

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		05-123-17965	43-15 HOPPER	HOPPER 38N-22HZ	1	KERR MCGEE OIL & GAS ONSHORE LP	03/15/1994	PR	569	450		7160	6380
2		05-123-18504	44-15 DILLON	HOPPER 38N-22HZ	12	KERR MCGEE OIL & GAS ONSHORE LP	09/28/1994	PR	616	450		7200	6642
3		05-123-17503	34-10 CAMENISCH	HOPPER STATE 24N- 34SLHZ	62	KERR MCGEE OIL & GAS ONSHORE LP	10/30/1993	PR	317	450		7110	3700
4	x	05-123-26489	37-15 DILLON	HOPPER 37N-22HZ	69	KERR MCGEE OIL & GAS ONSHORE LP	07/22/2008	PR	666	450		7267	3170
5		05-123-15074	3-22 HALEY	HOPPER 16C-22HZ	82	ENCANA OIL & GAS (USA) INC	07/09/1991	PR	553	450		7235	6930
6		05-123-09496	1 NORBERT E BADDING	HOPPER 38N-22HZ	104	K P KAUFFMAN COMPANY INC	07/24/1978	PR	612	450			
7	x	05-123-32504	EAST RINN 13- 15	HOPPER 16C-22HZ	130	ENCANA OIL & GAS (USA) INC	02/10/2011	PR	900	450		7546	3570
8		05-123-08567	1 CAMENISCH DAVID E GU	HOPPER STATE 24N- 34SLHZ	133	KERR MCGEE OIL & GAS ONSHORE LP	11/21/1975	PR	234	450		7212	6930
9		05-123-09015	1 HALEY	HOPPER 37N-22HZ	139	ENCANA OIL & GAS (USA) INC	11/19/1976	PR	458	450		7258	7080
10		05-123-22947	41-22 HALEY	HOPPER 38N-22HZ	143	ENCANA OIL & GAS (USA) INC	11/28/2006	PR	760	450		7226	6640
11	x	05-123-26763	9-10 EVERIST	HOPPER STATE 40N- 34SLHZ	173	KERR MCGEE OIL & GAS ONSHORE LP	07/17/2008	PR	766	450		7212	3320
12	x	05-123-10031	2 ANDERSON FAMILY TRUST C	HOPPER STATE 24N- 34SLHZ	179	KERR MCGEE OIL & GAS ONSHORE LP	08/14/1980	PR	366	450		7050	7000
13	x	05-123-26869	37-10 EVERIST	HOPPER STATE 24N- 34SLHZ	183	KERR MCGEE OIL & GAS ONSHORE LP	08/14/2008	PR	776	450		7142	2890
14	x	05-123-26871	16-10 EVERIST	HOPPER STATE 40N- 34SLHZ	188	KERR MCGEE OIL & GAS ONSHORE LP	08/18/2008	SI	775	450		7247	3420
15		05-123-08587	1 GLANTZ HARLAN GU	HOPPER STATE 24N- 34SLHZ	191	KERR MCGEE OIL & GAS ONSHORE LP	12/30/1975	PR	466	450		7170	6550
16	x	05-123-24671	20-15 HOPPER	HOPPER 37N-22HZ	203	KERR MCGEE OIL & GAS ONSHORE LP	02/14/2009	PR	593	450		7184	3675
17	x	05-123-26359	8-15 REESE	HOPPER STATE 40N- 34SLHZ	233	KERR MCGEE OIL & GAS ONSHORE LP	03/16/2008	PR	765	450		7425	2950
18	x	05-123-26358	1-15 CAMENISCH	HOPPER STATE 40N- 34SLHZ	235	KERR MCGEE OIL & GAS ONSHORE LP	06/01/2008	PR	725	450		7298	3180
19	x	05-123-27090	1-3 WATERFRONT	HOPPER STATE 40N- 34SLHZ	235	KERR MCGEE OIL & GAS ONSHORE LP	08/15/2008	PR	903	450		7225	3540
20	x	05-123-27089	8-3 WATERFRONT	HOPPER STATE 40N- 34SLHZ	236	KERR MCGEE OIL & GAS ONSHORE LP	09/19/2008	PR	907	450		7686	3340
