

# 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		05-123-07220	UPRR 39 PAN AM A 01	GUTTERSE N D09-721	1363	NOBLE ENERGY INC	01/12/1971	PA	208	602		6638	6600
2		05-123-07581	Spike State GWD D16-7J	GUTTERSE N D09-745	1475	NOBLE ENERGY INC	11/01/1972	PA	341	514	x	6679	4420
3		05-123-11195	TWO E RANCH 1-4	GUTTERSE N D09-721	305	PDC ENERGY INC	06/19/1983	SI	415	602		6610	6310
4		05-123-13112	MARIE D 4-16	GUTTERSE N D09-721	18	NOBLE ENERGY INC	08/02/1986	PA	303	602		6642	6072
5		05-123-13118	MARIE D 4-14	GUTTERSE N D09-750	997	NOBLE ENERGY INC	08/08/1986	PR	311	456	x	6654	6012
6		05-123-13153	LINDSAY 33-1	GUTTERSE N D09-745	911	NOBLE ENERGY INC	09/07/1986	SI	307	473	x	6666	6014
7		05-123-13155	LINDSAY C 33-2	GUTTERSE N D09-750	1107	NOBLE ENERGY INC	09/09/1986	SI	305	440		6633	5950
8		05-123-13164	MARIE D 4-10	GUTTERSE N D09-745	137	NOBLE ENERGY INC	09/26/1986	SI	309	602	x	6648	5902
9		05-123-13170	MARIE D 4-6	GUTTERSE N D09-750	835	NOBLE ENERGY INC	09/29/1986	SI	315	440		6632	5950
10		05-123-14723	LINDSAY C33- 16	GUTTERSE N D09-721	904	NOBLE ENERGY INC	09/10/1990	SI	302	457	x	6647	6146
11		05-123-15122	MARIE D 4-3	GUTTERSE N D09-750	721	NOBLE ENERGY INC	08/30/1991	SI	310	440		6623	5970
12		05-123-15123	MARIE D4-9	GUTTERSE N D09-721	8	NOBLE ENERGY INC	08/21/1991	PR	314	602	x	6641	6196
13		05-123-15124	MARIE D4-11	GUTTERSE N D09-750	730	NOBLE ENERGY INC	09/09/1991	PR	307	461	x	6640	5810
14		05-123-15141	MARIE D4-15	GUTTERSE N D09-750	303	NOBLE ENERGY INC	09/14/1991	PA	310	602		6650	6090
15		05-123-15833	GUTTERSEN 9- 15	GUTTERSE N D09-750	90	NOBLE ENERGY INC	06/11/1992	PR	458	477		6659	6097
16		05-123-15904	SPIKE ST GWS D 16-01	GUTTERSE N D09-745	751	NOBLE ENERGY INC	07/24/1992	SI	350	524		6666	6174
17		05-123-15905	SPIKE ST GWS D 16-02	GUTTERSE N D09-750	869	NOBLE ENERGY INC	07/15/1992	PA	354	507		6688	6180
18		05-123-16137	KARCH BLUE D 4-02	GUTTERSE N D09-745	106	NOBLE ENERGY INC	10/06/1992	SI	430	602		6650	6106
19		05-123-16138	KARCH BLUE D 4-07	GUTTERSE N D09-745	73	NOBLE ENERGY INC	09/29/1992	PA	431	602		6651	6104
20		05-123-16139	GITTLEIN BLUE D 4-08	GUTTERSE N D09-721	53	NOBLE ENERGY INC	09/25/1992	SI	425	602		6641	6134
21		05-123-16254	ART RED D 9-4J	GUTTERSE N D09-745	105	NOBLE ENERGY INC	11/18/1992	PR	451	474		6665	6180
22		05-123-16282	KARCH WHITE D 9-1	GUTTERSE N D09-745	715	NOBLE ENERGY INC	11/02/1992	SI	465	448		6629	6520
23		05-123-16283	KARCH WHITE D 9-8	GUTTERSE N D09-745	435	NOBLE ENERGY INC	10/27/1992	PR	472	455		6647	6155
24		05-123-16367	GITTLEIN WHITE D 9-2	GUTTERSE N D09-750	334	NOBLE ENERGY INC	11/07/1992	SI	465	446		6662	6092
25		05-123-16947	ART RED D 9-11	GUTTERSE N D09-750	1309	NOBLE ENERGY INC	05/14/1993	PR	489	510		6677	6258
26		05-123-16948	ART RED D 9-10	GUTTERSE N D09-750	67	NOBLE ENERGY INC	05/09/1993	PR	471	475		6662	6260
27		05-123-16949	ART RED D 9-14	GUTTERSE N D09-750	1323	NOBLE ENERGY INC	05/03/1993	PR	490	510		6680	5860
28		05-123-16950	ART RED D 9-16	GUTTERSE N D09-745	294	NOBLE ENERGY INC	05/20/1993	PR	496	500		6661	5964
29		05-123-17287	BECCA D 3-12	GUTTERSE N D09-721	1360	NOBLE ENERGY INC	08/24/1993	PR	474	602		6657	6135
30		05-123-17288	BECCA D 3-13	GUTTERSE N D09-721	1478	NOBLE ENERGY INC	09/10/1993	PR	501	602		6664	5770

