

## 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	05-123-38306	Marie D04-72-1HN	Guttersen D09-721	0	NOBLE ENERGY INC	01/25/2014	PR		602		6880	566
2		05-123-15123	MARIE D4-9	Guttersen D09-721		NOBLE ENERGY INC	08/21/1991	PR	314	602	x	6641	6196
3	x	05-123-27115	FRONT RANGE D 09-28	Guttersen D09-750		NOBLE ENERGY INC	09/07/2008	SI	580	458		6658	1752
4		05-123-13112	MARIE D 4-16	Guttersen D09-721		NOBLE ENERGY INC	08/02/1986	PA	303	602		6642	6072
5		05-123-16283	KARCH WHITE D 9-8	Guttersen D09-721		NOBLE ENERGY INC	10/27/1992	PR	472	455		6647	6155
6		05-123-16282	KARCH WHITE D 9-1	Guttersen D09-721		NOBLE ENERGY INC	11/02/1992	SI	465	448		6629	6520
7	x	05-123-27022	GUTTERSEN D 09-21	Guttersen D09-750		NOBLE ENERGY INC	09/04/2008	PR	604	464		6686	1820
8		05-123-16139	GITTLEIN BLUE D 4-08	Guttersen D09-721		NOBLE ENERGY INC	09/25/1992	SI	425	602		6641	6134
9	x	05-123-30082	GITTLEIN D 04-24	Guttersen D09-750		NOBLE ENERGY INC	10/19/2010	PR	685	467		6684	4218
10	x	05-123-27102	GUTTERSEN D 04-21	Guttersen D09-750		NOBLE ENERGY INC	09/09/2008	SI		602		6658	812
11	x	05-123-27024	GUTTERSEN D 09-24	Guttersen D09-750		NOBLE ENERGY INC	08/30/2008	PR	621	481		6661	1530
12	x	05-123-31404	GUTTERSEN D 16-28	Guttersen D09-750		NOBLE ENERGY INC	10/14/2010	PR	645	510		6676	1785
13		05-123-19016	GITTLEIN D #9-7	Guttersen D09-745		NOBLE ENERGY INC	12/16/1995	PR	502	440		6648	5823
14	x	05-123-26910	GUTTERSEN D 09-09	Guttersen D09-721		NOBLE ENERGY INC	08/25/2008	PR	565	465		6651	1170
15		05-123-16950	ART RED D 9-16	Guttersen D09-721		NOBLE ENERGY INC	05/20/1993	PR	496	500		6661	5964
16		05-123-16137	KARCH BLUE D 4-02	Guttersen D09-745		NOBLE ENERGY INC	10/06/1992	SI	430	602		6650	6106
17		05-123-16138	KARCH BLUE D 4-07	Guttersen D09-745		NOBLE ENERGY INC	09/29/1992	PA	431	602		6651	6104
18	x	05-123-34094	GUTTERSEN D 04-69HN	Guttersen D09-750		NOBLE ENERGY INC	05/27/2012	SI	751	454		6811	1796
19		05-123-11195	TWO E RANCH 1-4	Guttersen D09-721		PDC ENERGY INC	06/19/1983	SI	415	602		6610	6310
20		05-123-15141	MARIE D4-15	Guttersen D09-745		NOBLE ENERGY INC	09/14/1991	PA	310	602		6650	6090
21	x	05-123-27103	GUTTERSEN D 04-18	Guttersen D09-750		NOBLE ENERGY INC	09/15/2008	PR	604	440		6621	1750
22		05-123-15833	GUTTERSEN 9-15	Guttersen D09-745		NOBLE ENERGY INC	06/11/1992	PR	458	477		6659	6097
23		05-123-13164	MARIE D 4-10	Guttersen D09-745		NOBLE ENERGY INC	09/26/1986	SI	309	602	x	6648	5902
24		05-123-16254	ART RED D 9-4J	Guttersen D09-721		NOBLE ENERGY INC	11/18/1992	PR	451	474		6665	6180
25		05-123-16948	ART RED D 9-10	Guttersen D09-745		NOBLE ENERGY INC	05/09/1993	PR	471	475		6662	6260
26	x	05-123-38312	Marie D04-73-1HN	Guttersen D09-721		NOBLE ENERGY INC	01/17/2014	PR		602		6924	622
27		05-123-16367	GITTLEIN WHITE D 9-2	Guttersen D09-745		NOBLE ENERGY INC	11/07/1992	SI	465	446		6662	6092
28	x	05-123-38305	Marie D04-74-1HN	Guttersen D09-745		NOBLE ENERGY INC	12/22/2013	PR	677	448		6682	570
29		05-123-15124	MARIE D4-11	Guttersen D09-750		NOBLE ENERGY INC	09/09/1991	PR	307	461	x	6640	5810
30	x	05-123-31910	GUTTERSEN D 03-33D	Guttersen D09-721		NOBLE ENERGY INC	06/01/2011	SI	533	602		6763	1930
31		05-123-16949	ART RED D 9-14	Guttersen D09-750		NOBLE ENERGY INC	05/03/1993	PR	490	510		6680	5860
32		05-123-25244	ROADHOUSE D 9-17	Guttersen D09-721		NOBLE ENERGY INC	09/05/2007	SI	520	454		6635	2646
33		05-123-22933	MARIE D 4-23	Guttersen D09-721		NOBLE ENERGY INC	06/14/2005	SI	589	602		6671	4022

