

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 | | 05-123-37163 | Lemley Fed PC LF 22-68HNX | Hale 8-60 22- 23-1 | 125 | Noble Energy | | AL | | | | | |
| 2 | x | 05-123-36995 | Schneider 1-14-8 -60 | Hale 8-60 22- 23-1 | 1251 | Carrizo Niobrara LLC | 06/28/2013 | PR | 1180 | 505 | | 6268 | 130 |
| 3 | x | 05-123-37240 | Schneider 2-14-8 -60 | Hale 8-60 22- 23-1 | 1249 | Carrizo Niobrara LLC | 07/09/2013 | PR | 1187 | 505 | | 6205 | 1354 |
| 4 | x | 05-123-13654 | Duell 3-23 | Hale 8-60 22- 23-1 | 60 | Aexco Inc | 10/16/1987 | DA | 103 | 480 | | 6096 | |
| 5 | | 05-123-05542 | Brungard 1 | Hale 8-60 22- 23-5 | 885 | Sunray Oil Co | 03/19/1956 | DA | 140 | 475 | | 6096 | |
| 6 | | 05-123-14882 | Federal J 10-23 | Hale Fed 8- 60 22-23-8 | 935 | Noble Energy | 01/17/1991 | PA | 525 | 474 | | 6104 | 6300 |
| 7 | | 05-123-14414 | Federal J 15-23 | Hale Fed 8- 60 22-23-12 | 920 | Noble Energy | 09/26/1989 | PA | 492 | 469 | | 6110 | 6120 |
| 8 | | 05-123-10707 | Stanley 14-23 | Hale Fed 8- 60 22-23-11 | 126 | Carrizo Niobrara LLC | 07/11/1982 | DA | 176 | 460 | | 6120 | |
| 9 | | 05-123-14228 | Stanley J | Hale Fed 8- 60 22-23-8 | 83 | Petroleum Energy Corp | 02/07/1989 | DA | 444 | 438 | | 6089 | 6076 |
| 10 | | 05-123-14059 | Stanley 0 | Hale Fed 8- 60 22-23-11 | 155 | Petroleum Energy Corp | 09/04/1988 | DA | 180 | 440 | | 6092 | 6070 |
| 11 | | 05-123-08700 | Fed Doty 14-22 | Hale Fed 8- 60 22-23-12 | 7 | Exeter Exploration Company | 06/21/1976 | DA | 166 | 460 | | 6130 | |
| 12 | | 05-123-07078 | Doty Federal 1 | Hale Fed 8- 60 22-23-12 | 158 | K & M Associates | 05/13/1969 | DA | 91 | 469 | | 6136 | |
| 13 | | 05-123-05527 | Federal 1 | Hale Fed 8- 60 22-23-8 | 960 | Edmonson W R | 10/09/1954 | DA | 228 | 466 | | 6160 | |
| 14 | | 05-123-11180 | Nilsen Fed 1 | Hale Fed 8- 60 22-23-12 | 960 | Berenergy Corp | 09/06/1983 | DA | 211 | 460 | | 6154 | |
| 15 | | 05-123-33961 | Snow Draw 14- 21H | Hale Fed 8- 60 22-23-12 | 840 | Noble Energy | | AL | | | | | |
| 16 | | 05-123-05519 | Federal 1 | Hale Fed 8- 60 22-23-12 | 945 | Sunshine Mining Co | 12/19/1958 | DA | 230 | 455 | | 6142 | |
| 17 | | 05-123-05518 | Doty Fed 1 | Hale Fed 8- 60 22-23-12 | 1010 | Monahan Rex Family Trust | 10/18/1956 | PA | 210 | 473 | | 6163 | |
| 18 | | 05-123-11448 | Government Doty 1 | Hale Fed 8- 60 22-23-12 | 1010 | Barrett Resources Corp | 08/31/1983 | PA | 173 | 440 | | 6130 | 6220 |
| 19 | | 05-123-11557 | Government Doty 2 | Hale Fed 8- 60 22-23-12 | 1010 | Barrett Resources Corp | 01/21/1984 | PA | 168 | 430 | | 6104 | 6519 |
| 20 | x | 05-123-39770 | EWS 1 | Hale Fed 8- 60 22-23-12 | 700 | EWS 1 DJ Basin LLC | 08/13/2014 | IJ | 696 | 473 | | 6120 | 1580 |
