

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		05-123-11786	CARPIO 22-01	LARSON A23-622	689	NOBLE ENERGY INC	06/06/1905	PR	307	700		6633	6350
2		05-123-15668	CARPIO 22-41	LARSON A23-639	522	NOBLE ENERGY INC	06/14/1905	PR	387	700		6615	6265
3		05-123-26079	CARPIO 22-45	LARSON A23-627	1012	NOBLE ENERGY INC	06/29/1905	PR	667	700		6622	2630
4		05-123-22827	CARPIO A26-04	LARSON A23-622	1384	NOBLE ENERGY INC	06/27/1905	PR	919	700		6555	2908
5		05-123-18514	CECIL 23-13	LARSON A23-639	1500	NOBLE ENERGY INC	06/16/1905	PR	351	700		6558	5765
6		05-123-10959	CHAMPLIN 23-02	LARSON A23-639	110	PETRO-CANADA RESOURCES (USA) INC	06/05/1905	PA	233	700		6599	6114
7		05-123-11845	CHAMPLIN 23-03	LARSON A23-622	92	NOBLE ENERGY INC	06/06/1905	PR	330	700		6561	6214
8		05-123-08968	CHAMPLIN AMOCO A01 308	LARSON A23-622	146	AMOCO PRODUCTION CO.	05/29/1905	PA	205	700		6543	6305
9	x	05-123-25530	COOK 20D	LARSON AA19-630	170	PDC ENERGY INC	06/30/1905	PR	491	700		6453	168
10	x	05-123-25528	COOK 33-20	LARSON AA19-635	194	PDC ENERGY INC	06/30/1905	PR	502	700		6455	0
11	x	05-123-25529	COOK 34-20	LARSON AA19-618	28	PDC ENERGY INC	06/30/1905	PR	501	700		6453	0
12	x	05-123-25249	COOK 43-20	LARSON AA19-635	107	PDC ENERGY INC	06/30/1905	PR	490	700		6454	0
13	x	05-123-25250	COOK 44-20	LARSON AA19-618	134	PDC ENERGY INC	06/30/1905	PR	503	700		6454	0
14	x	05-123-30426	COOPER 23-01-20	LARSON A23-639	851	NOBLE ENERGY INC	07/02/1905	PR	521	700		6639	2216
15		05-123-23712	FOSS 41-23D	LARSON A23-639	1214	NOBLE ENERGY INC	06/28/1905	PR	544	700		6868	2711
16		05-123-23549	FOSS 42-23	LARSON A23-639	1194	NOBLE ENERGY INC	06/28/1905	PR	530	700		6612	3246
17		05-123-10789	GILL LAND ASSOC. 01	LARSON A23-639	1448	NOBLE ENERGY INC	06/04/1905	PA	231	700		6650	6470
18		05-123-21751	J & L FARMS 11-29	LARSON AA19-618	1183	PDC ENERGY INC	06/25/1905	SI	671	700		6460	2795
19		05-123-21805	J & L FARMS 12-20	LARSON AA19-635	1417	PDC ENERGY INC	06/26/1905	PR	363	700		6475	2606
20		05-123-21695	J & L FARMS 21-29	LARSON AA19-618	1226	PDC ENERGY INC	06/25/1905	PR	363	700		6462	3246
21		05-123-20005	J & L FARMS 23-12	LARSON A23-639	1227	PDC ENERGY INC	06/22/1905	PR	289	700		6581	5902
22		05-123-19904	J & L FARMS 23-22	LARSON A23-639	1347	PDC ENERGY INC	06/22/1905	PR	421	700		6567	6320
23		05-123-21511	J & L FARMS 31-29	LARSON AA19-618	1388	PDC ENERGY INC	06/25/1905	SI	669	700		6475	3062
24		05-123-21807	J & L FARMS 31-30	LARSON AA19-618	1322	PDC ENERGY INC	06/25/1905	PR	664	700		6458	2786
25		05-123-22317	J & L FARMS 32-19	LARSON AA19-635	1287	PDC ENERGY INC	06/26/1905	PR	408	700		6482	2464
26		05-123-21510	J & L FARMS 41-29	LARSON AA19-618	1168	PDC ENERGY INC	06/25/1905	SI	363	700		6459	2800
27		05-123-22684	J & L FARMS 42-19	LARSON AA19-635	1411	PDC ENERGY INC	06/27/1905	PR	453	700		6475	2266
28		05-123-14701	LARSON A25-01	LARSON AA19-618	1355	NOBLE ENERGY INC	06/12/1905	PA	273	700		6493	6066
29		05-123-14702	LARSON A25-02	LARSON A23-622	1490	NOBLE ENERGY INC	06/12/1905	PA	273	700		6509	5930
30		05-123-14703	LARSON A25-03	LARSON A23-622	1478	NOBLE ENERGY INC	06/12/1905	PA	274	700		6503	6010
31		05-123-26476	LARSON A25-03X	LARSON A23-622	1322	NOBLE ENERGY INC	06/29/1905	PA	778	700		6503	2050