31		05-123-18000	HSR TIM GITTLEIN 3-9	GUTTERSE N D09-750	1113	NOBLE ENERGY INC	03/15/1994	SI	531	510		6672	6086
32		05-123-18003	HSR TIM GITTLEIN 6-9	GUTTERSE N D09-750	1182	NOBLE ENERGY INC	03/07/1994	SI	538	510		6676	6276
33		05-123-18408	HSR-GITTLEIN, D 4-3	GUTTERSE N D09-721	1185	NOBLE ENERGY INC	08/25/1994	PR	771	602		6626	5952
34		05-123-18409	HSR-GITTLEIN, D 5-3	GUTTERSE N D09-721	1187	NOBLE ENERGY INC	08/20/1994	PR	772	602		6664	5903
35		05-123-19016	GITTLEIN D #9-7	GUTTERSE N D09-750	62	NOBLE ENERGY INC	12/16/1995	PR	502	440		6648	5823
36		05-123-22512	MARIE D 4-19	GUTTERSE N D09-750	1196	NOBLE ENERGY INC	10/30/2004	PR	540	449		6634	3360
37		05-123-22933	MARIE D 4-23	GUTTERSE N D09-745	375	NOBLE ENERGY INC	06/14/2005	SI	589	602		6671	4022
38		05-123-24042	VOLLEY STATE D 10-13	GUTTERSE N D09-745	1313	NOBLE ENERGY INC	08/05/2006	PR	539	602		6673	3150
39		05-123-25244	ROADHOUSE D 9-17	GUTTERSE N D09-745	38	NOBLE ENERGY INC	09/05/2007	SI	520	454		6635	2646
40	x	05-123-26910	GUTTERSEN D 09-09	GUTTERSE N D09-745	510	NOBLE ENERGY INC	08/25/2008	PR	565	465		6651	1170
41	x	05-123-27022	GUTTERSEN D 09-21	GUTTERSE N D09-750	553	NOBLE ENERGY INC	09/04/2008	PR	604	464		6686	1820
42	x	05-123-27023	GUTTERSEN D 09-22	GUTTERSE N D09-745	213	NOBLE ENERGY INC	08/20/2008	SI	572	469		6654	1300
43	x	05-123-27024	GUTTERSEN D 09-24	GUTTERSE N D09-750	528	NOBLE ENERGY INC	08/30/2008	PR	621	481		6661	1530
44	x	05-123-27102	GUTTERSEN D 04-21	GUTTERSE N D09-750	60	NOBLE ENERGY INC	09/09/2008	SI		602		6658	812
45	x	05-123-27103	GUTTERSEN D 04-18	GUTTERSE N D09-750	420	NOBLE ENERGY INC	09/15/2008	PR	604	440		6621	1750
46	x	05-123-27115	FRONT RANGE D 09-28	GUTTERSE N D09-750	413	NOBLE ENERGY INC	09/07/2008	SI	580	458		6658	1752
47		05-123-27306	KARCH D 4-17	GUTTERSE N D09-721	607	NOBLE ENERGY INC	10/28/2006	SI	496	602		6656	2228
48	x	05-123-29213	GUTTERSEN D 10-30D	GUTTERSE N D09-721	675	NOBLE ENERGY INC	07/26/2011	PR	699	455		6743	1385
49	x	05-123-30082	GITTLEIN D 04-24	GUTTERSE N D09-750	430	NOBLE ENERGY INC	10/19/2010	PR	685	467		6684	4218