| 21 | | 05-123-15471 | Taylor 1A | Hale Fed 8- 60 22-23-12 | 1216 | Carrizo Niobrara LLC | 01/05/1992 | DA | 441 | 444 | | 6130 | 5075 |
| 22 | | 05-123-09262 | Taylor 1 | Hale Fed 8- 60 22-23-12 | 1035 | Carrizo Niobrara LLC | 07/21/1977 | PA | 226 | 446 | | 6114 | 6110 |
| 23 | x | 05-123-37372 | Bailey 5-26-8-60 | Hale Fed 8- 60 22-23-12 | 1025 | Carrizo Niobrara LLC | 09/06/2013 | PR | 1414 | 445 | | 6162 | 1420 |
| 24 | x | 05-123-37812 | Bailey 6-26-8-60 | Hale Fed 8- 60 22-23-12 | 1026 | Carrizo Niobrara LLC | 08/26/2013 | PR | 1458 | 445 | | 6196 | 1770 |
| 25 | x | 05-123-37813 | Bailey 7-26-8-60 | Hale Fed 8- 60 22-23-12 | 1029 | Carrizo Niobrara LLC | 08/16/2013 | PR | 1452 | 445 | | 6156 | 1785 |
| 26 | x | 05-123-37373 | Bailey 8-26-8-60 | Hale Fed 8- 60 22-23-12 | 1070 | Carrizo Niobrara LLC | 08/06/2013 | PR | 1432 | 445 | | 6262 | 704 |
| 27 | x | 05-123-39891 | EWS 1A | Hale Fed 8- 60 22-23-12 | 700 | EWS 1 DJ Basin LLC | 11/26/2017 | IJ | 2542 | 454 | | 6378 | 5198 |
| 28 | | 05-123-39371 | Hemberger 7-26- 8-60 | Hale Fed 8- 60 22-23-12 | 975 | Carrizo Niobrara LLC | | XX | | | | | |
| 29 | | 05-123-39374 | Hemberger 8-26- 8-60 | Hale Fed 8- 60 22-23-12 | 975 | Carrizo Niobrara LLC | | XX | | | | | |
| 30 | | 05-123-39373 | Hemberger 9-26- 8-60 | Hale Fed 8- 60 22-23-12 | 1025 | Carrizo Niobrara LLC | | XX | | | | | |
| 31 | | 05-123-39369 | Hemberger 10- 26-8-60 | Hale Fed 8- 60 22-23-12 | 1210 | Carrizo Niobrara LLC | | XX | | | | | |
| 32 | | 05-123-48339 | EWS 1B | Hale Fed 8- 60 22-23-12 | 64 | EWS 1 DJ Basin LLC | | XX | | | | | |

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|----|---|--------------|------------------------------|----------------------------|------|----------------------------|------------|----|----|-----|--|------|------|--|
| 33 | | 05-123-50264 | Lo Schneider 1414 01H | Hale Fed 8- 60 22-23-1 | 651 | Verdad Resources LLC | | XX | | | | | | |
| 34 | | 05-123-46201 | Wigeon Fed 33- 28-13HN | Hale Fed 8- 60 22-23-12 | 1467 | Mallard Exploration LLC | | XX | | | | | | |
| 35 | | 05-123-46204 | Wigeon Fed 33- 28-14HN | Hale Fed 8- 60 22-23-12 | 1206 | Mallard Exploration LLC | | XX | | | | | | |
| 36 | | 05-123-46214 | Wigeon Fed 33- 28-15HC | Hale Fed 8- 60 22-23-12 | 1115 | Mallard Exploration LLC | | XX | | | | | | |
| 37 | | 05-123-46207 | Wigeon Fed 33- 28-16HN | Hale Fed 8- 60 22-23-12 | 1044 | Mallard Exploration LLC | | XX | | | | | | |
| 38 | | 05-123-46170 | Green Teal Fed 34-27-1HN | Hale Fed 8- 60 22-23-12 | 974 | Mallard Exploration LLC | | XX | | | | | | |
| 39 | | 05-123-46178 | Green Teal Fed 34-27-2HN | Hale Fed 8- 60 22-23-12 | 974 | Mallard Exploration LLC | | XX | | | | | | |
