

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		05-123-13105	ALLELEY 31-34 #1	FAIRWEATH ER J32-665	989	NOBLE ENERGY INC	08/20/1986	PR	210	600		6912	6300
2		05-123-27144	ALLELY J 33- 24D	FAIRWEATH ER J32-640	494	NOBLE ENERGY INC	09/02/2008	PR	521	600		6919	1760
3		05-123-29276	ASHTON J 33- 18D	FAIRWEATH ER J32-665	387	NOBLE ENERGY INC	05/04/2010	PR	559	600		7179	6610
4		05-123-29469	ASHTON J 33- 19	FAIRWEATH ER J32-665	461	NOBLE ENERGY INC	04/17/2010	PR	560	600		6911	2298
5		05-123-29477	ASHTON J 33- 20D	FAIRWEATH ER J32-650	90	NOBLE ENERGY INC	04/29/2010	PR	555	600		7233	1750
6		05-123-29363	ASHTON J 33- 21D	FAIRWEATH ER J32-650	71	NOBLE ENERGY INC	05/09/2010	PR	559	600		7528	6810
7		05-123-29364	ASHTON J 33- 32D	FAIRWEATH ER J32-650	50	NOBLE ENERGY INC	04/24/2010	PR	555	600		7282	1730
8		05-123-23226	BERNHARDT J 31-19	FAIRWEATH ER J31-665	179	NOBLE ENERGY INC	11/06/2005	PR	537	600		7029	6558
9		05-123-28163	BERNHARDT J 31-20D	FAIRWEATH ER J31-650	2	NOBLE ENERGY INC	11/18/2008	PR	488	600		7122	286
10		05-123-29252	BERNHARDT J 31-21D	FAIRWEATH ER J31-650	140	NOBLE ENERGY INC	11/13/2008	PR	521	600		7062	385
11	x	05-123-29102	BERNHARDT J 31-22D	FAIRWEATH ER J31-650	182	NOBLE ENERGY INC	11/10/2008	PR	516	600		7355	13
12	x	05-123-26973	BERNHARDT J 31-33D	FAIRWEATH ER J31-640	676	NOBLE ENERGY INC	11/06/2008	PR	552	600		7114	1780
13	x	05-123-32818	BERNHARDT PC J 31-30D	FAIRWEATH ER J31-665	1585	NOBLE ENERGY INC	01/03/2012	PR	693	600		7304	1744
14	x	05-123-32816	BERNHARDT PC J 31-31D	FAIRWEATH ER J31-665	418	NOBLE ENERGY INC	01/10/2012	PR	699	600		7261	1745
15	x	05-123-32815	BERNHARDT PC J 31-32D	FAIRWEATH ER J31-655	444	NOBLE ENERGY INC	01/16/2012	PR	703	600		7366	2208
16		05-123-32823	BERNHARDT STATE PC N 36- 17	FAIRWEATH ER J31-665	1177	NOBLE ENERGY INC	05/11/2011	PR	531	600		7161	1740
17	x	05-123-32822	BERNHARDT STATE PC N 36- 27D	FAIRWEATH ER J31-665	100	NOBLE ENERGY INC	05/16/2011	PR	653	600		7386	1807
18	x	05-123-44058	Bona State N35- 655	FAIRWEATH ER J31-655	171	NOBLE ENERGY INC		XX					
19	x	05-123-44056	Bona State N35- 660	FAIRWEATH ER J31-660	149	NOBLE ENERGY INC		XX					
20	x	05-123-44054	Bona State N35- 665	FAIRWEATH ER J31-665	142	NOBLE ENERGY INC		XX					
21	x	05-123-44055	Bona State N35- 670	FAIRWEATH ER J31-665	270	NOBLE ENERGY INC		XX					
22	x	05-123-44057	Bona State N35- 675	FAIRWEATH ER J31-665	580	NOBLE ENERGY INC		XX					
23	x	05-123-44059	Bona State N35- 680	FAIRWEATH ER J31-665	838	NOBLE ENERGY INC		XX					
24	x	05-123-44060	Bona State N35- 685	FAIRWEATH ER J31-665	1004	NOBLE ENERGY INC		XX					
25	x	05-123-44061	Bona State N35- 690	FAIRWEATH ER J31-665	1098	NOBLE ENERGY INC		XX					
26	x	05-123-16522	CAMENISCH - STRAIGHT 13- 34	FAIRWEATH ER J32-640	1039	NOBLE ENERGY INC	12/29/1992	PR	366	600		6856	6430
27		05-123-16257	CAMENISCH 33 -15H6	FAIRWEATH ER J32-640	1142	NOBLE ENERGY INC	05/05/1994	PR	452	600		6836	6146
28	x	05-123-16258	CAMENISCH- DOS RIOS 16- 33	FAIRWEATH ER J32-640	1375	NOBLE ENERGY INC	12/18/1992	PA	379	600			6274
29	x	05-123-26029	CAMENISCH- DOS RIOS 16- 33B	FAIRWEATH ER J32-640	583	NOBLE ENERGY INC	09/18/2007	PA	430	600		6831	3252
30	x	05-123-26246	CAMENISCH- STRAIGHT 13- 34B	FAIRWEATH ER J32-640	1651	NOBLE ENERGY INC	09/28/2007	PA	389	600			5250

