

## 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 J32-680	29	NOBLE ENERGY INC	06/08/1905	PR	210	600		6912	6300
2		05-123-29276	ASHTON J 33- 18D	FAIRWEATH ER J32-670	67	NOBLE ENERGY INC	05/04/2010	PR	559	600		7179	6610
3		05-123-29469	ASHTON J 33- 19	FAIRWEATH ER J32-670	141	NOBLE ENERGY INC	04/17/2010	PR	560	600		6911	2298
4		05-123-29477	ASHTON J 33- 20D	FAIRWEATH ER J32-670	1372	NOBLE ENERGY INC	04/29/2010	PR	555	600		7233	1750
5		05-123-29363	ASHTON J 33- 21D	FAIRWEATH ER J32-670	1352	NOBLE ENERGY INC	05/09/2010	PR	559	600		7528	6810
6		05-123-29364	ASHTON J 33- 32D	FAIRWEATH ER J32-670	1232	NOBLE ENERGY INC	04/24/2010	PR	555	600		7282	1730
7		05-123-23226	BERNHARDT J 31-19	FAIRWEATH ER J31-670	141	NOBLE ENERGY INC	11/06/2005	PR	537	600		7029	6558
8	x	05-123-28163	BERNHARDT J 31-20D	FAIRWEATH ER J31-670	1276	NOBLE ENERGY INC	11/18/2008	PR	488	600		7122	286
9	x	05-123-29252	BERNHARDT J 31-21D	FAIRWEATH ER J31-670	1419	NOBLE ENERGY INC	11/13/2008	PR	521	600		7062	385
10	x	05-123-29102	BERNHARDT J 31-22D	FAIRWEATH ER J31-670	1462	NOBLE ENERGY INC	11/10/2008	PR	516	600		7355	13
11	x	05-123-32818	BERNHARDT PC J 31-30D	FAIRWEATH ER J31-690	34	NOBLE ENERGY INC	01/03/2012	PR	693	600		7304	1744
12	x	05-123-32816	BERNHARDT PC J 31-31D	FAIRWEATH ER J31-670	241	NOBLE ENERGY INC	01/10/2012	PR	699	600		7261	1745
13	x	05-123-32815	BERNHARDT PC J 31-32D	FAIRWEATH ER J31-670	1183	NOBLE ENERGY INC	01/16/2012	PR	703	600		7366	2208
14		05-123-32823	BERNHARDT STATE PC N 36- 17	FAIRWEATH ER J31-670	1130	NOBLE ENERGY INC	05/11/2011	PR	531	600		7161	1740
15	x	05-123-32822	BERNHARDT STATE PC N 36- 27D	FAIRWEATH ER J31-670	420	NOBLE ENERGY INC	05/16/2011	PR	653	600		7386	1807
16		05-123-13998	BERNHARDT- PM J30-13	FAIRWEATH ER J31-690	477	NOBLE ENERGY INC	10/22/1988	PA	313	600		7049	6490
17	x	05-123-44058	Bona State N35- 655	FAIRWEATH ER J31-670	879	NOBLE ENERGY INC		XX		600			
18	x	05-123-44056	Bona State N35- 660	FAIRWEATH ER J31-670	672	NOBLE ENERGY INC		XX		600			
19	x	05-123-44054	Bona State N35- 665	FAIRWEATH ER J31-670	400	NOBLE ENERGY INC		XX		600			
20	x	05-123-44055	Bona State N35- 670	FAIRWEATH ER J31-670	159	NOBLE ENERGY INC		XX		600			
21	x	05-123-44057	Bona State N35- 675	FAIRWEATH ER J31-675	117	NOBLE ENERGY INC		XX		600			
22	x	05-123-44059	Bona State N35- 680	FAIRWEATH ER J31-680	119	NOBLE ENERGY INC		XX		600			
23	x	05-123-44060	Bona State N35- 685	FAIRWEATH ER J31-685	117	NOBLE ENERGY INC		XX		600			
24	x	05-123-44061	Bona State N35- 690	FAIRWEATH ER J31-690	98	NOBLE ENERGY INC		XX		600			
25	x	05-123-21927	BOOTH N 25-16	FAIRWEATH ER J31-690	1038	NOBLE ENERGY INC	02/06/2005	PR	726	600		7099	6626
26		05-123-12518	CARLSON 1	FAIRWEATH ER J32-670	614	NOBLE ENERGY INC	08/26/1985	PR	330	600		6921	5880
27	x	05-123-20688	CARLSON 15-29	FAIRWEATH ER J32-690	501	NOBLE ENERGY INC	01/13/2002	PR	638	600		7034	6216
28	x	05-123-21689	CARLSON 20-29	FAIRWEATH ER J32-690	1218	NOBLE ENERGY INC	11/17/2003	PR	663	600		7040	3194
29		05-123-18030	CARLSON 32- 1H6	FAIRWEATH ER J32-680	33	NOBLE ENERGY INC	02/20/1994	PR	498	600		6921	6290
30		05-123-29308	CARLSON J 33- 30D	FAIRWEATH ER J32-690	60	NOBLE ENERGY INC	11/23/2008	PR	531	600		7033	80
31		05-123-29307	CARLSON J 33- 31D	FAIRWEATH ER J32-670	67	NOBLE ENERGY INC	11/26/2008	PR	522	600		7022	380
32	x	05-123-18376	DOS RIOS 34- 7H6	FAIRWEATH ER J32-670	687	NOBLE ENERGY INC	09/25/1994	PR	421	600		7386	4660

