

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		05-123-23708	JIGGER STATE CC 30-01	Booth CC30- 715		NOBLE ENERGY INC	05/27/2006	PR	488	510		6531	5900
2	x	05-123-24131	Sater USX CC 19-07	Booth CC30- 745		NOBLE ENERGY INC	10/21/2006	PR	547	510		6453	5756
3		05-123-15830	SPIKE ST GWS CC 30-15	Booth CC30- 745		NOBLE ENERGY INC	06/24/1993	SI	523	510		6560	6140
4	x	05-123-35798	BOOTH STATE CC31-69HN	Booth CC30- 734		NOBLE ENERGY INC	09/02/2012	PR	663	510		7016	1117
5	x	05-123-31173	GUTTERSEN STATE CC 20- 32D	Booth CC30- 715		NOBLE ENERGY INC	07/21/2011	PR	667	510		6607	1990
6	x	05-123-25435	SPIKE STATE CC 30-22	Booth CC30- 725		NOBLE ENERGY INC	03/23/2008	SI		510		6669	2006
7		05-123-15831	SPIKE ST GWS CC 30-16	Booth CC30- 725		NOBLE ENERGY INC	07/01/1993	SI	509	510		6544	6090
8		05-123-15825	SPIKE ST GWS CC 30-10	Booth CC30- 745		NOBLE ENERGY INC	07/08/1993	SI	500	510		6569	6190
9		05-123-15822	SPIKE ST GWS CC 30-07	Booth CC30- 734		NOBLE ENERGY INC	07/14/1993	SI	481	510		6516	5985
10	x	05-123-37985	Sater CC18-72- 1HN	Booth CC30- 715		NOBLE ENERGY INC	03/04/2014	PR	669	510		6461	632
11	x	05-123-31178	GUTTERSEN STATE CC 20- 33D	Booth CC30- 715		NOBLE ENERGY INC	07/17/2011	PR	658	510		6634	2172
12	x	05-123-37984	Sater CC18-73- 1HN	Booth CC30- 725		NOBLE ENERGY INC	03/21/2014	PR	625	510		6593	410
13		05-123-15824	SPIKE ST GWS CC 30-09	Booth CC30- 725		NOBLE ENERGY INC	07/19/1993	SI	511	510		6513	6141
14	x	05-123-31147	GUTTERSEN STATE CC 20- 31D	Booth CC30- 715		NOBLE ENERGY INC	07/05/2011	SI		510		6597	1250
15	x	05-123-24128	Sater USX CC 19-10	Booth CC30- 745		NOBLE ENERGY INC	09/08/2006	PR	516	510		6528	6012
16	x	05-123-24138	SATER USX CC 19-15	Booth CC30- 745		NOBLE ENERGY INC	09/15/2006	PR	515	510		6615	5813
17	x	05-123-15820	SPIKE STATE GWS CC 30-02	Booth CC30- 734		NOBLE ENERGY INC	07/20/1993	PR	480	510		6494	6053
18		05-123-24129	Sater USX CC 19-23	Booth CC30- 734		NOBLE ENERGY INC	08/26/2006	PR	547	510		6466	5486
19		05-123-23736	SPIKE STATE CC 30-23	Booth CC30- 725		NOBLE ENERGY INC	06/02/2006	PR	585	510		6617	5864
20		05-123-24132	Sater USX CC 19-17	Booth CC30- 734		NOBLE ENERGY INC	10/03/2006	PR	530	510		6437	3262
21		05-123-24125	Sater USX CC 19-01	Booth CC30- 715		NOBLE ENERGY INC	10/09/2006	PR	548	510		6487	5705
22		05-123-15823	SPIKE ST GWS CC 30-08	Booth CC30- 725		NOBLE ENERGY INC	07/14/1993	PR	381	510		6554	6150
23		05-123-24126	Sater USX CC 19-08	Booth CC30- 715		NOBLE ENERGY INC	10/15/2006	PR	549	510		6507	3062
24	x	05-123-21073	CAPITAL 31-19	Booth CC30- 745		NOBLE ENERGY INC	07/10/2005	PR	434	510		6435	5400
25		05-123-24124	SATER USX CC 19-09	Booth CC30- 715		NOBLE ENERGY INC	09/27/2006	PR	521	510		6502	5853
26		05-123-24130	Sater USX CC 19-16	Booth CC30- 715		NOBLE ENERGY INC	08/31/2006	PR	519	510		6540	3406
27		05-123-07747	SPIKE STATE CC 30-IJ	Booth CC30- 725		NOBLE ENERGY INC	07/01/1973	PR	472	510		6641	6352
28	x	05-123-25433	Spike State CC 30-18	Booth CC30- 745		NOBLE ENERGY INC	03/13/2008	SI	565	510		6573	2120
29	x	05-123-31152	GUTTERSEN STATE CC 20- 30D	Booth CC30- 715		NOBLE ENERGY INC	07/11/2011	SI	647	510		6587	1819
30	x	05-123-37983	Sater CC18-74- 1HN	Booth CC30- 734		NOBLE ENERGY INC	03/30/2014	PR	629	510		6717	550
31	x	05-123-28158	Sater 19-PU	Booth CC30- 745		PDC ENERGY INC	11/28/2009	SI	520	510		6482	0

