

# 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        | 05-123-29970      | 70 RANCH 11-9             | WELLS RANCH STATE BB09 -683           | 208   | NOBLE                | 06/28/1905 | PR                 | 459           | 433  |  | 6515                    | 5902                         |
| 2   | x        | 05-123-29972      | 70 RANCH 22-9             | WELLS RANCH BB09-665                  | 258   | NOBLE                | 06/28/1905 | PR                 | 459           | 423  |  | 6504                    | 5904                         |
| 3   | x        | 05-123-29960      | 70 RANCH 31-9             | WELLS RANCH BB09-674                  | 138   | NOBLE                | 06/28/1905 | PR                 | 429           | 404  |  | 6465                    | 5675                         |
| 4   | x        | 05-123-23998      | 70 RANCH 41-9             | WELLS RANCH STATE BB09 -683           | 273   | NOBLE                | 06/28/1905 | PR                 | 460           | 400  |  | 6447                    | 5894                         |
| 5   | x        | 05-123-28083      | 70 RANCH USX BB 09-05     | WELLS RANCH BB09-665                  | 297   | NOBLE                | 06/30/1905 | PR                 |               | 428  |  | 6526                    | 1674                         |
| 6   | x        | 05-123-28072      | 70 RANCH USX BB 09-07     | WELLS RANCH BB09-665                  | 368   | NOBLE                | 07/01/1905 | PR                 | 557           | 400  |  | 6452                    | 480                          |
| 7   | x        | 05-123-28073      | 70 RANCH USX BB 09-08     | WELLS RANCH BB09-665                  | 398   | NOBLE                | 07/01/1905 | PR                 | 525           | 400  |  | 6433                    | 660                          |
| 8   | x        | 05-123-30639      | 70 RANCH USX BB 09-99HZ   | WELLS RANCH BB09-665                  | 0   | NOBLE                | 07/01/1905 | PR                 |               | 428  |  | 6623                    | 2000                         |
| 9   | x        | 05-123-20924      | NHF 21-9                  | WELLS RANCH STATE BB09 -683           | 140   | PDC ENERGY INC       | 06/25/1905 | PR                 | 406           | 421  |  | 6495                    | 2920                         |
| 10  | x        | 05-123-20431      | STATE 24-4                | WELLS RANCH STATE BB09 -683           | 1051  | PDC ENERGY INC       | 06/23/1905 | PR                 | 422           | 413  |  | 6470                    | 2907                         |
| 11  | x        | 05-123-20676      | STATE 5519 #41 -8         | WELLS RANCH BB09-674                  | 1368  | PDC ENERGY INC       | 06/24/1905 | PR                 | 402           | 409  |  | 6511                    | 2900                         |
| 12  | x        | 05-123-20677      | STATE 5519 42-8           | WELLS RANCH BB09-665                  | 1253  | PDC ENERGY INC       | 06/25/1905 | PR                 | 361           | 400  |  | 6490                    | 3170                         |
| 13  | x        | 05-123-14128      | STATE LEASE 34-4          | WELLS RANCH STATE BB09 -683           | 1116  | PDC ENERGY INC       | 06/10/1905 | PA                 | 208           | 417  |  | 6481                    |                              |
| 14  | x        | 05-123-19431      | STATE WELLS 14-4          | WELLS RANCH STATE BB09 -683           | 1134  | PDC ENERGY INC       | 06/19/1905 | PR                 | 317           | 420  |  | 6526                    | 6270                         |
