

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		05-123-10461	SEVERIN & CO. 1	LEFFLER L-26-28HN	1126	LECLAIR-WESTWOOD INC	12/09/1981	PA	223	560	x		0
2		05-123-11292	LEFFLER 1-27	LEFFLER C-26-28HN	168	TRAILBLAZER OIL & GAS CO	09/28/1983	PA	324	560			
3		05-123-11293	MAGNUSSON 1-23	LEFFLER F-26-28HC	901	PDC ENERGY INC	08/06/1983	DA	320	560	x		
4	x	05-123-26686	LEFFLER 32-27	LEFFLER J-26-28HN	15	PDC ENERGY INC	02/10/2010	PR	633	560		7392	200
5	x	05-123-26687	LEFFLER 31-27	LEFFLER C-26-28HN	33	PDC ENERGY INC	02/05/2010	PR	640	560		7439	200
6	x	05-123-26688	LEFFLER 41-27	LEFFLER C-26-28HN	43	PDC ENERGY INC	01/31/2010	PR	649	560		7396	1150
7	x	05-123-26690	LEFFLER 27C	LEFFLER G-26-28HN	149	PDC ENERGY INC	02/18/2010	PR	639	560		7480	6570
8	x	05-123-26691	LEFFLER 42-27	LEFFLER J-26-28HN	3	PDC ENERGY INC	02/14/2010	PR	626	560		7410	2890
9	x	05-123-28105	MANENTI 20-44	LEFFLER A-26-28HN	1103	GREAT WESTERN OPERATING COMPANY LLC	09/30/2011	SI	860	560		7441	2784
10		05-123-29850	COT USX II 27-11C	LEFFLER L-26-28HN	867	NOBLE ENERGY INC		AL		560			
11		05-123-34193	SRC LEFFLER 11-26D	LEFFLER L-26-28HN	939	SRC ENERGY INC		AL		560			
12		05-123-34196	SRC LEFFLER 12-26D	LEFFLER L-26-28HN	972	SRC ENERGY INC		AL		560			
13		05-123-34260	SRC LEFFLER 22-26D	LEFFLER L-26-28HN	1006	SRC ENERGY INC		AL		560			
14		05-123-34261	SRC LEFFLER 26A	LEFFLER L-26-28HN	972	SRC ENERGY INC		AL		560			
15		05-123-34262	SRC LEFFLER 21-26D	LEFFLER L-26-28HN	1023	SRC ENERGY INC		AL		560			
16	x	05-123-34628	MANENTI 20-34	LEFFLER A-26-28HN	1103	GREAT WESTERN OPERATING COMPANY LLC	11/02/2011	SI	898	560		7623	3350
17		05-123-34905	MAGNUSON 22-54	LEFFLER A-26-28HN	1452	GREAT WESTERN OPERATING COMPANY LLC		AL		560			
18		05-123-34938	MAGNUSON 22-44	LEFFLER A-26-28HN	647	GREAT WESTERN OPERATING COMPANY LLC		AL		560			
19		05-123-35017	MAGNUSON 22-34	LEFFLER A-26-28HN	659	GREAT WESTERN OPERATING COMPANY LLC		AL		560			
20	x	05-123-35275	MAGNUSON 23L-221	LEFFLER F-26-28HC	593	PDC ENERGY INC	01/15/2013	PR	900	560		7239	
21	x	05-123-35278	MAGNUSON 23L-201	LEFFLER F-26-28HC	615	PDC ENERGY INC	02/15/2013	PR	875	560			600
22	x	05-123-35801	MAGNUSON 23L-421	LEFFLER F-26-28HC	649	PDC ENERGY INC	02/28/2013	PR	910	560		7952	450
23	x	05-123-35854	MAGNUSON 23L-421	LEFFLER F-26-28HC	593	PDC ENERGY INC	02/01/2013	PR	924	560		9413	
24	x	05-123-37055	THORNTON 12-22	LEFFLER A-26-28HN	392	PDC ENERGY INC	04/14/2013	PR	885	560		7860	1570
25	x	05-123-37056	THORNTON 13-22	LEFFLER A-26-28HN	392	PDC ENERGY INC	04/08/2013	PR	886	560		7616	1484
26		05-123-37057	THORNTON 19-22	LEFFLER A-26-28HN	392	BAYSWATER EXPLORATION & PRODUCTION LLC		AL		560			