33	x	05-123-18375	DOS RIOS 34-8H6	FAIRWEATHER J32-670	553	NOBLE ENERGY INC	09/26/1994	PR	421	600		7148	6616
34		05-123-16731	DOS RIOS 41-34	FAIRWEATHER J32-685	155	NOBLE ENERGY INC	02/13/1993	PR	328	600		6917	
35	x	05-123-30055	DOS RIOS 5-34A	FAIRWEATHER J32-670	630	NOBLE ENERGY INC	01/20/2010	PR	450	600			1940
36	x	05-123-30057	DOS RIOS 6-34A	FAIRWEATHER J32-670	492	NOBLE ENERGY INC	01/21/2010	PR	460	600			2666
37		05-123-15138	EMC STATE 36-1	FAIRWEATHER J31-670	1260	NOBLE ENERGY INC	08/09/1991	PR	287	600		7052	6586
38		05-123-15579	EMC STATE 36-2	FAIRWEATHER J31-680	1042	NOBLE ENERGY INC	02/07/1992	PR	341	600		7076	6660
39		05-123-11875	FLACK 1	FAIRWEATHER J32-670	691	NOBLE ENERGY INC	07/27/1984	PR	430	600		7012	6504
40		05-123-18022	FLACK 33-5H6	FAIRWEATHER J32-670	685	NOBLE ENERGY INC	02/15/1994	PR	536	600		6916	4369
41	x	05-123-16835	HSR-O'NEIL 16-29	FAIRWEATHER J32-690	535	NOBLE ENERGY INC	03/13/1993	PR	672	600		6967	6030
42	x	05-123-11104	KNISTER 1	FAIRWEATHER J31-690	273	MONAHAN GAS & OIL INC	04/01/1983	PR	287	600		7047	
43		05-123-12028	KNISTER 3	FAIRWEATHER J31-680	29	MONAGO OPERATING INC	06/29/1984	PR	431	600		7009	
44		05-123-18531	LESSER J 33-7A	FAIRWEATHER J32-670	558	NOBLE ENERGY INC	09/20/1994	PR	350	600		6935	3812
45		05-123-14005	LESSER PM J 33-2	FAIRWEATHER J32-675	144	NOBLE ENERGY INC	10/06/1988	PR	312	600		6917	6506
46		05-123-14004	LESSER PM J33-1	FAIRWEATHER J32-685	40	NOBLE ENERGY INC	07/19/1999	PR	301	600		6900	6514
47		05-123-14007	LESSER-PM J 33-8	FAIRWEATHER J32-670	827	NOBLE ENERGY INC	08/17/1988	PR	306	600		6899	6500
48		05-123-14006	LESSER-PM J33-7	FAIRWEATHER J32-670	860	NOBLE ENERGY INC	11/15/1990	PR	307	600		6927	3978
49		05-123-13438	LINHART 3-33	FAIRWEATHER J32-680	129	PDC ENERGY INC	04/10/1987	PR	320	600		6921	
50		05-123-13388	LINHART 4-33	FAIRWEATHER J32-680	80	PDC ENERGY INC	03/19/1987	PR	307	600		6926	6300
51	x	05-123-15666	LINHART J33-3	FAIRWEATHER J32-680	149	NOBLE ENERGY INC	04/06/1992	PR	326	600			4180
52	x	05-123-15665	LINHART J33-4	FAIRWEATHER J32-675	103	NOBLE ENERGY INC	04/12/1991	PA	328	600			3960
53		05-123-12517	LUNDVALL 1-30	FAIRWEATHER J31-690	697	NOBLE ENERGY INC	09/26/1985	PR	311	600		7041	6600
54		05-123-22406	LUNDVALL J 30-25	FAIRWEATHER J31-690	1301	NOBLE ENERGY INC	10/17/2004	PR	407	600		7183	4625
55		05-123-11942	MOSSBERG 1	FAIRWEATHER J31-690	644	BARRETT RESOURCES CORP	08/14/1984	PA	432	600		7069	6540
56		05-123-18156	MOSSBERG 28-15H6	FAIRWEATHER J32-690	857	NOBLE ENERGY INC	03/30/1994	PR	534	600		7034	4372
57	x	05-123-18112	MOSSBERG 30-15H6	FAIRWEATHER J31-690	826	NOBLE ENERGY INC	03/24/1994	PA	535	600		7029	6514
58	x	05-123-17613	MOSSBERG 41-31	FAIRWEATHER J31-675	112	NOBLE ENERGY INC	12/03/1993	PA	306	600		7008	6428
59	x	05-123-22271	MOSSBERG 8-31	FAIRWEATHER J31-670	734	NOBLE ENERGY INC	09/13/2004	PR	674	600		6967	6420
60	x	05-123-26348	MOSSBERG J 28-23	FAIRWEATHER J32-690	1332	NOBLE ENERGY INC	10/07/2007	PR	725	600		6942	1416
61	x	05-123-26554	MOSSBERG J 30-23	FAIRWEATHER J31-690	1204	NOBLE ENERGY INC	12/04/2007	PR	898	600		7060	2300
62	x	05-123-28058	MOSSBERG J 31-27	FAIRWEATHER J31-690	90	NOBLE ENERGY INC	01/01/2009	PR	852	600		7035	7031
63		05-123-28020	MOSSBERG J 33-27	FAIRWEATHER J32-690	263	NOBLE ENERGY INC	08/27/2008	PR	537	600		6899	1530
64		05-123-28027	MOSSBERG J 33-28	FAIRWEATHER J32-690	207	NOBLE ENERGY INC	08/23/2008	PR	524	600		7037	1540
65		05-123-13968	MOSSBERG PM J28-16	FAIRWEATHER J32-690	543	NOBLE ENERGY INC	07/07/1988	PR	338	600		6903	6495
66		05-123-13490	MOSSBERG UP 2-31	FAIRWEATHER J31-680	155	PDC ENERGY INC	08/12/1987	PR	338	600		7030	6480
67		05-123-13485	MOSSBERG UP 7-31	FAIRWEATHER J31-670	932	PDC ENERGY INC	08/18/1987	PR	312	600		7002	6430
68		05-123-13317	RAISELY 11-34	FAIRWEATHER J32-680	17	NOBLE ENERGY INC	01/15/1987	PR	211	600		6880	6340

