

## 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		05-123-05138	HERBST 1	Guttersen C28-715		NOBLE ENERGY INC	12/26/1955	SI	255	440	x	6574	6136
2		05-123-07510	TWO E RANCHES 1	Guttersen C28-715		NOBLE ENERGY INC	07/30/1972	PR	156	440		6625	6400
3		05-123-11195	TWO E RANCH 1-4	Guttersen C28-725		PDC ENERGY INC	06/19/1983	SI	415	602		6610	6310
4		05-123-11310	HANSCOME, C 28-1	Guttersen C28-750		NOBLE ENERGY INC	10/01/1983	PR	445	446		6662	5802
5		05-123-11313	LEONARD 1	Guttersen C28-745		NOBLE ENERGY INC	09/17/1983	PA	411	440		6615	5635
6		05-123-11315	THOMPSON 1	Guttersen C28-715		NOBLE ENERGY INC	09/09/1983	PA	450	440		6624	5480
7		05-123-11829	THOMPSON 2	Guttersen C28-750		NOBLE ENERGY INC	07/22/1984	PA	434	460		6659	5946
8		05-123-11926	NIX 1	Guttersen C28-725		NOBLE ENERGY INC	08/30/1984	PR	433	440		6576	5690
9		05-123-12271	THOMPSON 4	Guttersen C28-735		NOBLE ENERGY INC	02/21/1985	PR	431	461		6688	5854
10		05-123-12347	NOVACEK 1	Guttersen C28-735		NOBLE ENERGY INC	05/04/1985	SI	425	440		6626	5686
11		05-123-13109	ALOYSIUS 34-1	Guttersen C28-715		NOBLE ENERGY INC	07/28/1986	PR	335	440		6624	6076
12		05-123-13153	LINDSAY 33-1	Guttersen C28-745		NOBLE ENERGY INC	09/07/1986	SI	307	473	x	6666	6014
13		05-123-13155	LINDSAY C 33-2	Guttersen C28-750		NOBLE ENERGY INC	09/09/1986	SI	305	440		6633	5950
14		05-123-13156	LINDSAY 33-3	Guttersen C28-750		NOBLE ENERGY INC	09/15/1986	SI	301	440		6633	5834
15		05-123-13157	LINDSAY 33-4	Guttersen C28-735		NOBLE ENERGY INC	09/13/1986	SI	330	440		6683	5879
16		05-123-13161	LINDSAY 33-8	Guttersen C28-745		NOBLE ENERGY INC	09/17/1986	SI	308	440		6651	5974
17		05-123-13165	LINDSAY 33-5	Guttersen C28-735		NOBLE ENERGY INC	09/22/1986	SI	334	440		6632	6072
18		05-123-13166	LINDSAY 33-6	Guttersen C28-750		NOBLE ENERGY INC	09/25/1986	SI	329	440		6634	5783
19		05-123-13167	LINDSAY 33-7	Guttersen C28-750		NOBLE ENERGY INC	09/20/1986	SI	308	440		6650	5820
20		05-123-13238	ALOYSIUS 34-7	Guttersen C28-715		NOBLE ENERGY INC	11/11/1986	PR	309	440		6637	5880
21		05-123-13616	LEHFELDT C27-04	Guttersen C28-715		NOBLE ENERGY INC	07/08/1992	SI	439	440		6572	6215
22		05-123-14700	LINDSAY C33-14	Guttersen C28-715		NOBLE ENERGY INC	08/26/1990	SI	304	440		6631	6160
23		05-123-14713	LINDSAY C33-15	Guttersen C28-715		NOBLE ENERGY INC	08/31/1990	SI	307	440		6608	6148
24		05-123-14722	LINDSAY C33-9	Guttersen C28-715		NOBLE ENERGY INC	09/05/1990	PR	319	440		6658	6034
25		05-123-14723	LINDSAY C33-16	Guttersen C28-715		NOBLE ENERGY INC	09/10/1990	SI	302	457	x	6647	6146
26		05-123-14752	ALOYSIOUS C34-8	Guttersen C28-715		NOBLE ENERGY INC	09/17/1990	PR	352	440		6609	6210
27		05-123-15122	MARIE D 4-3	Guttersen C28-750		NOBLE ENERGY INC	08/30/1991	SI	310	440		6623	5970
28		05-123-15429	LEHFELDT C 27 -5	Guttersen C28-715		NOBLE ENERGY INC	01/25/1992	SI	315	440		6599	6120
29		05-123-15431	LEHFELDT C 27 -12	Guttersen C28-715		NOBLE ENERGY INC	01/19/1992	SI	315	440		6597	6034
30		05-123-15432	LEHFELDT C 27 -13	Guttersen C28-715		NOBLE ENERGY INC	01/13/1992	PR	316	440		6607	6050
31		05-123-16137	KARCH BLUE D 4-02	Guttersen C28-745		NOBLE ENERGY INC	10/06/1992	SI	430	602		6650	6106
32		05-123-17411	THOMPSON 28-10	Guttersen C28-745		NOBLE ENERGY INC	10/06/1993	PR	549	452		6652	6130
33		05-123-17413	THOMPSON 28-14	Guttersen C28-750		NOBLE ENERGY INC	09/20/1993	PR	550	463		6668	6098

