

# 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	05-123-11071	HOSHIKO 1	PHARAOH 1N	408	NOBLE ENERGY INC	03/04/1983	PA	338	152		6440	5943
2	x	05-123-11101	HOSHIKO 2	PHARAOH 3N	176	NOBLE ENERGY INC	03/14/1983	PR	335	250		6586	
3		05-123-12223	MCDERMED 2-1	PHARAOH 5N	871	NOBLE ENERGY INC	12/28/1984	PR	311	400		6392	5557
4		05-123-12236	MCDERMED 1-1	PHARAOH 5N	802	PDC ENERGY INC	01/29/1985	PR	307	400		6477	
5		05-123-12239	FEIT 1	PHARAOH 5N	859	NOBLE ENERGY INC	01/10/1985	PR	436	400		6420	5620
6	x	05-123-12513	BRANCH 1-3	PHARAOH 5N	1328	NOBLE ENERGY INC	07/02/1985	PR	315	250		6506	5960
7	x	05-123-12585	ROTHE 4-6	PHARAOH 5N	1283	NOBLE ENERGY INC	05/07/1986	SI	325	170		6406	5816
8	x	05-123-12590	ROTHE 1	PHARAOH 4N	1362	BARRETT CORPORATIO N* BILL	08/31/1985	SI	314	165		6424	5671
9	x	05-123-12716	CPC-HOSHIKO 35-1	PHARAOH 1N	464	NOBLE ENERGY INC	10/22/1985	PR	305	250		6481	6118
10	x	05-123-12957	MCFERREN 4-2	PHARAOH 5N	870	BONANZA CREEK LLC	09/14/1986	SI	302	250		6582	5990
11	x	05-123-12969	HOSHIKO 1-2	PHARAOH 5N	575	PDC ENERGY INC	01/30/1986	PR	313	200		6402	5455
12	x	05-123-13273	HOSHIKO 2-2	PHARAOH 5N	1016	PDC ENERGY INC	12/28/1986	PR	308	250		6420	5770
13	x	05-123-17079	SAND CREEK RANCH CO 2-3	PHARAOH 5N	990	NOBLE ENERGY INC	06/08/1993	PA	511	250		6548	6084
14	x	05-123-17429	BAKER STATE B 36-11	PHARAOH 1N	454	NOBLE ENERGY INC	09/29/1993	SI	365	152		6396	5760
15	x	05-123-17430	BAKER STATE B 36-12	PHARAOH 1N	452	NOBLE ENERGY INC	10/05/1993	SI	370	152		6413	5758
16	x	05-123-17431	BAKER STATE B 36-13	PHARAOH 3N	145	NOBLE ENERGY INC	10/11/1993	SI	357	152		6496	5842
17	x	05-123-17432	BAKER STATE B 36-14	PHARAOH 4N	146	NOBLE ENERGY INC	09/24/1993	SI	357	152		6424	5660
18	x	05-123-17447	FEIT 1-4	PHARAOH 5N	554	NOBLE ENERGY INC	03/25/2006	PR	512	400		6423	5923
19	x	05-123-17756	HOSHIKO 35- 10H4	PHARAOH 1N	582	NOBLE ENERGY INC	11/23/1994	SI	444	250		6444	5890
20	x	05-123-17816	UPRC 35-13A	PHARAOH 3N	165	SNYDER OIL CORP		AL					
21	x	05-123-17817	UPRC 35-14A	PHARAOH 3N	169	SNYDER OIL CORP		AL					
22	x	05-123-17818	HOSHIKO 35- 16H4	PHARAOH 4N	22	NOBLE ENERGY INC	07/31/1994	PR	428	150		6498	6090
23	x	05-123-19214	ROTHE STATE B 36-09	PHARAOH 1N	523	NOBLE ENERGY INC	09/29/1996	PR	394	153		6352	5865
24	x	05-123-19215	ROTHE STATE B 36-10	PHARAOH 1N	323	NOBLE ENERGY INC	10/16/1996	PA	360	153		6370	5986
25	x	05-123-19216	ROTHE STATE B 36-15	PHARAOH 4N	115	NOBLE ENERGY INC	10/21/1996	PA	360	153		6443	5904
26	x	05-123-19217	ROTHE STATE B 36-16	PHARAOH 3N	32	NOBLE ENERGY INC	11/13/1996	PA	360	153		6371	5845
27	x	05-123-19408	ECKHARDT 34- 2	PHARAOH 1N	838	COSTILLA ENERGY INC		AL					
28	x	05-123-21180	HOSHIKO B 35- 14	PHARAOH 4N	162	NOBLE ENERGY INC	12/30/2003	PR	593	250		6476	6034
29	x	05-123-21706	HOSHIKO B 35- 23	PHARAOH 2C	38	NOBLE ENERGY INC	12/22/2003	SI	404	152		6486	6023
30	x	05-123-21773	ECKHARDT 44- 34	PHARAOH 3N	73	PDC ENERGY INC	01/10/2004	PR	377	250		6500	6130
31	x	05-123-21776	ECKHARDT 43- 34	PHARAOH 1N	993	PDC ENERGY INC	11/01/2004	PR	377	250		7275	6070
32	x	05-123-22601	ROTHE 13-31	PHARAOH 1N	1370	BARRETT CORPORATIO N* BILL	08/17/2007	SI	662	155		6363	5817

