

OFFSET WELL EVALUATIONS

No.	Meet STD	Offset Well API #	Well Name	Shortest Horizontal Distance From Offset Well to any Proposed HZ Well	Offset Well Operator	Spud Date	Offset Well Status	Setting Depth	Depth of Deepest Water Well or Base of Fox Hills (DJ)	Productive Casing Cement Top	Most Recent Surface Casing Pressure Reported
1		05-123-17673	11-23 COCKROFT	955	NOBLE ENERGY INC	01/05/1994	PR	358	723		
2		05-123-22728	13-13 FOSS	933	NOBLE ENERGY INC	02/25/2005	PA	455		2920	
3		05-123-22778	13-11 FOSS	2	NOBLE ENERGY INC	03/25/2005	PA	450	400	2966	
4		05-123-23443	17-13 BASHOR	1226	NOBLE ENERGY INC	12/05/2006	TA	410	300	2926	
5		05-123-23806	18-24 STROHAUER	1311	NOBLE ENERGY INC	04/20/2007	PA	488	400	1611	
6		05-123-23807	18-21 STROHAUER	0	NOBLE ENERGY INC	04/15/2007	PA	454	400	2366	
7		05-123-23818	12-23 RADY	787	NOBLE ENERGY INC	04/10/2007	TA	500	723	72	
8		05-123-24344	7-12 HAGEMEISTER USX AA	97	NOBLE ENERGY INC	01/27/2007	PA	495	400	2237	
9		05-123-24458	12-24 RADY	998	NOBLE ENERGY INC	04/18/2007	TA	494	723	62	
10		05-123-24952	12-9 SHOEMAKER A	95	NOBLE ENERGY INC	04/14/2007	TA	757	400	1450	
11	x	05-123-25430	13-24 LAPP	1413	NOBLE ENERGY INC	04/21/2008	TA	500	400	104	
12	x	05-123-25770	8-23 NEW CACHE	987	NOBLE ENERGY INC	06/10/2008	TA	474		400	
13		05-123-26072	42-18 APOLLO	739	PDC ENERGY INC	08/13/2007	PA	486	300	2235	
14	x	05-123-26868	8-24 NEW CACHE	1043	NOBLE ENERGY INC	07/07/2008	TA	473	336		
15	x	05-123-26983	18-15 WILSON	162	NOBLE ENERGY INC	07/22/2008	TA	452	380	225	
16	x	05-123-29109	12-3-17 RADY	190	NOBLE ENERGY INC	10/03/2008	TA	501	723		
17	x	05-123-29784	FOSS 10-2-21	1487	BAYSWATER EXPLORATION & PRODUCTION LLC	02/05/2012	PA	691	480	1790	
18	x	05-123-31704	8-43 NEW CACHE	49	GREAT WESTERN OPERATING COMPANY LLC	09/25/2010	SI	492	300	1210	
19	x	05-123-32357	17-17 BASHOR PC AA	404	NOBLE ENERGY INC	11/05/2010	TA	556		1960	
20	x	05-123-32358	17-18 BASHOR PC AA	420	NOBLE ENERGY INC	02/22/2011	TA	570		1870	
21	x	05-123-32359	17-02D BASHOR PC AA	0	NOBLE ENERGY INC	02/18/2011	TA	550		2414	
22	x	05-123-32365	16-99HZ GUNNER STATE AA	455	NOBLE ENERGY INC	11/20/2010	PA	683	308	712	
23	x	05-123-32546	08-07D NCLP PC AA	1087	NOBLE ENERGY INC	04/17/2011	TA	610		2270	
24	x	05-123-32548	08-08D NCLP PC AA	1110	NOBLE ENERGY INC	04/29/2011	TA	543		1830	
25	x	05-123-33464	ADAMS 41-10H	0	PDC ENERGY INC	09/20/2011	PR	943	780	68	
26	x	05-123-33908	A15-12D Kerbs USX	1171	NOBLE ENERGY INC	09/05/2011	PA	908	780	2165	
27	x	05-123-33910	A15-03D Tye USX	912	NOBLE ENERGY INC	08/28/2011	PA	907	780	1677	
28	x	05-123-33913	A15-04D Tye USX	1142	NOBLE ENERGY INC	09/01/2011	PA	905	780	1900	
29	x	05-123-34513	A15-68-1HN RAYGLO	641	NOBLE ENERGY INC	04/12/2012	TA	887	480	650	
30	x	05-123-34514	A14-67-1HN RAYGLO	1173	NOBLE ENERGY INC	04/22/2012	TA	883	480	2060	

