

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	05-123-23814	TJADEN 36-11	COT WEST X-30-25HN	851	NOBLE ENERGY INC	06/25/2006	SI	996	410		7386	3308
2		05-123-25129	WADSWORTH 36-12	COT WEST X-30-25HN	885	NOBLE ENERGY INC	05/13/2007	PA	492	410		7387	2883
3		05-123-26648	MRJV 2	COT WEST X-30-25HN	882	EXTRACTION OIL & GAS INC	12/17/2007	PA	452	410		7755	1930
4	x	05-123-28112	Moody 31-32D	COT EAST X-30-29HN	841	PDC ENERGY INC	03/11/2011	PR	946	410		7503	
5	x	05-123-28116	Moody 41-32D	COT EAST X-30-29HN	1001	PDC ENERGY INC	03/16/2011	PR	951	410		7578	
6	x	05-123-34546	Rotharmel 11- 32H	COT EAST X-30-29HN	1398	PDC ENERGY INC	10/28/2011	SI	876	410		7108	
7	x	05-123-36615	Casa Loma 18- 25	COT WEST M-30-25HN	1420	EXTRACTION OIL & GAS INC	02/23/2013	SI	754	410		7604	1532
8	x	05-123-37128	Thornton 21K- 443	COT EAST M-30-29HN	1412	PDC ENERGY INC	07/25/2013	PR	875	410			500
9	x	05-123-40822	Hergert North 35W-15-11N	COT WEST X-30-25HN	1366	EXTRACTION OIL & GAS INC	09/27/2017	PR	1500	410			1500
10	x	05-123-40823	Hergert North 35W-15-9C	COT WEST X-30-25HN	1313	EXTRACTION OIL & GAS INC		XX		410			
11	x	05-123-40824	Hergert North 35W-15-4N	COT WEST X-30-25HN	1012	EXTRACTION OIL & GAS INC	09/24/2017	PR	1500	410			1500
12	x	05-123-40825	Hergert North 35W-15-2N	COT WEST X-30-25HN	694	EXTRACTION OIL & GAS INC	09/23/2017	PR	1500	410			1500
13		05-123-40826	Hergert North 35W-15-6C	COT WEST X-30-25HN	1406	EXTRACTION OIL & GAS INC		XX		410			
14	x	05-123-40827	Hergert North 35W-15-8N	COT WEST X-30-25HN	1288	EXTRACTION OIL & GAS INC	09/26/2017	PR	1500	410			1500
15	x	05-123-40828	HERGERT NORTH 35W-15- 7C	COT WEST X-30-25HN	1260	EXTRACTION OIL & GAS INC	09/25/2017	PR	1500	410			1500
16	x	05-123-40829	Hergert North 35W-15-5N	COT WEST X-30-25HN	1340	EXTRACTION OIL & GAS INC	09/25/2017	PR	1500	410			1500
17	x	05-123-40830	HERGERT NORTH 35W-15- 1C	COT WEST X-30-25HN	366	EXTRACTION OIL & GAS INC	09/23/2017	PR	1500	410			1500
18	x	05-123-40831	Hergert North 35W-15-12C	COT WEST X-30-25HN	1395	EXTRACTION OIL & GAS INC		XX		410			
19	x	05-123-40832	Hergert North 35W-15-10N	COT WEST X-30-25HN	1341	EXTRACTION OIL & GAS INC	09/26/2017	PR	1500	410			1500
20		05-123-40833	Hergert North 35W-15-3C	COT WEST X-30-25HN	851	EXTRACTION OIL & GAS INC		XX		410			
21	x	05-123-41413	Walton G-25HN	COT WEST M-30-25HN	1299	EXTRACTION OIL & GAS INC	07/13/2015	PR	1536	410		7679	
22	x	05-123-41415	Walton H-25HC	COT WEST M-30-25HN	966	EXTRACTION OIL & GAS INC	07/15/2015	PR	782	410		7983	54
23	x	05-123-41417	Walton J-25HN	COT WEST M-30-25HN	601	EXTRACTION OIL & GAS INC	07/16/2015	PR	783	410		7700	42
24	x	05-123-41420	Walton L-25HN	COT WEST M-30-25HN	247	EXTRACTION OIL & GAS INC	07/18/2015	PR	785	410		7693	65
25	x	05-123-41421	Walton I-25HN	COT WEST M-30-25HN	818	EXTRACTION OIL & GAS INC	07/16/2015	PR	1538	410		7631	90
26	x	05-123-41423	Walton K-25HC	COT WEST M-30-25HN	417	EXTRACTION OIL & GAS INC	07/18/2015	PR	783	410		7829	104
27	x	05-123-41993	Hester Farms A- 36HN	COT WEST X-30-25HN	388	EXTRACTION OIL & GAS INC	11/06/2016	PR	1500	410			1500
28	x	05-123-41994	Hester Farms D- 36HN	COT WEST X-30-25HN	1047	EXTRACTION OIL & GAS INC	11/05/2016	PR	1500	410			1500
29	x	05-123-41997	Hester Farms E- 36HC	COT WEST X-30-25HN	1206	EXTRACTION OIL & GAS INC	11/04/2016	PR	1500	410		7856	210
30	x	05-123-41998	Hester Farms B- 36HC	COT WEST X-30-25HN	555	EXTRACTION OIL & GAS INC	11/06/2016	PR	1500	410			1500
31	x	05-123-42001	Hester Farms F- 36HN	COT WEST X-30-25HN	1367	EXTRACTION OIL & GAS INC	11/03/2016	PR	1500	410		7183	100
32	x	05-123-42002	Hester Farms C- 36HN	COT WEST X-30-25HN	713	EXTRACTION OIL & GAS INC	11/06/2016	PR	1500	410			1500