33	x	05-123-23166	FUEGO C 1-19	PHARAOH 5N	1353	NOBLE ENERGY INC	08/17/2005	PR	505	400		6484	5950
34	x	05-123-23729	ECKHARDT 5	PHARAOH 2C	1357	PDC ENERGY INC	04/25/2006	PR	637	250		7020	3440
35	x	05-123-24424	LOLOFF B 35-20	PHARAOH 1N	1253	NOBLE ENERGY INC	12/15/2006	SI	518	250		6462	1094
36	x	05-123-24425	LOLOFF B 35-22	PHARAOH 1N	1340	NOBLE ENERGY INC	12/26/2006	SI	502	152		6435	1278
37	x	05-123-24446	LOLOFF B 35-21	PHARAOH 1N	1363	NOBLE ENERGY INC	01/01/2007	SI	502	250		6462	1172
38	x	05-123-24613	ECKHARDT B 35-12	PHARAOH 1N	475	NOBLE ENERGY INC	05/28/2007	SI	486	250		6599	2290
39	x	05-123-24614	ECKHARDT B 35-33	PHARAOH 2C	31	NOBLE ENERGY INC	05/23/2007	PR	534	250		6504	2135
40	x	05-123-24635	ECKHARDT B 35-13	PHARAOH 4N	17	NOBLE ENERGY INC	06/03/2007	SI	486	250		6551	2300
41	x	05-123-26306	SAND CREEK RANCH C 2-3X	PHARAOH 5N	776	NOBLE ENERGY INC	09/24/2007	PA	645	250		6561	2522
42	x	05-123-26536	CLYNCKE STATE B 36-25	PHARAOH 1N	107	NOBLE ENERGY INC	12/14/2007	SI	524	152		6398	1370
43	x	05-123-29846	CLYNCKE STATE B 36-20	PHARAOH 1N	971	NOBLE ENERGY INC	11/24/2009	PR	567	152		6381	1750
44	x	05-123-31174	MARLEY C 01-29	PHARAOH 5N	391	NOBLE ENERGY INC		AL					
45	x	05-123-31223	MARLEY C 01-30D	PHARAOH 5N	240	NOBLE ENERGY INC	04/08/2011	PR	500	400		6540	1431
46	x	05-123-31508	MARLEY C 01-28D	PHARAOH 5N	2	NOBLE ENERGY INC	04/21/2011	PR	577	400		6619	2120
47	x	05-123-34231	SOONER STATE B 36-63HN	PHARAOH 3N	145	NOBLE ENERGY INC	09/27/2011	PR	572	152		6378	1190
48	x	05-123-39754	SUDEN 34U-403	PHARAOH 4N	120	PDC ENERGY INC	01/27/2015	PR	875	250		6581	500
49	x	05-123-39755	SUDEN 34R-323	PHARAOH 4N	958	PDC ENERGY INC	11/12/2014	PR	875	250		6581	500
50	x	05-123-39756	SUDEN 34R-423	PHARAOH 4N	1128	PDC ENERGY INC	12/24/2014	PR	875	250		6581	500
51	x	05-123-39757	SUDEN 34U-243	PHARAOH 4N	461	PDC ENERGY INC	01/17/2015	PR	875	250		6581	500

Total Wells: 51

Meets Standard(STD): 48

Needs Evaluation: 3