34	x	05-123-33746	Guttersen D09-27D	Guttersen D09-721		NOBLE ENERGY INC	07/20/2011	PR	710	455		6796	1184
35	x	05-123-27023	GUTTERSEN D 09-22	Guttersen D09-721		NOBLE ENERGY INC	08/20/2008	SI	572	469		6654	1300
36		05-123-27306	KARCH D 4-17	Guttersen D09-721		NOBLE ENERGY INC	10/28/2006	SI	496	602		6656	2228
37	x	05-123-32800	Burghart D 04-22	Guttersen D09-721		NOBLE ENERGY INC	04/21/2011	SI	695	602		6656	1979
38	x	05-123-29213	GUTTERSEN D 10-30D	Guttersen D09-721		NOBLE ENERGY INC	07/26/2011	PR	699	455		6743	1385
39	x	05-123-32555	BECCA D 03-32D	Guttersen D09-721		NOBLE ENERGY INC	06/02/2011	PR		602		6864	1407
40		05-123-13118	MARIE D 4-14	Guttersen D09-750		NOBLE ENERGY INC	08/08/1986	PR	311	456	x	6654	6012
41		05-123-18003	HSR TIM GITTLEIN 6-9	Guttersen D09-750		NOBLE ENERGY INC	03/07/1994	SI	538	510		6676	6276
42		05-123-16947	ART RED D 9-11	Guttersen D09-750		NOBLE ENERGY INC	05/14/1993	PR	489	510		6677	6258
43		05-123-18000	HSR TIM GITTLEIN 3-9	Guttersen D09-750		NOBLE ENERGY INC	03/15/1994	SI	531	510		6672	6086
44		05-123-15122	MARIE D 4-3	Guttersen D09-750		NOBLE ENERGY INC	08/30/1991	SI	310	440		6623	5970
45		05-123-13170	MARIE D 4-6	Guttersen D09-750		NOBLE ENERGY INC	09/29/1986	SI	315	440		6632	5950
46		05-123-15904	SPIKE ST GWS D 16-01	Guttersen D09-721		NOBLE ENERGY INC	07/24/1992	SI	350	524		6666	6174
47	x	05-123-31043	GUTTERSEN STATE D 16-27	Guttersen D09-721		NOBLE ENERGY INC	06/01/2010	PR		503		6673	1695
48		05-123-15905	SPIKE ST GWS D 16-02	Guttersen D09-745		NOBLE ENERGY INC	07/15/1992	PA	354	507		6688	6180
49		05-123-14723	LINDSAY C33-16	Guttersen D09-721		NOBLE ENERGY INC	09/10/1990	SI	302	457	x	6647	6146
50		05-123-13153	LINDSAY 33-1	Guttersen D09-745		NOBLE ENERGY INC	09/07/1986	SI	307	473	x	6666	6014
51		05-123-15906	SPIKE ST GWS D 16-03	Guttersen D09-750		NOBLE ENERGY INC	07/06/1992	PR	351	510		6685	5990
52		05-123-13155	LINDSAY C 33-2	Guttersen D09-750		NOBLE ENERGY INC	09/09/1986	SI	305	440		6633	5950
53		05-123-22512	MARIE D 4-19	Guttersen D09-750		NOBLE ENERGY INC	10/30/2004	PR	540	449		6634	3360