31	x	05-123-34516	A15-67-1HN RAYGLO	1281	NOBLE ENERGY INC	04/03/2012	TA	880	480	240
32	x	05-123-34603	AA07-63HN Shoemaker	46	NOBLE ENERGY INC	01/22/2012	PR	832	400	1780
33	x	05-123-34606	AA07-65HN Shoemaker	0	NOBLE ENERGY INC	02/03/2012	PR	873	400	820
34	x	05-123-34612	A12-23D Shoemaker	3	NOBLE ENERGY INC	02/14/2012	PR	865	400	2110
35	x	05-123-36042	WELLS RANCH STATE USX AA16-67-1HNL	1148	NOBLE ENERGY INC	12/06/2012	PR	684		1250
36	x	05-123-36182	WELLS RANCH STATE PC USX AA16-69-1HNL	765	NOBLE ENERGY INC	12/22/2012	PR	668		380
37	x	05-123-37281	ALBRIGHTON 3-10	910	PDC ENERGY INC	05/25/2013	PA	758	480	460
38	x	05-123-39099	MAHALO STATE AA09-78HNC	925	NOBLE ENERGY INC	12/25/2014	PR	854	400	6851
39	x	05-123-39102	MAHALO STATE AA09-79-1HNB	575	NOBLE ENERGY INC	12/18/2014	PR	861	400	6798
40	x	05-123-39105	MAHALO STATE AA09-79HNC	328	NOBLE ENERGY INC	12/10/2014	PR	848	400	1000
41	x	05-123-39120	MAHALO STATE AA09-78-1BHN	1324	NOBLE ENERGY INC	01/04/2015	PR	876	400	6729
42	x	05-123-40908	A13-655 Colt	1318	NOBLE ENERGY INC	04/01/2015	PR	905	300	430
43	x	05-123-40917	AA17-645 Aggie State	1341	NOBLE ENERGY INC	03/27/2015	PR	928	300	625
44	x	05-123-40924	AA17-643 Aggie State	1396	NOBLE ENERGY INC	03/21/2015	PR	915	300	750
45	x	05-123-40925	A13-662 Colt	959	NOBLE ENERGY INC	04/10/2015	PR	898	300	1175
46	x	05-123-42494	ALBRIGHTON H-10HC	1152	PDC ENERGY INC	01/28/2016	PR		480	
47	x	05-123-42495	ALBRIGHTON K-10HC	466	PDC ENERGY INC	01/30/2016	PR		480	
48	x	05-123-42496	ALBRIGHTON J-10HN	630	PDC ENERGY INC	01/30/2016	PR		480	
49	x	05-123-42497	ALBRIGHTON G-10HN	1290	PDC ENERGY INC	01/27/2016	PR	1500	480	
50	x	05-123-42502	ALBRIGHTON I-10HN	960	PDC ENERGY INC	01/29/2016	PR		480	
51	x	05-123-42504	ALBRIGHTON L-10HN	300	PDC ENERGY INC	01/31/2016	PR		480	
52		05-123-11816	2 OWL CREEK	321	ST JAMES ENERGY OPERATING INC	07/30/1984	PA	302	680	
53		05-123-11817	3 OWL CREEK	828	ST JAMES ENERGY OPERATING INC	07/28/1984	PA	383	780	6204
54		05-123-12303	44-10-6-64 HENDERSON-FA	315	ST JAMES ENERGY OPERATING INC	03/23/1985	PA	694	480	
55		05-123-12985	1 RAY-GLO	289	NOBLE ENERGY INC	03/04/1986	TA	430	480	
56		05-123-12986	2 RAY-GLO	304	NOBLE ENERGY PRODUCTION INC	02/26/1986	PA	415	480	
57		05-123-16866	15-14 ANDERSON	1465	PETRO-CANADA RESOURCES (USA) INC		AL			
58		05-123-16867	15-11 TIETMAYER	470	PETRO-CANADA RESOURCES (USA) INC	03/23/1993	PA		480	
59		05-123-21919	44-11 COCKROFT	177	PDC ENERGY INC	01/22/2004	SI	443	723	2893
60		05-123-22290	23-12 SCHRANT	157	PDC ENERGY INC	07/27/2004	PR	454	723	3070
61		05-123-22291	24-12 SCHRANT	151	PDC ENERGY INC	07/21/2004	PR	456	723	2730
62		05-123-22342	34-11 COCKROFT	148	PDC ENERGY INC	09/10/2004	SI	550	723	2665