| 40 | | 05-123-46172 | Green Teal Fed 34-27-3HN | Hale Fed 8- 60 22-23-12 | 974 | Mallard Exploration LLC | | XX | | | | | | |
| 41 | | 05-123-46181 | Green Teal Fed 34-27-4HN | Hale Fed 8- 60 22-23-12 | 974 | Mallard Exploration LLC | | XX | | | | | | |
| 42 | | 05-123-46179 | Green Teal Fed 34-27-5HN | Hale Fed 8- 60 22-23-12 | 974 | Mallard Exploration LLC | | XX | | | | | | |
| 43 | | 05-123-46183 | Green Teal Fed 34-27-6HC | Hale Fed 8- 60 22-23-12 | 974 | Mallard Exploration LLC | | XX | | | | | | |
| 44 | | 05-123-46184 | Green Teal Fed 34-27-7HN | Hale Fed 8- 60 22-23-12 | 974 | Mallard Exploration LLC | | XX | | | | | | |
| 45 | | 05-123-46180 | Green Teal Fed 34-27-8HN | Hale Fed 8- 60 22-23-12 | 974 | Mallard Exploration LLC | | XX | | | | | | |
| 46 | | 05-123-46171 | Green Teal Fed 34-27-9HN | Hale Fed 8- 60 22-23-12 | 974 | Mallard Exploration LLC | | XX | | | | | | |
| 47 | | 05-123-46169 | Green Teal Fed 34-27-10HN | Hale Fed 8- 60 22-23-12 | 974 | Mallard Exploration LLC | | XX | | | | | | |
| 48 | | 05-123-46175 | Green Teal Fed 34-27-11HC | Hale Fed 8- 60 22-23-12 | 974 | Mallard Exploration LLC | | XX | | | | | | |
| 49 | | 05-123-46173 | Green Teal Fed 34-27-12HN | Hale Fed 8- 60 22-23-12 | 974 | Mallard Exploration LLC | | XX | | | | | | |
| 50 | | 05-123-46174 | Green Teal Fed 34-27-13HN | Hale Fed 8- 60 22-23-12 | 974 | Mallard Exploration LLC | | XX | | | | | | |
| 51 | x | 05-123-46177 | Green Teal Fed 34-27-15HN | Hale Fed 8- 60 22-23-12 | 680 | Mallard Exploration LLC | 02/21/2019 | PR | 80 | 473 | | 6120 | 1550 | |
| 52 | | 05-123-46176 | Green Teal Fed 34-37-14HN | Hale Fed 8- 60 22-23-12 | 680 | Mallard Exploration LLC | | XX | | | | | | |
| 53 | x | 05-123-46182 | Green Teal Fed 34-37-16HN | Hale Fed 8- 60 22-23-12 | 680 | Mallard Exploration LLC | 02/20/2019 | PR | 80 | 473 | | 6120 | | |
| 54 | | 05-123-50166 | Duclair 16-11HN | Hale Fed 8- 60 22-23-1 | 1001 | Mallard Exploration LLC | | XX | | | | | | |
| 55 | | 05-123-50160 | Duclair 16-10HC | Hale Fed 8- 60 22-23-1 | 1082 | Mallard Exploration LLC | | XX | | | | | | |
| 56 | | 05-123-50165 | Duclair 16-9HN | Hale Fed 8- 60 22-23-1 | 1182 | Mallard Exploration LLC | | XX | | | | | | |
| 57 | | 05-123-50162 | Duclair 16-8HN | Hale Fed 8- 60 22-23-1 | 1429 | Mallard Exploration LLC | | XX | | | | | | |
| 58 | | 05-123-48426 | Blue Teal 15-10- 1HN | Hale Fed 8- 60 22-23-1 | 0 | Mallard Exploration LLC | | XX | | | | | | |
| 59 | | 05-123-48413 | Blue Teal 15-10- 2HC | Hale Fed 8- 60 22-23-1 | 0 | Mallard Exploration LLC | | XX | | | | | | |
| 60 | | 05-123-48417 | Blue Teal 15-10- 3HN | Hale Fed 8- 60 22-23-1 | 0 | Mallard Exploration LLC | | XX | | | | | | |
