

## 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	05-123-12778	Brandondi 2	Boomerang 34N-6C-M	868	Conquest Oil Company		AL		680			
2	x	05-123-11782	Davis 2-33	Boomerang 25N-3B-L	864	Noble	07/10/2002	PA	411	600			6100
3		05-123-17152	Davis 33-16	Boomerang 25N-3B-L	1125	Noble	12/01/1994	PR	498	600			6364
4	x	05-123-27327	Duke J 4-11	Boomerang 28C-3-L	851	Noble	12/01/2006	SI	461	600	x		2372
5	x	05-123-27325	Duke J 4-12	Boomerang 28C-3-L	837	Noble	12/28/2006	SI	452	600	x		2287
6	x	05-123-27324	Duke J 4-13	Boomerang 28C-3-L	1427	Noble	12/17/2006	PR	460	600			1725
7		05-123-27328	Duke J 4-14	Boomerang 28C-3-L	1424	Noble	11/25/2006	PR	461	600			2744
8		05-123-27326	Duke J 4-25	Boomerang 28C-3-L	1427	Noble	12/10/2006	PR	461	600			2400
9		05-123-27303	Duke J 4-33	Boomerang 28C-3-L	1424	Noble	01/04/2007	PR	459	600			2360
10		05-123-27304	Duke USX J 05- 16	Boomerang 28C-3-L	1424	Noble	01/12/2007	PR	460	600			1916
11		05-123-27305	Duke USX J 5-9	Boomerang 28C-3-L	850	Noble	01/20/2007	SI	460	600			2337
12		05-123-11873	Fraker1	Boomerang 34N-6A-M	10	Noble	08/22/1984	PR	306	680			6470
13	x	05-123-23844	FrakerJ 6-2	Boomerang 12N-6B-M	117	Noble	06/23/2006	PR	940	680			1825
14	x	05-123-23844	FrakerJ 6-2	Boomerang 12C-6-M	131	Noble	06/23/2006	PR	940	680			1825
15	x	05-123-35548	Genesis #9-1	Boomerang 34N-6C-M	1293	KPK		XX		680			
16	x	05-123-11455	Greeley Tech Center 41-5	Boomerang 25N-3A-L	291	RWL Enterprises	11/01/1983	SI		480			
17	x	05-123-40240	Greeley-Rothe #1-0H	Boomerang 34N-6C-M	79	SRC		XX		680			
18	x	05-123-40245	Greeley-Rothe #1-1H	Boomerang 34N-6C-M	223	SRC		XX		680			
19	x	05-123-40242	Greeley-Rothe #1-2H	Boomerang 34N-6C-M		SRC		XX		680			
20	x	05-123-40246	Greeley-Rothe #1-3H	Boomerang 34N-6C-M		SRC		XX		680			
21	x	05-123-40243	Greeley-Rothe #1-4H	Boomerang 34N-6C-M		SRC		XX		680			
22	x	05-123-40291	Greeley-Rothe #1-5H	Boomerang 34N-6C-M		SRC		XX		680			
23	x	05-123-11722	KELLY #2-3	Boomerang 25N-3A-L		Noble	07/14/1984	PA	410	600			6350
24	x	05-123-11721	KELLY 1-3	Boomerang 28N-3A-L		Noble	07/14/1984	PA	425	600			6046
25	x	05-123-38134	Kelly Farms 12-4 -3CHZ	Boomerang 28N-3A-L		SRC	05/12/2014	PR	1200	600			6265
26	x	05-123-38137	Kelly Farms 21-4 -3NHZ	Boomerang 28N-3A-L		SRC		AL		600			
27	x	05-123-38139	Kelly Farms 21-4 -3NHZ #2	Boomerang 28N-3A-L		SRC		AL		600			
28	x	05-123-38133	Kelly Farms 22-4 -3CHZ	Boomerang 28N-3A-L		SRC	05/13/2014	PR	1200	600			6512
29	x	05-123-38135	Kelly Farms 22-4 -3NHZ #2	Boomerang 28N-3A-L		SRC		AL		600			
30	x	05-123-38138	Kelly Farms A-4- 3CHZ	Boomerang 28N-3A-L		SRC	06/11/2014	PR	1200	600			6529