63	05-123-22343	43-11 COCKROFT	124	PDC ENERGY INC	09/07/2004	SI	547	723	2770
64	05-123-22390	34-7 CHRISTIANSEN	218	PDC ENERGY INC	10/06/2004	PR	442	380	2800
65	05-123-22570	42-10 WOLFRUM	933	PDC ENERGY INC	12/26/2004	PR	852	680	3342
66	05-123-22627	33-11 COCKROFT	144	PDC ENERGY INC	11/11/2005	SI	539	723	3224
67	05-123-22630	33-10 PHINNEY	186	PDC ENERGY INC	02/19/2005	PA	537	480	3190
68	05-123-22723	44-10 PHINNEY	180	PDC ENERGY INC	02/26/2005	PA	532	480	3170
69	05-123-22779	13-14 FOSS	1073	NOBLE ENERGY INC	03/18/2005	TA	451	400	3100
70	05-123-22780	13-12 FOSS	199	NOBLE ENERGY INC	04/02/2005	PA	453	400	2834
71	05-123-22973	43-7 TRINITY	293	PDC ENERGY INC	05/23/2005	PA	454		2390
72	05-123-22974	44-7 TRINITY	218	PDC ENERGY INC	05/19/2005	PR	454	380	2724
73	05-123-22989	33-7 TRINITY	51	PDC ENERGY INC	05/27/2005	PR	453	380	2425
74	05-123-23037	13-11 COCKROFT	121	NOBLE ENERGY INC	12/10/2005	TA	570	723	3230
75	05-123-23042	22-11 COCKROFT	755	NOBLE ENERGY INC		AL			
76	05-123-23276	12-16 ALLES A	127	NOBLE ENERGY INC	11/22/2005	PA	456	400	2814
77	05-123-23372	23-7 TRINITY	306	PDC ENERGY INC	11/17/2005	PR	492	400	2630
78	05-123-23381	14-7 JOHNSTON	134	PDC ENERGY INC	11/22/2005	PR	492	400	2997
79	05-123-23539	31-15 SPEICHER	347	NOBLE ENERGY INC	03/03/2006	SI	880	780	3270
80	05-123-23540	41-15 SPEICHER	346	NOBLE ENERGY INC	03/09/2006	TA	571	480	3185
81	05-123-23557	12-32 RADY	319	NOBLE ENERGY INC		AL			
82	05-123-23589	34-10 PHINNEY	156	PDC ENERGY INC	02/09/2006	PA	578	480	2730
83	05-123-23590	43-10 PHINNEY	183	PDC ENERGY INC	02/05/2006	PA	578	680	2816
84	05-123-23603	32-10 WOLFRUM	923	PDC ENERGY INC	02/18/2006	PA	576	680	2816
85	05-123-23763	14-12 MCKENNEY	83	NOBLE ENERGY INC	07/27/2006	TA	559	680	3064
86	05-123-23787	11-18 EDENS	190	GREAT WESTERN OPERATING COMPANY LLC	04/17/2006	PR	441	400	2540
87	05-123-23788	12-18 EDENS	1135	GREAT WESTERN OPERATING COMPANY LLC	04/22/2006	PR	445	400	2840
88	05-123-23953	43-8 CACHE	81	PDC ENERGY INC		AL			
89	05-123-23954	44-8 CACHE	126	PDC ENERGY INC		AL			
90	05-123-24135	13-22 MCKENNEY	425	NOBLE ENERGY INC	11/26/2006	PA	766	680	2269
91	05-123-24168	14-8 CORNISH	271	GREAT WESTERN OPERATING COMPANY LLC	10/29/2006	PR	453	300	2750
92	05-123-24169	17-11 CORNISH	139	GREAT WESTERN OPERATING COMPANY LLC	10/12/2007	PR	505		2400
93	05-123-24321	17-11 BASHOR	160	NOBLE ENERGY INC	04/29/2007	TA	452		
94	05-123-24410	8-13 CACHE	27	GREAT WESTERN OPERATING COMPANY LLC	10/07/2007	PR	502	300	2512