31		05-123-12518	CARLSON 1	FAIRWEATH ER J32-660	27	NOBLE ENERGY INC	08/26/1985	PR	330	600		6921	5880
32		05-123-18030	CARLSON 32- 1H6	FAIRWEATH ER J32-665	995	NOBLE ENERGY INC	02/20/1994	PR	498	600		6921	6290
33	x	05-123-29308	CARLSON J 33- 30D	FAIRWEATH ER J32-665	1542	NOBLE ENERGY INC	11/23/2008	PR	531	600		7033	80
34	x	05-123-29307	CARLSON J 33- 31D	FAIRWEATH ER J32-665	254	NOBLE ENERGY INC	11/26/2008	PR	522	600		7022	380
35	x	05-123-16457	DOS RIOS 11- 34	FAIRWEATH ER J32-640	294	NOBLE ENERGY INC	03/06/1993	PR	338	600		6881	4640
36		05-123-24903	DOS RIOS 12- 34A	FAIRWEATH ER J32-645	109	NOBLE ENERGY INC	10/14/2007	PR	431	600		6984	3850
37		05-123-11694	DOS RIOS 1-33	FAIRWEATH ER J32-640	293	NOBLE ENERGY INC	02/28/1994	PR	346	600		6846	6500
38	x	05-123-13039	DOS RIOS 14- 34	FAIRWEATH ER J32-640	1252	NOBLE ENERGY INC	03/22/1986	PR	307	600		6873	6116
39		05-123-18374	DOS RIOS 33- 10H6	FAIRWEATH ER J32-640	55	NOBLE ENERGY INC	07/16/1994	PR	427	600		6845	6252
40		05-123-18376	DOS RIOS 34- 7H6	FAIRWEATH ER J32-660	47	NOBLE ENERGY INC	09/25/1994	PR	421	600		7386	4660
41		05-123-18375	DOS RIOS 34- 8H6	FAIRWEATH ER J32-660	89	NOBLE ENERGY INC	09/26/1994	PR	421	600		7148	6616
42		05-123-16731	DOS RIOS 41- 34	FAIRWEATH ER J32-665	1125	NOBLE ENERGY INC	02/13/1993	PR	328	600		6917	
43		05-123-16740	DOS RIOS 43- 34	FAIRWEATH ER J32-640	64	NOBLE ENERGY INC	05/20/1993	PR	312	600		6869	6264
44		05-123-30055	DOS RIOS 5- 34A	FAIRWEATH ER J32-660	10	NOBLE ENERGY INC	01/20/2010	PR	450	600			1940
45		05-123-30057	DOS RIOS 6- 34A	FAIRWEATH ER J32-660	148	NOBLE ENERGY INC	01/21/2010	PR	460	600			2666
46	x	05-123-15234	DOS RIOS J 33- 10	FAIRWEATH ER J32-645	131	KERR MCGEE OIL & GAS ONSHORE LP	12/08/1991	PA	308	600			3930
47	x	05-123-14825	DOS RIOS J 33- 15	FAIRWEATH ER J32-640	1025	KERR MCGEE OIL & GAS ONSHORE LP	11/16/1990	PA	308	600			4020
48	x	05-123-15138	EMC STATE 36- 1	FAIRWEATH ER J31-660	1088	NOBLE ENERGY INC	08/09/1991	PR	287	600		7052	6586
49	x	05-123-15579	EMC STATE 36- 2	FAIRWEATH ER J31-665	1418	NOBLE ENERGY INC	02/07/1992	PR	341	600		7076	6660
50		05-123-11875	FLACK 1	FAIRWEATH ER J32-660	50	NOBLE ENERGY INC	07/27/1984	PR	430	600		7012	6504
51	x	05-123-18022	FLACK 33-5H6	FAIRWEATH ER J32-660	44	NOBLE ENERGY INC	02/15/1994	PR	536	600		6916	4369
52	x	05-123-12755	GARCIA 1	FAIRWEATH ER J32-640	1226	NOBLE ENERGY INC	10/21/1995	PA	319	600		7021	6500
53	x	05-123-30587	GARCIA J 33- 33D	FAIRWEATH ER J32-640	660	NOBLE ENERGY INC	01/28/2010	PR	561	600		7189	2370
54	x	05-123-35979	Honey Badger J31-64-1HN	FAIRWEATH ER J31-640	7	NOBLE ENERGY INC	01/20/2014	PR	694	600		7234	30
55	x	05-123-12028	KNISTER 3	FAIRWEATH ER J31-665	932	MONAGO OPERATING INC	06/29/1984	PR	431	600		7009	
56		05-123-18531	LESSER J 33-7A	FAIRWEATH ER J32-660	83	NOBLE ENERGY INC	09/20/1994	PR	350	600		6935	3812
57		05-123-14005	LESSER PM J 33-2	FAIRWEATH ER J32-665	785	NOBLE ENERGY INC	10/06/1988	PR	312	600		6917	6506
58		05-123-14004	LESSER PM J33 -1	FAIRWEATH ER J32-665	1241	NOBLE ENERGY INC	07/19/1999	PR	301	600		6900	6514
59		05-123-14007	LESSER-PM J 33-8	FAIRWEATH ER J32-655	134	NOBLE ENERGY INC	08/17/1988	PR	306	600		6899	6500
60		05-123-14006	LESSER-PM J33 -7	FAIRWEATH ER J32-655	101	NOBLE ENERGY INC	11/15/1990	PR	307	600		6927	3978
61		05-123-13438	LINHART 3-33	FAIRWEATH ER J32-665	832	PDC ENERGY INC	04/10/1987	PR	320	600		6921	
62		05-123-13388	LINHART 4-33	FAIRWEATH ER J32-665	1042	PDC ENERGY INC	03/19/1987	PR	307	600		6926	6300
63		05-123-15666	LINHART J33-3	FAIRWEATH ER J32-665	1110	NOBLE ENERGY INC	04/06/1992	PR	326	600			4180
64		05-123-15665	LINHART J33-4	FAIRWEATH ER J32-665	744	NOBLE ENERGY INC	04/12/1991	PA	328	600			3960
65	x	05-123-17613	MOSSBERG 41- 31	FAIRWEATH ER J31-665	752	NOBLE ENERGY INC	12/03/1993	PA	306	600		7008	6428
66	x	05-123-22271	MOSSBERG 8- 31	FAIRWEATH ER J31-660	93	NOBLE ENERGY INC	09/13/2004	PR	674	600		6967	6420