32	x	05-123-42062	Sater 19M-243ST	Booth CC30-745		PDC ENERGY INC	03/07/2016	PR	1620	510	x	6689	240
33	x	05-123-28160	Sater 19-NU	Booth CC30-745		PDC ENERGY INC	11/20/2009	PR	523	510		6441	0
34	x	05-123-25472	Spike State CC30-24	Booth CC30-745		NOBLE ENERGY INC	03/27/2008	SI	643	510		6622	5898
35	x	05-123-42060	Sater 19M-443	Booth CC30-745		PDC ENERGY INC	02/29/2016	PR	1619	510		6461	70
36	x	05-123-42065	Sater 19J-323	Booth CC30-745		PDC ENERGY INC	02/25/2016	PR	1622	510		6592	250
37	x	05-123-42066	Sater 19J-203	Booth CC30-745		PDC ENERGY INC	02/18/2016	PR	1620	510		6665	0
38	x	05-123-25432	SPIKE STATE CC 30-21	Booth CC30-745		NOBLE ENERGY INC	03/20/2008	PR		510		6567	1750
39	x	05-123-34656	Booth CC31-17D	Booth CC30-725		NOBLE ENERGY INC	03/16/2012	SI	782	510		6646	2258
40		05-123-22282	GUTTERSEN STATE CC 20-13	Booth CC30-715		NOBLE ENERGY INC	08/09/2005	PR	544	510		6513	5880
41		05-123-22279	GUTTERSEN STATE CC 20-4	Booth CC30-715		NOBLE ENERGY INC	05/26/2005	SI	501	510		6552	5940
42		05-123-22283	GUTTERSEN STATE CC 20-12	Booth CC30-715		NOBLE ENERGY INC	08/16/2005	PR	542	510		6562	5946
43		05-123-22312	BOOTH 31-31	Booth CC30-745		NOBLE ENERGY INC	09/18/2004	SI	592	510		6543	6130
44		05-123-13612	C. WATKINS 18-4	Booth CC30-715		NOBLE ENERGY INC	10/08/1987	PR	448	510		6475	5805
45		05-123-22284	GUTTERSEN STATE CC 20-05	Booth CC30-715		NOBLE ENERGY INC	05/21/2005	SI	500	510		6553	5930
46		05-123-23017	BOOTH 41-31	Booth CC30-725		NOBLE ENERGY INC	07/11/2005	SI	569	510		6548	5990
47		05-123-25153	GUTTERSEN 14-29U	Booth CC30-715		PDC ENERGY INC	06/17/2007	PR	584	510		6609	6210
48	x	05-123-24644	SATER 23-19U	Booth CC30-745		PDC ENERGY INC	04/09/2007	PR	1270	510		6467	5972
49		05-123-15829	SPIKE ST GWS CC 30-14	Booth CC30-745		NOBLE ENERGY INC	07/01/1992	PR	351	510	x	6567	5840
50	x	05-123-24641	SATER 24-19U	Booth CC30-745		PDC ENERGY INC	04/03/2007	PR	1270	510		6511	5980
51		05-123-25152	GUTTERSEN 13-29U	Booth CC30-715		PDC ENERGY INC	06/11/2007	PA	583	510		6523	6100
52		05-123-15795	SPIKE ST GWS CC 30-06	Booth CC30-745		NOBLE ENERGY INC	06/29/1992	SI	353	510		6533	6000
53	x	05-123-15792	SPIKE ST GWS CC 30-03	Booth CC30-745		NOBLE ENERGY INC	06/23/1992	PA	354	510		6562	5935
54	x	05-123-35805	BOOTH CC31-68-1HN	Booth CC30-734		NOBLE ENERGY INC	09/21/2012	PR	643	510		6749	1802
55	x	05-123-25056	SATER 21-19U	Booth CC30-745		PDC ENERGY INC	04/22/2007	PR	1260	510		6454	5956
56	x	05-123-30846	Sater CC 18-14	Booth CC30-745		NOBLE ENERGY INC	03/28/2011	PR	542	510		6460	2040
57	x	05-123-25031	SATER 22-19U	Booth CC30-745		PDC ENERGY INC	05/10/2007	PR	523	510		6463	5900
58		05-123-22894	GUTTERSEN STATE CC 32-04	Booth CC30-715		NOBLE ENERGY INC	03/14/2006	PR	609	510		6576	5836
59		05-123-25155	BOOTH 21-31U	Booth CC30-745		PDC ENERGY INC	09/13/2007	SI	622	510		6586	6150
60		05-123-24226	GUTTERSEN USX CC 17-13	Booth CC30-715		NOBLE ENERGY INC	03/29/2007	SI	486	510		6503	5880
61		05-123-07855	SPIKE STATE CC 30-11J	Booth CC30-745		NOBLE ENERGY INC	09/07/1973	PA	486	510		6606	6256
62	x	05-123-31129	SATER CC 18-24	Booth CC30-745		NOBLE ENERGY INC	11/09/2011	PR	649	510		6499	2050

Total Wells: 62

Meets Standard(STD): 32

Needs Evaluation: 30