

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		05-123-10762	WONENBERG 1	OTTENHOF F 29U-343		PDC ENERGY INC	07/16/1982	PR	336	330		6608	6162
2	x	05-123-10837	MEISINGER 1	OTTENHOF F 29U-343		NOBLE ENERGY INC	11/04/1992	PA	341	330		6584	6070
3		05-123-11960	DIC AMATO 42- 32	OTTENHOF F 29U-243		PDC ENERGY INC	08/28/1984	PR	305	330		6605	6044
4	x	05-123-11998	ADAMSON 28-1	OTTENHOF F 29U-343		PDC ENERGY INC	11/26/1984	PR	346	100		6620	5848
5	x	05-123-12237	DIC CROSS 31- 32	OTTENHOF F 29R-243		PDC ENERGY INC	10/15/1987	PA	306	330		6613	5696
6	x	05-123-12482	ROSKOP 29-1	OTTENHOF F 29R-323		PDC ENERGY INC	06/21/1985	PR	347	100		6576	5998
7	x	05-123-13087	GILBERT DANLEY 20-1	OTTENHOF F 29R-323		PDC ENERGY INC	07/18/1986	PR	330	100		6642	5870
8	x	05-123-13201	CHITTENDEN 1- 32	OTTENHOF F 29R-243		NOBLE ENERGY INC	10/10/1986	PR	415	330		6646	6080
9		05-123-13348	OTTENHOFF 29 -1	OTTENHOF F 29M-323		PDC ENERGY INC	02/02/1987	PR	305	100		6579	6042
10	x	05-123-13349	HOFF 20-1	OTTENHOF F 29M-323		PDC ENERGY INC	01/27/1987	PR	292	100		6585	6102
11		05-123-13351	OCOMA B 29-11	OTTENHOF F 29M-203		NOBLE ENERGY INC	02/16/1987	PR	319	330		6641	5828
12		05-123-13393	OCOMA UPRR LEASE B29-14	OTTENHOF F 29M-203		NOBLE ENERGY INC	03/11/1987	PR	320	330		6685	6048
13		05-123-13698	GEMINI B29-6	OTTENHOF F 29M-203		NOBLE ENERGY INC	11/23/1987	PR	307	100		6618	6028
14		05-123-13853	GEMINI B29-3	OTTENHOF F 29M-203		NOBLE ENERGY INC	02/26/1988	PR	311	100		6717	6080
15	x	05-123-14124	CARLSON 29-1	OTTENHOF F 29R-243		PDC ENERGY INC	11/12/1988	PR	313	100		6680	0
16	x	05-123-14412	BOREN 2-32	OTTENHOF F 29M-203		NOBLE ENERGY INC	10/31/1989	PR	309	330		6554	6240
17	x	05-123-14456	CHURCHILL 28A 1	OTTENHOF F 29U-343		PDC ENERGY INC	10/31/1989	PR	309	100		6554	6240
18	x	05-123-14471	CHURCHILL 2 28A	OTTENHOF F 29U-343		PDC ENERGY INC	11/05/1989	PR	323	100		6554	6154
19	x	05-123-15412	BLAKE B 29-9	OTTENHOF F 29R-323		NOBLE ENERGY INC	12/18/1991	PA	308	330		6594	6074
20	x	05-123-15413	BLAKE B29-10	OTTENHOF F 29M-323		GERRITY OIL & GAS CORP	12/13/1991	DA	308	330		6662	
21		05-123-15414	BLAKE B29-15	OTTENHOF F 29M-203		NOBLE ENERGY INC	12/01/1991	PR	315	330		6645	6070
22		05-123-15415	BLAKE B29-16	OTTENHOF F 29R-323		NOBLE ENERGY INC	12/07/1991	PR	315	330		6593	6110
23	x	05-123-15895	ELDER 13-21	OTTENHOF F 29U-343		PDC ENERGY INC	12/19/1992	PR	226	100		6562	5862
24	x	05-123-15979	EVERT 20-2	OTTENHOF F 29M-203		PDC ENERGY INC	08/12/1992	PR	314	100		6620	
25		05-123-15980	BAILEY 33-2	OTTENHOF F 29U-343		PDC ENERGY INC	08/17/1992	PR	303	330		6603	
26		05-123-16858	MILLER B 32-6	OTTENHOF F 29M-203		NOBLE ENERGY INC	01/03/1994	PR	336	330		6654	6050
27	x	05-123-16859	CROSS B 32-3	OTTENHOF F 29M-203		NOBLE ENERGY INC	03/17/1993	PA	322	330		6650	6110
28		05-123-18221	BLAKE B 29-10X	OTTENHOF F 29M-323		NOBLE ENERGY INC	04/21/1994	PR	311	330		6657	6082
29	x	05-123-19417	ADAMSON 28-2	OTTENHOF F 29U-343		PDC ENERGY INC	07/09/1997	PR	367	330		6572	6040
30	x	05-123-20028	CROSS 32-11	OTTENHOF F 29R-323		PETRO- CANADA RESOURCES (USA) INC	09/07/2000	DA	505	330		6687	
31	x	05-123-20038	PERLMAN 32-13	OTTENHOF F 29R-143		NOBLE ENERGY INC	03/15/2003	PR	544	330		6643	6280
32	x	05-123-21153	CROSS 32-11A	OTTENHOF F 29U-243		NOBLE ENERGY INC	03/21/2003	PR	502	330		6642	6084

