

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	05-123-32149	Amen PC D06-29	Heartland C31-78-1HN	371	NOBLE ENERGY	07/02/1905	PR	732	547		6800	1841
2		05-123-14684	API 24-1	Heartland G25-72-1HN	290	NOBLE ENERGY	06/12/1905	PR	454	504		6836	
3		05-123-16833	API 24-42	Heartland G25-73-1HN	1132	NOBLE ENERGY	06/17/1905	PR	458	475		6788	
4	x	05-123-19393	BEEBE DRAW 4 (NON-OP)	Heartland G36-75-1HN	1224	PDC ENERGY INC	06/19/1905	PR	519	520		6869	200
5	x	05-123-21856	BROOMFIELD 18-19	Heartland C30-79-1HN	835	NOBLE ENERGY	06/26/1905	PR	585	527		6921	
6	x	05-123-29889	BROOMFIELD 24-15 (NON-OP)	Heartland G25-73-1HN	101	PETRO-CANADA RESOURCES (USA) INC		AL					
7	x	05-123-25652	BROOMFIELD 24-45	Heartland G25-73-1HN	285	NOBLE ENERGY	06/30/1905	PR	564	493		6881	
8		05-123-18990	BROSNAHAN 13-30	Heartland C30-79-1HN	0	NOBLE ENERGY	06/18/1905	PR	536	529		7023	
9	x	05-123-22191	BROSNAHAN 14-30	Heartland C31-78-1HN	1151	NOBLE ENERGY	06/26/1905	PR	635	556		6878	
10	x	05-123-19086	BROSNAHAN 24-30 (NON-OP)	Heartland C31-78-1HN	1466	BASIN EXPLORATION INC		AL					
11		05-123-11606	BURKE #24-2	Heartland G25-73-1HN	932	NOBLE ENERGY	06/06/1905	PR	225	492		6813	
12		05-123-11605	BURKE 24-1	Heartland G25-73-1HN	896	NOBLE ENERGY	06/06/1905	PR	222	472		6868	
13		05-123-14522	BURKE 24-3	Heartland G25-72-1HN	212	NOBLE ENERGY	06/12/1905	PR	439	501		6835	
14	x	05-123-14527	BURKE 24-3S (NON-OP)	Heartland G25-72-1HN	221	PETRO-CANADA RESOURCES (USA) INC	06/12/1905	PA	439	501			4005
15		05-123-13733	BURKE R G 24-16	Heartland G25-73-1HN	252	NOBLE ENERGY	06/09/1905	PR	303	506		6881	
16		05-123-13732	BURKE R G 24-8	Heartland G25-72-1HN	126	NOBLE ENERGY	06/09/1905	PR	327	503		6813	
17		05-123-13363	COLLINS 1-1	Heartland H01-73-1HN	139	NOBLE ENERGY	06/09/1905	PR	319	583		6830	
18		05-123-12573	CPC PLUSS 25-1	Heartland G25-72-1HN	180	NOBLE ENERGY	06/08/1905	PR	310	513		6941	
19	x	05-123-13345	CPC STEWART 1-1 (NON-OP)	Heartland H01-74-1HN	371	PETRO-CANADA RESOURCES (USA) INC		AL					
20	x	05-123-15747	DANE STATE G36-16S (NON-OP)	Heartland H01-73-1HN	476	GERRITY OIL & GAS CORP		AL					
21	x	05-123-19813	FARAMIR FARMS 6-21	Heartland C31-78-1HN	1282	NOBLE ENERGY	06/21/1905	PR	627	530		6776	3600
22	x	05-123-19812	FARAMIR FARMS 6-22	Heartland C31-79-1HN	892	NOBLE ENERGY	06/21/1905	PR	666	558		6818	4200
23	x	05-123-19254	FARAMIR FARMS 6-32	Heartland H01-73-1HN	1352	NOBLE ENERGY	06/18/1905	PR	606	564		6790	4340
24		05-123-11714	FARR 1	Heartland C30-79-1HN	848	NOBLE ENERGY	06/06/1905	PR	517	508		6914	6716
