

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		05-123-07581	SPIKE STATE GWS D 16-7J	VOGLER STATE D21-731		NOBLE ENERGY INC	11/07/1972	PR	341	532		6713	6946
2		05-123-07642	SPIKE STATE GWS D 16-13J	VOGLER STATE D21-750		NOBLE ENERGY INC	01/25/1973	PR	363	540		6720	6650
3		05-123-12186	TWO E RANCH 1-21C	VOGLER STATE D21-731		PDC ENERGY INC	12/23/1984	SI	433			6712	0
4		05-123-15833	GUTTERSEN 9-15	VOGLER STATE D21-740		NOBLE ENERGY INC	06/11/1992	PR	458	477		6659	6097
5		05-123-15904	SPIKE ST GWS D 16-01	VOGLER STATE D21-731		NOBLE ENERGY INC	07/24/1992	SI	350	524		6666	6174
6		05-123-15905	SPIKE ST GWS D 16-02	VOGLER STATE D21-740		NOBLE ENERGY INC	07/15/1992	PA	354	507		6688	6180
7		05-123-15906	SPIKE ST GWS D 16-03	VOGLER STATE D21-750		NOBLE ENERGY INC	07/06/1992	PR	351	492		6685	5990
8		05-123-15909	SPIKE ST GWS D 16-06	VOGLER STATE D21-750		NOBLE ENERGY INC	07/10/1992	PR	376	508		6669	5946
9		05-123-15910	SPIKE ST GWS D 16-08	VOGLER STATE D21-731		NOBLE ENERGY INC	07/21/1992	PR	387	553		6720	6064
10		05-123-15911	SPIKE STATE D 16-9	VOGLER STATE D21-731		NOBLE ENERGY INC	07/28/1992	SI	350	546		6692	6292
11		05-123-15912	SPIKE STATE D 16-10	VOGLER STATE D21-740		NOBLE ENERGY INC	07/28/1992	SI	365	540		6693	5984
12		05-123-15913	SPIKE STATE D 16-11	VOGLER STATE D21-750		NOBLE ENERGY INC	07/14/1992	SI	350	534		6701	6256
13		05-123-15915	SPIKE ST GWS D 16-14	VOGLER STATE D21-750		NOBLE ENERGY INC	07/20/1992	SI	351	567		6697	6264
14		05-123-15916	SPIKE ST GWS D 16-15	VOGLER STATE D21-740		NOBLE ENERGY INC	08/04/1992	PA	380	573		6719	6170
15		05-123-15917	SPIKE ST GWS D 16-16	VOGLER STATE D21-731		NOBLE ENERGY INC	08/01/1992	SI	350	565		6683	3784
16		05-123-15987	SPIKE ST. GWS D 28-03	VOGLER STATE D21-750		NOBLE ENERGY INC	08/10/1992	PA	551	605		6694	5932
17		05-123-16949	ART RED D 9-14	VOGLER STATE D21-750		NOBLE ENERGY INC	05/03/1993	PR	490	483		6680	5860
18		05-123-16950	ART RED D 9-16	VOGLER STATE D21-731		NOBLE ENERGY INC	05/20/1993	PR	496	500		6661	5964
19		05-123-16955	CASEY BLUE D21-11	VOGLER STATE D21-750		NOBLE ENERGY INC	05/06/1993	PR	667	614		6741	6003
20		05-123-16964	CASEY BLUE D 21-14	VOGLER STATE D21-750		NOBLE ENERGY INC	05/01/1993	PR	658	621		6738	5900
21		05-123-17185	O'SH D 28-1	VOGLER STATE D21-740		NOBLE ENERGY INC	07/18/1993	SI	683	648		6734	6152
22		05-123-17186	O'SH D 28-2	VOGLER STATE D21-740		NOBLE ENERGY INC	08/08/1993	SI	667	638		6731	6450
23		05-123-18198	HSR-GUTTERSEN 6-21	VOGLER STATE D21-750		NOBLE ENERGY INC	05/03/1994	SI	746	597		6728	6178

