

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		05-123-07358	1 RADER-FEDERAL	HUNT FED 8 -60 19-24-2	143	DAVIS OIL COMPANY	09/17/1971	DA	143			7060	
2	x	05-123-09375	BUTLER-FEDERAL 1-20	HUNT FED 8 -60 19-24-8	874	INDUSTRIAL GAS SERVICES INC	03/15/1978	DA	311	500		7026	
3	x	05-123-19211	D THOMAS	HUNT FED 8 -60 19-24-2	616	PETROLEUM ENERGY CORP	09/23/1996	DA	491			7013	
4		05-123-33248	20-24H Gravel Draw	HUNT FED 8 -60 19-24-8	705	NOBLE ENERGY INC		AL					
5		05-123-33272	13-62HN WOODFORD LE	HUNT FED 8 -60 19-24-1	966	NOBLE ENERGY INC		AL					
6	x	05-123-33566	13-20H Snow Draw	HUNT FED 8 -60 19-24-1	536	NOBLE ENERGY INC		AL					
7		05-123-33656	11-18H Snow Draw	HUNT FED 8 -60 19-24-1	805	NOBLE ENERGY INC		AL					
8		05-123-36662	LF20-78HN Hunt Federal PC	HUNT FED 8 -60 19-24-1	183	NOBLE ENERGY INC		AL					
9	x	05-123-36663	LF18-62HN Hunt	HUNT FED 8 -60 19-24-1	0	NOBLE ENERGY INC	04/07/2013	PR	623			6234	850
10		05-123-36708	LE24-78HN KUMMER	HUNT FED 8 -60 19-24-8	937	NOBLE ENERGY INC		AL					
11	x	05-123-32789	KUMMER PC LE 23-99HZ	HUNT FED 8 -60 19-24-2	1003	NOBLE ENERGY INC	06/13/2011	PR	702			6585	740
12	x	05-123-36679	KUMMER PC LE23-64HN	HUNT FED 8 -60 19-24-7	987	NOBLE ENERGY INC	04/21/2013	PR	756			6375	800
13	x	05-123-36682	KUMMER PC LE23-65HN	HUNT FED 8 -60 19-24-5	987	NOBLE ENERGY INC	03/28/2013	PR	758			6489	457
14	x	05-123-36684	Kummer PC LE23-65-1HN	HUNT FED 8 -60 19-24-6	984	NOBLE ENERGY INC	04/06/2013	PR	752			6560	1090
15	x	05-123-36685	KUMMER PC LE23-66-1HN	HUNT FED 8 -60 19-24-5	1008	NOBLE ENERGY INC	03/17/2013	PR	751			6377	760
16	x	05-123-36943	Kummer LE23- 615	HUNT FED 8 -60 19-24-8	991	NOBLE ENERGY INC	08/10/2017	PR	1926			6524	1928
17		05-123-47014	Shoveler Fed 29- 32-1HN	HUNT FED 8 -60 19-24-8	1372	MALLARD EXPLORATION LLC		XX					
18		05-123-47017	Shoveler Fed 29- 32-2HC	HUNT FED 8 -60 19-24-8	1460	MALLARD EXPLORATION LLC		XX					
19		05-123-47030	Gadwall 30-31- 6HC	HUNT FED 8 -60 19-24-8	1229	MALLARD EXPLORATION LLC		XX					
20		05-123-47031	Gadwall 30-31- 4HN	HUNT FED 8 -60 19-24-8	1226	MALLARD EXPLORATION LLC		XX					
21		05-123-47032	Gadwall 30-31- 3HN	HUNT FED 8 -60 19-24-8	1223	MALLARD EXPLORATION LLC		AL					
22		05-123-47033	Gadwall 30-31- 2HC	HUNT FED 8 -60 19-24-8	1227	MALLARD EXPLORATION LLC		XX					
23		05-123-47034	Gadwall 30-31- 1HN	HUNT FED 8 -60 19-24-8	1223	MALLARD EXPLORATION LLC		XX					
24		05-123-47035	Gadwall 30-31- 5HN	HUNT FED 8 -60 19-24-8	1229	MALLARD EXPLORATION LLC		AL					
25		05-123-47036	Gadwall Fed 30- 31-9HN	HUNT FED 8 -60 19-24-8	1231	MALLARD EXPLORATION LLC		AL					