25		05-123-14300	FREEDOM ONE C 19-5	Heartland C30-79-1HN	250	NOBLE ENERGY	06/11/1905	PR	495	521		6926	
26		05-123-14624	FREEDOM TWO C 19-4	Heartland C30-79-1HN	276	NOBLE ENERGY	06/12/1905	PR	471	516		6936	4030
27		05-123-13291	GERRITY STATE G 36-01	Heartland H01-73-1HN	307	NOBLE ENERGY	06/08/1905	PR	298	539		6884	
28		05-123-13315	GERRITY STATE G 36-02	Heartland G36-75-1HN	218	NOBLE ENERGY	06/09/1905	PR	304	525		6806	
29		05-123-13313	GERRITY STATE G 36-08	Heartland H01-73-1HN	287	NOBLE ENERGY	06/09/1905	PR		547		6854	
30		05-123-13292	Gerrity State G 36-09	Heartland H01-73-1HN	296	NOBLE ENERGY	06/09/1905	PR	305	545		6812	

31		05-123-13514	GERRITY STATE G 36-10	Heartland G36-75-1HN	218	NOBLE ENERGY	06/09/1905	PR	310	550		6889	
32		05-123-13316	GERRITY STATE G 36-15	Heartland G36-75-1HN	211	NOBLE ENERGY	06/09/1905	PR	304	552		6886	
33		05-123-22820	GERRITY STATE G 36-17	Heartland H01-74-1HN	225	NOBLE ENERGY	06/27/1905	PR	620	534		6821	3552
34		05-123-23086	GERRITY STATE G 36-23	Heartland H01-74-1HN	282	NOBLE ENERGY	06/27/1905	PR	600	566		6847	
35	x	05-123-32161	Hoff PC D06-28D	Heartland C31-78-1HN	351	NOBLE ENERGY	07/02/1905	PR	740	547		6981	1616
36	x	05-123-25650	HORST 6-25	Heartland C31-78-1HN	1367	NOBLE ENERGY	06/30/1905	PR	620	551		6793	16
37	x	05-123-19877	HOUNDSKEEPE R 1-13	Heartland H01-74-1HN	338	NOBLE ENERGY	06/22/1905	PR	603	607		6853	
38	x	05-123-25800	HOUNDSKEEPE R H 1-17	Heartland H01-74-1HN	321	NOBLE ENERGY	06/30/1905	PR	652	590		6837	1830
39	x	05-123-27129	HOUNDSKEEPE R H 1-22	Heartland H01-74-1HN	308	NOBLE ENERGY	06/30/1905	PR	688	605		6837	1370
40	x	05-123-25757	HOUNDSKEEPE R H 1-27	Heartland H01-74-1HN	0	NOBLE ENERGY	06/30/1905	PR	784	577		6942	2150
41	x	05-123-25758	HOUNDSKEEPE R H 1-28	Heartland G36-75-1HN	351	NOBLE ENERGY	06/30/1905	PR	824	576		7013	2356
42	x	05-123-31965	HOUNDSKEEPE R PC H01-21D	Heartland H01-74-1HN	0	NOBLE ENERGY	07/03/1905	PR	694	603		7012	720
43		05-123-14665	HUNTSMAN G 13-16	Heartland G25-72-1HN	792	NOBLE ENERGY	06/13/1905	PR	402	486		6793	3890
44		05-123-11961	JOHNSON A-30	Heartland C30-79-1HN	305	NOBLE ENERGY	06/06/1905	PR	441	558		6904	
45		05-123-13729	LJS R H 1-2	Heartland H01-74-1HN	482	NOBLE ENERGY	06/09/1905	PR	318	574		6810	6536
46		05-123-13730	LJS R H 1-8	Heartland H01-73-1HN	276	NOBLE ENERGY	06/09/1905	PR	313	577		6816	6469
47	x	05-123-14440	MILLER 24-1	Heartland G25-73-1HN	670	NOBLE ENERGY	06/11/1905	PR	436	489		6818	
48	x	05-123-14521	MILLER 24-1 S (NON-OP)	Heartland G25-73-1HN	703	PETRO-CANADA RESOURCES (USA) INC	06/12/1905	PA	419	490			4132