27		05-123-37058	THORNTON 11-22	LEFFLER A-26-28HN	392	BAYSWATER EXPLORATION & PRODUCTION LLC		AL		560			
28		05-123-37059	THORNTON 14-22	LEFFLER A-26-28HN	392	BAYSWATER EXPLORATION & PRODUCTION LLC		AL		560			
29		05-123-37444	THORNTON 35-22	LEFFLER A-26-28HN	392	BAYSWATER EXPLORATION & PRODUCTION LLC		AL		560			
30		05-123-37446	THORNTON 32-22	LEFFLER A-26-28HN	392	BAYSWATER EXPLORATION & PRODUCTION LLC		AL		560			
31		05-123-37456	THORNTON 33-22	LEFFLER A-26-28HN	392	BAYSWATER EXPLORATION & PRODUCTION LLC		AL		560			
32		05-123-37474	THORNTON 34-22	LEFFLER A-26-28HN	392	BAYSWATER EXPLORATION & PRODUCTION LLC		AL		560			
33		05-123-37478	THORNTON 22-22	LEFFLER A-26-28HN	392	BAYSWATER EXPLORATION & PRODUCTION LLC		AL		560			
34	x	05-123-37580	SRC LEFFLER B-26CHZ	LEFFLER F-26-28HC	674	BAYSWATER EXPLORATION & PRODUCTION LLC	09/20/2013	PR	579	560		7717	1826
35	x	05-123-37581	SRC LEFFLER 23-26NHZ	LEFFLER F-26-28HC	708	BAYSWATER EXPLORATION & PRODUCTION LLC	09/05/2013	PR	550	560		7159	1774
36	x	05-123-37582	SRC LEFFLER 13-26NHZ	LEFFLER F-26-28HC	674	BAYSWATER EXPLORATION & PRODUCTION LLC	10/08/2013	PR	588	560		7144	1786
37	x	05-123-37583	SRC LEFFLER 14-26NHZ	LEFFLER F-26-28HC	623	BAYSWATER EXPLORATION & PRODUCTION LLC	10/21/2013	PR	586	560		7143	272
38	x	05-123-37584	SRC LEFFLER 24-26NHZ	LEFFLER F-26-28HC	708	BAYSWATER EXPLORATION & PRODUCTION LLC	08/22/2013	PR	577	560		7264	2244
39	x	05-123-37772	SRC LEFFLER P-26NHZ	LEFFLER F-26-28HC	759	BAYSWATER EXPLORATION & PRODUCTION LLC	08/07/2013	PR	582	560		7295	1392
40		05-123-37915	THORNTON 28K-223	LEFFLER L-26-28HN	51	PDC ENERGY INC		AL		560			
41		05-123-37933	THORNTON 28K-423	LEFFLER KA-26-28HN	3	PDC ENERGY INC		AL		560			
42		05-123-37934	THORNTON 28G-223	LEFFLER K-26-28HC	21	PDC ENERGY INC		AL		560			
43		05-123-37935	THORNTON 28G-423	LEFFLER K-26-28HC	21	PDC ENERGY INC		AL		560			
44		05-123-37936	THORNTON 28K-303	LEFFLER KA-26-28HN	3	PDC ENERGY INC		AL		560			
45		05-123-37938	THORNTON 28K-443	LEFFLER KA-26-28HN	4	PDC ENERGY INC		AL		560			
46	x	05-123-38282	SRC LEFFLER H-26NHZ	LEFFLER F-26-28HC	573	SRC ENERGY INC		XX		560			
47	x	05-123-38283	SRC LEFFLER P-26CHZ	LEFFLER F-26-28HC	725	SRC ENERGY INC		XX		560			
48	x	05-123-38284	SRC LEFFLER H-26CHZ	LEFFLER F-26-28HC	623	SRC ENERGY INC		XX		560			

