

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 | | 05-123-05591 | M S WHITE - GOVERNMENT 1 | ANDERSON FED 6-5-7HN | 169 | SHELL OIL COMPANY | 06/22/1961 | DA | 346 | 450 | | 6759 | |
| 2 | | 05-123-14371 | FEDERAL G 4-8 | ANDERSON FED 6-5- 10HN | 1013 | PETRO- CANADA RESOURCES (USA) INC | 08/29/1989 | PA | 463 | 450 | | 6774 | 6158 |
| 3 | x | 05-123-33945 | PTASNIK FEDERAL PC LC33-68HN | SHULL FED 31-32-3HN | 1128 | NOBLE ENERGY INC | 05/04/2012 | PR | 629 | 450 | | 6108 | 1030 |
| 4 | | 05-123-34243 | FEDERAL PC LG04-05 | ANDERSON FED 6-5-5HN | 967 | NOBLE ENERGY INC | | AL | | | | | |
| 5 | | 05-123-34245 | FEDERAL PC LG 05-01 | ANDERSON FED 6-5-2HN | 120 | NOBLE ENERGY INC | | AL | | | | | |
| 6 | | 05-123-34248 | FEDERAL PC LG 05-08 | ANDERSON FED 6-5-5HN | 171 | NOBLE ENERGY INC | | AL | | | | | |
| 7 | | 05-123-34254 | FEDERAL PC LG04-12 | ANDERSON FED 6-5-7HN | 973 | NOBLE ENERGY INC | | AL | | | | | |
| 8 | | 05-123-34268 | FEDERAL PC LG06-07 | ANDERSON FED 6-5-5HN | 220 | NOBLE ENERGY INC | | AL | | | | | |
| 9 | | 05-123-34419 | CASTOR 9-11-8- 59 | ANDERSON FED 6-5- 10HN | 898 | CARRIZO NIOBRARA LLC | | AL | | | | | |
| 10 | x | 05-123-38758 | BULLEIT FEDERAL PC LG 04-62HN | ANDERSON FED 6-5-9HN | 990 | NOBLE ENERGY INC | 02/16/2014 | PR | 1516 | 450 | | 6029 | 150 |
| 11 | | 05-123-43613 | SHULL FED 31- 32-9HN | SHULL FED 31-32-3HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 12 | | 05-123-43614 | ANDERSON FED 8-59-6- 2124CE2 | ANDERSON FED 6-5-1HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 13 | | 05-123-43615 | SHULL FED 9- 59-31-4441BE2 | SHULL FED 31-32-3HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 14 | | 05-123-43616 | ANDERSON FED 8-59-6- 1209CE | ANDERSON FED 6-5-1HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 15 | | 05-123-43617 | ANDERSON FED 8-59-6- 1209BE | ANDERSON FED 6-5-1HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 16 | | 05-123-43618 | ANDERSON FED 8-59-6- 0508BE | ANDERSON FED 6-5-1HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 17 | | 05-123-43619 | SHULL FED 9- 59-31-5356CE | SHULL FED 31-32-3HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 18 | | 05-123-43620 | ANDERSON FED 8-59-6- 2124CE | ANDERSON FED 6-5-1HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 19 | | 05-123-43621 | SHULL FED 31- 32-10HN | SHULL FED 31-32-3HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 20 | | 05-123-43622 | SHULL FED 9- 59-31-4441AE | SHULL FED 31-32-3HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 21 | | 05-123-43623 | SHULL FED 31- 32-11HC | SHULL FED 31-32-3HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 22 | | 05-123-43624 | ANDERSON FED 8-59-6- 1209AE | ANDERSON FED 6-5-1HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 23 | | 05-123-43625 | ANDERSON FED 8-59-6- 2124BE | ANDERSON FED 6-5-1HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 24 | | 05-123-43626 | SHULL FED 9- 59-31-4441CE | SHULL FED 31-32-3HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 25 | | 05-123-43627 | ANDERSON FED 8-59-6- 0508CDE | ANDERSON FED 6-5-1HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |

