

# OFFSET WELL EVALUATIONS

| No. | Meet<br>STD | Offset Well<br>API # | Well Name                   | Nearest<br>Proposed<br>Horizontal<br>Well Name | Shortest<br>Horizontal<br>Distance From<br>Offset Well to<br>any Proposed<br>HZ Well | Offset Well<br>Operator | Spud Date  | Offset<br>Well<br>Status | Setting<br>Depth | Base of<br>Fox Hills or<br>Depth of<br>Deepest<br>Water Well | Historical<br>Remedial<br>Work to<br>provide<br>Fox Hills<br>Coverage | Objective<br>Formation<br>Top | Productive<br>Casing<br>Cement<br>Top |
|-----|-------------|----------------------|-----------------------------|--|--|-------------------------|------------|--------------------------|------------------|--|---|-------------------------------|---------------------------------------|
| 1   |             | 05-123-21112         | BRYCE 21-28                 | HULLABALO<br>O STATE<br>Y21-756                | 710  | PDC ENERGY<br>INC       | 06/24/1905 | PR                       | 964              | 903  |   | 6837                          | 6552                                  |
| 2   |             | 05-123-23388         | GERKIN 33-21                | HULLABALO<br>O STATE<br>Y21-756                | 1147   | NOBLE                   | 06/28/1905 | PR                       | 1024             | 931  |   | 6833                          | 6246                                  |
| 3   |             | 05-123-22902         | GUTTERSEN<br>D33-15         | RUBICON<br>STATE Y16-<br>744                   | 885  | NOBLE                   | 06/28/1905 | PR                       | 800              | 860  |   | 6699                          | 2900                                  |
| 4   |             | 05-123-19150         | HSR-<br>GUTTERSEN 01<br>-04 | RUBICON<br>STATE Y16-<br>744                   | 1330   | NOBLE                   | 06/18/1905 | PA                       | 820              | 860  |   | 6748                          | 6292                                  |
| 5   |             | 05-123-19151         | HSR-<br>GUTTERSEN 02<br>-04 | RUBICON<br>STATE Y16-<br>744                   | 240  | NOBLE                   | 06/18/1905 | PA                       | 809              | 860  |   | 6745                          | 3594                                  |
| 6   |             | 05-123-19152         | HSR-<br>GUTTERSEN 03<br>-04 | RUBICON<br>STATE Y16-<br>763                   | 167  | NOBLE                   | 06/18/1905 | PR                       | 801              | 860  |   | 6766                          | 6290                                  |
| 7   |             | 05-123-19153         | HSR-<br>GUTTERSEN 05<br>-04 | RUBICON<br>STATE Y16-<br>763                   | 1042   | NOBLE                   | 06/18/1905 | PR                       | 825              | 808  |   | 6810                          | 6236                                  |
| 8   |             | 05-123-19155         | HSR-<br>GUTTERSEN 07<br>-04 | RUBICON<br>STATE Y16-<br>744                   | 73   | NOBLE                   | 06/18/1905 | PR                       | 817              | 860  |   | 6747                          | 6241                                  |
| 9   |             | 05-123-19116         | HSR-<br>GUTTERSEN 13<br>-33 | RUBICON<br>STATE Y16-<br>763                   | 1416   | NOBLE                   | 06/18/1905 | PR                       | 795              | 808  |   | 6761                          | 6350                                  |
| 10  |             | 05-123-19117         | HSR-<br>GUTTERSEN 14<br>-33 | RUBICON<br>STATE Y16-<br>757                   | 763  | NOBLE                   | 06/18/1905 | PR                       | 827              | 860  |   | 6730                          | 6310                                  |
| 11  |             | 05-123-16972         | MELVIN Y04-04               | RUBICON<br>STATE Y16-<br>763                   | 732  | NOBLE                   | 06/15/1905 | PA                       | 825              | 808  |   | 6804                          | 6257                                  |
| 12  |             | 05-123-22410         | PERKINS 34-09               | RUBICON<br>STATE Y16-<br>744                   | 185  | NOBLE                   | 06/26/1905 | PA                       | 922              | 860  |   | 6882                          | 3860                                  |
| 13  |             | 05-123-14379         | PERKINS USX<br>Y09-23       | RUBICON<br>STATE Y16-<br>744                   | 837  | NOBLE                   | 06/11/1905 | PA                       | 842              | 920  |   | 6859                          | 6098                                  |
| 14  | x           | 05-123-20830         | RIES 11-28                  | HULLABALO<br>O STATE<br>Y21-763                | 1036   | PDC ENERGY<br>INC       | 06/26/1905 | PR                       | 996              | 914  |   | 6800                          | 6290                                  |
| 15  |             | 05-123-07542         | STATE 01                    | RUBICON<br>STATE Y16-<br>744                   | 1059   | NOBLE                   | 05/25/1905 | PA                       | 746              | 920  |   | 6825                          | 6820                                  |
| 16  |             | 05-123-07659         | STATE 21                    | HULLABALO<br>O STATE<br>Y21-763                | 607  | NOBLE                   | 05/26/1905 | PA                       | 739              | 897  |   | 6806                          | 6760                                  |
| 17  |             | 05-123-21170         | STATE Y16-05D               | HULLABALO<br>O STATE<br>Y21-763                | 1094   | NOBLE                   | 06/26/1905 | PR                       | 945              | 866  |   | 6829                          | 6560                                  |
| 18  | x           | 05-123-36279         | Stonebraker<br>28U-234      | HULLABALO<br>O STATE<br>Y21-756                | 335  | PDC ENERGY<br>INC       | 07/06/1905 | PR                       |                  | 920  |   |                               |                                       |
| 19  | x           | 05-123-36281         | Stonebraker<br>28V-314      | HULLABALO<br>O STATE<br>Y21-756                | 1201   | PDC ENERGY<br>INC       | 07/06/1905 | PR                       |                  | 920  |   |                               |                                       |
| 20  | x           | 05-123-36282         | Stonebraker<br>28V-414      | HULLABALO<br>O STATE<br>Y21-756                | 853  | PDC ENERGY<br>INC       | 07/06/1905 | PR                       |                  | 860  |   |                               |                                       |

Total Wells: 20

Meets Standard(STD): 4

Needs Evaluation: 16