49	x	05-123-13404	OCOMA - UPRR C-31-11	Heartland C31-78-1HN	1022	NOBLE ENERGY	06/09/1905	PR	317	571		6835	6236
50	x	05-123-13405	OCOMA - UPRR C31-12	Heartland C31-79-1HN	217	NOBLE ENERGY	06/09/1905	PR	313	572		6844	6212
51	x	05-123-15026	OCOMA 31-17 (NON-OP)	Heartland C31-79-1HN	227	K P KAUFFMAN COMPANY INC	06/13/1905	PR	609	557			3517
52	x	05-123-14803	OCOMA 31-18 (NON-OP)	Heartland C31-78-1HN	306	K P KAUFFMAN COMPANY INC	06/12/1905	PR	606	571			3360
53	x	05-123-15677	OCOMA 31-25 (NON-OP)	Heartland C31-79-1HN	163	K P KAUFFMAN COMPANY INC	06/14/1905	PR	610	566			3326
54	x	05-123-17417	OCOMA 31-26 (NON-OP)	Heartland C31-78-1HN	949	K P KAUFFMAN COMPANY INC	06/15/1905	PR	610	582			3085
55	x	05-123-17806	OCOMA 31-27 (NON-OP)	Heartland C31-78-1HN	988	K P KAUFFMAN COMPANY INC	06/15/1905	PR	617	571			3050
56	x	05-123-17961	OCOMA 31-28 (NON-OP)	Heartland C31-78-1HN	127	WRIGHTS OIL & GAS		AL					
57	x	05-123-22246	OCOMA C 31-25	Heartland C31-78-1HN	255	NOBLE ENERGY	06/26/1905	PR	635	561		6824	3800
58	x	05-123-34558	Ocoma C31-20D	Heartland C31-78-1HN	387	NOBLE ENERGY	07/03/1905	PR	698	569		7115	670
59	x	05-123-34559	Ocoma C31-24D	Heartland C31-78-1HN	476	NOBLE ENERGY	07/03/1905	PR	736	569		6992	2318
60		05-123-13356	OCOMA G 25-16	Heartland G25-72-1HN	164	NOBLE ENERGY	06/09/1905	PR	324	534		6828	
61		05-123-13413	OCOMA G25-10	Heartland G25-73-1HN	995	NOBLE ENERGY	06/09/1905	PR	320	501		6823	
62		05-123-13414	OCOMA G25-15	Heartland G36-75-1HN	632	NOBLE ENERGY	06/09/1905	PR	319	522		6820	
63		05-123-15626	OCOMA G25-23	Heartland G25-73-1HN	329	NOBLE ENERGY	06/14/1905	PR	466	520		6814	
64		05-123-13355	OCOMA G25-9	Heartland G25-72-1HN	152	NOBLE ENERGY	06/09/1905	PR	317	526		6829	

65	x	05-123-13400	OCOMA UPRR C31-13	Heartland C31-79-1HN	173	NOBLE ENERGY	06/09/1905	PR	311	557		6822	6168
66		05-123-13401	OCOMO C 31-14	Heartland C31-78-1HN	1060	NOBLE ENERGY	06/09/1905	PR	316	546		6799	
67	x	05-123-33323	Pedro State C31-79HN	Heartland G25-72-1HN	381	NOBLE ENERGY	07/03/1905	PR		556		7094	130
68	x	05-123-25357	PEDRO STATE G 36-18	Heartland G36-75-1HN	352	NOBLE ENERGY	06/30/1905	PR	603	535		6805	1576
69	x	05-123-25355	PEDRO STATE G 36-21	Heartland G36-75-1HN	389	NOBLE ENERGY	06/30/1905	PR	567	534		6793	1460
70	x	05-123-25697	PEDRO STATE G 36-22	Heartland H01-73-1HN	308	NOBLE ENERGY	06/30/1905	PR	606	539		6867	2650
71	x	05-123-25354	PEDRO STATE G 36-24	Heartland G36-75-1HN	361	NOBLE ENERGY	06/30/1905	PR	608	540		6886	1658