54	x	05-123-35419	FRONT RANGE D09-25D	Guttersen D09-750		NOBLE ENERGY INC	05/29/2012	PR	746	510		6883	2137
55	x	05-123-30704	GUTTERSEN D 15-30	Guttersen D09-721		NOBLE ENERGY INC	05/09/2010	SI	599	516		6658	1972
56		05-123-18408	HSR-GITTLEIN, D 4-3	Guttersen D09-721		NOBLE ENERGY INC	08/25/1994	PR	771	602		6626	5952
57		05-123-18409	HSR-GITTLEIN, D 5-3	Guttersen D09-721		NOBLE ENERGY INC	08/20/1994	PR	772	602		6664	5903
58		05-123-24042	VOLLEY STATE D 10-13	Guttersen D09-721		NOBLE ENERGY INC	08/05/2006	PR	539	602		6673	3150
59		05-123-22934	MARIE D 4-25	Guttersen D09-750		NOBLE ENERGY INC	06/13/2005	PR	551	462		6652	3424
60	x	05-123-31172	Aloysius C 34-33D	Guttersen D09-721		NOBLE ENERGY INC	09/20/2010	PR	656	440		6734	2104
61		05-123-15930	SPIKE ST GWS D 10-12	Guttersen D09-721		NOBLE ENERGY INC	07/14/1992	SI	366	602		6644	5840
62	x	05-123-35420	FRONT RANGE D09-20D	Guttersen D09-750		NOBLE ENERGY INC	05/24/2012	PR	748	510		7036	2612
63	x	05-123-33133	MARIE D 04-20	Guttersen D09-750		NOBLE ENERGY INC	04/28/2011	PR	698	459		6635	2278
64		05-123-17287	BECCA D 3-12	Guttersen D09-721		NOBLE ENERGY INC	08/24/1993	PR	474	602		6657	6135
65		05-123-07220	UPRR 39 PAN AM A 01	Guttersen D09-721		NOBLE ENERGY INC	01/12/1971	PA	208	602		6638	6600
66	x	05-123-30768	GUTTERSEN STATE D 15-31	Guttersen D09-721		NOBLE ENERGY INC	05/14/2010	PR	605	537		6704	1350
67	x	05-123-25887	FRONT RANGE D 16-29	Guttersen D09-750		NOBLE ENERGY INC	06/09/2008	SI	566	510		6677	1880
68	x	05-123-30881	GUTTERSEN STATE D 16-18	Guttersen D09-750		NOBLE ENERGY INC	05/25/2010	SI		510		6686	2190
69		05-123-17288	BECCA D 3-13	Guttersen D09-721		NOBLE ENERGY INC	09/10/1993	PR	501	602		6664	5770
70		05-123-14025	TWO E RANCH 4-10	Guttersen D09-721		PDC ENERGY INC	07/30/1988	SI	455	602		6632	5940

71		05-123-13791	TWO E RANCH 2-10	Guttersen D09-721		PDC ENERGY INC	01/15/1988	PR	403	602		6622	5932
72		05-123-21758	GITTLEIN 18-9	Guttersen D09-750		NOBLE ENERGY INC	11/04/2003	PR	626	550		6697	4666

Total Wells: 72

Meets Standard(STD): 27

Needs Evaluation: 45