33	x	05-123-21759	OTTENHOFF 41-29	OTTENHOF F 29R-323		PDC ENERGY INC	01/01/2004	PR	387	100		6548	0
34	x	05-123-22190	BLAKE B 29-23	OTTENHOF F 29R-243		NOBLE ENERGY INC	05/21/2004	PR	418	330		6690	6484
35	x	05-123-22200	DANLEY 33-20	OTTENHOF F 29R-143		PDC ENERGY INC	05/19/2004	PR	387	330		6700	0
36	x	05-123-22201	DANLEY 43-20	OTTENHOF F 29R-203		PDC ENERGY INC	05/27/2004	PR	409	100		6748	1264
37	x	05-123-22215	OCOMA B 29-25	OTTENHOF F 29M-203		NOBLE ENERGY INC	07/04/2004	PR	417	330		6642	6282
38	x	05-123-23064	GEMINI B 29-19	OTTENHOF F 29M-203		NOBLE ENERGY INC	07/18/2005	PR	403	100		6612	6126
39	x	05-123-23405	THOR B 32-19	OTTENHOF F 29M-203		NOBLE ENERGY INC	12/05/2005	PR	452	330		6652	6112
40	x	05-123-25089	OTTENHOFF 41-7B	OTTENHOF F 29R-323		PDC ENERGY INC	06/12/2007	PR	404	100		6651	0
41	x	05-123-25090	OTTENHOFF 41-6B	OTTENHOF F 29R-323		PDC ENERGY INC	06/24/2007	PR	404	100		6714	0
42	x	05-123-25232	CARLSON 5	OTTENHOF F 29R-203		PDC ENERGY INC	07/01/2007	PR	423	100		6586	0
43	x	05-123-25714	YBARRA B 29-29	OTTENHOF F 29M-203		NOBLE ENERGY INC	04/12/2008	PR	466	100		6589	1415
44	x	05-123-25719	YBARRA B 29-18	OTTENHOF F 29M-203		NOBLE ENERGY INC	04/15/2008	PR	479	100		6699	1590
45	x	05-123-25759	HELDT B 29-21	OTTENHOF F 29M-203		NOBLE ENERGY INC	08/04/2008	PR	490	100		6579	1890
46	x	05-123-28124	BELL B 29-24 D	OTTENHOF F 29R-243		NOBLE ENERGY INC	12/05/2008	PR	533	100		6912	2336
47	x	05-123-28192	ADAMSON 1-6I	OTTENHOF F 29U-343		PDC ENERGY INC	10/21/2008	PR	543	100		6734	30
48	x	05-123-29053	ADAMSON 5	OTTENHOF F 29U-343		PDC ENERGY INC	10/27/2008	PR	558	100		6642	122
49	x	05-123-29200	BELL B 29-22D	OTTENHOF F 29R-243		NOBLE ENERGY INC	12/10/2008	PR	523	100		6701	238
50	x	05-123-39748	CHURCHILL 28J-343	OTTENHOF F 29U-343		PDC ENERGY INC	02/20/2015	PR	915	100		6591	0
51	x	05-123-39751	CHURCHILL 28E-203	OTTENHOF F 29U-343		PDC ENERGY INC	03/17/2015	PR	913	100			0
52	x	05-123-39752	CHURCHILL 28J-443	OTTENHOF F 29U-343		PDC ENERGY INC	02/06/2015	PR	891	100		6550	840
53	x	05-123-39869	CHURCHILL 28E-423	OTTENHOF F 29U-343		PDC ENERGY INC	03/03/2015	PR	925	100		6592	760

Total Wells: 53

Meets Standard(STD): 41

Needs Evaluation: 12