50	x	05-123-30704	GUTTERSEN D 15-30	GUTTERSE N D09-745	1174	NOBLE ENERGY INC	05/09/2010	SI	599	516		6658	1972
51	x	05-123-30768	GUTTERSEN STATE D 15-31	GUTTERSE N D09-745	1387	NOBLE ENERGY INC	05/14/2010	PR	605	537		6704	1350
52	x	05-123-31043	GUTTERSEN STATE D 16-27	GUTTERSE N D09-745	674	NOBLE ENERGY INC	06/01/2010	PR		503		6673	1695
53	x	05-123-31172	Aloysius C 34-33D	GUTTERSE N D09-721	1281	NOBLE ENERGY INC	09/20/2010	PR	656	440		6734	2104
54	x	05-123-31404	GUTTERSEN D 16-28	GUTTERSE N D09-750	918	NOBLE ENERGY INC	10/14/2010	PR	645	510		6676	1785
55	x	05-123-31910	GUTTERSEN D 03-33D	GUTTERSE N D09-721	504	NOBLE ENERGY INC	06/01/2011	SI	533	602		6763	1930
56	x	05-123-32555	BECCA D 03-32D	GUTTERSE N D09-721	642	NOBLE ENERGY INC	06/02/2011	PR		602		6864	1407
57	x	05-123-32800	Burghart D 04-22	GUTTERSE N D09-745	565	NOBLE ENERGY INC	04/21/2011	SI	695	602		6656	1979
58	x	05-123-33746	Guttersen D09-27D	GUTTERSE N D09-745	195	NOBLE ENERGY INC	07/20/2011	PR	710	455		6796	1184
59	x	05-123-34094	GUTTERSEN D 04-69HN	GUTTERSE N D09-750	293	NOBLE ENERGY INC	05/27/2012	SI	751	454		6811	1796
60	x	05-123-38305	Marie D04-74-1HN	GUTTERSE N D09-745	0	NOBLE ENERGY INC	12/22/2013	PR	677	448		6682	570
61	x	05-123-38306	Marie D04-72-1HN	GUTTERSE N D09-745	0	NOBLE ENERGY INC	01/25/2014	PR		602		6880	566
62	x	05-123-38312	Marie D04-73-1HN	GUTTERSE N D09-745	0	NOBLE ENERGY INC	01/17/2014	PR		602		6924	622
63	x	05-123-48554	Guttersen State D22-780	GUTTERSE N D09-745	1355	NOBLE ENERGY INC	04/05/2019	PR	1921	440		7060	2943
64	x	05-123-48561	Vogler State D21-790	GUTTERSE N D09-745	736	NOBLE ENERGY INC	04/12/2019	PR		440		7153	3121
65	x	05-123-48562	Vogler State D21-750	GUTTERSE N D09-750	972	NOBLE ENERGY INC	03/23/2019	PR		440		7090	2827

66	x	05-123-48563	Vogler State D21 -720	GUTTERSE N D09-745	391	NOBLE ENERGY INC	04/13/2019	PR		440		6997	3394
67	x	05-123-48564	Vogler State D21 -731	GUTTERSE N D09-750	520	NOBLE ENERGY INC	03/22/2019	PR		440		7251	2250
68	x	05-123-48573	Vogler State D21 -740	GUTTERSE N D09-750	462	NOBLE ENERGY INC	03/22/2019	PR		440		7095	2665

Total Wells: 68

Meets Standard(STD): 28

Needs Evaluation: 40