

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		05-123-22763	ALM 32-33	GROVES FARM M-34- 33HN	733	PDC ENERGY INC	03/08/2005	PA	448	500		7204	2610
2	x	05-123-37332	ALM 33V-234	GROVES FARM M-34- 33HN	1263	PDC ENERGY INC	04/08/2015	PR	927	500		6918	0
3	x	05-123-37352	ALM 33V-314	GROVES FARM M-34- 33HN	1497	PDC ENERGY INC	03/21/2015	PR	928	500		6891	0
4	x	05-123-37329	ALM 33V-404	GROVES FARM M-34- 33HN	1263	PDC ENERGY INC	03/30/2015	PR	928	500		7452	0
5	x	05-123-37330	ALM 33W-314	GROVES FARM M-34- 33HN	509	PDC ENERGY INC	04/16/2015	SI	928	500		6952	0
6	x	05-123-37331	ALM 33W-404	GROVES FARM M-34- 33HN	165	PDC ENERGY INC	04/24/2015	PR	928	500		7738	0
7		05-123-23665	ALM 42-33	GROVES FARM M-34- 33HN	646	PDC ENERGY INC	03/24/2006	PA	451	500		7115	
8	x	05-123-35114	ALM 42-33H	GROVES FARM M-34- 33HN	1320	PDC ENERGY INC		AL		500			
9	x	05-123-33003	APPALOOSA 33 -13	GROVES FARM Q-34- 33HN	0	BAYSWATER EXPLORATION & PRODUCTION, LLC	05/28/2011	SI	578	500		7283	2738
10	x	05-123-32999	APPALOOSA 33 -14	GROVES FARM R-34- 33HC	0	BAYSWATER EXPLORATION & PRODUCTION, LLC	05/16/2011	SI	554	500		7300	2692
11		05-123-21736	BOOTH 13-35	GROVES FARM P-34- 33HN	953	PDC ENERGY INC		AL		500			
12		05-123-21940	BOOTH 14-35	GROVES FARM V-34- 33HC	931	PDC ENERGY INC	02/02/2004	SI	406	500		7185	3211
13	x	05-123-34215	BOOTH USX EE 35-05D	GROVES FARM M-34- 33HN	1449	NOBLE ENERGY INC	10/01/2011	SI	790	500		7685	2050
14	x	05-123-34217	BOOTH USX EE 35-12D	GROVES FARM P-34- 33HN	1134	NOBLE ENERGY INC	10/10/2011	SI	744	500		7260	1870
15		05-123-12576	ELLISTON 1-2	GROVES FARM X-34- 33HN	1437	LYSANDER RESOURCES		AL		500			
16		05-123-24585	GROVES 33-34	GROVES FARM P-34- 33HN	61	PDC ENERGY INC	01/10/2007	PR	680	500		7127	600
17		05-123-24586	GROVES 34-34	GROVES FARM V-34- 33HC	6	PDC ENERGY INC	01/04/2007	PR	677	500		7119	890
18		05-123-24593	GROVES 43-34	GROVES FARM P-34- 33HN	49	PDC ENERGY INC	01/15/2007	PR	680	500		7134	360
19		05-123-24594	GROVES 44-34	GROVES FARM W-34- 33HN	27	PDC ENERGY INC	12/30/2006	SI	677	500		7147	200
20		05-123-10945	GUSTAFSON 1- 4E	GROVES FARM X-34- 33HN	1257	NOBLE ENERGY INC		SI	257	500		7590	