95		05-123-24411	8-23 CACHE	56	GREAT WESTERN OPERATING COMPANY LLC	09/27/2007	PA	498	300	3090
96		05-123-24412	8-34 CACHE	127	GREAT WESTERN OPERATING COMPANY LLC	10/02/2007	PR	501	300	3554
97		05-123-24444	7-6 HAGEMEISTER USX AA	1032	NOBLE ENERGY INC	01/13/2007	TA	490	400	2231
98	x	05-123-24459	17-14 BASHOR	1067	NOBLE ENERGY INC	11/29/2008	TA	479		54
99		05-123-24485	7-14 TAYLOR USX AA	237	NOBLE ENERGY INC	04/20/2007	TA	487	400	1910
100		05-123-24711	11-8 COCKROFT USX A	840	NOBLE ENERGY INC	02/18/2007	TA	817	723	2200
101		05-123-24712	11-14 COCKROFT USX A	142	NOBLE ENERGY INC	02/25/2007	SI	800	723	2190
102		05-123-24913	34-12 SCHRANT	126	PDC ENERGY INC	03/23/2007	PA	747	680	970
103		05-123-24950	12-8 SHOEMAKER A	1243	NOBLE ENERGY INC	04/09/2007	PR	756	723	2140
104		05-123-24953	12-7 SHOEMAKER A	956	NOBLE ENERGY INC	04/04/2007	PR	753	723	560
105		05-123-25291	13-25 MCKENNEY	585	NOBLE ENERGY INC	06/16/2007	PA	484	400	2468
106		05-123-25292	13-21 MCKENNEY	209	NOBLE ENERGY INC	06/12/2007	PA	470	400	2606
107	x	05-123-25306	14-11 MCKENNEY	319	NOBLE ENERGY INC	05/06/2008	TA	783	680	15
108	x	05-123-25307	14-15 MCKENNEY	804	PETRO-CANADA RESOURCES (USA) INC	05/11/2008	PA	786	400	
109	x	05-123-25427	8-24 CACHE	110	GREAT WESTERN OPERATING COMPANY LLC	02/15/2008	PR	506	300	2400
110	x	05-123-25447	17-21 CACHE	205	GREAT WESTERN OPERATING COMPANY LLC	03/19/2008	PR	457	300	3270
111	x	05-123-25485	17-52 CACHE	122	GREAT WESTERN OPERATING COMPANY LLC	02/20/2008	PR	498	300	2930
112	x	05-123-25496	8-54 CACHE	461	GREAT WESTERN OPERATING COMPANY LLC	04/24/2008	SI	514	300	3450
113	x	05-123-25651	18-12 WILSON	184	NOBLE ENERGY INC	07/16/2008	TA	446	380	
114	x	05-123-25665	8-33 CACHE	449	GREAT WESTERN OPERATING COMPANY LLC	03/26/2008	PA	502	300	3280
115		05-123-25670	11-25 COCKROFT	1248	NOBLE ENERGY INC		AL			
116	x	05-123-25694	15-18 I Synergy Disposal	484	PDC ENERGY INC	04/19/2008	PA	501	380	841
117	x	05-123-25754	18-52 EDENS	444	GREAT WESTERN OPERATING COMPANY LLC	04/30/2008	PR	478	400	3310
118	x	05-123-25817	17-22 PEPPLER	1028	GREAT WESTERN OPERATING COMPANY LLC	05/04/2008	SI	494	300	3120
119		05-123-26025	7-8 TRINITY-USX AA	1225	NOBLE ENERGY INC	07/18/2007	TA	483	320	1582
120		05-123-26026	7-7 TRINITY-USX AA	1223	NOBLE ENERGY INC	07/14/2007	TA	477	380	1840
121		05-123-26073	41-18 APOLLO	178	PDC ENERGY INC	08/07/2007	PR	475	300	2400
122		05-123-26116	16-5 BASHOR STATE AA	1322	NOBLE ENERGY INC	08/05/2007	TA	745	450	1646
123	x	05-123-26662	13-15 FOSS	592	NOBLE ENERGY INC	01/29/2008	TA	792	400	