31	x	05-123-38136	Kelly Farms A-4- 3NHZ	Boomerang 28N-3A-L		SRC	05/29/2014	PR	1200	600			6262
32	x	05-123-15684	LA POUDRE SOUTH 4	Boomerang 32N-6B-M		BLUE CHIP OIL INC	04/28/1992	PA	359	680			4200
33	x	05-123-24463	LOWE 31-14	Boomerang 32N-6B-M		SRC	02/05/2007	PR	870	680			6530

34	x	05-123-24876	LOWE 31-24D	Boomerang 32N-6B-M		SRC	05/07/2007	PR	854	680		6584
35	x	05-123-24464	LOWE 31-34D	Boomerang 32N-6B-M		SRC	02/28/2007	SI	864	680		6220
36	x	05-123-23761	LOWE 31-44D	Boomerang 32N-6B-M		SRC	01/17/2007	PR	776	680		6465
37	x	05-123-24890	LOWE 31-85	Boomerang 32N-6B-M		SRC	03/14/2007	PR	864	680		6035
38	x	05-123-11378	LOWELL 1-34	Boomerang 25N-3B-L		Noble	07/02/2011	PR	415	680		5950
39	x	05-123-18253	MAGNUSON 6- 2H6	Boomerang 12N-6B-M		SNYDER OIL CORP		AL		680		
40	x	05-123-11863	MAHAN 4-1	Boomerang 28C-3-L		PETROMAX ENERGY CORPORATIO N		AL		600		
41	x	05-123-43990	Orr 14C-32-M	Boomerang 32N-6B-M		SRC	01/02/2017	DG	1700	680		0
42	x	05-123-43986	Orr 14N-32C-M	Boomerang 32N-6B-M		SRC	01/01/2017	DG	1700	680		0
43	x	05-123-43987	Orr 23N-32A-M	Boomerang 32N-6B-M		SRC	12/31/2016	DG	1700	680		0
44	x	05-123-43985	Orr 23N-32B-M	Boomerang 32N-6B-M		SRC	12/30/2016	DG	1700	680		0
45	x	05-123-43988	Orr 36C-32-M	Boomerang 32N-6B-M		SRC	01/04/2017	DG	1700	680		0
46	x	05-123-43989	Orr 36N-32B-M	Boomerang 32N-6B-M		SRC	01/03/2017	DG	1700	680		0
47	x	05-123-43975	Orr State 15C-35 -M	Boomerang 32N-6B-M		SRC	01/08/2017	DG	1700	680		0
48	x	05-123-43973	Orr State 15N- 35B-M	Boomerang 32N-6B-M		SRC	01/09/2017	DG	1700	680		0
49	x	05-123-43974	Orr State 23C-35 -M	Boomerang 32N-6B-M		SRC	01/10/2017	DG	1700	680		0
50	x	05-123-43977	Orr State 36C-35 -M	Boomerang 32N-6B-M		SRC	01/06/2017	DG	1700	680		0
51	x	05-123-43976	Orr State 36N- 35B-M	Boomerang 32N-6B-M		SRC	01/07/2017	DG	1700	680		0
52	x	05-123-43978	Orr State 36N- 35C-M	Boomerang 32N-6B-M		SRC	01/05/2017	DG	1700	680		0
53	x	05-123-12419	PEANUT 1	Boomerang 32N-6C-M		Noble	06/25/1985	PR	311	680		6264
54	x	05-123-12419	PEANUT 1	Boomerang 12N-6B-M		Noble	06/25/1985	PR	311	680		6264
55	x	05-123-12535	PEANUT 2	Boomerang 13C-6-M		SUNSHINE VALLEY PETROLEUM		AL		680		
56	x	05-123-23762	PRR 32-14D	Boomerang 32N-6B-M		SRC	01/26/2007	PR	778	680		6642
57		05-123-19579	PSC J 5-11	Boomerang 34N-6C-M		Noble	05/28/1998	PR	395	680		6650
58	x	05-123-10387	REICHERT 1-6	Boomerang 12N-6B-M		BROOKS EXPLORATION INC		PA	211	680		
59		05-123-18428	ROTHER 1-11	Boomerang 12N-6B-M		Noble	10/10/1994	PR	360	680		6350
60	x	05-123-18429	ROTHER 1-14	Boomerang 34C-6-M		Noble	10/06/1994	PR	359	680		6301
