

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	x	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	135		6620	5848
5	x	05-123-12237	DIC CROSS 31- 32	OTTENHOF F 29R-353		PDC ENERGY INC	10/15/1987	PA	306	330		6613	5696
6	x	05-123-12482	ROSKOP 29-1	OTTENHOF F 29U-243		PDC ENERGY INC	06/21/1985	PR	347	300		6576	5998
7	x	05-123-13087	GILBERT DANLEY 20-1	OTTENHOF F 29R-323		PDC ENERGY INC	07/18/1986	PR	330	105		6642	5870
8	x	05-123-13201	CHITTENDEN 1- 32	OTTENHOF F 29R-353		NOBLE ENERGY INC	10/10/1986	PA	415	330		6646	6080
9		05-123-13348	OTTENHOFF 29 -1	OTTENHOF F 29R-353		PDC ENERGY INC	02/02/1987	PR	305	300		6579	6042
10	x	05-123-13349	HOFF 20-1	OTTENHOF F 29M-263		PDC ENERGY INC	01/27/1987	PR	292	105		6585	6102
11		05-123-13351	OCOMA B 29-11	OTTENHOF F 29M-353		NOBLE ENERGY INC	02/16/1987	SI	319	330		6641	5828
12		05-123-13393	OCOMA UPRR LEASE B29-14	OTTENHOF F 29M-353		NOBLE ENERGY INC	03/11/1987	SI	320	330		6685	6048
13		05-123-13698	GEMINI B29-6	OTTENHOF F 29M-353		NOBLE ENERGY INC	11/23/1987	SI	307	300		6618	6028
14	x	05-123-13853	GEMINI B29-3	OTTENHOF F 29M-353		NOBLE ENERGY INC	02/26/1988	PA	311	300		6717	6080
15	x	05-123-14124	CARLSON 29-1	OTTENHOF F 29R-353		PDC ENERGY INC	11/12/1988	PR	313	300		6680	6332
16	x	05-123-14412	BOREN 2-32	OTTENHOF F 29M-353		NOBLE ENERGY INC	10/31/1989	SI	309	330		6554	6240
17	x	05-123-14456	CHURCHILL 28A 1	OTTENHOF F 29U-343		PDC ENERGY INC	10/31/1989	PR	309	105		6554	6240
18	x	05-123-14471	CHURCHILL 2 28A	OTTENHOF F 29U-343		PDC ENERGY INC	11/05/1989	PR	323	105		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		05-123-15413	BLAKE B29-10	OTTENHOF F 29M-263		GERRITY OIL & GAS CORP	12/13/1991	DA	308	330		6662	
21	x	05-123-15414	BLAKE B29-15	OTTENHOF F 29M-263		NOBLE ENERGY INC	12/01/1991	SI	315	330		6645	6070
22	x	05-123-15415	BLAKE B29-16	OTTENHOF F 29R-323		NOBLE ENERGY INC	12/07/1991	PA	315	330		6593	6110
23	x	05-123-15979	EVERT 20-2	OTTENHOF F 29M-353		PDC ENERGY INC	08/12/1992	PA	314	105		6620	6060
24		05-123-15980	BAILEY 33-2	OTTENHOF F 29U-343		PDC ENERGY INC	08/17/1992	PR	303	330		6603	5957
25		05-123-16858	MILLER B 32-6	OTTENHOF F 29M-353		NOBLE ENERGY INC	01/03/1994	SI	336	330		6654	6050
26	x	05-123-16859	CROSS B 32-3	OTTENHOF F 29M-353		NOBLE ENERGY INC	03/17/1993	PA	322	330		6650	6110
27		05-123-18221	BLAKE B 29-10X	OTTENHOF F 29M-263		NOBLE ENERGY INC	04/21/1994	SI	311	330		6657	6082
28	x	05-123-19417	ADAMSON 28-2	OTTENHOF F 29U-343		PDC ENERGY INC	07/09/1997	PA	367	330		6572	6040
29	x	05-123-20028	CROSS 32-11	OTTENHOF F 29R-323		PETRO- CANADA RESOURCES INC	09/07/2000	DA	505	330		6687	
30	x	05-123-20038	PERLMAN 32-13	OTTENHOF F 29R-253		NOBLE ENERGY INC	03/15/2003	PR	544	330		6643	6280
31	x	05-123-21153	CROSS 32-11A	OTTENHOF F 29U-343		NOBLE ENERGY INC	03/21/2003	PR	502	330		6642	6084
32	x	05-123-21759	OTTENHOFF 41 -29	OTTENHOF F 29U-243		PDC ENERGY INC	01/01/2004	PR	387	105		6548	1350

