

## 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	05-123-10407	HUNTER 1	ERWIN 6N		NOBLE ENERGY INC	09/28/1981	PR	212	187		6500	5550
2	x	05-123-11999	WHITE 27-3	ERWIN 1N		PDC ENERGY INC	10/07/1984	PR	346	142		6620	5804
3	x	05-123-12036	WHITE 27-4	ERWIN 1N		PDC ENERGY INC	11/28/2008	PR	446	230		6620	5780
4		05-123-12039	GAMEWELL 34- 1	ERWIN 3N		PDC ENERGY INC	07/16/2008	PR	247	230		6620	6428
5	x	05-123-12512	HERBST 27-1	ERWIN 3N		NOBLE ENERGY INC	01/15/2003	PA	306	142		6490	6028
6	x	05-123-12651	HERBST 27-2	ERWIN 3N		NOBLE ENERGY INC	07/01/2011	PR	320	121		6550	5930
7	x	05-123-12854	HERBST 27-3	ERWIN 6N		NOBLE ENERGY INC	03/23/2011	TA	327	160		6487	5670
8	x	05-123-12878	HERBST 27-4	ERWIN 6N		NOBLE ENERGY INC	06/08/2011	SI	326	187		6484	5568
9	x	05-123-12920	HERBST 27-5	ERWIN 6N		NOBLE ENERGY INC	12/31/1985	PA	322	230		6508	5884
10	x	05-123-12943	HERBST 27-6	ERWIN 3N		NOBLE ENERGY INC	01/08/1986	PR	304	230		6498	5886
11	x	05-123-13748	EMANCIPATOR 22-16	ERWIN 6N		NOBLE ENERGY INC	03/04/1993	PA	316	160		6400	5820
12	x	05-123-14091	BETTALE 34-1	ERWIN 1N		PDC ENERGY INC	11/07/1988	PR	325	230		6546	6290
13	x	05-123-16108	WHITE 27-5	ERWIN 1N		PDC ENERGY INC	09/30/1992	PR	325	142		6484	4400
14	x	05-123-16684	EMANCIPATOR 22-15	ERWIN 3N		PDC ENERGY INC	02/17/1993	PR	288	142		6400	5980
15	x	05-123-16685	EMANCIPATOR 22-10	ERWIN 3N		PDC ENERGY INC	07/10/2007	PR	323	142		6480	6050
16	x	05-123-16908	EMANCIPATOR 22-9	ERWIN 6N		PDC ENERGY INC	12/01/2004	PR	308	142		6400	5800
17	x	05-123-17893	HERBST B 27-7	ERWIN 3N		NOBLE ENERGY INC	12/08/2003	PA	362	117		6483	5540
18	x	05-123-18440	GAMEWELL 34- 2	ERWIN 3N		PDC ENERGY INC	08/14/2010	PR	362	230		6538	6051
19	x	05-123-19282	WHITE 27-7	ERWIN 1N		PDC ENERGY INC	02/17/1997	PR	325	142		6546	6288
20	x	05-123-19306	GAMEWELL 34- 3	ERWIN 6N		PDC ENERGY INC	02/07/1997	PA	364	230		6581	5980
21	x	05-123-19383	GAMEWELL 34- 4	ERWIN 6N		PDC ENERGY INC	08/18/2008	PR	360	230		6574	6144
22	x	05-123-20396	ROBERT 1	ERWIN 1N		SOUTHWESTE RN PRODUCTION CORP	07/05/2001	AL		230			
23	x	05-123-20397	PAIGE 2-22	ERWIN 1N		SOUTHWESTE RN PRODUCTION CORP	07/12/2001	AL		230			
24	x	05-123-22556	GAMEWELL 5	ERWIN 5C		PDC ENERGY INC	12/03/2004	PR	414	230		6552	0
25	x	05-123-22586	CHESNUT 22-24	ERWIN 1N		PDC ENERGY INC	02/27/2005	PR	401	142		6487	0
26	x	05-123-24754	EMANCIPATOR B 22-23	ERWIN 5C		PDC ENERGY INC	03/13/2007	PR	540	142		6471	1820
27	x	05-123-25591	CHESNUT 22-23	ERWIN 1N		PDC ENERGY INC	12/19/2009	PR	415	142		6520	2894
28	x	05-123-26070	LOLOFF B 26-33	ERWIN 6N		NOBLE ENERGY INC	12/23/2007	PR	485	230		6472	1760
29	x	05-123-31886	CHESNUT 22PD	ERWIN 1N		PDC ENERGY INC	12/10/2010	PR	675	142		6615	0
30	x	05-123-39513	SUDEN 34M- 423	ERWIN 4N		PDC ENERGY INC	11/06/2014	PR	875	187			500
31	x	05-123-39514	SUDEN 34M- 223	ERWIN 4N		PDC ENERGY INC	11/23/2014	PR	875	187			500

