

# 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   |          | 05-123-34935      | STATE 8-60 16-3H              | GOLDENEY E 16-7HN                     | 907   | CHESAPEAKE OPERATING LLC |            | AL                 | 1075          |  |  |                         |                              |
| 2   | x        | 05-123-32812      | STATE 8-60 16-1H              | GOLDENEY E 16-8HN                     | 327   | NOBLE ENERGY INC         | 02/15/2011 | PR                 | 1054          | 460  |  | 6203                    | 870                          |
| 3   |          | 05-123-07357      | BUCHER-STATE 1                | GOLDENEY E 16-8HN                     | 372   | DAVIS OIL COMPANY        | 10/10/1971 | DA                 | 107           | 460  |  | 6152                    |                              |
| 4   |          | 05-123-36421      | HITZ 1-9-8-60                 | GOLDENEY E 16-8HN                     | 875   | CHARRIZO NIOBRARA LLC    |            | AL                 | 1400          |  |  |                         |                              |
| 5   |          | 05-123-36422      | HITZ 2-9-8-60                 | GOLDENEY E 16-8HN                     | 875   | CHARRIZO NIOBRARA LLC    |            | AL                 | 1400          |  |  |                         |                              |
| 6   |          | 05-123-37101      | HITZ 3-9-8-60                 | GOLDENEY E 16-8HN                     | 941   | CHARRIZO NIOBRARA LLC    |            | AL                 | 1400          |  |  |                         |                              |
| 7   |          | 05-123-34941      | STATE 8-60 16-4H              | GOLDENEY E 16-11HN                    | 359   | CHESAPEAKE OPERATING LLC |            | AL                 | 1050          |  |  |                         |                              |
| 8   |          | 05-123-14093      | STATE H                       | GOLDENEY E 16-11HN                    | 31  | PETROLEUM ENERGY CORP    | 10/16/1988 | DA                 | 440           | 453  |  | 6880                    |                              |
| 9   |          | 05-123-37163      | LEMLEY FEDERAL PC LF 22-68HNX | GOLDENEY E FED 21-16HN                | 903   | NOBLE ENERGY INC         |            | AL                 | 550           |  |  |                         |                              |
| 10  |          | 05-123-05527      | FEDERAL 1                     | GOLDENEY E FED 21-16HN                | 42  | EDMONSON* W. R.          | 10/09/1954 | DA                 | 228           | 470  |  | 6160                    |                              |
| 11  |          | 05-123-33961      | SNOW DRAW 14-21H              | GOLDENEY E FED 21-15HC                | 117   | NOBLE ENERGY INC         |            | AL                 | 800           |  |  |                         |                              |
| 12  |          | 05-123-11180      | NILSEN FEDERAL 1              | GOLDENEY E FED 21-16HN                | 264   | BERENERGY CORP           | 09/06/1983 | DA                 | 211           | 460  |  | 6154                    |                              |
| 13  |          | 05-123-07078      | DOTY-FEDERAL 1                | GOLDENEY E FED 21-16HN                | 1288  | K & M ASSOCIATES         | 05/13/1969 | DA                 | 91            | 470  |  | 6136                    |                              |
| 14  |          | 05-123-05519      | FEDERAL 1                     | GOLDENEY E FED 21-16HN                | 1286  | SUNSHINE MINING COMPANY  | 12/19/1958 | DA                 | 242           | 470  |  | 6142                    |                              |
| 15  |          | 05-123-46068      | HALE 8-60 22-23-1             | GOLDENEY E FED 21-16HN                | 632   | BISON OIL & GAS II LLC   |            | XX                 | 1850          |  |  |                         |                              |
| 16  |          | 05-123-46060      | HALE 8-60 22-23-2             | GOLDENEY E FED 21-16HN                | 638   | BISON OIL & GAS II LLC   |            | XX                 | 1850          |  |  |                         |                              |
| 17  |          | 05-123-46067      | HALE 8-60 22-23-3             | GOLDENEY E FED 21-16HN                | 640   | BISON OIL & GAS II LLC   |            | XX                 | 1850          |  |  |                         |                              |
| 18  |          | 05-123-46063      | HALE 8-60 22-23-4             | GOLDENEY E FED 21-16HN                | 647   | BISON OIL & GAS II LLC   |            | XX                 | 1850          |  |  |                         |                              |
| 19  |          | 05-123-46072      | HALE 8-60 22-23-5             | GOLDENEY E FED 21-16HN                | 656   | BISON OIL & GAS II LLC   |            | XX                 | 1850          |  |  |                         |                              |
| 20  |          | 05-123-46070      | HALE 8-60 22-23-6             | GOLDENEY E FED 21-16HN                | 622   | BISON OIL & GAS II LLC   |            | XX                 | 1850          |  |  |                         |                              |
| 21  |          | 05-123-46071      | HALE 8-60 22-23-7             | GOLDENEY E FED 21-16HN                | 629   | BISON OIL & GAS II LLC   |            | XX                 | 1850          |  |  |                         |                              |
| 22  |          | 05-123-46062      | HALE 8-60 22-23-8             | GOLDENEY E FED 21-16HN                | 621   | BISON OIL & GAS II LLC   |            | XX                 | 1850          |  |  |                         |                              |
| 23  |          | 05-123-46059      | HALE FED 8-60 22-23-9         | GOLDENEY E FED 21-16HN                | 621   | BISON OIL & GAS II LLC   |            | XX                 | 1850          |  |  |                         |                              |
| 24  |          | 05-123-46061      | HALE FED 8-60 22-23-10        | GOLDENEY E FED 21-16HN                | 629   | BISON OIL & GAS II LLC   |            | XX                 | 1850          |  |  |                         |                              |