33	x	05-123-43589	Thornton H-29-30HC	COT WEST M-30-25HN	1082	BAYSWATER EXPLORATION & PRODUCTION LLC	11/03/2016	PR	1547	410	7633	1750
34		05-123-43590	Thornton O-29-30HN	COT EAST O-30-29HN	0	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410		
35		05-123-43591	Thornton Q-29-30HC	COT EAST QA-30-29HN	0	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410		
36	x	05-123-43592	Thornton L-29-30HN	COT WEST M-30-25HN	257	BAYSWATER EXPLORATION & PRODUCTION LLC	10/31/2016	PR	1548	410	7210	6300
37	x	05-123-43593	Thornton F-29-30HN	COT EAST M-30-29HN	1271	BAYSWATER EXPLORATION & PRODUCTION LLC	06/03/2018	DG	1552	410	7240	260
38	x	05-123-43594	Thornton W-29-30HC	COT EAST WA-30-29HN	0	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410		
39		05-123-43595	Thornton M-29-30HN	COT WEST M-30-25HN	0	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410		
40	x	05-123-43596	Thornton J-29-30HN	COT WEST M-30-25HN	586	BAYSWATER EXPLORATION & PRODUCTION LLC	11/02/2016	PR	1542	410	7142	300
41	x	05-123-43597	Thornton E-29-30HC	COT EAST M-30-29HN	1286	BAYSWATER EXPLORATION & PRODUCTION LLC	06/04/2018	DG	1551	410	7668	50
42	x	05-123-43598	Thornton G-29-30HN	COT WEST M-30-25HN	1246	BAYSWATER EXPLORATION & PRODUCTION LLC	11/04/2016	PR	1547	410	7132	1530
43	x	05-123-43599	Thornton K-29-30HC	COT WEST M-30-25HN	422	BAYSWATER EXPLORATION & PRODUCTION LLC	11/01/2016	PR	1548	410	7683	6870
44		05-123-43600	Thornton P-29-30HN	COT EAST P-30-29HN	0	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410		
45	x	05-123-43601	Thornton U-29-30HN	COT EAST U-30-29HN	0	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410		
46		05-123-43602	Thornton N-29-30HC	COT EAST NA-30-29HN	0	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410		
47	x	05-123-43603	Thornton V-29-30HN	COT EAST V-30-29HN	0	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410		
48	x	05-123-43604	Thornton D-29-30HN	COT EAST M-30-29HN	1300	BAYSWATER EXPLORATION & PRODUCTION LLC	06/05/2018	DG	1552	410	7224	790
49	x	05-123-43605	Thornton A-29-30HN	COT EAST M-30-29HN	1340	BAYSWATER EXPLORATION & PRODUCTION LLC	06/07/2018	DG	1552	410	7337	50

