

## 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	05-123-34534	GUTTERSEN D 23-69HN	Guttersen D23-721	0	NOBLE ENERGY INC	06/10/2012	PR		594		6644	1272
2		05-123-16248	DALBEY D 14-1	Guttersen D23-721		NOBLE ENERGY INC	09/26/1992	SI	560	523		6596	6124
3	x	05-123-28038	GUTTERSEN USX D 23-17	Guttersen State D23-731		NOBLE ENERGY INC	06/18/2009	PR	775	615		6650	500
4		05-123-23003	GUTTERSEN 31-23	Guttersen State D23-741		NOBLE ENERGY INC	06/28/2005	PR	667	630		6701	3070
5		05-123-20019	GUTTERSEN 23-41	Guttersen D23-721		PDC ENERGY INC	08/13/2000	SI	640	567		6576	3411
6		05-123-20804	GUTTERSEN 42-23	Guttersen D23-721		NOBLE ENERGY INC	06/23/2005	PR	680	616		6627	3010
7		05-123-15646	DALBEY D 14-7	Guttersen State D23-741		NOBLE ENERGY INC	05/14/1992	SI	524	523		6580	6339
8		05-123-16208	DALBEY D 14-8	Guttersen D23-721		NOBLE ENERGY INC	09/21/1992	SI	560	524		6580	6250
9	x	05-123-28199	GUTTERSEN STATE D 14-23	Guttersen State D23-731		NOBLE ENERGY INC	05/31/2009	SI		559		6713	1063
10		05-123-16015	SPIKE STATE GWS D 14-10	Guttersen State D23-741		NOBLE ENERGY INC	08/17/1992	SI	564	551		6625	6270
11	x	05-123-32245	Heyde 26RD	Guttersen State D23-731		PDC ENERGY INC	09/02/2011	PR	726	74		6698	0
12		05-123-16035	SPIKE STATE GWS D 14-15	Guttersen State D23-741		NOBLE ENERGY INC	08/23/1992	SI	549	583		6735	5990
13		05-123-25091	SPIKE D 14-16	Guttersen D23-721		NOBLE ENERGY INC	08/17/2007	SI	703	570		6647	2845
14		05-123-25088	SPIKE D 14-9	Guttersen D23-721		NOBLE ENERGY INC	08/22/2007	SI	688	538		6651	2990
15		05-123-11335	TWO E RANCH 1-23	Guttersen D23-721		PDC ENERGY INC	01/28/1984	SI	414			6617	6270
16		05-123-17005	PARKER BLUE D 23-15	Guttersen State D23-741		NOBLE ENERGY INC	06/11/1993	SI	652	640		6638	5972
17		05-123-19914	GUTTERSEN 23-32	Guttersen State D23-741		PDC ENERGY INC	02/26/2000	SI	697			6612	4173
18		05-123-17002	PARKER BLUE D 23-10	Guttersen State D23-731		NOBLE ENERGY INC	05/29/1993	SI	682	627		6625	5950
19		05-123-17018	PARKER BLUE D 23-09	Guttersen D23-711		NOBLE ENERGY INC	06/05/1993	SI	679	603		6596	5894
20		05-123-15702	DALBEY D 14-2	Guttersen State D23-731		NOBLE ENERGY INC	04/22/1992	PR	525	514		6603	6242
21	x	05-123-31825	Guttersen 25E	Guttersen D23-711		PDC ENERGY INC	10/03/2010	PR	738	620		6609	0
22	x	05-123-26312	GUTTERSEN 12-13	Guttersen D23-711		PDC ENERGY INC	05/17/2008	SI	688	620		6556	876
23	x	05-123-30200	GUTTERSEN STATE D 14-24	Guttersen State D23-741		NOBLE ENERGY INC	05/23/2009	PR		581		6675	1100
24		05-123-26063	HEYDE 41-26	Guttersen D23-721		PDC ENERGY INC	08/14/2007	PR	743	74		6608	6100
25		05-123-16506	DALBEY D 13-13	Guttersen D23-711		NOBLE ENERGY INC	07/11/1993	PR	516	620		6564	6086
26	x	05-123-26445	GUTTERSEN 12-24	Guttersen D23-711		PDC ENERGY INC	05/09/2008	PR	689	620		6584	572
27	x	05-123-26446	GUTTERSEN 11-24	Guttersen D23-711		PDC ENERGY INC	05/18/2008	PR	677	620		6564	0
28		05-123-16170	KARCH BLUE D 24-12	Guttersen D23-711		NOBLE ENERGY INC	09/28/1992	PA	584	620		6597	6098