69		05-123-16741	RAISLEY 21-34	FAIRWEATHER J32-680	79	NOBLE ENERGY INC	02/17/1993	PR	283	600		6923	6454
70		05-123-16825	RAISLEY 34-27	FAIRWEATHER J32-690	493	NOBLE ENERGY INC	02/24/1993	PR	375	600		6927	6352
71		05-123-16824	RAISLEY 44-27	FAIRWEATHER J32-690	725	NOBLE ENERGY INC	03/07/1993	PR	368	600		6975	6422
72	x	05-123-21859	RODRIGUEZ 4-35	FAIRWEATHER J32-680	1175	NOBLE ENERGY INC	01/10/2004	PR	626	600		7087	6390
73	x	05-123-13672	SPOMER 10-32	FAIRWEATHER J32-670	1492	NOBLE ENERGY INC	11/03/1987	PR	311	600		6952	64200
74		05-123-12748	SPOMER 2-32	FAIRWEATHER J32-680	136	NOBLE ENERGY INC	10/22/1985	PR	311	600		6989	6260
75		05-123-12860	SPOMER 7-32	FAIRWEATHER J32-670	680	NOBLE ENERGY INC	01/09/1986	PR	311	600		6956	6500
76		05-123-16379	UPRC 27-14C	FAIRWEATHER J32-690	853	NOBLE ENERGY INC	04/21/1993	PR	422	600		6893	6300
77		05-123-18492	UPRC 31-3H6	FAIRWEATHER J31-680	39	NOBLE ENERGY INC	11/29/1994	PR	438	600		7009	4312
78		05-123-18493	UPRC 31-4H6	FAIRWEATHER J31-680	146	NOBLE ENERGY INC	12/09/1994	PR	441	600		7050	6942
79	x	05-123-18494	UPRC 31-5H6	FAIRWEATHER J31-670	900	NOBLE ENERGY INC	11/28/1994	PR	440	600		7162	
80		05-123-20068	UPRC J 31-6	FAIRWEATHER J31-670	920	NOBLE ENERGY INC	10/07/2000	PR	402	600		7020	
81		05-123-07267	UPRR 61 PAN AM B 1	FAIRWEATHER J32-690	1001	AMOCO PRODUCTION COMPANY	05/17/1971	PA	339	600		6994	6840
82		05-123-26341	WUEST J 28-25	FAIRWEATHER J32-690	1340	NOBLE ENERGY INC	10/31/2007	PR	528	600		7000	1687
83		05-123-14202	ZION PM J 28-13	FAIRWEATHER J32-690	547	NOBLE ENERGY INC	03/01/1989	PR	310	600		6947	6384
84		05-123-12503	ZIONS FNB 1	FAIRWEATHER J32-690	623	NOBLE ENERGY INC	08/19/1985	PR	325	600		6942	6680

Total Wells: 84

Meets Standard(STD): 35

Needs Evaluation: 49