21		05-123-26080	HARPER 34-23	GROVES FARM M-34-33HN	706	NOBLE ENERGY INC	08/26/2007	PR	568	500		7113	2922
22		05-123-22993	HAZEN 22-33	GROVES FARM M-34-33HN	785	PDC ENERGY INC	06/08/2005	PA	453	500		7203	3118
23		05-123-14084	JOHNSON 11-4	GROVES FARM X-34-33HN	1002	LYCO ENERGY CORPORATION	10/25/1988	DA	314	500			
24		05-123-14135	JOHNSON 11A-4	GROVES FARM X-34-33HN	989	SRC ENERGY INC	10/28/1988	SI	313	500		7152	6400
25		05-123-24144	JOHNSON 21-4	GROVES FARM X-34-33HN	838	TEXAS AMERICAN RESOURCES COMPANY		AL		500			
26	x	05-123-33289	JOHNSON PC EE 33-09D	GROVES FARM W-34-33HN	0	NOBLE ENERGY INC	05/02/2011	SI	818	500		7592	1970
27	x	05-123-33283	JOHNSON PC EE 33-10D	GROVES FARM W-34-33HN	0	NOBLE ENERGY INC	05/13/2011	SI	798	500		7472	2180
28	x	05-123-33286	JOHNSON PC EE 33-15D	GROVES FARM W-34-33HN	0	NOBLE ENERGY INC	05/18/2011	SI	811	500		7245	2010
29	x	05-123-33284	JOHNSON PC EE 33-16D	GROVES FARM W-34-33HN	0	NOBLE ENERGY INC	04/25/2011	SI	808	500		7271	1885
30	x	05-123-33282	JOHNSON PC EE 33-23D	GROVES FARM W-34-33HN	0	NOBLE ENERGY INC	05/07/2011	SI	801	500		7309	2682
31		05-123-23385	KASTNER 31-3	GROVES FARM X-34-33HN	688	NOBLE ENERGY INC	12/16/2005	SI	473	500		7111	3610
32		05-123-23386	KASTNER 41-3	GROVES FARM X-34-33HN	659	NOBLE ENERGY INC	12/22/2005	SI	479	500		7138	3356
33		05-123-18620	KASTNER-WELLS 3-11	GROVES FARM X-34-33HN	830	PETRO-CANADA RESOURCES (USA) INC		AL		500			
34	x	05-123-25733	LAMB 33-23	GROVES FARM O-34-33HN	47	GREAT WESTERN OPERATING COMPANY LLC	08/31/2008	SI	604	500		7145	3065
35	x	05-123-25756	LAMB 33-24	GROVES FARM V-34-33HC	37	GREAT WESTERN OPERATING COMPANY LLC	09/05/2008	SI	588	500		7137	3332
36	x	05-123-33000	LAMB 33-53	GROVES FARM R-34-33HC	42	GREAT WESTERN OPERATING COMPANY LLC	05/22/2011	SI	563	500		7143	3084
37		05-123-37316	LAMB EF 33-20D	GROVES FARM V-34-33HC	52	GREAT WESTERN OPERATING COMPANY LLC		AL		500			
38		05-123-37314	LAMB EF 33-34D	GROVES FARM V-34-33HC	65	GREAT WESTERN OPERATING COMPANY LLC		AL		500			
39		05-123-37313	LAMB EF 33-35D	GROVES FARM V-34-33HC	35	GREAT WESTERN OPERATING COMPANY LLC		AL		500			
40		05-123-37315	LAMB EF 33-36D	GROVES FARM V-34-33HC	22	GREAT WESTERN OPERATING COMPANY LLC		AL		500			
41		05-123-42801	MACH ONE E03-671	GROVES FARM X-34-33HN	1492	NOBLE ENERGY INC		XX		500			
42		05-123-42795	MACH ONE E03-675	GROVES FARM X-34-33HN	1000	NOBLE ENERGY INC		XX		500			

43		05-123-42791	MACH ONE E03-685	GROVES FARM X-34-33HN	530	NOBLE ENERGY INC		XX		500			
44		05-123-42794	MACH ONE E03-689	GROVES FARM X-34-33HN	262	NOBLE ENERGY INC		XX		500			
45		05-123-44835	NGL C10B	GROVES FARM M-34-33HN	1040	NGL WATER SOLUTIONS DJ LLC		XX		500			
46	x	05-123-25390	NOCO ENERGIE 25-3	GROVES FARM X-34-33HN	1290	PDC ENERGY INC	11/18/2008	PR	601	500		7100	3748
47	x	05-123-32636	NOCO ENERGIE 3-3	GROVES FARM X-34-33HN	786	PDC ENERGY INC	02/18/2011	PR	625	500		7156	624
48	x	05-123-32646	NOCO ENERGIE 4-3	GROVES FARM X-34-33HN	687	PDC ENERGY INC	02/24/2011	PR	618	500		7260	2165
49	x	05-123-32635	NOCO ENERGIE 6-3	GROVES FARM X-34-33HN	1244	PDC ENERGY INC	02/13/2011	SI	654	500		7218	2015
50		05-123-11949	NOEL 1	GROVES FARM O-34-33HN	1062	SUNSET PLUGGING & EQUIPMENT INC	08/15/1984	PA	348	500		7239	6500
51		05-123-17119	OTTOSON 32-16	GROVES FARM V-34-33HC	978	NOBLE ENERGY INC	08/05/1993	PR	467	500		7172	3329
52		05-123-11851	PAPPENHEIM 2-32	GROVES FARM M-34-33HN	1408	NOBLE ENERGY INC	06/23/1984	PR	346	500			6478
53		05-123-22994	PAXTON 12-33	GROVES FARM M-34-33HN	809	PDC ENERGY INC	06/19/2005	PA	452	500		7245	3384
54		05-123-12321	SHELLER 1-3E	GROVES FARM X-34-33HN	818	GERRITY OIL & GAS CORP	03/01/1985	PA	420	500		7102	5705

Total Wells: 54

Meets Standard(STD): 22

Needs Evaluation: 32