61	x	05-123-23933	ROTHER 1-15	Boomerang 12C-6-M		Noble	06/02/2007	PR	856	680		2586
62	x	05-123-18766	ROTHER 12-6	Boomerang 34N-6A-M		BASIN EXPLORATION INC		AL		680		
63	x	05-123-25982	SOUTH 6-21D	Boomerang 34N-6A-M	0	SRC	12/07/2007	PR	849	680		6000
64	x	05-123-25982	SOUTH 6-21D	Boomerang 13C-6-M	0	SRC	12/07/2007	PR	849	680		6000
65	x	05-123-25982	SOUTH 6-21D	Boomerang 13N-6B-M	0	SRC	12/07/2007	PR		680		
66	x	05-123-25982	SOUTH 6-21D	Boomerang 33C-6-M	0	SRC	12/07/2007	PR	849	680		6000
67	x	05-123-25982	SOUTH 6-21D	Boomerang 33N-6C-M	0	SRC	12/07/2007	PR	849	680		6000
68	x	05-123-25982	SOUTH 6-21D	Boomerang 12C-6-M	0	SRC	12/07/2007	PR	849	680		6000

69	x	05-123-25982	SOUTH 6-21D	Boomerang 12N-6B-M	0	SRC	12/07/2007	PR	849	680			6000
70	x	05-123-25984	SOUTH 6-22D	Boomerang 34N-6C-M		SRC	12/01/2007	PR	841	680			1884
71	x	05-123-25984	SOUTH 6-22D	Boomerang 34C-6-M	0	SRC	12/01/2007	PR	841	680			1884
72	x	05-123-25984	SOUTH 6-22D	Boomerang 34N-6A-M	0	SRC	12/01/2007	PR	841	680			1884
73	x	05-123-25983	SOUTH 6-23D	Boomerang 34N-6C-M	0	SRC	11/23/2007	PR	832	680			2226
74	x	05-123-25981	SOUTH 6-24D	Boomerang 34N-6C-M		SRC	11/13/2007	PR	803	680			2860
75	x	05-123-30075	SRC 31-5D	Boomerang 25N-3A-L	0	SRC	11/12/2009	PR	638	680			3347
76	x	05-123-30075	SRC 31-5D	Boomerang 25N-3B-L	0	SRC	11/12/2009	PR	638	680			3347
77	x	05-123-30039	SRC 32DD	Boomerang 25N-3B-L		SRC	11/09/2009	PR	640	680			3720
78	x	05-123-30036	SRC 34-32	Boomerang 25N-3B-L		SRC	11/03/2009	PR	596	680			2650
79	x	05-123-30037	SRC 44-32D	Boomerang 25N-3B-L		SRC	11/16/2009	PR	638	680			3020
80	x	05-123-29617	SRC Northridge 11-4D	Boomerang 25N-3A-L		SRC	04/13/2010	PR	717	600			2040
81	x	05-123-29618	SRC Northridge 12-4D	Boomerang 28N-3A-L		SRC	04/30/2010	PR	719	600			2000
82	x	05-123-29619	SRC Northridge 21-4D	Boomerang 25N-3A-L		SRC	04/06/2010	PR	550	600			2670
83	x	05-123-29620	SRC Northridge 22-4D	Boomerang 28N-3A-L		SRC	05/07/2010	PR	680	600			2000
84	x	05-123-29596	SRC Northridge 4AD	Boomerang 28N-3A-L		SRC	04/24/2010	PR	746	600			2750
85	x	05-123-29657	SRC Northridge 4KD	Boomerang 28C-3-L	0	SRC	05/19/2010	PR	718	600			2370
86	x	05-123-29657	SRC Northridge 4KD	Boomerang 28N-3A-L	0	SRC	05/19/2010	PR	718	600			2370
87	x	05-123-29662	SRC NORTHBRIDGE 4ND	Boomerang 28N-3A-L		SRC		AL		600			
88	x	05-123-40066	SRC Wiedeman 11-5-3NCHZ	Boomerang 12C-6-M		SRC	09/03/2014	DG	1206	600			260
89	x	05-123-40065	SRC Wiedeman 12-5-4CHZ	Boomerang 13N-6B-M		SRC	09/03/2014	DG	1205	600			500
90	x	05-123-40068	SRC Wiedeman 12-5-4NCHZ	Boomerang 13C-6-M		SRC	09/03/2014	DG	1206	600			490
91	x	05-123-40560	SRC Wiedeman 21-5-3CHZ	Boomerang 25N-3A-L		SRC	11/13/2014	WO	1230	600			220