21	x	05-123-26761	24-10 EVERIST	HOPPER STATE 24N- 34SLHZ	239	KERR MCGEE OIL & GAS ONSHORE LP	07/06/2008	PR	771	450		7117	3010
22		05-123-24219	24-15 HOPPER	HOPPER STATE 9N- 34SLHZ	242	KERR MCGEE OIL & GAS ONSHORE LP	12/11/2006	PR	640	450		7318	3330
23	x	05-123-25695	37-34 WATERFRONT	HOPPER STATE 24N- 34SLHZ	245	KERR MCGEE OIL & GAS ONSHORE LP	07/16/2008	PR	899	450		7120	2725
24	x	05-123-27099	17-3 WATERFRONT	HOPPER STATE 24N- 34SLHZ	264	KERR MCGEE OIL & GAS ONSHORE LP	08/07/2008	PR	906	450		7353	2960
25	x	05-123-25572	16-34 WATERFRONT	HOPPER STATE 40N- 34SLHZ	293	KERR MCGEE OIL & GAS ONSHORE LP	07/28/2008	PR	903	450		7032	3850

26		05-123-23296	2-15 CAMENISCH	HOPPER STATE 24N-34SLHZ	295	KERR MCGEE OIL & GAS ONSHORE LP	10/23/2005	PR	722	450		7131	6562
27	x	05-123-27070	2-3 WATERFRONT	HOPPER STATE 24N-34SLHZ	306	KERR MCGEE OIL & GAS ONSHORE LP	09/01/2008	PR	907	450		7391	2574
28	x	05-123-25717	39-34 WATERFRONT	HOPPER STATE 40N-34SLHZ	317	KERR MCGEE OIL & GAS ONSHORE LP	08/02/2008	PR	902	450		7108	2850
29	x	05-123-26796	39-10 EVERIST	HOPPER STATE 40N-34SLHZ	346	KERR MCGEE OIL & GAS ONSHORE LP	06/28/2008	PR	483	450		6335	1440
30	x	05-123-26870	26-15 EVERIST	HOPPER STATE 40N-34SLHZ	348	KERR MCGEE OIL & GAS ONSHORE LP	08/23/2008	PR	774	450		7332	1700
31		05-123-20360	7-10 HSR-CARLSON	HOPPER STATE 24N-34SLHZ	394	KERR MCGEE OIL & GAS ONSHORE LP		AL		450			
32	x	05-123-25540	WATERFRONT 15-34	HOPPER STATE 24N-34SLHZ	398	KERR MCGEE OIL & GAS ONSHORE LP	06/25/2008	PR	885	450		7236	2650
33	x	05-123-38835	VOGL 33N-35HZ	HOPPER STATE 40N-34SLHZ	403	KERR MCGEE OIL & GAS ONSHORE LP	07/08/2014	PR	1067	450		7250	0
34	x	05-123-38833	VOGL 13C-35HZ	HOPPER STATE 40N-34SLHZ	413	KERR MCGEE OIL & GAS ONSHORE LP	07/06/2014	PR	1135	450		7250	0
35		05-123-16089	33-22 WYATT	HOPPER 37N-22HZ	421	K P KAUFFMAN COMPANY INC	09/04/1992	PR	698	450			
36	x	05-123-39683	VOGL 34N-35HZ	HOPPER STATE 40N-34SLHZ	422	KERR MCGEE OIL & GAS ONSHORE LP	07/03/2014	PR	1067	450		7250	0
37	x	05-123-27088	7-3 WATERFRONT	HOPPER STATE 24N-34SLHZ	425	KERR MCGEE OIL & GAS ONSHORE LP	09/11/2008	PR	906	450		7724	3220
38		05-123-08753	1 CHARLES ELZI ESTATE	HOPPER 37N-22HZ	434	K P KAUFFMAN COMPANY INC	06/03/1976	PR	447	450			
39	x	05-123-25141	34-35 CARMA	HOPPER STATE 40N-34SLHZ	436	KERR MCGEE OIL & GAS ONSHORE LP	05/27/2008	PR	553	450		7246	3000
40	x	05-123-29899	8-2-22 HALEY	HOPPER 38N-22HZ	438	ENCANA OIL & GAS (USA) INC	01/16/2010	PR	773	450		7426	6530