24		05-123-18199	HSR-GUTTERSEN 3-21	VOGLER STATE D21-750		NOBLE ENERGY INC	04/29/1994	SI	742	593		6734	6020
25		05-123-19913	GUTTERSEN 21-31	VOGLER STATE D21-740		PDC ENERGY INC	02/21/2000	SI	660			6672	3510
26		05-123-19915	GUTTERSEN 21-42	VOGLER STATE D21-731		PDC ENERGY INC	02/17/2000	SI	701			6685	4110
27		05-123-20803	GUTTERSEN 41-21	VOGLER STATE D21-731		NOBLE ENERGY INC	06/09/2005	PR	662	599		6700	3100
28		05-123-22886	GUTTERSEN 18-21	VOGLER STATE D21-750		NOBLE ENERGY INC	04/19/2005	SI	813	602		6744	3942
29		05-123-23002	GUTTERSEN 32-21	VOGLER STATE D21-740		NOBLE ENERGY INC	06/21/2005	PR	663	615		6718	6342
30		05-123-23048	DIGGIN STATE D 16-19J	VOGLER STATE D21-750		NOBLE ENERGY INC	07/04/2005	PR	611	489		6722	6264
31		05-123-23714	DIGGIN STATE D 16-23	VOGLER STATE D21-731		NOBLE ENERGY INC	05/11/2006	SI	623	560		6704	6024
32		05-123-23715	Diggin State D 16-07	VOGLER STATE D21-740		NOBLE ENERGY INC	05/06/2006	SI	582	535		6679	6000
33	x	05-123-25887	FRONT RANGE D 16-29	VOGLER STATE D21-750		NOBLE ENERGY INC	06/09/2008	SI	566	483		6677	1880
34	x	05-123-26280	GUTTERSEN 34-21	VOGLER STATE D21-740		PDC ENERGY INC	04/06/2008	SI	713	400		6736	1350
35	x	05-123-26288	GUTTERSEN 43-21	VOGLER STATE D21-731		PDC ENERGY INC	03/28/2008	SI	722	400		6716	6326
36	x	05-123-26289	GUTTERSEN 33-21	VOGLER STATE D21-740		PDC ENERGY INC	04/01/2008	SI	698	400		6724	1300
37	x	05-123-29243	GUTTERSEN STATE D 16-24	VOGLER STATE D21-750		NOBLE ENERGY INC	04/29/2009	SI		566		6715	1616
38	x	05-123-29244	GUTTERSEN STATE D 16-15X	VOGLER STATE D21-740		NOBLE ENERGY INC	04/24/2009	PR		580		6743	1050
39	x	05-123-29445	GUTTERSEN STATE D 16-20	VOGLER STATE D21-750		NOBLE ENERGY INC	04/20/2009	PA		523		6712	1318
40	x	05-123-30687	GUTTERSEN STATE D 16-22D	VOGLER STATE D21-731		NOBLE ENERGY INC	04/09/2010	SI	669	543		6787	2184
41	x	05-123-30690	GUTTERSEN STATE D 15-32	VOGLER STATE D21-731		NOBLE ENERGY INC	05/06/2010	SI	634	563		6712	590
42	x	05-123-30750	GUTTERSEN STATE D 15-33	VOGLER STATE D21-731		NOBLE ENERGY INC	05/18/2010	SI	643	561		6707	2070
43	x	05-123-30768	GUTTERSEN STATE D 15-31	VOGLER STATE D21-731		NOBLE ENERGY INC	05/14/2010	PR	605	537		6704	1350
44	x	05-123-30848	GUTTERSEN STATE D 16-21	VOGLER STATE D21-750		NOBLE ENERGY INC	05/29/2010	SI		531		6691	1857
45	x	05-123-30881	GUTTERSEN STATE D 16-18	VOGLER STATE D21-750		NOBLE ENERGY INC	05/25/2010	SI		506		6686	2190
46	x	05-123-31043	GUTTERSEN STATE D 16-27	VOGLER STATE D21-731		NOBLE ENERGY INC	06/01/2010	PR		503		6673	1695
47	x	05-123-31404	GUTTERSEN D 16-28	VOGLER STATE D21-750		NOBLE ENERGY INC	10/14/2010	PR	645	488		6676	1785
48	x	05-123-32821	SPIKE STATE D 16-99HZ	VOGLER STATE D21-731	0	NOBLE ENERGY INC	04/01/2011	PR		571		6933	950
49	x	05-123-34385	GUTTERSEN D STATE 28-29D	VOGLER STATE D21-750		NOBLE ENERGY INC	10/06/2011	PR	685	602		6813	1853
50	x	05-123-34835	GUTTERSEN STATE USX D22-30D	VOGLER STATE D21-731	1329	NOBLE ENERGY INC	04/05/2012	PR		594		7019	1600

51	x	05-123-34836	GUTTERSEN STATE USX D21- 27D	VOGLER STATE D21- 731		NOBLE ENERGY INC	04/01/2012	PR		595		6865	1810
52	x	05-123-34844	GUTTERSEN USX D21-17	VOGLER STATE D21- 731		NOBLE ENERGY INC	03/28/2012	PR		596		6736	2424
53	x	05-123-34850	GUTTERSEN STATE USX D21- 28D	VOGLER STATE D21- 750	82	NOBLE ENERGY INC	03/23/2012	PR		595		7083	1746
54	x	05-123-35120	GUTTERSEN STATE D28-18D	VOGLER STATE D21- 750		NOBLE ENERGY INC	04/24/2012	PR	785	609		6788	2430
55	x	05-123-35121	GUTTERSEN STATE D28-28D	VOGLER STATE D21- 750		NOBLE ENERGY INC	04/28/2012	PR	784	608		6794	2290
56	x	05-123-35204	GUTTERSEN STATE D16-63- 1HN	VOGLER STATE D21- 731	0	NOBLE ENERGY INC	07/09/2012	PR		561		6798	1000
57	x	05-123-35205	GUTTERSEN USX D 21-21D	VOGLER STATE D21- 750		NOBLE ENERGY INC	07/12/2012	PR	786	628		6956	970
58	x	05-123-35206	GUTTERSEN USX D 21-33D	VOGLER STATE D21- 750		NOBLE ENERGY INC	06/27/2012	PR		629		7070	1959
59	x	05-123-35208	GUTTERSEN USX D 21-24D	VOGLER STATE D21- 750		NOBLE ENERGY INC	07/19/2012	PR	787	628		6830	950
60	x	05-123-35209	GUTTERSEN STATE D16-65- 1HN	VOGLER STATE D21- 731	0	NOBLE ENERGY INC	07/22/2012	PR		562		6817	1212
61	x	05-123-35211	GUTTERSEN USX D 21-20D	VOGLER STATE D21- 750		NOBLE ENERGY INC	07/07/2012	PR	786	628		6902	2143
62	x	05-123-35212	GUTTERSEN D 21-32D	VOGLER STATE D21- 750		NOBLE ENERGY INC	06/22/2012	PR	790	629		7130	1055
63	x	05-123-35213	GUTTERSEN USX D 21-25	VOGLER STATE D21- 750		NOBLE ENERGY INC	07/02/2012	PR	784	629		6753	2111

Total Wells: 63

Meets Standard(STD): 31

Needs Evaluation: 32