34		05-123-17414	THOMPSON 28-16	Guttersen C28-715		NOBLE ENERGY INC	09/20/1993	SI	542	452		6681	6070
35		05-123-17496	HANSCOME 28-6	Guttersen C28-750		NOBLE ENERGY INC	10/13/1993	SI	516	454		6673	6151
36		05-123-17863	LEONARD 21-1414	Guttersen C28-750		NOBLE ENERGY PRODUCTION INC	01/03/1994	PA	545	445		6657	6092
37		05-123-18072	NIX 28-814	Guttersen C28-715		NOBLE ENERGY INC	03/03/1994	PA	705	440		6625	4300
38		05-123-18408	HSR-GITTLEIN, D 4-3	Guttersen C28-715		NOBLE ENERGY INC	08/25/1994	PR	771	602		6626	5952
39		05-123-18509	LEONARD 21-1614	Guttersen C28-725		NOBLE ENERGY INC	09/01/1994	PR	504	440		6662	6202
40		05-123-21348	LEHFELDT C 27-25	Guttersen C28-715		NOBLE ENERGY INC	05/06/2007	PR	758	440		6591	1633
41		05-123-21609	LINDSAY C 33-23	Guttersen C28-735		NOBLE ENERGY INC	08/13/2003	SI	536	440		6645	6200
42		05-123-21726	LINDSAY C 33-19	Guttersen C28-750		NOBLE ENERGY INC	06/09/2005	PR	543	444		6652	4114
43		05-123-23011	LINDSAY C 33-25	Guttersen C28-750		NOBLE ENERGY INC	06/21/2005	SI	559	440		6637	3928
44		05-123-23739	THOMPSON C 28-25	Guttersen C28-750		NOBLE ENERGY INC	05/16/2006	SI	538	476		6664	5198
45		05-123-23745	NOVACEK C 28-7	Guttersen C28-735		NOBLE ENERGY INC	08/29/2006	SI	782	440		6631	2706
46		05-123-23796	LINDSAY C 33-17	Guttersen C28-735		NOBLE ENERGY INC	05/13/2006	SI	517	440		6628	3206
47		05-123-23888	LINDSAY C 33-18	Guttersen C28-750		NOBLE ENERGY INC	08/12/2006	SI	549	440		6749	3333
48		05-123-24624	HANSCOME C 28-19	Guttersen C28-750		NOBLE ENERGY INC	03/15/2007	SI	935	470		6681	1660
49		05-123-24639	HANSCOME C 28-18	Guttersen C28-750		NOBLE ENERGY INC	03/10/2007	PR	900	440		6632	5336
50	x	05-123-25436	HANSCOME C 28-21	Guttersen C28-750		NOBLE ENERGY INC	02/25/2008	SI	820	453		6671	2034
51		05-123-25952	LINDSAY C 33-20	Guttersen C28-750		NOBLE ENERGY INC	10/06/2007	SI	572	444		6699	1813
52		05-123-25953	LINDSAY C 33-24	Guttersen C28-750		NOBLE ENERGY INC	10/18/2007	SI	525	440		6622	2276
53		05-123-25969	LINDSAY C 33-22	Guttersen C28-725		NOBLE ENERGY INC	10/15/2007	SI	526	440		6649	1707
54		05-123-25975	LINDSAY C 33-21	Guttersen C28-750		NOBLE ENERGY INC	10/12/2007	SI	526	440		6695	1306
55		05-123-26188	LEONARD C 21-16	Guttersen C28-715		NOBLE ENERGY INC	09/26/2007	SI	786	440		6620	2186
56		05-123-26654	HANSCOME C 28-20	Guttersen C28-750		NOBLE ENERGY INC	12/30/2007	SI	810	472		6675	2160
57	x	05-123-27103	GUTTERSEN D 04-18	Guttersen C28-750		NOBLE ENERGY INC	09/15/2008	PR	604	440		6621	1750
58		05-123-27281	NOVACEK C 28-17	Guttersen C28-735		NOBLE ENERGY INC	09/24/2006	SI	808	440		6607	1624
59	x	05-123-28003	THOMPSON C 28-23	Guttersen C28-725		NOBLE ENERGY INC	11/12/2008	SI	616	452		6669	1709
60	x	05-123-29037	THOMPSON C 28-22	Guttersen C28-725		NOBLE ENERGY INC	11/16/2008	SI	830	440		6641	2222
61	x	05-123-29142	THOMPSON C 28-24	Guttersen C28-750		NOBLE ENERGY INC	11/07/2008	SI		470		6674	2028
62	x	05-123-29172	HANSCOME C 28-28D	Guttersen C28-750		NOBLE ENERGY INC	04/06/2009	PR	804	440		6649	1060
63	x	05-123-29209	HANSCOME C 28-29D	Guttersen C28-750		NOBLE ENERGY INC	04/02/2009	SI	804	440		6812	490
64	x	05-123-30280	HERBST C 27-30	Guttersen C28-715		NOBLE ENERGY INC	05/03/2009	SI	765	440		6594	550
65	x	05-123-31158	Aloysius C 34-31	Guttersen C28-715		NOBLE ENERGY INC	09/24/2010	PA	650	440		6639	1450
66	x	05-123-31168	Aloysius C 34-32D	Guttersen C28-715		NOBLE ENERGY INC	09/16/2010	PR	656	440		6789	2644
67	x	05-123-31172	Aloysius C 34-33D	Guttersen C28-715		NOBLE ENERGY INC	09/20/2010	PR	656	440		6734	2104
68	x	05-123-31217	Aloysius C 34-30D	Guttersen C28-715		NOBLE ENERGY INC	10/05/2010	SI	815	444		6723	850
69	x	05-123-32694	Aloysius C34-99HZ	Guttersen C28-715		NOBLE ENERGY INC	12/21/2010	PR	646	440		6757	1310