50	x	05-123-43606	Thornton S-29-30HN	COT EAST S-30-29HN	0	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410			
51		05-123-43607	Thornton R-29-30HN	COT EAST R-30-29HN	0	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410			
52	x	05-123-43608	Thornton X-29-30HN	COT EAST X-30-29HN	0	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410			
53	x	05-123-43609	Thornton I-29-30HN	COT WEST M-30-25HN	917	BAYSWATER EXPLORATION & PRODUCTION LLC	11/02/2016	PR	1544	410		7155	800
54	x	05-123-43610	Thornton C-29-30HN	COT EAST M-30-29HN	1313	BAYSWATER EXPLORATION & PRODUCTION LLC	06/06/2018	DG	1553	410		7258	50
55	x	05-123-43611	Thornton B-29-30HC	COT EAST M-30-29HN	1328	BAYSWATER EXPLORATION & PRODUCTION LLC	06/06/2018	DG	1552	410		7784	1050
56	x	05-123-43612	Thornton T-29-30HC	COT EAST TA-30-29HN	0	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410			
57	x	05-123-45170	LAUNER 26W-15-2C	COT WEST N-30-25HC	182	EXTRACTION OIL & GAS INC	11/06/2017	PR	1554	410		7945	76
58	x	05-123-45172	LAUNER 26W-15-5N	COT WEST Q-30-25HC	174	EXTRACTION OIL & GAS INC	11/04/2017	PR	1554	410		7199	237
59	x	05-123-45173	LAUNER 26W-15-6N	COT WEST R-30-25HN	226	EXTRACTION OIL & GAS INC	11/04/2017	PR	1554	410		7135	120
60	x	05-123-45175	LAUNER 26W-15-3N	COT WEST P-30-25HN	190	EXTRACTION OIL & GAS INC	10/30/2017	PR	1554	410		7365	508
61	x	05-123-45176	LAUNER 26W-15-8C	COT WEST TA-30-25HN	169	EXTRACTION OIL & GAS INC	11/03/2017	PR	1554	410		7650	159
62	x	05-123-45178	LAUNER 26W-15-12N	COT WEST X-30-25HN	169	EXTRACTION OIL & GAS INC	11/01/2017	PR	1543	410		7194	114
63	x	05-123-45179	LAUNER 26W-15-9N	COT WEST U-30-25HN	183	EXTRACTION OIL & GAS INC	11/02/2017	PR	1554	410		7279	306
64	x	05-123-45180	LAUNER 26W-15-11N	COT WEST V-30-25HN	171	EXTRACTION OIL & GAS INC	11/02/2017	PR	1542	410		7069	212
65		05-123-46027	G & D Hanks M-27-28HN	COT EAST M-30-29HN	154	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410			
66		05-123-46028	G & D Hanks R-27-28HN	COT EAST R-30-29HN	153	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410			
67		05-123-46029	G & D Hanks O-27-28HN	COT EAST O-30-29HN	154	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410			
68	x	05-123-46030	G & D Hanks X-27-28HN	COT EAST X-30-29HN	158	BAYSWATER EXPLORATION & PRODUCTION LLC	03/23/2018	DG	1552	410		7413	70
69		05-123-46031	G & D Hanks Q-27-28HC	COT EAST Q-30-29HC	154	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410			
70		05-123-46032	G & D Hanks P-27-28HN	COT EAST P-30-29HN	161	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410			