| 61 | | 05-123-48416 | Blue Teal 15-10- 4HN | Hale Fed 8- 60 22-23-1 | 0 | Mallard Exploration LLC | | XX | | | | | | |
| 62 | | 05-123-48425 | Blue Teal 15-10- 5HN | Hale Fed 8- 60 22-23-1 | 0 | Mallard Exploration LLC | | XX | | | | | | |
| 63 | | 05-123-48428 | Blue Teal 15-10- 6HC | Hale Fed 8- 60 22-23-1 | 0 | Mallard Exploration LLC | | XX | | | | | | |
| 64 | | 05-123-48414 | Blue Teal 15-10- 7HN | Hale Fed 8- 60 22-23-1 | 0 | Mallard Exploration LLC | | XX | | | | | | |
| 65 | | 05-123-48423 | Blue Teal 15-10- 8HN | Hale Fed 8- 60 22-23-1 | 0 | Mallard Exploration LLC | | XX | | | | | | |
| 66 | | 05-123-48421 | Blue Teal 15-10- 9HN | Hale Fed 8- 60 22-23-1 | 0 | Mallard Exploration LLC | | XX | | | | | | |
| 67 | | 05-123-48419 | Blue Teal 15-10- 10HN | Hale Fed 8- 60 22-23-1 | 0 | Mallard Exploration LLC | | XX | | | | | | |
| 68 | | 05-123-48415 | Blue Teal 15-10- 11HC | Hale Fed 8- 60 22-23-1 | 0 | Mallard Exploration LLC | | XX | | | | | | |
| 69 | | 05-123-48422 | Blue Teal 15-10- 12HN | Hale Fed 8- 60 22-23-1 | 0 | Mallard Exploration LLC | | XX | | | | | | |

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|----|--|--------------|-----------------------|-----------------------|------|-------------------------|--|----|--|--|--|--|--|--|
| 70 | | 05-123-48427 | Blue Teal 15-10-13HN | Hale Fed 8-60 22-23-1 | 0 | Mallard Exploration LLC | | XX | | | | | | |
| 71 | | 05-123-48418 | Blue Teal 15-10-14HN | Hale Fed 8-60 22-23-1 | 0 | Mallard Exploration LLC | | XX | | | | | | |
| 72 | | 05-123-48420 | Blue Teal 15-10-15HC | Hale Fed 8-60 22-23-1 | 0 | Mallard Exploration LLC | | XX | | | | | | |
| 73 | | 05-123-48424 | Blue Teal 15-10-16HN | Hale Fed 8-60 22-23-1 | 0 | Mallard Exploration LLC | | XX | | | | | | |
| 74 | | 05-123-50269 | Lo Schneider 1414 02H | Hale Fed 8-60 22-23-1 | 651 | Verdad Resources LLC | | XX | | | | | | |
| 75 | | 05-123-50265 | Lo Schneider 1414 03H | Hale Fed 8-60 22-23-1 | 651 | Verdad Resources LLC | | XX | | | | | | |
| 76 | | 05-123-50270 | Lo Schneider 1414 04H | Hale Fed 8-60 22-23-1 | 651 | Verdad Resources LLC | | XX | | | | | | |
| 77 | | 05-123-50271 | Lo Schneider 1414 05H | Hale Fed 8-60 22-23-1 | 651 | Verdad Resources LLC | | XX | | | | | | |
| 78 | | 05-123-50262 | Lo Schneider 1414 06H | Hale Fed 8-60 22-23-1 | 746 | Verdad Resources LLC | | XX | | | | | | |
| 79 | | 05-123-50267 | Lo Schneider 1414 07H | Hale Fed 8-60 22-23-1 | 976 | Verdad Resources LLC | | XX | | | | | | |
| 80 | | 05-123-50268 | Lo Schneider 1414 08H | Hale Fed 8-60 22-23-1 | 1265 | Verdad Resources LLC | | XX | | | | | | |

Total Wells: 80

Meets Standard(STD): 11

Needs Evaluation: 69