72		05-123-12588	PLUSS G 25-07	Heartland G25-73-1HN	973	NOBLE ENERGY	06/07/1905	PR	303	502		6805	
73		05-123-13149	PLUSS G 25-8	Heartland G25-72-1HN	219	NOBLE ENERGY	06/08/1905	PR	306	514		6803	
74	x	05-123-33661	SHELTON 27-2	Heartland H01-74-1HN	1209	NOBLE ENERGY	07/03/1905	PR	639	543		6884	
75	x	05-123-22559	SHELTON 3-1	Heartland G36-75-1HN	1292	NOBLE ENERGY	06/26/1905	PR	763	568		6867	3670
76	x	05-123-27139	SHELTON D 07-30	Heartland H01-73-1HN	706	NOBLE ENERGY	06/30/1905	PR		608		6823	1878
77	x	05-123-18981	SHELTON G #25-02	Heartland G25-73-1HN	939	NOBLE ENERGY	06/19/1905	PR	542	491		6839	
78	x	05-123-33512	Shelton G 25-17	Heartland G25-73-1HN	256	NOBLE ENERGY		AL					
79	x	05-123-33519	Shelton G 25-22	Heartland G25-73-1HN	301	NOBLE ENERGY	07/03/1905	PR	737	516		6818	2236
80		05-123-33506	Shelton G 25-27D	Heartland G25-72-1HN	174	NOBLE ENERGY		AL					
81	x	05-123-25304	SHELTON G 36-27	Heartland H01-74-1HN	17	NOBLE ENERGY	06/30/1905	PR		527		6819	1900
82	x	05-123-35536	SHELTON G24-74-1HN	Heartland G25-73-1HN	569	NOBLE ENERGY	07/04/1905	PR		468		6990	1848
83	x	05-123-35541	Shelton G25-75HN	Heartland G36-75-1HN	589	NOBLE ENERGY	07/04/1905	PR		468		6954	1155
84	x	05-123-29948	SHELTON H 01-24	Heartland H01-74-1HN	901	NOBLE ENERGY	07/01/1905	PR		620		6860	1040
85	x	05-123-32304	SHELTON PC D 06-32D	Heartland H01-73-1HN	994	NOBLE ENERGY	07/03/1905	PR	702	538		7281	1571
86	x	05-123-35537	Shelton PC G24-75HN	Heartland G25-73-1HN	1429	NOBLE ENERGY	07/04/1905	PR		468		6954	1275
87	x	05-123-35538	Shelton PC G25-28	Heartland G25-73-1HN	1449	NOBLE ENERGY		AL					
88	x	05-123-35545	Shelton PC G25-74-1HN	Heartland G36-75-1HN	375	NOBLE ENERGY	07/04/1905	PR		496		7028	1304
89		05-123-13314	STATE G 36-16	Heartland H01-73-1HN	277	NOBLE ENERGY	06/09/1905	PR	303	572		6830	
90		05-123-13544	STATE R G 36-11	Heartland G36-75-1HN	1019	NOBLE ENERGY	06/09/1905	PR	311	529		6798	6090
91		05-123-13545	STATE R G 36-14	Heartland G36-75-1HN	1049	NOBLE ENERGY	06/09/1905	PR	311	532		6804	6116
92		05-123-13542	STATE R G 36-3	Heartland G36-75-1HN	1009	NOBLE ENERGY	06/09/1905	PA	333	526		6810	
93		05-123-13543	STATE R G 36-6	Heartland G36-75-1HN	1033	NOBLE ENERGY	06/09/1905	PR	305	526		6803	6050
94		05-123-11797	STEWART 30-1	Heartland C30-79-1HN	310	NOBLE ENERGY	06/06/1905	PR	319	548		6870	
95		05-123-13302	STEWART 30-2	Heartland C30-79-1HN	1458	NOBLE ENERGY	06/09/1905	PR	309	546		6868	6320
96	x	05-123-19832	STEWART 30-23	Heartland C30-79-1HN	398	NOBLE ENERGY	06/21/1905	PR	561	549		6896	