92	x	05-123-40069	SRC Wiedeman 21-5-3NBHZ	Boomerang 12N-6B-M		SRC	09/03/2014	DG	1205	600			140
93	x	05-123-40067	SRC Wiedeman 22-5-4CHZ	Boomerang 34C-6-M		SRC	09/03/2014	WO	1244	600			0
94	x	05-123-40063	SRC Wiedeman 22-5-4NBHZ	Boomerang 34N-6A-M		SRC	09/03/2014	WO	1206	600			350
95	x	05-123-40064	SRC Wiedeman A-5-3NBHZ	Boomerang 33N-6C-M		SRC	09/03/2014	DG	1206	600			0
96		05-123-17122	STEVENS 34-14	Boomerang 25N-3B-L		Noble	11/06/2004	SI	500	600			6218
97	x	05-123-20479	WIEDEMAN 11- 5	Boomerang 32N-6C-M		PDC ENERGY INC	10/25/2001	AL		680			
98	x	05-123-32055	WIEDEMAN 18- 5	Boomerang 33C-6-M		Noble	12/10/2010	SI	818	680			0
99	x	05-123-32055	WIEDEMAN 18- 5	Boomerang 33N-6C-M	0	Noble	12/10/2010	SI	818	680			0
100	x	05-123-32055	WIEDEMAN 18- 5	Boomerang 12C-6-M		Noble	12/10/2010	SI	818	680			0
101	x	05-123-20480	WIEDEMAN 21- 5	Boomerang 32N-6C-M		PDC ENERGY INC	10/30/2001	AL		680			
102	x	05-123-20480	WIEDEMAN 21- 5	Boomerang 12N-6B-M		PDC ENERGY INC	10/30/2001	AL		680			
103	x	05-123-32057	WIEDEMAN 22- 5	Boomerang 34N-6C-M	0	Noble	12/14/2010	SI	818	680			0
104	x	05-123-32057	WIEDEMAN 22- 5	Boomerang 34C-6-M	0	Noble	12/14/2010	SI	818	680			0
105	x	05-123-32057	WIEDEMAN 22- 5	Boomerang 34N-6A-M	0	Noble	12/14/2010	SI	818	680			0

106	x	05-123-32057	WIEDEMAN 22-5	Boomerang 13C-6-M		0	Noble	12/14/2010	SI	818	680			0
107	x	05-123-32057	WIEDEMAN 22-5	Boomerang 13N-6B-M		0	Noble	12/14/2010	SI	818	680			0
108	x	05-123-32057	WIEDEMAN 22-5	Boomerang 33C-6-M		0	Noble	12/14/2010	SI	818	680			0
109	x	05-123-32057	WIEDEMAN 22-5	Boomerang 33N-6C-M		0	Noble	12/14/2010	SI	818	680			0
110	x	05-123-32057	WIEDEMAN 22-5	Boomerang 33N-6C-M		0	Noble	12/14/2010	SI	818	680			0
111	x	05-123-32057	WIEDEMAN 22-5	Boomerang 33C-6-M		0	Noble	12/14/2010	SI	818	680			0
112	x	05-123-32057	WIEDEMAN 22-5	Boomerang 13N-6B-M		0	Noble	12/14/2010	SI	818	680			0
113	x	05-123-32057	WIEDEMAN 22-5	Boomerang 13C-6-M		0	Noble	12/14/2010	SI	818	680			0
114	x	05-123-32057	WIEDEMAN 22-5	Boomerang 34N-6A-M		0	Noble	12/14/2010	SI	818	680			0
115	x	05-123-32057	WIEDEMAN 22-5	Boomerang 34C-6-M		0	Noble	12/14/2010	SI	818	680			0
116	x	05-123-32057	WIEDEMAN 22-5	Boomerang 34N-6C-M		0	Noble	12/14/2010	SI	818	680			0
117	x	05-123-20484	WIEDEMAN 21-5	Boomerang 34N-6A-M			PDC ENERGY INC	11/01/2001	AL		680			
118	x	05-123-20484	WIEDEMAN 21-5	Boomerang 34N-6A-M			PDC ENERGY INC	11/01/2001	AL		680			
119	x	05-123-32054	WIEDEMAN 25-5	Boomerang 34N-6C-M			Noble	12/07/2010	SI	820	680			0
120	x	05-123-32054	WIEDEMAN 25-5	Boomerang 34C-6-M		0	Noble	12/07/2010	SI	820	680			0
