

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		05-123-13742	BECKER 5-2	Becker D17-750		PDC ENERGY INC	12/14/1987	PA	328			6756	6490
2	x	05-123-13838	BECKER 5-5	Becker D17-725		PDC ENERGY INC	07/26/1994	PA	538	440		6654	3465
3		05-123-14492	RUBY RED D #8-1D	Becker D17-725		NOBLE ENERGY INC	12/01/1989	PA	528	440		6717	6070
4		05-123-15142	MARIE D 4-13	Becker D17-715		NOBLE ENERGY INC	09/19/1991	PR	303	445	x	6647	6020
5		05-123-15834	GITTLEIN-UPRC 9-12	Becker D17-715		NOBLE ENERGY INC	06/04/1992	PA	465	510		6673	6126
6		05-123-15907	SPIKE ST GWS D 16-04	Becker D17-715		NOBLE ENERGY INC	07/05/1992	SI	353	510		6717	6156
7		05-123-15908	SPIKE ST GWS D 16-05	Becker D17-715		NOBLE ENERGY INC	07/10/1992	PA	352	513		6710	6225
8		05-123-15914	SPIKE ST GWS D 16-12	Becker D17-715		NOBLE ENERGY INC	07/14/1992	PA	389	538		6710	6100
9		05-123-16284	ART RED D 9-3J	Becker D17-715		NOBLE ENERGY INC	11/10/1992	PA	457	510		6703	3150
10		05-123-16312	LDS WHITE D 17-1	Becker D17-715		NOBLE ENERGY INC	10/30/1992	PA	519	491		6671	6070
11		05-123-16313	LDS WHITE D 17-2	Becker D17-745		NOBLE ENERGY INC	10/26/1992	PR	523	510		6680	5870
12		05-123-16314	LDS WHITE D 17-8	Becker D17-725		NOBLE ENERGY INC	11/05/1992	PR	517	510		6685	6100
13		05-123-16885	RUBY RED D 8-2	Becker D17-745		NOBLE ENERGY INC	03/30/1993	PA	547	421		6670	5900
14		05-123-16886	RUBY RED D 8-7	Becker D17-745		NOBLE ENERGY INC	03/30/1993	PA	535	444		6678	6070
15		05-123-16887	RUBY RED D 8-8	Becker D17-715		NOBLE ENERGY INC	04/10/1993	PA	542	450		6684	6065
16		05-123-17437	LDS RED D 17-11	Becker D17-750		NOBLE ENERGY INC	10/14/1993	SI	632	525		6742	6180
17		05-123-18001	HSR TIM GITTLEIN 4-9	Becker D17-715		NOBLE ENERGY INC	02/25/1994	SI	522	510		6680	6156
18		05-123-18002	HSR TIM GITTLEIN 5-9	Becker D17-715		NOBLE ENERGY INC	03/02/1994	SI	554	510		6684	5980
19		05-123-18098	HSR-WEEKS 9-17	Becker D17-725		NOBLE ENERGY INC	04/08/1994	PR	573	522		6693	5980
20		05-123-18099	HSR-WEEKS 10-17	Becker D17-745		NOBLE ENERGY INC	04/12/1994	SI	715	520		6698	6080
21		05-123-18182	BECKER 5-15	Becker D17-745		PDC ENERGY INC	07/07/1994	PA	516			6686	3650
22	x	05-123-18410	HSR-LDS 3-8	Becker D17-750		NOBLE ENERGY INC	07/30/1994	SI	762	510		6744	6150
23		05-123-18413	HSR-LDS 9-8	Becker D17-715		NOBLE ENERGY INC	07/28/1994	SI	770	459		6696	5890
24		05-123-18414	HSR-LDS 14-8	Becker D17-750		NOBLE ENERGY INC	09/11/1994	SI	763	510		6707	5388
25		05-123-18415	HSR-LDS 15-8	Becker D17-745		NOBLE ENERGY INC	09/19/1994	SI	773	477		6704	5090
26		05-123-18416	HSR-LDS 16-8	Becker D17-715		NOBLE ENERGY INC	08/01/1994	SI	766	475		6685	5936
27		05-123-18435	HSR-LDS 6-8	Becker D17-750		NOBLE ENERGY INC	08/04/1994	SI	755	510		6709	6272
28		05-123-18436	HSR-LDS A 11-8	Becker D17-750		NOBLE ENERGY INC	09/06/1994	SI	788	510		6688	5980
29		05-123-18437	HSR-LDS A 10-8	Becker D17-735		NOBLE ENERGY INC	09/14/1994	SI	764	464		6695	5940
30		05-123-18507	HSR-LDS 3-17	Becker D17-750		NOBLE ENERGY INC	10/18/1994	SI	808	510		6726	5820
31		05-123-18508	HSR-LDS 6-17	Becker D17-750		NOBLE ENERGY INC	10/23/1994	SI	822	510		6731	5930
32		05-123-19017	LDS D 17-7	Becker D17-745		NOBLE ENERGY INC	12/04/1995	PR	546	510		6743	3110
33		05-123-21605	LDS 20-8	Becker D17-730		NOBLE ENERGY INC	08/12/2003	SI	797	470		6708	6216