97	x	05-123-23935	STEWART 30-25	Heartland C30-79-1HN	887	NOBLE ENERGY	06/28/1905	PR	580	548		6860	2964
98	x	05-123-26950	STROH D 07-31	Heartland H01-73-1HN	1496	NOBLE ENERGY	06/30/1905	PR	658	618		6818	1494
99	x	05-123-15720	STROH H 12-1	Heartland H01-73-1HN	662	NOBLE ENERGY	06/14/1905	PR	588	607		6825	
100		05-123-15738	STROH H 12-2	Heartland H01-74-1HN	737	NOBLE ENERGY	06/14/1905	PR	589	613		6839	
101	x	05-123-26372	STROH H 12-27	Heartland H01-74-1HN	306	NOBLE ENERGY	06/30/1905	PR	684	631		6850	

102	x	05-123-34988	STROH H 12-28D	Heartland H01-74-1HN	1121	NOBLE ENERGY	07/04/1905	PR	796	580		7182	3570
103	x	05-123-30926	Stroh H12-99HZ	Heartland H01-73-1HN	896	NOBLE ENERGY	07/02/1905	PR		580		6965	1010
104	x	05-123-11659	SUNSET MINE 1 (NON-OP)	Heartland C30-79-1HN	724	TRAILBLAZER OIL & GAS CO		AL					
105	x	05-123-21607	TIMMERMAN 15-13	Heartland G25-73-1HN	602	NOBLE ENERGY	06/25/1905	PR	631	501		6881	
106	x	05-123-22172	TIMMERMAN 20-13	Heartland G25-73-1HN	1328	NOBLE ENERGY	06/26/1905	PR	650	479		6806	
107	x	05-123-16355	UPRC 1-10J	Heartland H01-74-1HN	481	NOBLE ENERGY	06/15/1905	PR	665	626		6831	
108	x	05-123-16763	UPRC 1-14J5	Heartland H01-74-1HN	1472	NOBLE ENERGY	06/16/1905	PR	646	603		6846	
109	x	05-123-15171	UPRC 1-15J	Heartland H01-74-1HN	529	NOBLE ENERGY	06/14/1905	PR	614	622		6845	
110	x	05-123-15172	UPRC 1-16J	Heartland H01-73-1HN	247	NOBLE ENERGY	06/14/1905	PR	609	623		6830	
111	x	05-123-16356	UPRC 1-9J	Heartland H01-73-1HN	366	NOBLE ENERGY	06/15/1905	PR	658	622		6811	
112	x	05-123-15900	UPRC 31-3H	Heartland C31-78-1HN	980	NOBLE ENERGY	06/14/1905	PR	610	571		6892	
113	x	05-123-15839	UPRC 31-4H	Heartland C31-78-1HN	140	NOBLE ENERGY	06/14/1905	PR	609	554		6828	
114	x	05-123-15885	UPRC 31-5H	Heartland C31-79-1HN	154	NOBLE ENERGY	06/14/1905	PR	594	566		6828	
115	x	05-123-15901	UPRC 31-6H	Heartland C31-78-1HN	938	NOBLE ENERGY	06/14/1905	PR	603	577		6887	
116	x	05-123-12548	UPRR 39 PAN AM /E/ 1	Heartland G36-75-1HN	1179	NOBLE ENERGY	06/07/1905	PR	504	562		6885	3750
117		05-123-13761	VICTOR C 19-12	Heartland C30-79-1HN	297	NOBLE ENERGY	06/09/1905	SI	308	526		6893	
118	x	05-123-13508	VICTOR C 19-13	Heartland C30-79-1HN	226	NOBLE ENERGY	06/09/1905	PR	307	533		6902	
119	x	05-123-21445	WALTERS C 31-19	Heartland C31-78-1HN	272	NOBLE ENERGY	06/25/1905	PR	633	566		6858	
120	x	05-123-35216	WIP PC D 06-30D	Heartland C31-79-1HN	581	NOBLE ENERGY		XX					
121	x	05-123-35210	WIP PC D 06-31	Heartland H01-73-1HN	650	NOBLE ENERGY		XX					

Total Wells: 121

Meets Standard(STD): 78

Needs Evaluation: 43