121	x	05-123-32054	WIEDEMAN 25-5	Boomerang 34N-6A-M		0	Noble	12/07/2010	SI	820	680			0
122	x	05-123-32054	WIEDEMAN 25-5	Boomerang 13C-6-M		0	Noble	12/07/2010	SI	820	680			0
123	x	05-123-32054	WIEDEMAN 25-5	Boomerang 13N-6B-M		0	Noble	12/07/2010	SI	820	680			0
124	x	05-123-32054	WIEDEMAN 25-5	Boomerang 33C-6-M		0	Noble	12/07/2010	SI	820	680			0
125	x	05-123-32056	WIEDEMAN 29-5	Boomerang 12C-6-M		0	Noble	11/24/2010	SI	819	680			0
126	x	05-123-32056	WIEDEMAN 29-5	Boomerang 12N-6B-M		0	Noble	11/24/2010	SI	819	680			0
127	x	05-123-32056	WIEDEMAN 29-5	Boomerang 32N-6C-M		0	Noble	11/24/2010	SI	819	680			0
128	x	05-123-32056	WIEDEMAN 29-5	Boomerang 32C-6-M		0	Noble	11/24/2010	SI	819	680			0
129	x	05-123-32056	WIEDEMAN 29-5	Boomerang 32N-6B-M		0	Noble	11/24/2010	SI	819	680			0
130	x	05-123-32062	WIEDEMAN 3-5	Boomerang 12C-6-M		0	Noble	12/01/2010	SI	841	680			0
131	x	05-123-32062	WIEDEMAN 3-5	Boomerang 12N-6B-M		0	Noble	12/01/2010	SI	841	680			0
132	x	05-123-32062	WIEDEMAN 3-5	Boomerang 32N-6C-M			Noble	12/01/2010	SI	841	680			0
133	x	05-123-32058	WIEDEMAN 4-5	Boomerang 12C-6-M		0	Noble	11/27/2010	SI	818	680			0
134	x	05-123-32058	WIEDEMAN 4-5	Boomerang 12N-6B-M		0	Noble	11/27/2010	SI	818	680			0
135	x	05-123-32058	WIEDEMAN 4-5	Boomerang 32N-6C-M			Noble	11/27/2010	SI	818	680			0
136	x	05-123-32059	WIEDEMAN 5-5	Boomerang 34N-6A-M			Noble	12/03/2010	SI	818	680			0
137	x	05-123-32059	WIEDEMAN 5-5	Boomerang 13C-6-M		0	Noble	12/03/2010	SI	818	680			0
138	x	05-123-32059	WIEDEMAN 5-5	Boomerang 13N-6B-M		0	Noble	12/03/2010	SI	818	680			0
139	x	05-123-32059	WIEDEMAN 5-5	Boomerang 33C-6-M		0	Noble	12/03/2010	SI	818	680			0
140	x	05-123-32059	WIEDEMAN 5-5	Boomerang 33N-6C-M		0	Noble	12/03/2010	SI	818	680			0
141	x	05-123-32059	WIEDEMAN 5-5	Boomerang 12C-6-M			Noble	12/03/2010	SI	818	680			0
142	x	05-123-32052	WIEDEMAN 6-5	Boomerang 34N-6A-M			Noble	12/17/2010	SI	818	680			0

143	x	05-123-32052	WIEDEMAN 6-5	Boomerang 13C-6-M	0	Noble	12/17/2010	SI	818	680			0
144	x	05-123-32052	WIEDEMAN 6-5	Boomerang 13N-6B-M	0	Noble	12/17/2010	SI	818	680			0
145	x	05-123-32052	WIEDEMAN 6-5	Boomerang 33C-6-M	0	Noble	12/17/2010	SI	818	680			0
146	x	05-123-32052	WIEDEMAN 6-5	Boomerang 33N-6C-M	0	Noble	12/17/2010	SI	818	680			0
147	x	05-123-32052	WIEDEMAN 6-5	Boomerang 12C-6-M		Noble	12/17/2010	SI	818	680			0
148	x	05-123-12029	WILLIAMS 1-34	Boomerang 25N-3B-L		BELLWETHER EXPLORATION COMPANY	09/27/1984	PA	450	600			6364
149	x	05-123-22105	WILLIAMS I 34- 13X	Boomerang 25N-3B-L		Noble	05/13/2004	PR	531	600	x		6438

Total Wells: 149

Meets Standard(STD): 139

Needs Evaluation: 10