49		05-123-38432	THORNTON 28O-303	LEFFLER L-26-28HN	348	PDC ENERGY INC		AL		560			
50		05-123-38433	THORNTON 28O-403	LEFFLER L-26-28HN	348	PDC ENERGY INC		AL		560			
51		05-123-38434	THORNTON 28S-443	LEFFLER L-26-28HN	349	PDC ENERGY INC		AL		560			
52		05-123-38435	THORNTON 28S-303	LEFFLER L-26-28HN	349	PDC ENERGY INC		AL		560			
53		05-123-38436	THORNTON 28O-223	LEFFLER L-26-28HN	349	PDC ENERGY INC		AL		560			
54		05-123-38437	THORNTON 28O-443	LEFFLER L-26-28HN	348	PDC ENERGY INC		AL		560			
55		05-123-38438	THORNTON 28S-403	LEFFLER L-26-28HN	356	PDC ENERGY INC		AL		560			
56		05-123-38439	THORNTON 28W-443	LEFFLER L-26-28HN	356	PDC ENERGY INC		AL		560			
57		05-123-38440	THORNTON 28W-303	LEFFLER L-26-28HN	357	PDC ENERGY INC		AL		560			
58		05-123-38441	THORNTON 28S-223	LEFFLER L-26-28HN	356	PDC ENERGY INC		AL		560			
59	x	05-123-43589	THORNTON H-29-30HC	LEFFLER H-26-28HC	30	BAYSWATER EXPLORATION & PRODUCTION LLC	11/03/2016	PR	1547	560		7633	1750
60		05-123-43590	THORNTON O-29-30HN	LEFFLER I-26-28HH	39	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
61		05-123-43591	THORNTON Q-29-30HC	LEFFLER I-26-28HH	39	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
62	x	05-123-43592	THORNTON L-29-30HN	LEFFLER HA-26-28HN	13	BAYSWATER EXPLORATION & PRODUCTION LLC	10/31/2016	PR	1548	560		7210	6300
63	x	05-123-43593	THORNTON F-29-30HN	LEFFLER HA-26-28HN	13	BAYSWATER EXPLORATION & PRODUCTION LLC	06/03/2018	DG	1552	560		7240	260
64	x	05-123-43594	THORNTON W-29-30HC	LEFFLER I-26-28HH	28	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
65		05-123-43595	THORNTON M-29-30HN	LEFFLER HA-26-28HN	13	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
66	x	05-123-43596	THORNTON J-29-30HN	LEFFLER HA-26-28HN	13	BAYSWATER EXPLORATION & PRODUCTION LLC	11/02/2016	PR	1542	560		7142	300
67	x	05-123-43597	THORNTON E-29-30HC	LEFFLER HA-26-28HN	13	BAYSWATER EXPLORATION & PRODUCTION LLC	06/04/2018	DG	1551	560		7668	50
68	x	05-123-43598	THORNTON G-29-30HN	LEFFLER H-26-28HC	30	BAYSWATER EXPLORATION & PRODUCTION LLC	11/04/2016	PR	1547	560		7132	1530
69	x	05-123-43599	THORNTON K-29-30HC	LEFFLER HA-26-28HN	13	BAYSWATER EXPLORATION & PRODUCTION LLC	11/01/2016	PR	1548	560		7683	6870
70		05-123-43600	THORNTON P-29-30HN	LEFFLER I-26-28HH	39	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			

71	x	05-123-43601	THORNTON U-29-30HN	LEFFLER I-26-28HH	28	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
72		05-123-43602	THORNTON N-29-30HC	LEFFLER I-26-28HH	39	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
73	x	05-123-43603	THORNTON V-29-30HN	LEFFLER I-26-28HH	28	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
74	x	05-123-43604	THORNTON D-29-30HN	LEFFLER HA-26-28HN	13	BAYSWATER EXPLORATION & PRODUCTION LLC	06/05/2018	DG	1552	560		7224	790
75	x	05-123-43605	THORNTON A-29-30HN	LEFFLER H-26-28HC	29	BAYSWATER EXPLORATION & PRODUCTION LLC	06/07/2018	DG	1552	560		7337	50
76	x	05-123-43606	THORNTON S-29-30HN	LEFFLER I-26-28HH	39	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
77		05-123-43607	THORNTON R-29-30HN	LEFFLER I-26-28HH	39	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
78	x	05-123-43608	THORNTON X-29-30HN	LEFFLER I-26-28HH	94	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
79	x	05-123-43609	THORNTON I-29-30HN	LEFFLER HA-26-28HN	13	BAYSWATER EXPLORATION & PRODUCTION LLC	11/02/2016	PR	1544	560		7155	800
80	x	05-123-43610	THORNTON C-29-30HN	LEFFLER HA-26-28HN	13	BAYSWATER EXPLORATION & PRODUCTION LLC	06/06/2018	DG	1553	560		7258	50
81	x	05-123-43611	THORNTON B-29-30HC	LEFFLER H-26-28HC	29	BAYSWATER EXPLORATION & PRODUCTION LLC	06/06/2018	DG	1552	560		7784	1050
82	x	05-123-43612	THORNTON T-29-30HC	LEFFLER I-26-28HH	28	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
83		05-123-46027	G & D Hanks M-27-28HN	LEFFLER L-26-28HN	1483	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
84		05-123-46034	G & D Hanks N-27-28HC	LEFFLER L-26-28HN	1483	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
85		05-123-46290	G & D Hanks NA-27-28HN	LEFFLER L-26-28HN	1483	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
86		05-123-37411	THORNTON 21U-203	LEFFLER A-26-28HN	686	PDC ENERGY INC		XX		560			
87		05-123-37226	THORNTON 21U-443	LEFFLER A-26-28HN	689	PDC ENERGY INC		XX		560			
88		05-123-37125	THORNTON 21R-223	LEFFLER A-26-28HN	693	PDC ENERGY INC		XX		560			
89	x	05-123-37129	THORNTON 21R-403	LEFFLER A-26-28HN	696	PDC ENERGY INC	07/10/2013	PR	875	560			500
90		05-123-37126	THORNTON 21R-243	LEFFLER A-26-28HN	633	PDC ENERGY INC		XX		560			