32	x	05-123-34360	LARSON FARMS 02-24	LARSON A23-639	1404	BAYSWATER EXPLORATION AND PRODUCTION LLC	07/03/1905	SI	760	700		6709	512
33	x	05-123-34147	LARSON FARMS 03-24	LARSON A23-639	114	BAYSWATER EXPLORATION AND PRODUCTION LLC	07/03/1905	PR	757	700		6580	225
34	x	05-123-34148	LARSON FARMS 04-24	LARSON A23-639	134	BAYSWATER EXPLORATION AND PRODUCTION LLC	07/03/1905	PR	759	700		7033	452
35	x	05-123-34145	LARSON FARMS 05-24	LARSON A23-633	0	BAYSWATER EXPLORATION AND PRODUCTION LLC	07/03/1905	PR	760	700		6850	404
36	x	05-123-34146	LARSON FARMS 06-24	LARSON A23-622	0	BAYSWATER EXPLORATION AND PRODUCTION LLC	07/03/1905	PR	760	700		7106	280
37	x	05-123-34149	LARSON FARMS 07-24	LARSON A23-622	0	BAYSWATER EXPLORATION AND PRODUCTION LLC	07/03/1905	PR	759	700		6904	352
38		05-123-24331	LARSON USX AA19-05	LARSON A23-639	1330	NOBLE ENERGY INC	06/29/1905	PR	858	700		6495	5933
39		05-123-14710	MCINTOSH 33-23	LARSON A23-639	119	PDC ENERGY INC	06/12/1905	PR	305	700		6579	6252
40		05-123-14506	MCINTOSH 34-23	LARSON A23-622	162	PDC ENERGY INC	06/12/1905	PR	316	700		6511	6100
41		05-123-21663	MCINTOSH 43-23	LARSON A23-639	156	PDC ENERGY INC	06/25/1905	PR	424	700		6498	2665
42		05-123-21662	MCINTOSH 44-23	LARSON A23-622	351	PDC ENERGY INC	06/25/1905	PR	424	700		6537	2460
43		05-123-26192	PEPPLER 24-32	LARSON A23-639	276	NOBLE ENERGY INC	06/29/1905	PR	451	700		6548	5914
44		05-123-22881	SCHROEDER 23-31	LARSON A23-639	130	NOBLE ENERGY INC	06/27/1905	PR	860	700		6555	3350
45		05-123-27282	SCHROEDER 23-33	LARSON A23-622	362	NOBLE ENERGY INC	06/29/1905	PR	889	700		6579	6000
46	x	05-123-42889	Shadow A26-672	LARSON AA19-618	1421	NOBLE ENERGY INC	07/08/1905	DG		700			
47	x	05-123-42890	Shadow A26-685	LARSON AA19-618	848	NOBLE ENERGY INC	07/08/1905	DG		700			
48	x	05-123-42891	Shadow A26-690	LARSON AA19-618	522	NOBLE ENERGY INC	07/08/1905	DG		700			
49		05-123-23561	SIDWELL A26-03	LARSON A23-622	1391	NOBLE ENERGY INC	06/28/1905	PR	892	700		6807	2136
50		05-123-20876	STATE 6524 11-28	LARSON AA19-618	1443	PDC ENERGY INC	06/25/1905	SI	366	700		6544	2956
51		05-123-27051	THRALL USX AA19-11	LARSON AA19-635	103	NOBLE ENERGY INC	06/28/1905	PR	778	700		6468	2094
52		05-123-27052	THRALL USX AA19-12	LARSON AA19-635	417	NOBLE ENERGY INC	06/29/1905	PR	779	700		6470	2160
53		05-123-24445	THRALL USX AA19-13	LARSON AA19-618	141	NOBLE ENERGY INC	06/29/1905	PR	785	700		6489	2134
54		05-123-27050	THRALL USX AA19-14	LARSON AA19-618	51	NOBLE ENERGY INC	06/28/1905	PR	784	700		6455	1946
55		05-123-26516	THRALL USX AA19-25	LARSON AA19-635	92	NOBLE ENERGY INC	06/29/1905	PR	782	700		6495	1730
56		05-123-26434	WELL RANCH USX AA19-15	LARSON AA19-618	89	NOBLE ENERGY INC	06/29/1905	PR	820	700		6471	2330
57		05-123-25600	WELLS RANCH 13-20	LARSON AA19-635	89	PDC ENERGY INC	06/27/1905	PR	409	700		6462	1750
58		05-123-22774	WELLS RANCH 14-20	LARSON AA19-618	60	PDC ENERGY INC	06/27/1905	PR	455	700		6461	2080
59		05-123-22775	WELLS RANCH 23-20	LARSON AA19-635	97	PDC ENERGY INC	06/27/1905	PR	455	700		6463	2462
60		05-123-25601	WELLS RANCH 24-20	LARSON AA19-618	59	PDC ENERGY INC	06/27/1905	PR	764	700		6454	2328
61		05-123-22724	WELLS RANCH 41-30	LARSON AA19-618	1191	PDC ENERGY INC	06/27/1905	PR	764	700		6454	2328

