

# 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		05-123-20370	LU 1	SHOVERLER FED 29-32- 1HN	467	SMITH OIL PROPERTIES INC	09/09/2001	DA	526	500		7014	
2		05-123-19448	FEDERAL DOD 30-9-14	SHOVERLER FED 29-32- 1HN	1297	DIVERSIFIED OPERATING CO	09/29/1997	PA	526	500		6951	
3		05-123-19441	SHOWERS 32-5 -7	SHOVERLER FED 29-32- 2HC	64	FOUNDATION ENERGY MANAGEMENT	09/09/1997	PR	511	500		6977	
4		05-123-19627	HILL 31-9-11	SHOVERLER FED 29-32- 1HN	1244	FOUNDATION ENERGY MANAGEMENT LLC	06/16/1998	PR	527	500		6984	5920
5		05-123-19437	D.O.C. SHOWERS 32- 12-10	SHOVERLER FED 29-32- 2HN	90	FOUNDATION ENERGY MANAGEMENT LLC	08/25/1997	SI	500	500		6986	5900
6		05-123-19693	SHOWERS 32- 14-H	SHOVERLER FED 29-32- 5HN	33	DIVERSIFIED OPERATING CO	11/19/1999	DA	515	500		6900	6280
7		05-123-20472	SHOWERS 32- 11	SHOVERLER FED 29-32- 7HN	56	DIVERSIFIED OPERATING CO	08/01/2001	DA	546	500		6980	
8		05-123-19440	SHOWERS 32-6 -10	SHOVERLER FED 29-32- 7HN	14	DIVERSIFIED OPERATING CO	09/02/1997	DA	500	500		7005	
9		05-123-19667	FEDERAL ROANRUNNER 29-10-1	SHOVERLER FED 29-32- 13HN	158	DIVERSIFIED OPERATING CO	07/15/1998	DA	525	500		6952	
10		05-123-19666	FEDERAL OSTRICH 29-8-6	SHOVERLER FED 29-32- 13HN	597	FOUNDATION ENERGY MANAGEMENT	07/22/1998	TA	521	500		7022	5750
11	x	05-123-09375	BUTLER- FEDERAL 1-20	SHOVERLER HUNT FED 19-24-16HN	609	INDUSTRIAL GAS SERVICES INC.	03/15/1978	DA	311	500		7026	
12		05-123-33248	GRAVEL DRAW 20-24H	SHOVERLER HUNT FED 19-24-16HN	136	NOBLE ENERGY INC		AL					
13		05-123-33664	GRAVEL DRAW 21-25H	SHOVERLER HUNT FED 19-24-16HN	1136	NOBLE ENERGY INC		AL					
14		05-123-36708	KUMMER LE24- 78HN	SHOVERLER HUNT FED 19-24-16HN	378	NOBLE ENERGY INC		AL					
15		05-123-47030	GADWALL 30- 31-6HC	SHOVERLER FED 29-30- 1HN	0	MALLARD EXPLORATION LLC		XX					
16		05-123-47031	GADWALL 30- 31-4HN	SHOVERLER FED 29-30- 1HN	0	MALLARD EXPLORATION LLC		XX					
17		05-123-47032	GADWALL 30- 31-3HN	SHOVERLER FED 29-30- 1HN	0	MALLARD EXPLORATION LLC		XX					
18		05-123-47033	GADWALL 30- 31-2HC	SHOVERLER FED 29-30- 1HN	0	MALLARD EXPLORATION LLC		XX					
19		05-123-47034	GADWALL 30- 31-1HN	SHOVERLER FED 29-30- 1HN	0	MALLARD EXPLORATION LLC		XX					
20		05-123-47035	GADWALL 30- 31-5HN	SHOVERLER FED 29-30- 1HN	0	MALLARD EXPLORATION LLC		XX					
21		05-123-47036	GADWALL FED 30-31-9HN	SHOVERLER FED 29-30- 1HN	0	MALLARD EXPLORATION LLC		XX					
22		05-123-47037	GADWALL FED 30-31-16HN	SHOVERLER FED 29-30- 1HN	0	MALLARD EXPLORATION LLC		XX					
23		05-123-47038	GADWALL 30- 31-8HN	SHOVERLER FED 29-30- 1HN	0	MALLARD EXPLORATION LLC		XX					

