

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		05-123-11310	HANSCOME, C 28-1	Guttersen C28-765		NOBLE ENERGY INC	10/01/1983	PR	445	446		6662	5802
2		05-123-11313	LEONARD 1	Guttersen C28-755		NOBLE ENERGY INC	09/17/1983	PA	411	440		6615	5635
3		05-123-11828	KLEIN 1	Guttersen C28-785		NOBLE ENERGY INC	06/13/1984	PR	424	458		6668	6002
4		05-123-11829	THOMPSON 2	Guttersen C28-765		NOBLE ENERGY INC	07/22/1984	PA	434	460		6659	5946
5		05-123-11830	THOMPSON 3	Guttersen C28-785		NOBLE ENERGY INC	07/16/1984	PR	433	463		6667	5700
6		05-123-11925	HANSCOME, C 2	Guttersen C28-785		NOBLE ENERGY INC	07/29/1984	SI	434	496		6716	5830
7		05-123-12271	THOMPSON 4	Guttersen C28-755		NOBLE ENERGY INC	02/21/1985	PR	431	461		6688	5854
8		05-123-12347	NOVACEK 1	Guttersen C28-755		NOBLE ENERGY INC	05/04/1985	SI	425	440		6626	5686
9		05-123-12458	CPC-JOHNSON 29-1	Guttersen C28-785		NOBLE ENERGY INC	06/01/1985	SI	306	475	x	6711	6410
10		05-123-13111	MARIE D 4-4	Guttersen C28-785		NOBLE ENERGY INC	08/07/1986	SI	307	440	x	6699	6080
11		05-123-13153	LINDSAY 33-1	Guttersen C28-755		NOBLE ENERGY INC	09/07/1986	SI	307	473	x	6666	6014
12		05-123-13155	LINDSAY C 33-2	Guttersen C28-755		NOBLE ENERGY INC	09/09/1986	SI	305	440		6633	5950
13		05-123-13156	LINDSAY 33-3	Guttersen C28-765		NOBLE ENERGY INC	09/15/1986	SI	301	440		6633	5834
14		05-123-13157	LINDSAY 33-4	Guttersen C28-755		NOBLE ENERGY INC	09/13/1986	SI	330	440		6683	5879
15		05-123-13161	LINDSAY 33-8	Guttersen C28-755		NOBLE ENERGY INC	09/17/1986	SI	308	440		6651	5974
16		05-123-13165	LINDSAY 33-5	Guttersen C28-755		NOBLE ENERGY INC	09/22/1986	SI	334	440		6632	6072
17		05-123-13166	LINDSAY 33-6	Guttersen C28-765		NOBLE ENERGY INC	09/25/1986	SI	329	440		6634	5783
18		05-123-13167	LINDSAY 33-7	Guttersen C28-765		NOBLE ENERGY INC	09/20/1986	SI	308	440		6650	5820
19		05-123-13235	BALBOA 20-1	Guttersen C28-785		NOBLE ENERGY INC	11/05/1986	SI	344	453		6670	5912
20		05-123-13359	VICTOR C 29-9	Guttersen C28-785		NOBLE ENERGY INC	02/17/1987	SI	310	492		6718	6160
21		05-123-13360	VICTOR C29-16	Guttersen C28-785		NOBLE ENERGY INC	02/22/1987	SI	319	493		6731	6232
22		05-123-14213	JOHNSON PM C 29-8	Guttersen C28-785		NOBLE ENERGY INC	06/11/1989	SI	310	501		6702	6320
23		05-123-14698	LINDSAY C33-10	Guttersen C28-785		NOBLE ENERGY INC	08/25/1990	SI	304	452		6659	6228
24		05-123-14699	LINDSAY C33-11	Guttersen C28-785		NOBLE ENERGY INC	08/31/1990	PA	334	446		6695	6300
25		05-123-14711	LINDSAY C33-12	Guttersen C28-785		NOBLE ENERGY INC	09/05/1990	PA	305	440		6718	6252
26		05-123-14712	LINDSAY C33-13	Guttersen C28-785		NOBLE ENERGY INC	09/11/1990	SI	328	441	x	6692	3543
27		05-123-14878	PTF C 32-1	Guttersen C28-785		NOBLE ENERGY INC	01/09/1991	SI	352	471		6753	3790
28		05-123-14879	PTF C 32-8	Guttersen C28-785		NOBLE ENERGY INC	01/15/1991	SI	340	458		6686	3800
29		05-123-14880	PTF C 32-16	Guttersen C28-785		NOBLE ENERGY INC	01/19/1991	SI	351	465	x	6686	3690
30		05-123-14892	PTF C 32-9	Guttersen C28-785		NOBLE ENERGY INC	01/28/1991	SI	339	459		6680	6248
31		05-123-15122	MARIE D 4-3	Guttersen C28-755		NOBLE ENERGY INC	08/30/1991	SI	310	440		6623	5970
32		05-123-16137	KARCH BLUE D 4-02	Guttersen C28-755		NOBLE ENERGY INC	10/06/1992	SI	430	602		6650	6106
33	x	05-123-16974	BECKER 5-10	Guttersen C28-785		PDC ENERGY INC	05/24/1993	PA	534			6736	3800