32	x	05-123-39515	SUDEN 34R-203	ERWIN 4N		PDC ENERGY INC	12/14/2014	PR	875	187			500
33	x	05-123-39516	SUDEN 34R-343	ERWIN 4N		PDC ENERGY INC	12/02/2014	PR	875	187			500
34	x	05-123-39615	LEDFOORD 22T-221	ERWIN 6N		PDC ENERGY INC	06/27/2015	PR	936	160			0
35	x	05-123-39616	LEDFOORD 22T-321	ERWIN 6N		PDC ENERGY INC	07/02/2015	PR	922	160			580
36	x	05-123-39617	LEDFOORD 22Y-341	ERWIN 6N		PDC ENERGY INC	06/20/2015	PR	916	160			0
37	x	05-123-39618	LEDFOORD 22Y-401	ERWIN 6N		PDC ENERGY INC	06/13/2015	PR	928	160			150
38	x	05-123-39754	SUDEN 34U-403	ERWIN 6N		PDC ENERGY INC	01/27/2015	PR	933	187		6613	0
39	x	05-123-39755	SUDEN 34R-323	ERWIN 6N		PDC ENERGY INC	11/12/2014	PR	925	187		6557	430
40	x	05-123-39756	SUDEN 34R-423	ERWIN 6N		PDC ENERGY INC	12/24/2014	PR	931	187		6563	1070
41	x	05-123-39757	SUDEN 34U-243	ERWIN 6N		PDC ENERGY INC	01/17/2015	PR	930	187		6729	0
42	x	05-123-39978	CHESNUT 27O-243	ERWIN 1N	733	PDC ENERGY INC	01/30/2015	PR	875	187			500
43	x	05-123-39979	CHESNUT 27O-303	ERWIN 1N	393	PDC ENERGY INC	01/15/2015	PR	875	187			500
44	x	05-123-39980	CHESNUT 27K-323	ERWIN 1N	1083	PDC ENERGY INC	02/10/2015	PR	875	187			500
45	x	05-123-39981	CHESNUT 27K-403	ERWIN 1N	1391	PDC ENERGY INC	02/22/2015	PR	875	187			500
46	x	05-123-40075	CHESNUT 27O-341	ERWIN 1N	754	PDC ENERGY INC	03/04/2015	PR	875	187			500
47	x	05-123-40077	CHESNUT 27K-421	ERWIN 1N	1105	PDC ENERGY INC	12/07/2014	PR	875	187			500
48	x	05-123-40080	CHESNUT 27K-201	ERWIN 1N	1413	PDC ENERGY INC	01/10/2015	PR	875	187			500
49	x	05-123-40144	CHESNUT 27O-201	ERWIN 1N	425	PDC ENERGY INC	02/03/2015	PR	875	187			500
50	x	05-123-40376	LOLOFF FARMS 26H-312ST	ERWIN 6N		PDC ENERGY INC	02/22/2016	PA	916	187		6664	0
51	x	05-123-40376	LOLOFF FARMS 26H-312ST	ERWIN 6N		PDC ENERGY INC	03/28/2016	PR	916	187		6664	0
52	x	05-123-40379	LOLOFF FARMS 26H-202ST	ERWIN 6N		PDC ENERGY INC	02/17/2016	PA	915	187		6623	0
53	x	05-123-40379	LOLOFF FARMS 26H-202ST	ERWIN 6N		PDC ENERGY INC	04/06/2016	PR	959	187		6528	0
54	x	05-123-40514	LOLOFF FARMS 26H-332	ERWIN 6N		PDC ENERGY INC	05/19/2016	PR	956	187		6698	0
55	x	05-123-41547	SAPPINGTON 22T-201	ERWIN 4N		PDC ENERGY INC	07/31/2015	PR	875	187			500
56	x	05-123-41548	SAPPINGTON 22Q-301	ERWIN 4N		PDC ENERGY INC	07/10/2015	PR	875	187			500
57	x	05-123-41549	SAPPINGTON 22Q-221	ERWIN 4N		PDC ENERGY INC	07/17/2015	PR	875	187			500
58	x	05-123-41550	SAPPINGTON 22T-341	ERWIN 4N		PDC ENERGY INC	07/24/2015	PR	875	187			500
59	x	05-123-42688	CONNIE 26E-402	ERWIN 6N		PDC ENERGY INC	05/16/2016	PR	1469	187		6522	1300
60	x	05-123-42689	CONNIE 26E-332	ERWIN 6N		PDC ENERGY INC	05/09/2016	PR	1465	187		6515	800
61	x	05-123-42690	CONNIE 26F-302	ERWIN 6N		PDC ENERGY INC	04/22/2016	PR	1467	187		6567	0
62	x	05-123-42691	CONNIE 26F-402	ERWIN 6N		PDC ENERGY INC	04/09/2016	PR	1467	187		6580	150
63	x	05-123-42692	CONNIE 26F-212	ERWIN 6N		PDC ENERGY INC	05/01/2016	PR	1456	187		6587	0

Total Wells: 63

Meets Standard(STD): 62

Needs Evaluation: 1