41	x	05-123-26764	10-10 EVERIST	HOPPER STATE 24N-34SLHZ	439	KERR MCGEE OIL & GAS ONSHORE LP	07/23/2008	PR	821	450		7180	2925
42	x	05-123-29900	8-4-22 HALEY	HOPPER 38N-22HZ	457	ENCANA OIL & GAS (USA) INC	01/14/2010	PR	772	450		7462	6696
43	x	05-123-26797	15-10 EVERIST	HOPPER STATE 24N-34SLHZ	459	KERR MCGEE OIL & GAS ONSHORE LP	08/08/2008	PR	810	450		7211	2580
44	x	05-123-37660	Grant Salisbury 2A-14H C268	HOPPER STATE 40N-34SLHZ	466	ENCANA OIL & GAS (USA) INC	11/02/2014	PR	800	450		7250	0
45	x	05-123-29898	31-22 HALEY	HOPPER 37N-22HZ	555	ENCANA OIL & GAS (USA) INC	01/19/2010	PR	772	450		7365	6530
46	x	05-123-25571	9-34 WATERFRONT	HOPPER STATE 40N-34SLHZ	566	KERR MCGEE OIL & GAS ONSHORE LP	07/22/2008	PR	902	450		7108	3330
47		05-123-19719	32-22 HALEY	HOPPER 37N-22HZ	567	ENCANA OIL & GAS (USA) INC	02/13/1999	PR	567	450		7253	4128
48	x	05-123-29847	0-0-23 ELMQUIST	HOPPER 38N-22HZ	592	ENCANA OIL & GAS (USA) INC	12/06/2011	PR	783	450		7314	4430
49		05-123-07653	1 EAST RINN	HOPPER 37N-22HZ	666	KERR MCGEE OIL & GAS ONSHORE LP	02/14/1973	PR	526	450		7196	6994
50	x	05-123-24995	7-15 CAMENISCH	HOPPER STATE 24N-34SLHZ	678	KERR MCGEE OIL & GAS ONSHORE LP	03/10/2008	PR	774	450		7138	3800
51	x	05-123-37652	Grant Elmquist 2A-14H C268	HOPPER 38N-22HZ	716	ENCANA OIL & GAS (USA) INC	11/02/2014	PR	800	450		7250	0
52		05-123-08359	1 ANDERSON FAMILY TRST GU B	HOPPER STATE 24N-34SLHZ	793	AMOCO PRODUCTION CO.	05/09/1975	PA	227	450		7200	7100
53	x	05-123-37658	Grant Salisbury 2B-14H C268	HOPPER STATE 40N-34SLHZ	817	ENCANA OIL & GAS (USA) INC	10/20/2014	PR	800	450		7250	0

54	x	05-123-38631	9C-36HZ BAREFOOT STATE	HOPPER STATE 40N- 34SLHZ	836	KERR MCGEE OIL & GAS ONSHORE LP	05/04/2014	PR	928	450		7200	0
55		05-123-17553	U 14-4 DEL CAMINO	HOPPER STATE 40N- 34SLHZ	862	GERRITY OIL & GAS CORP		AL		450			
56		05-123-17370	U 14-5 DEL CAMINO	HOPPER STATE 40N- 34SLHZ	864	GERRITY OIL & GAS CORP		AL		450			
57	x	05-123-38632	40N-36HZ BAREFOOT STATE	HOPPER STATE 40N- 34SLHZ	868	KERR MCGEE OIL & GAS ONSHORE LP	05/05/2014	PR	928	450		7200	0
58		05-123-21136	10-15A HOPPER	HOPPER 37N-22HZ	905	KERR MCGEE OIL & GAS ONSHORE LP	12/16/2002	PR	630	450		7155	6270
59		05-123-18765	33-15 HOPPER	HOPPER 37N-22HZ	909	BASIN EXPLORATION INC		AL		450			
60		05-123-26243	13-11 SALISBURY	HOPPER STATE 40N- 34SLHZ	916	ENCANA OIL & GAS (USA) INC	09/07/2007	PR	677	450		7196	6576
61	x	05-123-25776	21-15 CAMENISCH	HOPPER STATE 24N- 34SLHZ	1008	KERR MCGEE OIL & GAS ONSHORE LP	02/24/2009	SI	769	450		7152	2182