34		05-123-17411	THOMPSON 28-10	Guttersen C28-755		NOBLE ENERGY INC	10/06/1993	PR	549	452		6652	6130
35		05-123-17412	THOMPSON 28-12	Guttersen C28-785		NOBLE ENERGY INC	09/18/1993	PR	552	489		6683	6172
36		05-123-17413	THOMPSON 28-14	Guttersen C28-765		NOBLE ENERGY INC	09/20/1993	PR	550	463		6668	6098
37		05-123-17496	HANSCOME 28-6	Guttersen C28-765		NOBLE ENERGY INC	10/13/1993	SI	516	454		6673	6151
38		05-123-17502	HANSCOME 28-4	Guttersen C28-785		NOBLE ENERGY INC	10/21/1993	SI	548	492		6692	6169
39		05-123-17863	LEONARD 21-1414	Guttersen C28-765		NOBLE ENERGY PRODUCTION INC	01/03/1994	PA	545	445		6657	6092
40		05-123-21726	LINDSAY C 33-19	Guttersen C28-770		NOBLE ENERGY INC	06/09/2005	PR	543	444		6652	4114
41		05-123-22512	MARIE D 4-19	Guttersen C28-765		NOBLE ENERGY INC	10/30/2004	PR	540	449		6634	3360
42		05-123-23011	LINDSAY C 33-25	Guttersen C28-770		NOBLE ENERGY INC	06/21/2005	SI	559	440		6637	3928
43		05-123-23402	JULIE C 21-25	Guttersen C28-770		NOBLE ENERGY INC	01/04/2006	PR	785	457		6666	3937
44		05-123-23739	THOMPSON C 28-25	Guttersen C28-770		NOBLE ENERGY INC	05/16/2006	SI	538	476		6664	5198
45		05-123-23745	NOVACEK C 28-7	Guttersen C28-755		NOBLE ENERGY INC	08/29/2006	SI	782	440		6631	2706
46		05-123-23796	LINDSAY C 33-17	Guttersen C28-755		NOBLE ENERGY INC	05/13/2006	SI	517	440		6628	3206
47		05-123-23888	LINDSAY C 33-18	Guttersen C28-755		NOBLE ENERGY INC	08/12/2006	SI	549	440		6749	3333
48		05-123-24624	HANSCOME C 28-19	Guttersen C28-770		NOBLE ENERGY INC	03/15/2007	SI	935	470		6681	1660
49		05-123-24639	HANSCOME C 28-18	Guttersen C28-755		NOBLE ENERGY INC	03/10/2007	PR	900	440		6632	5336
50	x	05-123-25436	HANSCOME C 28-21	Guttersen C28-755		NOBLE ENERGY INC	02/25/2008	SI	820	453		6671	2034
51		05-123-25952	LINDSAY C 33-20	Guttersen C28-770		NOBLE ENERGY INC	10/06/2007	SI	572	444		6699	1813
52		05-123-25953	LINDSAY C 33-24	Guttersen C28-755		NOBLE ENERGY INC	10/18/2007	SI	525	440		6622	2276
53		05-123-25975	LINDSAY C 33-21	Guttersen C28-755		NOBLE ENERGY INC	10/12/2007	SI	526	440		6695	1306
54		05-123-26654	HANSCOME C 28-20	Guttersen C28-770		NOBLE ENERGY INC	12/30/2007	SI	810	472		6675	2160
55	x	05-123-27103	GUTTERSEN D 04-18	Guttersen C28-755		NOBLE ENERGY INC	09/15/2008	PR	604	440		6621	1750
