | 05-123-21510 | J & L FARMS 41 -29 | LARSON AA19-618 | 1168 | PDC ENERGY INC | 06/25/1905 | SI | 363 | 700 | | 6459 | 2800 |
| 27 | | 05-123-22684 | J & L FARMS 42 -19 | LARSON AA19-635 | 1411 | PDC ENERGY INC | 06/27/1905 | PR | 453 | 700 | | 6475 | 2266 |
| 28 | | 05-123-14701 | LARSON A25-01 | LARSON AA19-618 | 1355 | NOBLE ENERGY INC | 06/12/1905 | PA | 273 | 700 | | 6493 | 6066 |
| 29 | | 05-123-14702 | LARSON A25-02 | LARSON A23-622 | 1490 | NOBLE ENERGY INC | 06/12/1905 | PA | 273 | 700 | | 6509 | 5930 |
| 30 | | 05-123-14703 | LARSON A25-03 | LARSON A23-622 | 1478 | NOBLE ENERGY INC | 06/12/1905 | PA | 274 | 700 | | 6503 | 6010 |
| 31 | | 05-123-26476 | LARSON A25- 03X | LARSON A23-622 | 1322 | NOBLE ENERGY INC | 06/29/1905 | PA | 778 | 700 | | 6503 | 2050 |