|    |  |              |                           |                               |      |                               |  |    |      |  |  |  |  |
|----|--|--------------|---------------------------|-------------------------------|------|-------------------------------|--|----|------|--|--|--|--|
| 25 |  | 05-123-46057 | HALE FED 8-60<br>22-23-11 | GOLDENEY<br>E FED 21-<br>16HN | 637  | BISON OIL &<br>GAS II LLC     |  | XX | 1850 |  |  |  |  |
| 26 |  | 05-123-46069 | HALE FED 8-60<br>22-23-12 | GOLDENEY<br>E FED 21-<br>16HN | 637  | BISON OIL &<br>GAS II LLC     |  | XX | 1850 |  |  |  |  |
| 27 |  | 05-123-46058 | HALE FED 8-60<br>22-23-13 | GOLDENEY<br>E FED 21-<br>16HN | 645  | BISON OIL &<br>GAS II LLC     |  | XX | 1850 |  |  |  |  |
| 28 |  | 05-123-46066 | HALE FED 8-60<br>22-23-14 | GOLDENEY<br>E FED 21-<br>16HN | 652  | BISON OIL &<br>GAS II LLC     |  | XX | 1850 |  |  |  |  |
| 29 |  | 05-123-46064 | HALE FED 8-60<br>22-23-15 | GOLDENEY<br>E FED 21-<br>16HN | 654  | BISON OIL &<br>GAS II LLC     |  | XX | 1850 |  |  |  |  |
| 30 |  | 05-123-46065 | HALE FED 8-60<br>22-23-16 | GOLDENEY<br>E FED 21-<br>16HN | 627  | BISON OIL &<br>GAS II LLC     |  | XX | 1850 |  |  |  |  |
| 31 |  | 05-123-46211 | WIGEON FED<br>33-28-7HN   | GOLDENEY<br>E FED 21-<br>9HN  | 1421 | MALLARD<br>EXPLORATION<br>LLC |  | XX | 1555 |  |  |  |  |
| 32 |  | 05-123-46208 | WIGEON FED<br>33-28-8HN   | GOLDENEY<br>E FED 21-<br>9HN  | 1252 | MALLARD<br>EXPLORATION<br>LLC |  | XX | 1555 |  |  |  |  |
| 33 |  | 05-123-46200 | WIGEON FED<br>33-28-9HN   | GOLDENEY<br>E FED 21-<br>9HN  | 1192 | MALLARD<br>EXPLORATION<br>LLC |  | XX | 1555 |  |  |  |  |
| 34 |  | 05-123-46215 | WIGEON FED<br>33-28-10HN  | GOLDENEY<br>E FED 21-<br>10HN | 1193 | MALLARD<br>EXPLORATION<br>LLC |  | XX | 1555 |  |  |  |  |
| 35 |  | 05-123-46203 | WIGEON FED<br>33-28-11HC  | GOLDENEY<br>E FED 21-<br>11HC | 1193 | MALLARD<br>EXPLORATION<br>LLC |  | XX | 1555 |  |  |  |  |
| 36 |  | 05-123-46210 | WIGEON FED<br>33-28-12HN  | GOLDENEY<br>E FED 21-<br>12HN | 1193 | MALLARD<br>EXPLORATION<br>LLC |  | XX | 1555 |  |  |  |  |
| 37 |  | 05-123-46201 | WIGEON FED<br>33-28-13HN  | GOLDENEY<br>E FED 21-<br>13HN | 1194 | MALLARD<br>EXPLORATION<br>LLC |  | XX | 1555 |  |  |  |  |
| 38 |  | 05-123-46204 | WIGEON FED<br>33-28-14HN  | GOLDENEY<br>E FED 21-<br>14HN | 1195 | MALLARD<br>EXPLORATION<br>LLC |  | XX | 1555 |  |  |  |  |
| 39 |  | 05-123-46214 | WIGEON FED<br>33-28-15HC  | GOLDENEY<br>E FED 21-<br>15HC | 1196 | MALLARD<br>EXPLORATION<br>LLC |  | XX | 1555 |  |  |  |  |
| 40 |  | 05-123-46207 | WIGEON FED<br>33-28-16HN  | GOLDENEY<br>E FED 21-<br>16HN | 1196 | MALLARD<br>EXPLORATION<br>LLC |  | XX | 1555 |  |  |  |  |

Total Wells: 40

Meets Standard(STD): 1

Needs Evaluation: 39