62	x	05-123-26762	25-10 EVERIST	HOPPER STATE 24N- 34SLHZ	1039	KERR MCGEE OIL & GAS ONSHORE LP	07/12/2008	PR	770	450		7280	3300
63	x	05-123-19829	31-27 MILLER	HOPPER 37N-22HZ	1040	NORTH AMERICAN RESOURCES COMPANY		AL		450			
64		05-123-27377	12-2 JUNCTION	HOPPER STATE 40N- 34SLHZ	1057	KERR MCGEE OIL & GAS ONSHORE LP	11/25/2006	SI	731	450		7100	3512
65	x	05-123-24921	11-35 CARMA	HOPPER STATE 40N- 34SLHZ	1068	KERR MCGEE OIL & GAS ONSHORE LP	04/07/2008	PR	600	450		7318	3900
66		05-123-22577	10-34 ANDERSON	HOPPER STATE 24N- 34SLHZ	1076	KERR MCGEE OIL & GAS ONSHORE LP	08/31/2005	PR	673	450		7044	3907
67		05-123-15467	31-27 OUR DIANE	HOPPER 37N-22HZ	1090	PDC ENERGY INC	12/20/1991	PR	652	450		7175	6862
68	x	05-123-25188	22-35 CARMA	HOPPER STATE 40N- 34SLHZ	1091	KERR MCGEE OIL & GAS ONSHORE LP	04/01/2008	PR	601	450		7190	3740
69	x	05-123-37650	Grant Elmquist 2B-14H C268	HOPPER 38N-22HZ	1091	ENCANA OIL & GAS (USA) INC	10/18/2014	PR	800	450		7250	0
70	x	05-123-31926	14-11 SALISBURY	HOPPER STATE 40N- 34SLHZ	1135	ENCANA OIL & GAS (USA) INC	09/10/2011	PR	752	450		7204	2830
71	x	05-123-26495	MILKY WAY 21- 10	HOPPER STATE 24N- 34SLHZ	1142	KERR MCGEE OIL & GAS ONSHORE LP	10/09/2008	PR	819	450		7174	2760
72		05-123-08912	41-27 OUR DIANE	HOPPER 38N-22HZ	1150	PDC ENERGY INC	11/25/1976	SI	569	450			
73	x	05-123-37657	Grant Salisbury 2C-14H C268	HOPPER STATE 40N- 34SLHZ	1164	ENCANA OIL & GAS (USA) INC	10/08/2014	PR	800	450		7250	0
74	x	05-123-26795	23-10 EVERIST	HOPPER STATE 24N- 34SLHZ	1173	KERR MCGEE OIL & GAS ONSHORE LP	07/29/2008	SI	815	450		7297	3226
75	x	05-123-25718	WATERFRONT 23-34	HOPPER STATE 24N- 34SLHZ	1176	KERR MCGEE OIL & GAS ONSHORE LP	06/30/2008	PR	903	450		7169	2100
76		05-123-19830	12-23 ELMQUIST	HOPPER 38N-22HZ	1182	ENCANA OIL & GAS (USA) INC	11/17/1999	PR	481	450		7264	6403
77	x	05-123-25140	32-35 CARMA	HOPPER STATE 40N- 34SLHZ	1184	KERR MCGEE OIL & GAS ONSHORE LP	03/25/2008	PR	643	450		7052	3320
78	x	05-123-29901	4-2-22 HALEY	HOPPER 37N-22HZ	1191	ENCANA OIL & GAS (USA) INC	01/17/2010	PR	773	450		7254	2063
79	x	05-123-25775	36-10 CAMENISCH	HOPPER STATE 24N- 34SLHZ	1195	KERR MCGEE OIL & GAS ONSHORE LP	05/26/2008	PR	548	450		7259	2150
80		05-123-19555	11-23 ELMQUIST	HOPPER 38N-22HZ	1252	ENCANA OIL & GAS (USA) INC	05/05/1998	PR	474	450		7218	6750
81	x	05-123-38005	JILLSON-EAST RINN 3J-22H- N268	HOPPER STATE 24N- 34SLHZ	1261	ENCANA OIL & GAS (USA) INC	06/11/2014	PR	800	450		7250	500

