

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		05-123-09534	CHAMPLIN 366 AMOCO D 1	Guttersen DD30-766		HS RESOURCES INC	07/02/1978	PA	260	620		6535	6317
2		05-123-16176	KARCH BLUE DD 30-3J	Guttersen DD30-766		NOBLE ENERGY INC	09/21/1992	PA	634	629		6564	5600
3		05-123-16206	KARCH BLUE DD 30-12	Guttersen State DD30- 785		NOBLE ENERGY PRODUCTION INC	10/08/1992	PA	652	620		6554	5436
4		05-123-26455	GUTTERSEN 12 -30	Guttersen State DD30- 785		PDC ENERGY INC	12/14/2007	SI	675	620		6626	268
5		05-123-26454	GUTTERSEN 30A	Guttersen DD30-766		PDC ENERGY INC	12/08/2007	PR	680	620		6508	0
6		05-123-16319	KARCH BLUE DD 30-14	Guttersen DD30-755		NOBLE ENERGY INC	10/17/1992	PA	657	636		6535	5952
7		05-123-26456	GUTTERSEN 11 -30	Guttersen State DD30- 785		PDC ENERGY INC	12/26/2007	PR	677	620		6513	0
8		05-123-42376	Guttersen State DD18-785	Guttersen State DD30- 785		NOBLE ENERGY INC		XX		620			
9		05-123-42373	Guttersen State DD18-775	Guttersen DD30-775		NOBLE ENERGY INC		XX		620			
10		05-123-42384	Guttersen State DD18-755	Guttersen DD30-755		NOBLE ENERGY INC		XX		620			
11		05-123-42374	Guttersen State DD18-790	Guttersen State DD30- 785		NOBLE ENERGY INC		XX		620			
12		05-123-26453	GUTTERSEN 22 -30	Guttersen DD30-755		PDC ENERGY INC	12/20/2007	PR	713	620		6571	0
13		05-123-42387	Guttersen State DD18-770	Guttersen DD30-766		NOBLE ENERGY INC		XX		620			
14		05-123-42386	Guttersen State DD18-765	Guttersen DD30-766		NOBLE ENERGY INC		XX		620			
15		05-123-11201	L F RANCH 2-30	Guttersen DD30-755		PDC ENERGY INC	08/15/1983	PR	420			6534	6186
16		05-123-42375	Guttersen State DD18-780	Guttersen DD30-775		NOBLE ENERGY INC		XX		620			
17	x	05-123-32195	Coors Energy 25YD	Guttersen State DD30- 785		PDC ENERGY INC	08/17/2011	PR	736	620		6737	0
18	x	05-123-32200	COORS ENERGY 25XD	Guttersen State DD30- 785		PDC ENERGY INC	08/07/2011	PR	730	620		6801	0
19		05-123-42379	Guttersen State DD18-750	Guttersen DD30-755		NOBLE ENERGY INC		XX		620			
20	x	05-123-16229	KARCH BLUE DD 18-13	Guttersen State DD30- 785		NOBLE ENERGY INC	11/03/1992	PA	608	620		6559	5954
21		05-123-42378	Guttersen State DD18-745	Guttersen DD30-755		NOBLE ENERGY INC		XX		620			
22	x	05-123-33038	Coors Energy 14 -25H	Guttersen State DD30- 785		PDC ENERGY INC	08/03/2011	PR	945	74		6783	438
23	x	05-123-38304	Guttersen 31Q- 401	Guttersen DD30-755		PDC ENERGY INC	05/14/2014	PR		576			
24	x	05-123-25316	Guttersen 24-18	Guttersen DD30-755		PDC ENERGY INC	08/24/2010	SI	731	620		6538	0
25	x	05-123-27030	KOERNER 42- 24	Guttersen State DD30- 785		PDC ENERGY INC	08/13/2008	PR	678	620		6534	500
26	x	05-123-26514	GUTTERSEN 43 -24	Guttersen State DD30- 785		PDC ENERGY INC	04/22/2008	PR	689	620		6532	930
27	x	05-123-26515	GUTTERSEN 44 -24	Guttersen State DD30- 785		PDC ENERGY INC	04/27/2008	PR	689	620		6532	1000

28		05-123-16191	KARCH BLUE D 25-08	Guttersen State DD30-785		NOBLE ENERGY INC	10/01/1992	SI	569	620		6631	5754
29	x	05-123-32167	Coors Energy 44-25D	Guttersen State DD30-785		PDC ENERGY INC	08/12/2011	PR	726	620		6639	0
30	x	05-123-22209	GUTTERSEN 31-19	Guttersen DD30-755		NOBLE ENERGY INC	07/01/2004	PR	684	620		6535	6184
31	x	05-123-32199	Coors Energy 43-25D	Guttersen State DD30-785		PDC ENERGY INC	08/01/2011	PR	746	620		6785	0
32		05-123-10957	L.F. RANCH 2-25	Guttersen State DD30-785		PDC ENERGY INC	01/07/1983	SI	260	620		6527	0
33	x	05-123-38270	Guttersen 31Q-221	Guttersen DD30-755		PDC ENERGY INC	05/25/2014	PR		576			
34		05-123-42385	Guttersen State DD18-760	Guttersen DD30-755		NOBLE ENERGY INC		XX		620			
35		05-123-42377	Guttersen State DD18-740	Guttersen DD30-755		NOBLE ENERGY INC		XX		620			
36	x	05-123-29321	Guttersen 34-18	Guttersen DD30-755		PDC ENERGY INC	08/16/2010	PA	718	620		7489	7045
37	x	05-123-26354	GUTTERSEN 44-13	Guttersen State DD30-785		PDC ENERGY INC	04/30/2008	SI	679	620		6595	5710
38		05-123-11199	Glazier 2-24	Guttersen State DD30-785		PDC ENERGY INC	07/15/1983	PR	421	620		6541	0
39		05-123-09692	L F RANCHES 1	Guttersen State DD30-785		VESSELS OIL & GAS COMPANY	03/02/1979	PA	223	620		6588	6000
40		05-123-23692	KANGA STATE D 36-1JI	Guttersen State DD30-785		NOBLE ENERGY INC	06/19/2006	SI	718	620		6593	5310
41	x	05-123-38303	Guttersen 31T-441	Guttersen DD30-755		PDC ENERGY INC	06/04/2014	PR		576			

Total Wells: 41

Meets Standard(STD): 16

Needs Evaluation: 25