91		05-123-37414	THORNTON 21M-423	LEFFLER A- 26-28HN	637	PDC ENERGY INC		XXX		560			
92		05-123-36987	THORNTON 21O-243	LEFFLER A- 26-28HN	0	PDC ENERGY INC		XX		560			
93		05-123-36859	THORNTON 21K-423	LEFFLER A- 26-28HN	0	PDC ENERGY INC		XX		560			
94		05-123-36858	THORNTON 21K-303	LEFFLER A- 26-28HN	0	PDC ENERGY INC		XX		560			
95	x	05-123-37128	THORNTON 21K-443	LEFFLER A- 26-28HN	0	PDC ENERGY INC	07/25/2013	PR	875	560			500
96		05-123-37127	THORNTON 21G-223	LEFFLER A- 26-28HN	0	PDC ENERGY INC		XX		560			
97		05-123-37407	THORNTON 21G-403	LEFFLER A- 26-28HN	0	PDC ENERGY INC		XX		560			
98		05-123-40476	LIND EE 20- 322HN	LEFFLER A- 26-28HN	1327	GREAT WESTERN OPERATING COMPANY LLC		XX		560			
99		05-123-40480	LIND EE 20- 359HC	LEFFLER A- 26-28HN	1062	GREAT WESTERN OPERATING COMPANY LLC		XX		560			
100		05-123-40477	LIND EE 20- 362HN	LEFFLER A- 26-28HN	814	GREAT WESTERN OPERATING COMPANY LLC		XX		560			
101		05-123-40478	LIND EE 20- 399HN	LEFFLER A- 26-28HN	491	GREAT WESTERN OPERATING COMPANY LLC		XX		560			
102		05-123-46029	G & D HANKS O- 27-28HN	LEFFLER L- 26-28HN	648	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
103		05-123-46032	G & D HANKS P-27-28HN	LEFFLER L- 26-28HN	938	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
104		05-123-46031	G & D HANKS Q-27-28HC	LEFFLER L- 26-28HN	1160	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
105		05-123-46028	G & D HANKS R-27-28HN	LEFFLER L- 26-28HN	1360	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
106	x	05-123-32193	G & D HANKS 10-27	LEFFLER L- 26-28HN	879	PDC ENERGY INC	03/29/2011	PR	840	560		7460	6866
107	x	05-123-34253	SRC LEFFLER 13-26D	LEFFLER L- 26-28HN	1087	BAYSWATER EXPLORATION & PRODUCTION LLC	11/11/2011	SI	794	560		7396	2400
108		05-123-46282	G & D HANKS QA-27-28HN	LEFFLER L- 26-28HN	1160	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
109		05-123-46034	G & D HANKS N-27-28HC	LEFFLER L- 26-28HN	494	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			
110		05-123-46290	G & D HANKS NA-27-28HN	LEFFLER L- 26-28HN	503	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		560			

Total Wells: 110

Meets Standard(STD): 44

Needs Evaluation: 66