29		05-123-15797	DUNCAN D 11-15	Guttersen State D23-741		NOBLE ENERGY INC	06/02/1992	PR	558	503		6612	6124
30	x	05-123-26350	GUTTERSEN 44-11	Guttersen D23-721		PDC ENERGY INC	04/12/2008	SI	712	74		6613	710
31		05-123-26138	HEYDE 31-26	Guttersen State D23-741		PDC ENERGY INC	08/20/2007	PR	750	74		6642	6145
32		05-123-13432	L.F. RANCH 13-4	Guttersen D23-711		PDC ENERGY INC	04/04/1987	TA	301	620		6582	0
33		05-123-11016	L. F. RANCH 1-24	Guttersen D23-711		PDC ENERGY INC	01/18/1983	SI	379	620		6592	6200
34		05-123-15781	DALBEY D 13-12	Guttersen D23-711		NOBLE ENERGY INC	05/26/1992	PR	554	620		6556	6176
35		05-123-17003	PARKER BLUE D 23-11	Guttersen State D23-741		NOBLE ENERGY INC	05/04/1993	SI	652	644		6690	3970
36	x	05-123-32246	Heyde 26VD	Guttersen D23-711		PDC ENERGY INC	08/28/2011	PR	716	74		6901	0
37		05-123-16032	SPIKE STATE GWS D 14-11	Guttersen State D23-741		NOBLE ENERGY INC	08/09/1992	PR	564	578		6669	6026
38		05-123-11336	HEYDE 1-26	Guttersen D23-721		PDC ENERGY INC	09/21/1983	PR	433			6619	0
39		05-123-16034	SPIKE STATE GWS D 14-14	Guttersen State D23-741		NOBLE ENERGY INC	08/06/1992	SI	559	598		6680	5862
40	x	05-123-29430	Guttersen 11-25	Guttersen D23-711		PDC ENERGY INC	09/13/2010	PR	720	620		6588	0
41	x	05-123-32243	Heyde 26ND	Guttersen State D23-741		PDC ENERGY INC	09/13/2011	PR	724	276		6805	0
42		05-123-17482	DALBEY D 14-3	Guttersen State D23-741		NOBLE ENERGY INC	10/12/1993	SI	580	523		6618	6048
43		05-123-17004	PARKER BLUE D 23-14	Guttersen State D23-741		NOBLE ENERGY INC	05/08/1993	PA	651	649		6675	6030
44		05-123-16961	PARKER RED D 23-3	Guttersen State D23-741		NOBLE ENERGY INC	05/03/1993	PR	652	609		6667	5500
45		05-123-15644	DALBEY D 14-6	Guttersen State D23-741		NOBLE ENERGY INC	03/07/1992	SI	597	547		6642	5870
46	x	05-123-26458	GUTTERSEN 24A	Guttersen D23-711		PDC ENERGY INC	05/13/2008	PR	701	620		6566	1026
47		05-123-25207	WASTE MANAGEMENT 21-26	Guttersen State D23-741		PDC ENERGY INC	06/30/2007	SI	720	276		6678	6430
48	x	05-123-31806	Guttersen 24J	Guttersen D23-711		PDC ENERGY INC	08/25/2010	PR	676	620		6552	0

Total Wells: 48

Meets Standard(STD): 15

Needs Evaluation: 33