33	x	05-123-22190	BLAKE B 29-23	OTTENHOF F 29R-253		NOBLE ENERGY INC	05/21/2004	SI	418	330		6690	6484
34	x	05-123-23405	THOR B 32-19	OTTENHOF F 29M-353		NOBLE ENERGY INC	12/05/2005	PR	452	330		6652	6112
35	x	05-123-25089	OTTENHOFF 41-7B	OTTENHOF F 29U-343		PDC ENERGY INC	06/12/2007	PR	404	105		6651	0
36	x	05-123-25090	OTTENHOFF 41-6B	OTTENHOF F 29R-303		PDC ENERGY INC	06/24/2007	PR	404	105		6714	0
37	x	05-123-25232	CARLSON 5	OTTENHOF F 29R-203		PDC ENERGY INC	07/01/2007	PR	423	300		6586	0
38	x	05-123-25719	YBARRA B 29-18	OTTENHOF F 29M-353		NOBLE ENERGY INC	04/15/2008	PR	479	300		6699	1590
39	x	05-123-25759	HELDT B 29-21	OTTENHOF F 29M-353		NOBLE ENERGY INC	08/04/2008	PR	490	300		6579	1890
40	x	05-123-28124	BELL B 29-24 D	OTTENHOF F 29M-353		NOBLE ENERGY INC	12/05/2008	PR	533	330		6912	2336
41	x	05-123-29200	BELL B29-22D	OTTENHOF F 29R-203		NOBLE ENERGY INC	12/10/2008	PR	523	300		6701	238
42	x	05-123-39748	CHURCHILL 28J-343	OTTENHOF F 29U-343		PDC ENERGY INC	02/20/2015	PR	915	330		6591	0
43	x	05-123-39751	CHURCHILL 28E-203	OTTENHOF F 29U-343		PDC ENERGY INC	03/17/2015	PR	913	330			500
44	x	05-123-39752	CHURCHILL 28J-443	OTTENHOF F 29U-343		PDC ENERGY INC	02/06/2015	PR	891	330		6550	840
45	x	05-123-39869	CHURCHILL 28E-423	OTTENHOF F 29U-343		PDC ENERGY INC	03/03/2015	PR	925	330		6592	760
46	x	05-123-43638	OTTENHOFF 29M-353	OTTENHOF F 29R-203		PDC ENERGY INC		XX		330			
47	x	05-123-43639	OTTENHOFF 29M-263	OTTENHOF F 29R-423		PDC ENERGY INC		XX		330			
48	x	05-123-43640	OTTENHOFF 29R-423	OTTENHOF F 29R-423		PDC ENERGY INC		XX		330			
49	x	05-123-43641	OTTENHOFF 29R-303	OTTENHOF F 29R-423		PDC ENERGY INC		XX		330			
50	x	05-123-43642	OTTENHOFF 29R-353	OTTENHOF F 29R-423		PDC ENERGY INC		XX		330			
51	x	05-123-43643	OTTENHOFF 29R-253	OTTENHOF F 29R-423		PDC ENERGY INC		XX		330			
52	x	05-123-43644	OTTENHOFF 29U-343	OTTENHOF F 29R-423		PDC ENERGY INC		XX		330			
53	x	05-123-43645	OTTENHOFF 29R-323	OTTENHOF F 29R-423		PDC ENERGY INC		XX		330			
54	x	05-123-43646	OTTENHOFF 29U-243	OTTENHOF F 29R-423		PDC ENERGY INC		XX		330			
55	x	05-123-43647	OTTENHOFF 29R-203	OTTENHOF F 29R-423		PDC ENERGY INC		XX		330			
56	x	05-123-43648	DNU_OTTENHOFF 29M-253	OTTENHOF F 29R-203		PDC ENERGY INC		XX		330			
57	x	05-123-45262	DAISY 31G-312	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
58	x	05-123-45263	DAISY 31F-332	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
59	x	05-123-45264	DAISY 31F-202	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
60	x	05-123-45265	DAISY 31F-212	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
61	x	05-123-45266	DAISY 31F-302	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
62	x	05-123-45267	DAISY 31F-232	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
63	x	05-123-45268	DAISY 31E-302	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
64	x	05-123-45269	DAISY 31E-332	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
65	x	05-123-45270	DAISY 31E-232	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
66	x	05-123-46284	CASTLE 1N	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
67	x	05-123-46291	CASTLE 2N	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
68	x	05-123-46292	CASTLE 4N	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
69	x	05-123-46294	CASTLE 3N	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			

70	x	05-123-46296	BLANCA 2N	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
71	x	05-123-46297	BLANCA 9N	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
72	x	05-123-46298	BLANCA 10N	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
73	x	05-123-46299	BLANCA 12N	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
74	x	05-123-46300	BLANCA 13N	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
75	x	05-123-46301	BLANCA 11N	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
76	x	05-123-46302	BLANCA 7N	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
77	x	05-123-46303	BLANCA 4N	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
78	x	05-123-46304	BLANCA 14N	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
79	x	05-123-46305	BLANCA 6N	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
80	x	05-123-46306	BLANCA 3N	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
81	x	05-123-46307	BLANCA 8C	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
82	x	05-123-46308	BLANCA 15C	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
83	x	05-123-46309	BLANCA 1N	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			
84	x	05-123-46310	BLANCA 5N	OTTENHOF F 29M-353		PDC ENERGY INC		XX		330			

Total Wells: 84

Meets Standard(STD): 75

Needs Evaluation: 9