71	x	05-123-46033	G & D Hanks U-27-28HN	COT EAST U-30-29HN	156	BAYSWATER EXPLORATION & PRODUCTION LLC	03/27/2018	DG	1553	410		7047	55
72		05-123-46034	G & D Hanks N-27-28HC	COT EAST N-30-29HC	155	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410			
73	x	05-123-46035	G & D Hanks V-27-28HN	COT EAST V-30-29HN	159	BAYSWATER EXPLORATION & PRODUCTION LLC	03/26/2018	DG	1553	410		7364	50
74	x	05-123-46036	G & D Hanks S-27-28HN	COT EAST S-30-29HN	155	BAYSWATER EXPLORATION & PRODUCTION LLC	03/29/2018	DG	1556	410		7077	80
75	x	05-123-46276	G & D Hanks W-27-28HC	COT EAST W-30-29HC	156	BAYSWATER EXPLORATION & PRODUCTION LLC	03/24/2018	DG	1553	410		7941	0
76	x	05-123-46279	G & D Hanks T-27-28HC	COT EAST T-30-29HC	154	BAYSWATER EXPLORATION & PRODUCTION LLC	03/28/2018	DG	1553	410		7888	20
77		05-123-46282	G & D Hanks QA-27-28HN	COT EAST QA-30-29HN	155	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410			
78	x	05-123-46288	G & D Hanks TA-27-28HN	COT EAST T-30-29HC	174	BAYSWATER EXPLORATION & PRODUCTION LLC	03/28/2018	DG	1553	410		7432	70
79		05-123-46290	G & D Hanks NA-27-28HN	COT EAST N-30-29HC	158	BAYSWATER EXPLORATION & PRODUCTION LLC		XX		410			
80	x	05-123-46295	G & D Hanks WA-27-28HN	COT EAST W-30-29HC	169	BAYSWATER EXPLORATION & PRODUCTION LLC	03/25/2018	DG	1554	410		7450	33
81	x	05-123-47387	Hester Farms II C-31-32HN	COT EAST X-30-29HN	678	BAYSWATER EXPLORATION & PRODUCTION LLC	10/14/2018	DG	1547	410			570
82	x	05-123-47389	Hester Farms II E-31-32HN	COT EAST X-30-29HN	1098	BAYSWATER EXPLORATION & PRODUCTION LLC	10/12/2018	DG	1574	410			100
83	x	05-123-47390	Hester Farms II B-31-32HN	COT EAST X-30-29HN	468	BAYSWATER EXPLORATION & PRODUCTION LLC	10/14/2018	DG	1548	410			800
84	x	05-123-47392	Hester Farms II F-31-32HN	COT EAST X-30-29HN	1308	BAYSWATER EXPLORATION & PRODUCTION LLC	10/11/2018	DG	1551	410			75
85	x	05-123-47394	Hester Farms II A-31-32HN	COT EAST X-30-29HN	255	BAYSWATER EXPLORATION & PRODUCTION LLC	10/15/2018	DG	1549	410			165
86	x	05-123-47395	Hester Farms II D-31-32HC	COT EAST X-30-29HN	885	BAYSWATER EXPLORATION & PRODUCTION LLC	10/15/2018	DG	1554	410			330
87		05-123-48228	LIND 26W-30-5N	COT WEST M-30-25HN	970	EXTRACTION OIL & GAS INC		XX		410			
88		05-123-48230	LIND 26W-15-4C	COT WEST M-30-25HN	1413	EXTRACTION OIL & GAS INC		XX		410			

89		05-123-48231	LIND 26W-30-6N	COT WEST M-30-25HN	534	EXTRACTION OIL & GAS INC		XX		410			
90	x	05-123-07325	FRED FELTE 1	COT WEST X-30-25HN	80	R L FOREE & MAX L THOMAS	05/26/1971	PA	659	410		7924	
91	x	05-123-07418	KING 1	COT EAST T-30-29HC	1158	SNYDER DRILLING CO* JIM		AL		410			
92		05-123-10461	SEVERIN & CO. 1	COT EAST P-30-29HN	761	LECLAIR- WESTWOOD INC		PA	223	410			
93	x	05-123-11170	ROTHARMEL- SCHMIDT 1	COT EAST X-30-29HN	796	TAMCO DRILLING INC		AL		410			
94	x	05-123-23808	HESTER 31-21	COT WEST X-30-25HN	885	BAYSWATER EXPLORATION & PRODUCTION LLC	12/18/2006	SI	894	410		7377	2176
95	x	05-123-24075	HESTER 31-22	COT WEST X-30-25HN	847	BAYSWATER EXPLORATION & PRODUCTION LLC	08/16/2006	SI	888	410		7399	3586
96		05-123-25641	HERGERT 35- 11	COT WEST X-30-25HN	1352	NOBLE ENERGY INC		AL	450	410			
97	x	05-123-25734	DEINES 31-11	COT EAST X-30-29HN	831	BAYSWATER EXPLORATION & PRODUCTION LLC	12/26/2008	SI	901	410		7365	7525
98	x	05-123-25735	DEINES 31-12	COT EAST X-30-29HN	754	NOBLE ENERGY INC		AL		410			
99	x	05-123-26060	HOLLAR 30-34	COT WEST U-30-25HN	54	BAYSWATER EXPLORATION & PRODUCTION LLC	09/29/2007	PR	882	410		7392	6460
100	x	05-123-26062	HOLLAR 30-43	COT EAST V-30-29HN	22	BAYSWATER EXPLORATION & PRODUCTION LLC	05/28/2008	PR	863	410		7400	474
101		05-123-26371	LINDBLAD 25- 34	COT WEST WA-30-25HN	22	NOBLE ENERGY INC	11/08/2007	SI	503	410		7384	911
102	x	05-123-26470	ROTHARMEL 11 -33	COT EAST X-30-29HN	882	PDC ENERGY INC	12/30/2007	SI	917	410		7363	750
103		05-123-26939	LINDBLAD 25- 35	COT WEST R-30-25HN	30	NOBLE ENERGY INC		AL		410			
104	x	05-123-26940	LINDBLAD 25- 32	COT WEST O-30-25HN	39	NOBLE ENERGY INC		AL		410			
105		05-123-26941	LINDBLAD 25- 31	COT WEST QA-30-25HN	23	NOBLE ENERGY INC		AL		410			
106	x	05-123-27370	ROTHARMEL 21 -32	COT EAST X-30-29HN	737	PDC ENERGY INC	10/18/2006	SI	944	410		7372	6390
107	x	05-123-27373	ROTHARMEL 11 -32	COT EAST X-30-29HN	717	PDC ENERGY INC	11/10/2006	SI	932	410		7370	6516
108	x	05-123-29251	(DIR) HOLLAR 30-35	COT WEST U-30-25HN	67	NOBLE ENERGY INC		AL		410			
109		05-123-29291	JOHNSON 30- 13	COT WEST P-30-25HN	31	GREAT WESTERN OPERATING COMPANY LLC		AL		410			
110	x	05-123-29292	JOHNSON 30- 12	COT WEST M-30-25HN	924	GREAT WESTERN OPERATING COMPANY LLC		AL		410			
111	x	05-123-29506	RICKFORD 30- 44	COT EAST U-30-29HN	3	NOBLE ENERGY INC		AL		410			
112		05-123-30007	JOHNSON 30- 52	COT WEST M-30-25HN	1431	GREAT WESTERN OPERATING COMPANY LLC		AL		410			
113		05-123-30431	STEWART 30- 14	COT EAST M-30-29HN	885	NOBLE ENERGY INC		AL		410			
114	x	05-123-33500	LINDBLAD PC MM 25-15	COT WEST V-30-25HN	36	NOBLE ENERGY INC		SI	917	410		7402	2310
115	x	05-123-33882	Deines PC II31- 17D	COT EAST X-30-29HN	1387	NOBLE ENERGY INC		AL		410			
116	x	05-123-33884	Deines PC II31- 07D	COT EAST X-30-29HN	1410	NOBLE ENERGY INC		AL		410			