124	x	05-123-26749	17-12 PEPPLER	1047	GREAT WESTERN OPERATING COMPANY LLC	11/11/2008	SI	479	300	2860
125		05-123-27055	33-12 LAPP	297	PDC ENERGY INC	03/14/2007	PR	758	723	350
126	x	05-123-27176	8-44 NEW CACHE	143	GREAT WESTERN OPERATING COMPANY LLC	08/12/2008	SI	521	300	2192
127	x	05-123-28107	12-25 PEPERZAK	1418	NOBLE ENERGY INC	09/28/2008	PR	501	723	
128	x	05-123-29253	16-04 BASHOR STATE AA	736	NOBLE ENERGY INC	02/12/2009	TA	603	400	730
129	x	05-123-29718	10-2 HEIDENREICH	878	PDC ENERGY INC	11/13/2009	PA	759	480	170
130		05-123-29724	11-11 COCKROFT USX A	259	NOBLE ENERGY INC		AL			
131		05-123-29789	11-07D COCKROFT USX A	821	NOBLE ENERGY INC		AL			
132		05-123-29809	11-06D COCKROFT USX A	239	NOBLE ENERGY INC		AL			
133		05-123-29896	8-14(DIR) NEW CACHE LA POUFRE	1067	PETRO-CANADA RESOURCES (USA) INC		AL			
134		05-123-29897	8-13(DIR) NEW CACHE LA POUFRE	1086	PETRO-CANADA RESOURCES (USA) INC		AL			
135	x	05-123-32190	8-53 CORNISH	519	GREAT WESTERN OPERATING COMPANY LLC	09/20/2010	PR	588	300	1600
136	x	05-123-33018	07-05 HAGEMEISTER USX AA	1131	NOBLE ENERGY INC	12/08/2011	TA	569	400	2255
137		05-123-36968	8-32D New Cache FH	7	GREAT WESTERN OPERATING COMPANY LLC		AL			
138		05-123-36969	8-12D New Cache FH	13	GREAT WESTERN OPERATING COMPANY LLC		AL			
139		05-123-36970	8-33D New Cache FH	23	GREAT WESTERN OPERATING COMPANY LLC		AL			
140		05-123-36989	8-14D New Cache FH	459	GREAT WESTERN OPERATING COMPANY LLC		AL			
141		05-123-36990	8-13D New Cache FH	461	GREAT WESTERN OPERATING COMPANY LLC		AL			
142		05-123-36991	17-28D New Cache FH	458	GREAT WESTERN OPERATING COMPANY LLC		AL			
143		05-123-37046	8-39D New Cache FH	137	GREAT WESTERN OPERATING COMPANY LLC		AL			
144		05-123-37049	8-37D New Cache FH	176	GREAT WESTERN OPERATING COMPANY LLC		AL			
145		05-123-37050	8-38D New Cache FH	156	GREAT WESTERN OPERATING COMPANY LLC		AL			
146		05-123-37053	8-40D New Cache FH	117	GREAT WESTERN OPERATING COMPANY LLC		AL			
147		05-123-38750	08-279HN Cornish FH	642	GREAT WESTERN OPERATING COMPANY LLC		AL			