67		05-123-13490	MOSSBERG UP 2-31	FAIRWEATH ER J31-665	805	PDC ENERGY INC	08/12/1987	PR	338	600		7030	6480
68		05-123-13485	MOSSBERG UP 7-31	FAIRWEATH ER J31-655	28	PDC ENERGY INC	08/18/1987	PR	312	600		7002	6430
69		05-123-17046	NICHOLS 35-12	FAIRWEATH ER J32-645	1139	NOBLE ENERGY INC	07/10/1993	PR	511	600		6848	6246
70	x	05-123-14290	POST HOLE 1-34	FAIRWEATH ER J32-640	1396	NOBLE ENERGY INC	05/25/1989	PR	334	600		6411	6887
71		05-123-13317	RAISELY 11-34	FAIRWEATH ER J32-665	944	NOBLE ENERGY INC	01/15/1987	PR	211	600		6880	6340
72		05-123-16741	RAISLEY 21-34	FAIRWEATH ER J32-665	1039	NOBLE ENERGY INC	02/17/1993	PR	283	600		6923	6454
73		05-123-11272	RAITH 1	FAIRWEATH ER J31-640	876	CACHE EXPLORATION INC	07/21/1983	PA	200	600		6929	6600
74	x	05-123-21859	RODRIGUEZ 4-35	FAIRWEATH ER J32-665	1478	NOBLE ENERGY INC	01/10/2004	PR	626	600		7087	6390
75	x	05-123-20663	RUMSEY 10-34	FAIRWEATH ER J32-640	1301	NOBLE ENERGY INC	12/17/2001	PR	628	600		7145	6365
76		05-123-12984	RUMSEY 16-34	FAIRWEATH ER J32-640	1087	NOBLE ENERGY INC	02/12/1986	PR	312	600		6833	6050
77		05-123-12688	SCHANK 2	FAIRWEATH ER J32-650	1200	NOBLE ENERGY INC	10/18/1985	PR	341	600		6856	6064
78	x	05-123-22164	SCHNEIDER STATE 9-36	FAIRWEATH ER J31-645	902	NOBLE ENERGY INC	05/05/2004	PR	675	600		7006	3270
79	x	05-123-14860	SPOMER 1	FAIRWEATH ER J32-645	10	NOBLE ENERGY INC	12/30/1990	PR	303	600			4212
80		05-123-13672	SPOMER 10-32	FAIRWEATH ER J32-640	14	NOBLE ENERGY INC	11/03/1987	PR	311	600		6952	64200
81	x	05-123-14857	SPOMER 2	FAIRWEATH ER J32-640	1261	NOBLE ENERGY PRODUCTION INC	12/31/2005	PA	311	600			4104
82		05-123-12748	SPOMER 2-32	FAIRWEATH ER J32-665	1099	NOBLE ENERGY INC	10/22/1985	PR	311	600		6989	6260
83	x	05-123-14858	SPOMER 3	FAIRWEATH ER J32-640	1297	NOBLE ENERGY PRODUCTION INC	09/06/1991	PA	323	600			4000
84		05-123-18031	SPOMER 32-16H6	FAIRWEATH ER J32-640	1193	NOBLE ENERGY INC	03/15/1994	PR	492	600		6916	6398
85	x	05-123-12149	SPOMER 33-12	FAIRWEATH ER J32-645	109	NOBLE ENERGY INC	12/23/1984	PR	306	600		6921	6478
86	x	05-123-12860	SPOMER 7-32	FAIRWEATH ER J32-660	39	NOBLE ENERGY INC	01/09/1986	PR	311	600		6956	6500
87	x	05-123-12749	SPOMER 9-32	FAIRWEATH ER J32-640	67	NOBLE ENERGY INC	12/31/1985	PR	308	600		6912	6531