70	x	05-123-33415	STOCKLEY C22-79HN	Guttersen C28-715		NOBLE ENERGY INC	08/12/2011	PR	746	440		6893	56
71	x	05-123-33589	THOMPSON C33-69HN	Guttersen C28-725	0	NOBLE ENERGY INC	08/01/2011	PR		489		7025	1000
72	x	05-123-34094	GUTTERSEN D 04-69HN	Guttersen C28-735		NOBLE ENERGY INC	05/27/2012	SI	751	454		6811	1796
73	x	05-123-34562	NOVACEK C 28-27D	Guttersen C28-735		NOBLE ENERGY INC	02/10/2012	SI	904	440		6694	1920
74	x	05-123-35326	HERBST C27-31D	Guttersen C28-715		NOBLE ENERGY INC	04/30/2012	PR	838	440		7007	1961
75	x	05-123-35327	Herbst C27-32D	Guttersen C28-715		NOBLE ENERGY INC	04/26/2012	SI	820	440		6732	1576
76	x	05-123-35351	Herbst C27-33D	Guttersen C28-715		NOBLE ENERGY INC	04/21/2012	SI	822	440		6761	1308
77	x	05-123-38305	Marie D04-74-1HN	Guttersen C28-735		NOBLE ENERGY INC	12/22/2013	PR	677	448		6682	570
78	x	05-123-38306	Marie D04-72-1HN	Guttersen C28-715		NOBLE ENERGY INC	01/25/2014	PR		602		6880	566
79	x	05-123-38312	Marie D04-73-1HN	Guttersen C28-725		NOBLE ENERGY INC	01/17/2014	PR		602		6924	622

Total Wells: 79

Meets Standard(STD): 23

Needs Evaluation: 56