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|----|---|--------------|------------------------|-----------------|------|--|------------|----|-----|-----|--|------|------|
| 32 | x | 05-123-34360 | LARSON FARMS 02-24 | LARSON A23-639 | 1404 | BAYSWATER EXPLORATION AND PRODUCTION LLC | 07/03/1905 | SI | 760 | 700 | | 6709 | 512 |
| 33 | x | 05-123-34147 | LARSON FARMS 03-24 | LARSON A23-639 | 114 | BAYSWATER EXPLORATION AND PRODUCTION LLC | 07/03/1905 | PR | 757 | 700 | | 6580 | 225 |
| 34 | x | 05-123-34148 | LARSON FARMS 04-24 | LARSON A23-639 | 134 | BAYSWATER EXPLORATION AND PRODUCTION LLC | 07/03/1905 | PR | 759 | 700 | | 7033 | 452 |
| 35 | x | 05-123-34145 | LARSON FARMS 05-24 | LARSON A23-633 | 0 | BAYSWATER EXPLORATION AND PRODUCTION LLC | 07/03/1905 | PR | 760 | 700 | | 6850 | 404 |
| 36 | x | 05-123-34146 | LARSON FARMS 06-24 | LARSON A23-622 | 0 | BAYSWATER EXPLORATION AND PRODUCTION LLC | 07/03/1905 | PR | 760 | 700 | | 7106 | 280 |
| 37 | x | 05-123-34149 | LARSON FARMS 07-24 | LARSON A23-622 | 0 | BAYSWATER EXPLORATION AND PRODUCTION LLC | 07/03/1905 | PR | 759 | 700 | | 6904 | 352 |
| 38 | | 05-123-24331 | LARSON USX AA19-05 | LARSON A23-639 | 1330 | NOBLE ENERGY INC | 06/29/1905 | PR | 858 | 700 | | 6495 | 5933 |
| 39 | | 05-123-14710 | MCINTOSH 33-23 | LARSON A23-639 | 119 | PDC ENERGY INC | 06/12/1905 | PR | 305 | 700 | | 6579 | 6252 |
| 40 | | 05-123-14506 | MCINTOSH 34-23 | LARSON A23-622 | 162 | PDC ENERGY INC | 06/12/1905 | PR | 316 | 700 | | 6511 | 6100 |
| 41 | | 05-123-21663 | MCINTOSH 43-23 | LARSON A23-639 | 156 | PDC ENERGY INC | 06/25/1905 | PR | 424 | 700 | | 6498 | 2665 |
| 42 | | 05-123-21662 | MCINTOSH 44-23 | LARSON A23-622 | 351 | PDC ENERGY INC | 06/25/1905 | PR | 424 | 700 | | 6537 | 2460 |
| 43 | | 05-123-26192 | PEPPLER 24-32 | LARSON A23-639 | 276 | NOBLE ENERGY INC | 06/29/1905 | PR | 451 | 700 | | 6548 | 5914 |
| 44 | | 05-123-22881 | SCHROEDER 23-31 | LARSON A23-639 | 130 | NOBLE ENERGY INC | 06/27/1905 | PR | 860 | 700 | | 6555 | 3350 |
| 45 | | 05-123-27282 | SCHROEDER 23-33 | LARSON A23-622 | 362 | NOBLE ENERGY INC | 06/29/1905 | PR | 889 | 700 | | 6579 | 6000 |
| 46 | x | 05-123-42889 | Shadow A26-672 | LARSON AA19-618 | 1421 | NOBLE ENERGY INC | 07/08/1905 | DG | | 700 | | | |
| 47 | x | 05-123-42890 | Shadow A26-685 | LARSON AA19-618 | 848 | NOBLE ENERGY INC | 07/08/1905 | DG | | 700 | | | |
| 48 | x | 05-123-42891 | Shadow A26-690 | LARSON AA19-618 | 522 | NOBLE ENERGY INC | 07/08/1905 | DG | | 700 | | | |
| 49 | | 05-123-23561 | SIDWELL A26-03 | LARSON A23-622 | 1391 | NOBLE ENERGY INC | 06/28/1905 | PR | 892 | 700 | | 6807 | 2136 |
| 50 | | 05-123-20876 | STATE 6524 11-28 | LARSON AA19-618 | 1443 | PDC ENERGY INC | 06/25/1905 | SI | 366 | 700 | | 6544 | 2956 |
| 51 | | 05-123-27051 | THRALL USX AA19-11 | LARSON AA19-635 | 103 | NOBLE ENERGY INC | 06/28/1905 | PR | 778 | 700 | | 6468 | 2094 |
| 52 | | 05-123-27052 | THRALL USX AA19-12 | LARSON AA19-635 | 417 | NOBLE ENERGY INC | 06/29/1905 | PR | 779 | 700 | | 6470 | 2160 |
| 53 | | 05-123-24445 | THRALL USX AA19-13 | LARSON AA19-618 | 141 | NOBLE ENERGY INC | 06/29/1905 | PR | 785 | 700 | | 6489 | 2134 |
| 54 | | 05-123-27050 | THRALL USX AA19-14 | LARSON AA19-618 | 51 | NOBLE ENERGY INC | 06/28/1905 | PR | 784 | 700 | | 6455 | 1946 |
| 55 | | 05-123-26516 | THRALL USX AA19-25 | LARSON AA19-635 | 92 | NOBLE ENERGY INC | 06/29/1905 | PR | 782 | 700 | | 6495 | 1730 |
| 56 | | 05-123-26434 | WELL RANCH USX AA19-15 | LARSON AA19-618 | 89 | NOBLE ENERGY INC | 06/29/1905 | PR | 820 | 700 | | 6471 | 2330 |
| 57 | | 05-123-25600 | WELLS RANCH 13-20 | LARSON AA19-635 | 89 | PDC ENERGY INC | 06/27/1905 | PR | 409 | 700 | | 6462 | 1750 |
| 58 | | 05-123-22774 | WELLS RANCH 14-20 | LARSON AA19-618 | 60 | PDC ENERGY INC | 06/27/1905 | PR | 455 | 700 | | 6461 | 2080 |
| 59 | | 05-123-22775 | WELLS RANCH 23-20 | LARSON AA19-635 | 97 | PDC ENERGY INC | 06/27/1905 | PR | 455 | 700 | | 6463 | 2462 |
| 60 | | 05-123-25601 | WELLS RANCH 24-20 | LARSON AA19-618 | 59 | PDC ENERGY INC | 06/27/1905 | PR | 764 | 700 | | 6454 | 2328 |
| 61 | | 05-123-22724 | WELLS RANCH 41-30 | LARSON AA19-618 | 1191 | PDC ENERGY INC | 06/27/1905 | PR | 764 | 700 | | 6454 | 2328 |