56		05-123-27281	NOVACEK C 28-17	Guttersen C28-755		NOBLE ENERGY INC	09/24/2006	SI	808	440		6607	1624
57	x	05-123-29142	THOMPSON C 28-24	Guttersen C28-755		NOBLE ENERGY INC	11/07/2008	SI		470		6674	2028
58	x	05-123-29172	HANSCOME C 28-28D	Guttersen C28-755		NOBLE ENERGY INC	04/06/2009	PR	804	440		6649	1060
59	x	05-123-29204	HANSCOME C 28-30D	Guttersen C28-785		NOBLE ENERGY INC	04/13/2009	SI	811	459		6844	1950
60	x	05-123-29209	HANSCOME C 28-29D	Guttersen C28-770		NOBLE ENERGY INC	04/02/2009	SI	804	440		6812	490
61	x	05-123-33467	THOMPSON C33-30D	Guttersen C28-785		NOBLE ENERGY INC	07/16/2011	PR	882	489		6786	1662
62	x	05-123-33584	THOMPSON C28-79HN	Guttersen C28-785		NOBLE ENERGY INC	07/21/2011	PR		490		7016	1000
63	x	05-123-33589	THOMPSON C33-69HN	Guttersen C28-755	0	NOBLE ENERGY INC	08/01/2011	PR		489		7025	1000
64	x	05-123-33985	GUTTERSEN D 04-30D	Guttersen C28-785		NOBLE ENERGY INC	05/23/2012	SI	734	454		6752	1830
65	x	05-123-33987	GUTTERSEN D 04-31D	Guttersen C28-785		NOBLE ENERGY INC	05/16/2012	SI	740	454		6887	940
66	x	05-123-34094	GUTTERSEN D 04-69HN	Guttersen C28-765		NOBLE ENERGY INC	05/27/2012	SI	751	454		6811	1796
67	x	05-123-34334	HANSCOME C 21-79HN	Guttersen C28-785		NOBLE ENERGY INC	10/08/2011	PR		475		7082	2001
68	x	05-123-34505	GUTTERSEN C 33-33D	Guttersen C28-785		NOBLE ENERGY INC	10/23/2011	PR	671	458		6863	1906
69	x	05-123-34506	GUTTERSEN C 33-31D	Guttersen C28-785		NOBLE ENERGY INC	10/31/2011	PR		459		6914	1734

70	x	05-123-34507	GUTTERSEN C 33-32	Guttersen C28-785		NOBLE ENERGY INC	11/03/2011	PR	663	459		6700	1288
71	x	05-123-38305	Marie D04-74-1HN	Guttersen C28-755		NOBLE ENERGY INC	12/22/2013	PR	677	448		6682	570
72	x	05-123-39028	Becker Ranch 5U-443	Guttersen C28-785		PDC ENERGY INC	05/26/2015	PR		440			
73	x	05-123-39029	Becker Ranch 5R-203	Guttersen C28-785		PDC ENERGY INC	05/03/2015	SI		440			
74	x	05-123-39030	Becker Ranch 5U-303	Guttersen C28-785		PDC ENERGY INC	06/02/2015	PR		440			
75	x	05-123-39031	Becker Ranch 5R-323	Guttersen C28-785		PDC ENERGY INC	05/13/2015	PR		440			
76	x	05-123-40117	Becker Ranch 5U-243	Guttersen C28-785		PDC ENERGY INC	05/19/2015	PR		440			

Total Wells: 76

Meets Standard(STD): 23

Needs Evaluation: 53