117	x	05-123-34173	Moody 41-32H	COT EAST X-30-29HN	1486	PDC ENERGY INC		AL		410			
118	x	05-123-34214	BEARS 5-30	COT WEST M-30-25HN	724	BAYSWATER EXPLORATION & PRODUCTION LLC		PA	855	410		7446	2013
119	x	05-123-34762	Hergert 1-35	COT WEST X-30-25HN	1210	EXTRACTION OIL & GAS INC		PA	561	410		7246	5790
120	x	05-123-34765	Walton 8-25	COT WEST M-30-25HN	920	EXTRACTION OIL & GAS INC		SI	544	410		7482	1933
121	x	05-123-34767	Walton 17-25	COT WEST M-30-25HN	1246	EXTRACTION OIL & GAS INC		SI	557	410		7406	2563
122		05-123-37915	Thornton 28K- 223	COT EAST M-30-29HN	979	PDC ENERGY INC		AL		410			
123		05-123-37933	Thornton 28K- 423	COT EAST M-30-29HN	968	PDC ENERGY INC		AL		410			
124		05-123-37934	Thornton 28G- 223	COT EAST M-30-29HN	946	PDC ENERGY INC		AL		410			
125		05-123-37935	Thornton 28G- 423	COT EAST M-30-29HN	937	PDC ENERGY INC		AL		410			
126		05-123-37936	Thornton 28K- 303	COT EAST M-30-29HN	959	PDC ENERGY INC		AL		410			
127		05-123-37938	Thornton 28K- 443	COT EAST M-30-29HN	950	PDC ENERGY INC		AL		410			
128		05-123-45171	Launer 1	COT WEST U-30-25HN	422	EXTRACTION OIL & GAS INC		AL		410			
129		05-123-45174	Launer 4	COT WEST U-30-25HN	470	EXTRACTION OIL & GAS INC		AL		410			
130		05-123-45177	Launer 7	COT WEST U-30-25HN	527	EXTRACTION OIL & GAS INC		AL		410			
131		05-123-45181	Launer 13	COT WEST V-30-25HN	612	EXTRACTION OIL & GAS INC		AL		410			
132		05-123-45182	Launer 10	COT WEST V-30-25HN	580	EXTRACTION OIL & GAS INC		AL		410			

Total Wells: 132

Meets Standard(STD): 92

Needs Evaluation: 40