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|----|---|--------------|------------------------------------|------------------------------|------|-------------------------------|------------|----|------|-----|--|--|--|
| 26 | | 05-123-43628 | ANDERSON FED 8-59-6- 2825AE | ANDERSON FED 6-5-1HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 27 | | 05-123-43629 | SHULL FED 31- 32-12HN | SHULL FED 31-32-3HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 28 | | 05-123-43630 | ANDERSON FED 8-59-6- 2124CDE | ANDERSON FED 6-5-1HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 29 | x | 05-123-43663 | SHULL FED 31- 32-2HC | SHULL FED 31-32-3HN | 887 | MALLARD EXPLORATION LLC | 02/16/2018 | PR | 1550 | 450 | | | |
| 30 | x | 05-123-43664 | SHULL FED 31- 32-1HN | SHULL FED 31-32-3HN | 1197 | MALLARD EXPLORATION LLC | 02/15/2018 | PR | 1550 | 450 | | | |
| 31 | | 05-123-43665 | SHULL FED 9- 59-31-2124CE2 | SHULL FED 31-32-3HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 32 | | 05-123-43666 | SHULL FED 9- 59-31-0508CDE | SHULL FED 31-32-3HN | 1050 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 33 | | 05-123-43667 | SHULL FED 9- 59-31-1209AE | SHULL FED 31-32-3HN | 763 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 34 | | 05-123-43668 | SHULL FED 31- 32-4HN | SHULL FED 31-32-3HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 35 | | 05-123-43669 | SHULL FED 9- 59-31-2124BE | SHULL FED 31-32-3HN | 11 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 36 | | 05-123-43670 | SHULL FED 31- 32-3HN | SHULL FED 31-32-3HN | 577 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 37 | | 05-123-43671 | SHULL FED 9- 59-31-3740CE | SHULL FED 31-32-3HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 38 | | 05-123-43672 | SHULL FED 9- 59-31-3740BE | SHULL FED 31-32-3HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 39 | | 05-123-43673 | SHULL FED 9- 59-31-3740CDE | SHULL FED 31-32-3HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 40 | | 05-123-43674 | SHULL FED 31- 32-6HN | SHULL FED 31-32-3HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 41 | | 05-123-43675 | SHULL FED 9- 59-31-4441BE | SHULL FED 31-32-3HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 42 | | 05-123-43676 | SHULL FED 31- 32-7HN | SHULL FED 31-32-3HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 43 | | 05-123-43677 | SHULL FED 31- 32-8HC | SHULL FED 31-32-3HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 44 | | 05-123-43678 | SHULL FED 31- 32-5HC | SHULL FED 31-32-3HN | 0 | MALLARD EXPLORATION LLC | | XX | | | | | |
| 45 | x | 05-123-47609 | DOROTHY STATE LG16- 776 | ANDERSON FED 6-5- 10HN | 1290 | NOBLE ENERGY INC | 10/28/2018 | PR | 1850 | 450 | | | |
| 46 | x | 05-123-47611 | DOROTHY STATE LG16- 785 | ANDERSON FED 6-5- 10HN | 691 | NOBLE ENERGY INC | 10/23/2018 | PR | 1850 | 450 | | | |
| 47 | | 05-123-49001 | SONIC STAR 1101-15H | ANDERSON FED 6-5-1HN | 1235 | VERDAD RESOURCES LLC | | XX | | | | | |
| 48 | | 05-123-49003 | SONIC STAR 1101-16H | AF1 | 927 | VERDAD RESOURCES LLC | | XX | | | | | |
| 49 | | 05-123-49829 | PEGGY 2501- 16H | ANDERSON FED 6-5-1HN | 1451 | VERDAD RESOURCES LLC | | XX | | | | | |

Total Wells: 49

Meets Standard(STD): 6

Needs Evaluation: 43