| 15  | x        | 05-123-20505      | STATE WELLS 44-4          | WELLS RANCH STATE BB09 -683           | 1072  | PDC ENERGY INC       | 06/23/1905 | PR                 | 428           | 402  |  | 6475                    | 3045                         |
| 16  | x        | 05-123-20658      | WELL RANCH # 42-10        | WELLS RANCH BB09-665                  | 370   | PDC ENERGY INC       | 06/23/1905 | PR                 | 361           | 400  |  | 6367                    | 3195                         |
| 17  | x        | 05-123-21130      | WELLS 12-11               | WELLS RANCH BB11-667                  | 204   | NOBLE                | 06/25/1905 | PR                 | 413           | 400  |  | 6322                    | 3612                         |
| 18  | x        | 05-123-21013      | WELLS 34-03               | WELLS RANCH STATE BB09 -683           | 1115  | NOBLE                | 06/24/1905 | PR                 | 404           | 400  |  | 6387                    | 7104                         |
| 19  | x        | 05-123-26320      | WELLS RANCH - USX BB 3-14 | WELLS RANCH STATE BB09 -683           | 958   | NOBLE                | 06/29/1905 | PR                 | 482           | 400  |  | 6409                    | 1756                         |
| 20  | x        | 05-123-35497      | WELLS RANCH 02X-334       | WELLS RANCH BB11-682                  | 1141  | PDC ENERGY INC       |            | XX                 |               |  |  |                         |                              |
| 21  | x        | 05-123-35623      | WELLS RANCH 02Y-204       | WELLS RANCH BB11-682                  | 601   | PDC ENERGY INC       |            | XX                 |               |  |  |                         |                              |

|    |   |              |                        |                                      |      |                   |            |    |     |     |  |      |      |
|----|---|--------------|------------------------|--------------------------------------|------|-------------------|------------|----|-----|-----|--|------|------|
| 22 | x | 05-123-35498 | WELLS RANCH<br>02Y-414 | WELLS<br>RANCH<br>BB11-682           | 932  | PDC ENERGY<br>INC |            | XX |     |     |  |      |      |
| 23 | x | 05-123-25906 | WELLS RANCH<br>10A     | WELLS<br>RANCH<br>BB09-665           | 260  | PDC ENERGY<br>INC | 06/30/1905 | PR | 459 | 400 |  | 6423 | 584  |
| 24 | x | 05-123-20853 | WELLS RANCH<br>10C     | WELLS<br>RANCH<br>BB11-674           | 1040 | PDC ENERGY<br>INC | 06/24/1905 | PR | 365 | 400 |  | 6378 | 2440 |
| 25 | x | 05-123-31408 | Wells Ranch 10F        | WELLS<br>RANCH<br>BB09-665           | 162  | PDC ENERGY<br>INC | 07/02/1905 | PR | 531 | 400 |  | 6478 | 0    |
| 26 | x | 05-123-31415 | Wells Ranch 10J        | WELLS<br>RANCH<br>STATE BB09<br>-683 | 351  | PDC ENERGY<br>INC | 07/02/1905 | PR | 483 | 400 |  | 6412 | 0    |
| 27 | x | 05-123-31370 | Wells Ranch 10K        | WELLS<br>RANCH<br>BB09-665           | 1187 | PDC ENERGY<br>INC | 07/02/1905 | PR | 548 | 400 |  | 6401 | 0    |
| 28 | x | 05-123-25908 | WELLS RANCH<br>11-10   | WELLS<br>RANCH<br>STATE BB09<br>-683 | 281  | PDC ENERGY<br>INC | 06/30/1905 | PR | 457 | 400 |  | 6410 | 0    |
| 29 | x | 05-123-25907 | WELLS RANCH<br>12-10   | WELLS<br>RANCH<br>BB09-665           | 586  | PDC ENERGY<br>INC | 06/30/1905 | PR | 445 | 400 |  | 6402 | 0    |
| 30 | x | 05-123-21352 | WELLS RANCH<br>14-01   | WELLS<br>RANCH<br>BB11-682           | 1148 | PDC ENERGY<br>INC | 06/25/1905 | PR | 410 | 400 |  | 6341 | 3310 |