24		05-123-47039	GADWALL FED 30-31-15HC	SHOVERLER FED 29-30-1HN	0	MALLARD EXPLORATION LLC		XX					
25		05-123-47040	GADWALL FED 30-31-10HN	SHOVERLER FED 29-30-1HN	0	MALLARD EXPLORATION LLC		XX					
26		05-123-47041	GADWALL FED 30-31-11HC	SHOVERLER FED 29-30-1HN	0	MALLARD EXPLORATION LLC		XX					
27		05-123-47042	GADWALL FED 30-31-12HN	SHOVERLER FED 29-30-1HN	0	MALLARD EXPLORATION LLC		XX					
28		05-123-47043	GADWALL FED 30-31-14HN	SHOVERLER FED 29-30-1HN	0	MALLARD EXPLORATION LLC		XX					
29		05-123-47044	GADWALL 30-31-7HN	SHOVERLER FED 29-30-1HN	0	MALLARD EXPLORATION LLC		XX					
30		05-123-47045	GADWALL FED 30-31-13HN	SHOVERLER FED 29-30-1HN	0	MALLARD EXPLORATION LLC		XX					
31	x	05-123-48030	HUNT 8-60 17A-20-2	SHOVERLER FED 29-30-1HN	505	BISON OIL & GAS II LLC		DG					
32		05-123-48031	HUNT 8-60 17A-20-3	SHOVERLER HUNT FED 19-24-16HN	311	BISON OIL & GAS II LLC		XX					
33		05-123-48032	HUNT 8-60 17A-20-4	SHOVERLER FED 29-30-1HN	508	BISON OIL & GAS II LLC		XX					
34		05-123-48033	HUNT 8-60 17A-20-C2	SHOVERLER FED 29-30-1HN	504	BISON OIL & GAS II LLC		XX					
35	x	05-123-48034	HUNT 8-60 17A-20-C1	SHOVERLER HUNT FED 19-24-16HN	164	BISON OIL & GAS II LLC	10/10/2018	PR	1850				4000
36	x	05-123-48035	HUNT 8-60 17A-20-1	SHOVERLER HUNT FED 19-24-16HN	381	BISON OIL & GAS II LLC	10/09/2018	PR	1850				4000
37		05-123-48036	HUNT 8-60 17A-20-5	SHOVERLER FED 29-30-1HN	506	BISON OIL & GAS II LLC		XX					
38		05-123-48126	HUNT 8-60 17B-20-3	SHOVERLER FED 29-30-1HN	506	BISON OIL & GAS II LLC		XX					
39		05-123-48127	HUNT FED 8-60 17B-20-4	SHOVERLER FED 29-30-1HN	509	BISON OIL & GAS II LLC		XX					
40		05-123-48128	HUNT 8-60 17B-20-1	SHOVERLER FED 29-30-1HN	506	BISON OIL & GAS II LLC		XX					
41		05-123-48129	HUNT FED 8-60 17B-20-5	SHOVERLER FED 29-30-1HN	507	BISON OIL & GAS II LLC		XX					
42		05-123-48130	HUNT FED 8-60 17B-20-6	SHOVERLER FED 29-30-1HN	506	BISON OIL & GAS II LLC		XX					
43		05-123-48131	HUNT 8-60 17B-20-2	SHOVERLER FED 29-30-1HN	504	BISON OIL & GAS II LLC		XX					
44		05-123-48306	HUNT FED 8-60 17C-20-2	SHOVERLER GOLDENEY E FED 21-16-1HN	416	BISON OIL & GAS II LLC		XX					
45		05-123-48307	HUNT FED 8-60 17C-20-5	SHOVERLER GOLDENEY E FED 21-16-1HN	178	BISON OIL & GAS II LLC		XX					
46		05-123-48308	HUNT FED 8-60 17B-20-C1	SHOVERLER FED 29-30-1HN	507	BISON OIL & GAS II LLC		XX					
47		05-123-48309	HUNT FED 8-60 17C-20-1	SHOVERLER FED 29-30-1HN	505	BISON OIL & GAS II LLC		XX					
48		05-123-48310	HUNT FED 8-60 17C-20-3	SHOVERLER GOLDENEY E FED 21-16-1HN	303	BISON OIL & GAS II LLC		XX					
49		05-123-48311	HUNT FED 8-60 17C-20-C1	SHOVERLER GOLDENEY E FED 21-16-1HN	178	BISON OIL & GAS II LLC		XX					

50		05-123-48312	HUNT FED 8-60 17C-20-4	SHOVERLER GOLDENEY E FED 21-16 -1HN	291	BISON OIL & GAS II LLC		XX					
51		05-123-46202	WIGEON FED 33-28-2HC	SHOVERLER GOLDENEY E FED 21-16 -1HN	1015	MALLARD EXPLORATION LLC		XX					
52		05-123-46205	WIGEON FED 33-28-1HN	SHOVERLER GOLDENEY E FED 21-16 -1HN	944	MALLARD EXPLORATION LLC		XX					
53		05-123-46212	WIGEON FED 33-28-3HN	SHOVERLER GOLDENEY E FED 21-16 -1HN	1110	MALLARD EXPLORATION LLC		XX					
54		05-123-46213	WIGEON FED 33-28-4HN	SHOVERLER GOLDENEY E FED 21-16 -1HN	1364	MALLARD EXPLORATION LLC		XX					
55		05-123-50159	DUCLAIR 16- 2HN	SHOVERLER GOLDENEY E FED 21-16 -1HN	1039	MALLARD EXPLORATION LLC		SU					
56		05-123-50163	DUCLAIR 16- 1HC	SHOVERLER GOLDENEY E FED 21-16 -1HN	694	MALLARD EXPLORATION LLC		SU					
57		05-123-50169	DUCLAIR 16- 3HN	SHOVERLER GOLDENEY E FED 21-16 -1HN	1410	MALLARD EXPLORATION LLC		SU					
58	x	05-123-34824	STATE 8-60 16- 2H	SHOVERLER GOLDENEY E FED 21-16 -1HN	453	NOBLE ENERGY INC	01/03/2012	PR	1111	470		6305	1500
59		05-123-47244	SHELDUCK 6-5- 1HN	SHOVERLER FED 29-32- 1HN	1203	MALLARD EXPLORATION LLC		XX					
60		05-123-47245	SHELDUCK 6-5- 2HC	SHOVERLER FED 29-32- 2HC	1391	MALLARD EXPLORATION LLC		XX					
61		05-123-46716	HUNT FED 8-60 19-24-12	SHOVERLER HUNT FED 19-24-16HN	1156	NOBLE ENERGY INC		XX					
62	x	05-123-36943	KUMMER LE23- 615	SHOVERLER HUNT FED 19-24-16HN	1139	NOBLE ENERGY INC	08/10/2017	PR	1926			6524	1928
63		05-123-46709	Hunt Fed 8-60 19-24-11	SHOVERLER HUNT FED 19-24-16HN	1208	NOBLE ENERGY INC		XX					

Total Wells: 63

Meets Standard(STD): 6

Needs Evaluation: 57