26		05-123-47037	Gadwall Fed 30-31-16HN	HUNT FED 8 -60 19-24-8	1243	MALLARD EXPLORATION LLC		AL						
27		05-123-47038	Gadwall 30-31-8HN	HUNT FED 8 -60 19-24-8	1228	MALLARD EXPLORATION LLC		XX						
28		05-123-47039	Gadwall Fed 30-31-15HC	HUNT FED 8 -60 19-24-8	1240	MALLARD EXPLORATION LLC		AL						
29		05-123-47040	Gadwall Fed 30-31-10HN	HUNT FED 8 -60 19-24-8	1234	MALLARD EXPLORATION LLC		AL						
30		05-123-47041	Gadwall Fed 30-31-11HC	HUNT FED 8 -60 19-24-8	1237	MALLARD EXPLORATION LLC		AL						
31		05-123-47042	Gadwall Fed 30-31-12HN	HUNT FED 8 -60 19-24-8	1234	MALLARD EXPLORATION LLC		AL						
32		05-123-47043	Gadwall Fed 30-31-14HN	HUNT FED 8 -60 19-24-8	1240	MALLARD EXPLORATION LLC		AL						
33		05-123-47044	Gadwall 30-31-7HN	HUNT FED 8 -60 19-24-8	1232	MALLARD EXPLORATION LLC		XX						
34		05-123-47045	Gadwall Fed 30-31-13HN	HUNT FED 8 -60 19-24-8	1237	MALLARD EXPLORATION LLC		AL						
35		05-123-48031	Hunt 8-60 17A-20-3	HUNT FED 8 -60 19-24-1	934	BISON OIL & GAS II LLC		XX						
36		05-123-48032	Hunt 8-60 17A-20-4	HUNT FED 8 -60 19-24-8	1415	BISON OIL & GAS II LLC		XX						
37	x	05-123-48034	Hunt 8-60 17A-20-C1	HUNT FED 8 -60 19-24-1	600	BISON OIL & GAS II LLC	10/10/2018	PR	1850			6833	4000	
38	x	05-123-48035	Hunt 8-60 17A-20-1	HUNT FED 8 -60 19-24-8	1091	BISON OIL & GAS II LLC	10/09/2018	PR	1850			6427	400	
39		05-123-50352	Ruddy 13-8HN	HUNT FED 8 -60 19-24-1	899	MALLARD EXPLORATION LLC		XX						
40		05-123-50353	Ruddy 13-5HN	HUNT FED 8 -60 19-24-1	902	MALLARD EXPLORATION LLC		XX						
41		05-123-50354	Ruddy 13-3HN	HUNT FED 8 -60 19-24-1	901	MALLARD EXPLORATION LLC		XX						
42		05-123-50355	Ruddy 13-10HN	HUNT FED 8 -60 19-24-1	896	MALLARD EXPLORATION LLC		XX						
43		05-123-50356	Ruddy 13-11HC	HUNT FED 8 -60 19-24-1	896	MALLARD EXPLORATION LLC		XX						
44		05-123-50357	Ruddy 13-4HN	HUNT FED 8 -60 19-24-1	901	MALLARD EXPLORATION LLC		XX						
45		05-123-50358	Ruddy 13-6HC	HUNT FED 8 -60 19-24-1	899	MALLARD EXPLORATION LLC		XX						
46		05-123-50359	Ruddy 13-13HN	HUNT FED 8 -60 19-24-1	893	MALLARD EXPLORATION LLC		XX						
47		05-123-50360	Ruddy 13-1HN	HUNT FED 8 -60 19-24-1	904	MALLARD EXPLORATION LLC		XX						
48		05-123-50361	Ruddy 13-14HN	HUNT FED 8 -60 19-24-1	893	MALLARD EXPLORATION LLC		XX						
49		05-123-50362	Ruddy 13-7HN	HUNT FED 8 -60 19-24-1	899	MALLARD EXPLORATION LLC		XX						
50		05-123-50363	Ruddy 13-9HN	HUNT FED 8 -60 19-24-1	895	MALLARD EXPLORATION LLC		XX						
51		05-123-50364	Ruddy 13-16HN	HUNT FED 8 -60 19-24-1	890	MALLARD EXPLORATION LLC		XX						

52		05-123-50365	Ruddy 13-12HN	HUNT FED 8 -60 19-24-1	896	MALLARD EXPLORATION LLC		XX						
53		05-123-50366	Ruddy 13-2HC	HUNT FED 8 -60 19-24-1	904	MALLARD EXPLORATION LLC		XX						
54		05-123-50367	Ruddy 13-15HC	HUNT FED 8 -60 19-24-1	890	MALLARD EXPLORATION LLC		XX						

Total Wells: 54

Meets Standard(STD): 12

Needs Evaluation: 42