| 31 | x | 05-123-21128 | WELLS RANCH<br>14-02   | WELLS<br>RANCH<br>BB11-682           | 1212 | PDC ENERGY<br>INC | 06/25/1905 | PR | 399 | 400 |  | 6377 | 2792 |
| 32 | x | 05-123-25909 | WELLS RANCH<br>21-10   | WELLS<br>RANCH<br>STATE BB09<br>-683 | 157  | PDC ENERGY<br>INC | 06/30/1905 | PR | 454 | 400 |  | 6434 | 0    |
| 33 | x | 05-123-25910 | WELLS RANCH<br>22-10   | WELLS<br>RANCH<br>BB09-665           | 315  | PDC ENERGY<br>INC | 06/30/1905 | PR | 456 | 400 |  | 6400 | 22   |
| 34 | x | 05-123-21378 | WELLS RANCH<br>23-11   | WELLS<br>RANCH<br>BB11-667           | 1466 | PDC ENERGY<br>INC | 06/25/1905 | PR | 413 | 400 |  | 6333 | 2775 |
| 35 | x | 05-123-22245 | WELLS RANCH<br>24-01   | WELLS<br>RANCH<br>BB11-682           | 1122 | PDC ENERGY<br>INC | 06/26/1905 | PR | 411 | 400 |  | 6341 | 2652 |
| 36 | x | 05-123-23170 | WELLS RANCH<br>24-02   | WELLS<br>RANCH<br>BB11-682           | 1376 | PDC ENERGY<br>INC | 06/28/1905 | PR | 404 | 400 |  | 6367 | 2438 |
| 37 | x | 05-123-35497 | Wells Ranch 2X-<br>334 | WELLS<br>RANCH<br>STATE BB09<br>-683 | 1264 | PDC ENERGY<br>INC |            | XX |     | 400 |  |      |      |
| 38 | x | 05-123-35623 | Wells Ranch 2Y-<br>204 | WELLS<br>RANCH<br>STATE BB09<br>-683 | 641  | PDC ENERGY<br>INC |            | XX |     | 400 |  |      |      |
| 39 | x | 05-123-35498 | Wells Ranch 2Y-<br>414 | WELLS<br>RANCH<br>STATE BB09<br>-683 | 945  | PDC ENERGY<br>INC |            | XX |     | 400 |  |      |      |
| 40 | x | 05-123-20952 | WELLS RANCH<br>31-10   | WELLS<br>RANCH<br>STATE BB09<br>-683 | 254  | PDC ENERGY<br>INC | 06/24/1905 | PR | 399 | 400 |  | 6376 | 2885 |
| 41 | x | 05-123-20552 | WELLS RANCH<br>32-10   | WELLS<br>RANCH<br>BB11-667           | 1462 | PDC ENERGY<br>INC | 06/23/1905 | PR | 407 | 400 |  | 6385 | 3110 |
| 42 | x | 05-123-23180 | WELLS RANCH<br>34-02   | WELLS<br>RANCH<br>BB11-682           | 1345 | PDC ENERGY<br>INC | 06/28/1905 | PR | 405 | 400 |  | 6360 | 2403 |
| 43 | x | 05-123-20910 | WELLS RANCH<br>41-10   | WELLS<br>RANCH<br>STATE BB09<br>-683 | 199  | PDC ENERGY<br>INC | 06/24/1905 | PR | 414 | 400 |  | 6376 | 2760 |
| 44 | x | 05-123-23171 | WELLS RANCH<br>44-02   | WELLS<br>RANCH<br>BB11-682           | 1344 | PDC ENERGY<br>INC | 06/28/1905 | PR | 401 | 400 |  | 6359 | 0    |
| 45 | x | 05-123-30333 | WELLS RANCH<br>AF06-13 | WELLS<br>RANCH<br>BB11-682           | 1338 | NOBLE             | 07/02/1905 | PR |     | 400 |  | 6304 | 2574 |

|    |   |              |                             |                                      |      |       |            |    |      |     |  |      |      |
|----|---|--------------|-----------------------------|--------------------------------------|------|-------|------------|----|------|-----|--|------|------|
| 46 | x | 05-123-41990 | Wells Ranch<br>BB01-611     | WELLS<br>RANCH<br>BB11-682           | 345  | NOBLE | 07/08/1905 | PR | 1930 |     |  | 6449 | 1350 |
| 47 | x | 05-123-41988 | Wells Ranch<br>BB01-615     | WELLS<br>RANCH<br>BB11-682           | 792  | NOBLE | 07/08/1905 | PR |      |     |  | 6510 | 1220 |
| 48 | x | 05-123-41991 | Wells Ranch<br>BB01-624     | WELLS<br>RANCH<br>BB11-682           | 1494 | NOBLE | 07/08/1905 | PR |      |     |  | 6450 | 24   |
| 49 | x | 05-123-30128 | WELLS RANCH<br>BB12-01      | WELLS<br>RANCH<br>BB11-674           | 268  | NOBLE | 07/01/1905 | PR | 552  | 400 |  | 6286 | 1534 |
| 50 | x | 05-123-30130 | WELLS RANCH<br>BB12-02      | WELLS<br>RANCH<br>BB11-682           | 218  | NOBLE | 07/01/1905 | PR | 552  | 400 |  | 6305 | 1260 |