88		05-123-21708	SPOMER BC J 33-25	FAIRWEATH ER J32-640	430	NOBLE ENERGY INC	10/21/2003	PR	407	600		6885	6493
89	x	05-123-14334	SPOMER BCJ 33-14	FAIRWEATH ER J32-640	1109	NOBLE ENERGY INC	07/26/1989	PA	317	600		6940	6430
90		05-123-14328	SPOMER-BC J 33-13	FAIRWEATH ER J32-640	1123	NOBLE ENERGY INC	08/02/1989	PR	303	600		6806	6192
91	x	05-123-15470	State N 36-09	FAIRWEATH ER J31-640	825	NOBLE ENERGY INC	12/11/1991	DA	302	600			6700
92	x	05-123-15845	STATE N 36-16	FAIRWEATH ER J31-640	1402	NOBLE ENERGY INC	06/13/1992	PR	395	600		7009	
93	x	05-123-23431	STEPHENS J 31 -10	FAIRWEATH ER J31-640	4	NOBLE ENERGY INC	01/17/2006	PR	410	600		7020	
94		05-123-23228	STEPHENS J 31 -15	FAIRWEATH ER J31-640	1285	NOBLE ENERGY INC	01/24/2006	PR	410	600		6928	2587
95		05-123-23227	STEPHENS J 31 -16	FAIRWEATH ER J31-640	1345	NOBLE ENERGY INC	02/05/2006	PR	408	600		7063	2330
96	x	05-123-23301	STEPHENS J 31 -23	FAIRWEATH ER J31-640	648	NOBLE ENERGY INC	01/11/2006	PR	482	600		6954	
97		05-123-23297	STEPHENS J 31 -9	FAIRWEATH ER J31-640	6	NOBLE ENERGY INC	01/30/2006	PR	470	600		7014	2470
98	x	05-123-18518	UPRC 31-11H6	FAIRWEATH ER J31-645	154	NOBLE ENERGY INC	11/23/1994	PR	442	600		7022	
99	x	05-123-18496	UPRC 31-12H6	FAIRWEATH ER J31-645	103	NOBLE ENERGY INC	11/18/1994	PR	439	600		7001	5886
100		05-123-18497	UPRC 31-13H6	FAIRWEATH ER J31-640	1437	NOBLE ENERGY INC	11/12/1994	PR	419	600		6987	4332
101	x	05-123-18498	UPRC 31-14H6	FAIRWEATH ER J31-640	1458	SNYDER OIL CORP	11/13/1994	DA	410	600			

102	x	05-123-18492	UPRC 31-3H6	FAIRWEATHER J31-665	920	NOBLE ENERGY INC	11/29/1994	PR	438	600		7009	4312
103	x	05-123-18493	UPRC 31-4H6	FAIRWEATHER J31-665	812	NOBLE ENERGY INC	12/09/1994	PR	441	600		7050	6942
104	x	05-123-18494	UPRC 31-5H6	FAIRWEATHER J31-655	58	NOBLE ENERGY INC	11/28/1994	PR	440	600		7162	
105		05-123-22425	UPRC J 31-14	FAIRWEATHER J31-640	1209	NOBLE ENERGY INC	11/08/2004	PR	540	600		7081	6554
106		05-123-22538	UPRC J 31-25	FAIRWEATHER J31-640	525	NOBLE ENERGY INC	12/14/2004	PR	410	600		6984	6576
107	x	05-123-20068	UPRC J 31-6	FAIRWEATHER J31-655	39	NOBLE ENERGY INC	10/07/2000	PR	402	600		7020	

Total Wells: 107

Meets Standard(STD): 55

Needs Evaluation: 52