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|----|---|--------------|--------------------------------------|--------------------|------|---------------------|------------|----|-----|-----|--|------|------|
| 62 | x | 05-123-26805 | WELLS RANCH AA21-12 | LARSON AA19-635 | 619 | NOBLE ENERGY INC | 06/30/1905 | PR | 529 | 700 | | 6553 | 796 |
| 63 | x | 05-123-26804 | WELLS RANCH AA21-13 | LARSON AA19-618 | 523 | NOBLE ENERGY INC | 06/30/1905 | PR | 536 | 700 | | 6568 | 950 |
| 64 | x | 05-123-37597 | WELLS RANCH AA21-63-1HN | LARSON AA19-624 | 525 | NOBLE ENERGY INC | 07/06/1905 | PR | | 700 | | 6642 | 1208 |
| 65 | x | 05-123-37600 | WELLS RANCH AA21-63HN | LARSON AA19-630 | 537 | NOBLE ENERGY INC | 07/06/1905 | PR | 952 | 700 | | 6666 | 865 |
| 66 | x | 05-123-37596 | WELLS RANCH AA21-64-1HN | LARSON AA19-635 | 541 | NOBLE ENERGY INC | 07/06/1905 | PR | | 700 | | 6778 | 670 |
| 67 | x | 05-123-37599 | WELLS RANCH AA21-65-1HN | LARSON AA19-635 | 749 | NOBLE ENERGY INC | 07/06/1905 | PR | 960 | 700 | | 6773 | 1216 |
| 68 | x | 05-123-37810 | WELLS RANCH AA21-65HN | LARSON AA19-635 | 1049 | NOBLE ENERGY INC | 07/05/1905 | PR | 924 | 700 | | 6677 | 1105 |
| 69 | x | 05-123-37712 | WELLS RANCH AA21-66-1HN | LARSON AA19-635 | 1270 | NOBLE ENERGY INC | 07/06/1905 | PR | | 700 | | 6668 | 1170 |
| 70 | x | 05-123-37598 | WELLS RANCH STATE AA21-62 -1HN | LARSON AA19-618 | 599 | NOBLE ENERGY INC | 07/06/1905 | PR | 960 | 700 | | 6697 | 800 |
| 71 | x | 05-123-38140 | WELLS RANCH STATE AA28- 69HN | LARSON AA19-618 | 786 | NOBLE ENERGY INC | 07/05/1905 | PR | | 700 | | 6759 | 746 |
| 72 | | 05-123-43872 | Wells Ranch State AA33-766 | LARSON AA19-618 | 894 | NOBLE ENERGY INC | | XX | | 700 | | | |
| 73 | x | 05-123-43871 | Wells Ranch State AA33-775 | LARSON AA19-618 | 860 | NOBLE ENERGY INC | | XX | | 700 | | | |
| 74 | x | 05-123-43875 | Wells Ranch State AA33-785 | LARSON AA19-618 | 461 | NOBLE ENERGY INC | | XX | | 700 | | | |
| 75 | x | 05-123-43876 | Wells Ranch State AA33-790 | LARSON AA19-618 | 283 | NOBLE ENERGY INC | | XX | | 700 | | | |
| 76 | | 05-123-26433 | WELLS RANCH USX AA19-09 | LARSON AA19-635 | 255 | NOBLE ENERGY INC | 06/29/1905 | PR | 825 | 700 | | 6471 | 1240 |
| 77 | | 05-123-26432 | WELLS RANCH USX AA19-10 | LARSON AA19-635 | 260 | NOBLE ENERGY INC | 06/29/1905 | PR | 816 | 700 | | 6517 | 2450 |
| 78 | | 05-123-26435 | WELLS RANCH USX AA19-16 | LARSON AA19-618 | 85 | NOBLE ENERGY INC | 06/29/1905 | PR | 798 | 700 | | 6511 | 2278 |
| 79 | | 05-123-24725 | WELLS RANCH USX AA19-23 | LARSON AA19-630 | 78 | NOBLE ENERGY INC | 06/29/1905 | PR | 802 | 700 | | 6476 | 1738 |

Total Wells: 79

Meets Standard(STD): 28

Needs Evaluation: 51