62	x	05-123-26805	WELLS RANCH AA21-12	LARSON AA19-635	619	NOBLE ENERGY INC	06/30/1905	PR	529	700		6553	796
63	x	05-123-26804	WELLS RANCH AA21-13	LARSON AA19-618	523	NOBLE ENERGY INC	06/30/1905	PR	536	700		6568	950
64	x	05-123-37597	WELLS RANCH AA21-63-1HN	LARSON AA19-624	525	NOBLE ENERGY INC	07/06/1905	PR		700		6642	1208
65	x	05-123-37600	WELLS RANCH AA21-63HN	LARSON AA19-630	537	NOBLE ENERGY INC	07/06/1905	PR	952	700		6666	865
66	x	05-123-37596	WELLS RANCH AA21-64-1HN	LARSON AA19-635	541	NOBLE ENERGY INC	07/06/1905	PR		700		6778	670
67	x	05-123-37599	WELLS RANCH AA21-65-1HN	LARSON AA19-635	749	NOBLE ENERGY INC	07/06/1905	PR	960	700		6773	1216
68	x	05-123-37810	WELLS RANCH AA21-65HN	LARSON AA19-635	1049	NOBLE ENERGY INC	07/05/1905	PR	924	700		6677	1105
69	x	05-123-37712	WELLS RANCH AA21-66-1HN	LARSON AA19-635	1270	NOBLE ENERGY INC	07/06/1905	PR		700		6668	1170
70	x	05-123-37598	WELLS RANCH STATE AA21-62 -1HN	LARSON AA19-618	599	NOBLE ENERGY INC	07/06/1905	PR	960	700		6697	800
71	x	05-123-38140	WELLS RANCH STATE AA28- 69HN	LARSON AA19-618	786	NOBLE ENERGY INC	07/05/1905	PR		700		6759	746
72		05-123-43872	Wells Ranch State AA33-766	LARSON AA19-618	894	NOBLE ENERGY INC		XX		700			
73	x	05-123-43871	Wells Ranch State AA33-775	LARSON AA19-618	860	NOBLE ENERGY INC		XX		700			
74	x	05-123-43875	Wells Ranch State AA33-785	LARSON AA19-618	461	NOBLE ENERGY INC		XX		700			
75	x	05-123-43876	Wells Ranch State AA33-790	LARSON AA19-618	283	NOBLE ENERGY INC		XX		700			
76		05-123-26433	WELLS RANCH USX AA19-09	LARSON AA19-635	255	NOBLE ENERGY INC	06/29/1905	PR	825	700		6471	1240
77		05-123-26432	WELLS RANCH USX AA19-10	LARSON AA19-635	260	NOBLE ENERGY INC	06/29/1905	PR	816	700		6517	2450
78		05-123-26435	WELLS RANCH USX AA19-16	LARSON AA19-618	85	NOBLE ENERGY INC	06/29/1905	PR	798	700		6511	2278
79		05-123-24725	WELLS RANCH USX AA19-23	LARSON AA19-630	78	NOBLE ENERGY INC	06/29/1905	PR	802	700		6476	1738

Total Wells: 79

Meets Standard(STD): 28

Needs Evaluation: 51