

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					

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