82	x	05-123-27037	23-15 HOPPER	HOPPER 37N-22HZ	1269	KERR MCGEE OIL & GAS ONSHORE LP	02/19/2009	PR	645	450		7215	3705
83	x	05-123-32566	JILLSON 4-6-22	HOPPER 37N-22HZ	1306	ENCANA OIL & GAS (USA) INC	11/19/2011	PR	755	450		7420	3526
84	x	05-123-25573	WATERFRONT 24-34	HOPPER STATE 9N-34SLHZ	1311	KERR MCGEE OIL & GAS ONSHORE LP	05/29/2008	PR	901	450		7189	3450
85		05-123-20355	HSR-BEAR 13-14A	HOPPER 38N-22HZ	1337	KERR MCGEE OIL & GAS ONSHORE LP	11/16/2001	PR	506	450		7455	2800
86		05-123-20175	13-14A HSR-HIRSCHFELD	HOPPER 38N-22HZ	1341	HS RESOURCES INC		AL		450			
87	x	05-123-32565	JILLSON 4-8-22	HOPPER 37N-22HZ	1343	ENCANA OIL & GAS (USA) INC	11/09/2011	PR	754	450		7460	3060
88		05-123-08614	1 SALISBURY	HOPPER STATE 40N-34SLHZ	1371	ENCANA OIL & GAS (USA) INC	01/27/1976	PR	330	450		7132	6950
89	x	05-123-31924	2-4-11 SALISBURY	HOPPER STATE 40N-34SLHZ	1374	ENCANA OIL & GAS (USA) INC	09/15/2011	PR	758	450		7320	3160
90	x	05-123-24914	14-35 CARMA	HOPPER STATE 40N-34SLHZ	1382	KERR MCGEE OIL & GAS ONSHORE LP	05/06/2008	SI	555	450		7194	2460
91	x	05-123-25988	35-35 CARMA	HOPPER STATE 40N-34SLHZ	1389	KERR MCGEE OIL & GAS ONSHORE LP	04/29/2008	PR	557	450		7168	2550
92	x	05-123-24922	12-35 CARMA	HOPPER STATE 40N-34SLHZ	1404	KERR MCGEE OIL & GAS ONSHORE LP	04/22/2008	PR	600	450		7050	2495
93		05-123-38870	39N-35HZ BAREFOOT	HOPPER STATE 40N-34SLHZ	1409	KERR MCGEE OIL & GAS ONSHORE LP		AL		450			
94		05-123-27367	22-2 JUNCTION	HOPPER STATE 40N-34SLHZ	1413	KERR MCGEE OIL & GAS ONSHORE LP	11/18/2006	PR	818	450		7115	3554
95		05-123-09779	2 CARL ADLER GAS UNIT B	HOPPER STATE 40N-34SLHZ	1417	KERR MCGEE OIL & GAS ONSHORE LP	09/21/1979	PA		450			
96	x	05-123-38872	16C-35HZ BAREFOOT	HOPPER STATE 40N-34SLHZ	1432	KERR MCGEE OIL & GAS ONSHORE LP		AL		450			
97	x	05-123-07941	1 CARL H ADLER	HOPPER STATE 40N-34SLHZ	1438	KERR MCGEE OIL & GAS ONSHORE LP	08/05/1974	PA		450			
98		05-123-38871	38N-35HZ BAREFOOT	HOPPER STATE 40N-34SLHZ	1452	KERR MCGEE OIL & GAS ONSHORE LP		AL		450			
99		05-123-09358	1 MILLER	HOPPER 16C-22HZ	1461	ENCANA OIL & GAS (USA) INC	01/20/1978	PR	513	450		7294	6665
100		05-123-27376	11-2 JUNCTION	HOPPER STATE 40N-34SLHZ	1482	KERR MCGEE OIL & GAS ONSHORE LP	12/03/2006	PR	717	450		7141	2836
101	x	05-123-37644	Grant Elmquist 2C-14H C268	HOPPER 38N-22HZ	1491	ENCANA OIL & GAS (USA) INC	10/19/2014	PR	800	450		7250	500

Total Wells: 101

Meets Standard(STD): 64

Needs Evaluation: 37