| 51 | x | 05-123-30152 | WELLS RANCH<br>BB12-03      | WELLS<br>RANCH<br>BB11-682           | 96   | NOBLE | 07/01/1905 | PR | 567  | 400 |  | 6311 | 920  |
| 52 | x | 05-123-30153 | WELLS RANCH<br>BB12-04      | WELLS<br>RANCH<br>BB11-674           | 262  | NOBLE | 07/01/1905 | PR | 554  | 400 |  | 6328 | 1932 |
| 53 | x | 05-123-30158 | WELLS RANCH<br>BB12-05      | WELLS<br>RANCH<br>BB11-667           | 512  | NOBLE | 07/01/1905 | PR | 558  | 400 |  | 6327 | 1300 |
| 54 | x | 05-123-30149 | WELLS RANCH<br>BB12-06      | WELLS<br>RANCH<br>BB11-667           | 393  | NOBLE | 07/01/1905 | PR | 554  | 400 |  | 6301 | 1900 |
| 55 | x | 05-123-30129 | WELLS RANCH<br>BB12-07      | WELLS<br>RANCH<br>BB11-667           | 254  | NOBLE | 07/01/1905 | PR |      | 400 |  | 6283 | 1110 |
| 56 | x | 05-123-30127 | WELLS RANCH<br>BB12-08      | WELLS<br>RANCH<br>BB11-667           | 482  | NOBLE | 07/01/1905 | PR | 554  | 400 |  | 6290 | 3070 |
| 57 | x | 05-123-26757 | WELLS RANCH<br>USX BB 11-04 | WELLS<br>RANCH<br>STATE BB09<br>-683 | 498  | NOBLE | 06/30/1905 | PR | 477  | 400 |  | 6355 | 2016 |
| 58 | x | 05-123-26758 | WELLS RANCH<br>USX BB 11-06 | WELLS<br>RANCH<br>BB09-665           | 1142 | NOBLE | 06/30/1905 | PR | 473  | 400 |  | 6420 | 1480 |
| 59 | x | 05-123-26263 | WELLS RANCH<br>USX BB 3-13  | WELLS<br>RANCH<br>STATE BB09<br>-683 | 1205 | NOBLE | 06/29/1905 | PR | 521  | 400 |  | 6482 | 2213 |
| 60 | x | 05-123-26130 | WELLS RANCH<br>USX BB01-15  | WELLS<br>RANCH<br>BB11-682           | 1206 | NOBLE | 06/29/1905 | PA | 443  | 400 |  | 6307 | 1290 |
| 61 | x | 05-123-26770 | WELLS RANCH<br>USX BB01-16  | WELLS<br>RANCH<br>BB11-682           | 1104 | NOBLE | 06/30/1905 | PA | 484  | 400 |  | 6316 | 1274 |
| 62 | x | 05-123-26324 | WELLS RANCH<br>USX BB03-16  | WELLS<br>RANCH<br>BB11-682           | 1223 | NOBLE | 06/29/1905 | PR | 486  | 400 |  | 6391 | 1516 |
| 63 | x | 05-123-30476 | WELLS RANCH<br>USX BB11-01  | WELLS<br>RANCH<br>BB11-682           | 137  | NOBLE | 07/01/1905 | PR | 557  | 400 |  | 6341 | 765  |
| 64 | x | 05-123-26755 | WELLS RANCH<br>USX BB11-02  | WELLS<br>RANCH<br>BB11-682           | 170  | NOBLE | 06/30/1905 | PR | 498  | 400 |  | 6334 | 1450 |
| 65 | x | 05-123-25117 | WELLS RANCH<br>USX BB11-03  | WELLS<br>RANCH<br>BB11-682           | 110  | NOBLE | 06/29/1905 | PR | 494  | 400 |  | 6366 | 1690 |
| 66 | x | 05-123-26757 | WELLS RANCH<br>USX BB11-04  | WELLS<br>RANCH<br>BB11-682           | 110  | NOBLE | 06/30/1905 | PR | 477  | 400 |  | 6355 | 2016 |
| 67 | x | 05-123-26758 | WELLS RANCH<br>USX BB11-06  | WELLS<br>RANCH<br>BB11-667           | 180  | NOBLE | 06/30/1905 | PR | 473  | 400 |  | 6342 | 1480 |
| 68 | x | 05-123-25771 | WELLS RANCH<br>USX BB11-07  | WELLS<br>RANCH<br>BB11-667           | 317  | NOBLE | 06/30/1905 | PR | 477  | 400 |  | 6344 | 1150 |
| 69 | x | 05-123-26754 | WELLS RANCH<br>USX BB11-08  | WELLS<br>RANCH<br>BB11-667           | 337  | NOBLE | 06/30/1905 | PR | 483  | 400 |  | 6333 | 1480 |
| 70 | x | 05-123-25115 | WELLS RANCH<br>USX BB11-17  | WELLS<br>RANCH<br>BB11-674           | 214  | NOBLE | 06/29/1905 | PR | 473  | 400 |  | 6347 | 2058 |
| 71 | x | 05-123-26324 | WELLS RANCH-<br>USX BB 3-16 | WELLS<br>RANCH<br>STATE BB09<br>-683 | 1022 | NOBLE | 06/29/1905 | PR | 486  | 400 |  | 6391 | 1516 |

|                      |           |
|----------------------|-----------|
| Total Wells:         | <u>71</u> |
| Meets Standard(STD): | <u>71</u> |
| Needs Evaluation:    | <u>0</u>  |