34		05-123-21720	LDS 18-17	Becker D17-750		NOBLE ENERGY INC	10/22/2003	SI	677	509		6718	3600
35		05-123-21725	LDS 18-8	Becker D17-750		NOBLE ENERGY INC	10/29/2003	SI	765	472		6726	3660
36		05-123-21758	GITTLEIN 18-9	Becker D17-715		NOBLE ENERGY INC	11/04/2003	PR	626	550		6697	4666
37	x	05-123-26788	FRONT RANGE D 16-30	Becker D17-715		NOBLE ENERGY INC	07/06/2008	SI	568	510		6678	1610
38	x	05-123-26826	FRONT RANGE D 09-33	Becker D17-715		NOBLE ENERGY INC	07/10/2008	PR	570	510		6710	1888
39	x	05-123-27117	LDS D 09-30	Becker D17-715		NOBLE ENERGY INC	09/06/2008	SI	601	442		6660	278
40	x	05-123-27118	LDS D 09-31D	Becker D17-715		NOBLE ENERGY INC	09/11/2008	SI	578	440		6840	1280
41	x	05-123-29275	Guttersen State D 16-31	Becker D17-715		NOBLE ENERGY INC	04/15/2009	PR		510		6710	450
42	x	05-123-30866	GUTTERSEN STATE D 16-32D	Becker D17-715		NOBLE ENERGY INC	06/20/2010	SI		530		6909	1940
43	x	05-123-30878	GUTTERSEN STATE D 16-33	Becker D17-715		NOBLE ENERGY INC	06/16/2010	SI		530		6694	1600
44	x	05-123-31054	LDS D 17-20	Becker D17-750		NOBLE ENERGY INC	10/17/2010	PR	767	528		6728	1854
45	x	05-123-31986	LDS D17-22	Becker D17-730		NOBLE ENERGY INC	08/06/2011	SI	705	516		6717	1868
46	x	05-123-31989	LDS D17-18	Becker D17-750		NOBLE ENERGY INC	08/01/2011	SI	692	506		6714	1272
47	x	05-123-31990	LDS D08-29	Becker D17-750		NOBLE ENERGY INC	03/14/2012	SI	739	447		6715	1870
48	x	05-123-31991	LDS D08-18D	Becker D17-750		NOBLE ENERGY INC	03/18/2012	PR	735	448		7157	1754
49	x	05-123-31993	LDS D08-28D	Becker D17-750		NOBLE ENERGY INC	03/22/2012	PR	744	447		6820	1996
50	x	05-123-35209	GUTTERSEN STATE D16-65-1HN	Becker D17-715		NOBLE ENERGY INC	07/22/2012	PR		562		6817	1212
51	x	05-123-35311	LDS D 17-21	Becker D17-750		NOBLE ENERGY INC	06/08/2012	PR	849	523		6719	2078
52	x	05-123-35321	LDS D 17-24D	Becker D17-750		NOBLE ENERGY INC	05/29/2012	PR	873	524		6853	1226
53	x	05-123-35418	FRONT RANGE D09-32D	Becker D17-715		NOBLE ENERGY INC	05/19/2012	PR	741	510		6915	2002
54	x	05-123-38965	Becker Ranch 5M-323	Becker D17-745		PDC ENERGY INC	03/29/2015	PR		380			
55	x	05-123-38966	Becker Ranch 5M-423	Becker D17-745		PDC ENERGY INC	03/18/2015	PR		380			
56	x	05-123-38967	Becker Ranch 5R-443	Becker D17-735		PDC ENERGY INC	04/16/2015	PR		380			
57	x	05-123-38968	Becker Ranch 5R-303	Becker D17-730		PDC ENERGY INC	04/23/2015	PR		380			
58	x	05-123-39028	Becker Ranch 5U-443	Becker D17-715		PDC ENERGY INC	05/26/2015	PR		380			
59	x	05-123-39029	Becker Ranch 5R-203	Becker D17-725		PDC ENERGY INC	05/03/2015	SI		380			
60	x	05-123-39030	Becker Ranch 5U-303	Becker D17-715		PDC ENERGY INC	06/02/2015	PR		380			
61	x	05-123-39031	Becker Ranch 5R-323	Becker D17-725		PDC ENERGY INC	05/13/2015	PR		380			
62	x	05-123-39071	Becker Ranch 5M-303	Becker D17-750		PDC ENERGY INC	08/22/2015	PR		380			
63	x	05-123-39074	BECKER RANCH 5J-203	Becker D17-750		PDC ENERGY INC	07/28/2015	PR		380			
64	x	05-123-39076	BECKER RANCH 5M-243	Becker D17-750		PDC ENERGY INC	08/14/2015	PR		380			
65	x	05-123-39077	BECKER RANCH 5J-323	Becker D17-750		PDC ENERGY INC	08/06/2015	DG	913	380		6819	1014
66	x	05-123-40109	Becker Ranch 5M-203	Becker D17-750		PDC ENERGY INC	03/07/2015	PR		380			
67	x	05-123-40117	Becker Ranch 5U-243	Becker D17-715		PDC ENERGY INC	05/19/2015	PR		380			
68	x	05-123-40180	Becker Ranch 5R-243	Becker D17-735		PDC ENERGY INC	04/07/2015	PR		380			
69	x	05-123-42075	Becker Ranch 5J-323R	Becker D17-750		PDC ENERGY INC	08/31/2015	PR		380			

70		05-123-48040	Guttersen D29-770	Becker D17-750		NOBLE ENERGY INC		XX					
71		05-123-48043	Guttersen D29-746	Becker D17-750		NOBLE ENERGY INC		XX					
72		05-123-48044	Guttersen D29-754	Becker D17-750		NOBLE ENERGY INC		XX					
73		05-123-48045	Guttersen D29-738	Becker D17-745		NOBLE ENERGY INC		XX					
74		05-123-48048	Guttersen D29-730	Becker D17-735		NOBLE ENERGY INC		XX					
75		05-123-48049	Guttersen State D29-714	Becker D17-715		NOBLE ENERGY INC		XX					
76		05-123-48050	Guttersen D29-722	Becker D17-725		NOBLE ENERGY INC		XX					

Total Wells: 76

Meets Standard(STD): 35

Needs Evaluation: 41