148	05-123-38751	08-399HN Cornish FH	530	GREAT WESTERN OPERATING COMPANY LLC	AL				
149	05-123-38752	08-362HN Cornish FH	559	GREAT WESTERN OPERATING COMPANY LLC	AL				
150	05-123-38753	08-202HN Cornish FH	550	GREAT WESTERN OPERATING COMPANY LLC	AL				
151	05-123-38754	08-359HC Cornish FH	589	GREAT WESTERN OPERATING COMPANY LLC	AL				
152	05-123-38755	08-322HN Cornish FH	618	GREAT WESTERN OPERATING COMPANY LLC	AL				
153	05-123-38756	08-239HN Cornish FH	580	GREAT WESTERN OPERATING COMPANY LLC	AL				
154	05-123-38757	08-242HC Cornish FH	609	GREAT WESTERN OPERATING COMPANY LLC	AL				
155	05-123-40201	08-202HN McDaniel FH	247	GREAT WESTERN OPERATING COMPANY LLC	AL				
156	05-123-40202	08-279HN McDaniel FH	211	GREAT WESTERN OPERATING COMPANY LLC	AL				
157	05-123-40203	08-242HC McDaniel FH	240	GREAT WESTERN OPERATING COMPANY LLC	AL				
158	05-123-40204	08-239HN McDaniel FH	270	GREAT WESTERN OPERATING COMPANY LLC	AL				
159	05-123-40205	08-322HN McDaniel FH	178	GREAT WESTERN OPERATING COMPANY LLC	AL				
160	05-123-40206	08-359HC McDaniel FH	148	GREAT WESTERN OPERATING COMPANY LLC	AL				
161	05-123-40207	08-362HN McDaniel FH	119	GREAT WESTERN OPERATING COMPANY LLC	AL				
162	05-123-40208	08-399HN McDaniel FH	89	GREAT WESTERN OPERATING COMPANY LLC	AL				
163	05-123-40841	A13-689 Colt	31	NOBLE ENERGY INC	AL				
164	05-123-40842	A13-685 Colt	41	NOBLE ENERGY INC	AL				
165	05-123-40843	A13-687 Colt	5	NOBLE ENERGY INC	AL				
166	05-123-40969	17-038HN McDaniel FH	105	GREAT WESTERN OPERATING COMPANY LLC	AL				
167	05-123-40970	17-122HN McDaniel FH	103	GREAT WESTERN OPERATING COMPANY LLC	AL				
168	05-123-40971	17-082HN McDaniel FH	104	GREAT WESTERN OPERATING COMPANY LLC	AL				
169	05-123-40972	17-162HN McDaniel FH	102	GREAT WESTERN OPERATING COMPANY LLC	AL				

170	x	05-123-42210	11 NGL Apollo	622	NGL WATER SOLUTIONS DJ LLC	10/19/2015	IJ	886	300	7048	
171	x	05-123-34515	RAYGLO A14-68-1HN	588	NOBLE ENERGY INC	05/05/2012	AB	857	480		
172	x	05-123-34515	RAYGLO A14-68-1HN	538	NOBLE ENERGY INC	05/05/2012	TA	857	480	1150	

Total Wells: 172

Meets Standard(STD): 63

Needs Evaluation: 109