

## 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		05-123-20836	Carmin 34-5	Apache 8-6-4L	0	Noble Energy Inc	04/03/2002	PR	696	311		6410	6152
2	x	05-123-33505	Carmin USX CC05-16D	Apache 8-6-4L	0	Noble Energy Inc	06/20/2011	PR	656	311		6410	5966
3	x	05-123-39024	Wetco Farms A-4-9MRLC	Apache 8-1-4L	0	Bonanza Creek Operating Company LLC	04/04/2014	PR	785	311		6410	6136
4		05-123-24227	Guttersen USX CC 17-3	Apache 8-14-2L	1	Noble Energy Inc	03/29/2007	SI	472	311		6410	6130
5	x	05-123-26286	Guttersen-USX CC 17-5	Apache 8-20-2L	6	Noble Energy Inc	03/21/2008	SI	519	311		6410	1910
6		05-123-24222	Guttersen USX CC 17-6	Apache 8-14-2L	6	Noble Energy Inc	04/03/2007	SI	481	311		6410	1400
7		05-123-24221	Guttersen USX CC 17-11	Apache 8-14-2L	13	Noble Energy Inc	04/12/2007	SI	529	311		6410	5924
8		05-123-24229	Guttersen USX CC 17-14	Apache 8-14-2L	13	Noble Energy Inc	04/26/2007	SI	527	311		6410	1815
9		05-123-26285	Guttersen USX CC 17-04	Apache 8-20-2L	20	Noble Energy Inc	10/04/2007	PA	515	311		6410	2480
10		05-123-24226	Guttersen USX CC 17-13	Apache 8-20-2L	20	Noble Energy Inc	04/21/2007	SI	486	311		6410	5900
11		05-123-24223	Guttersen USX CC 17-25	Apache 8-17-2L	22	Noble Energy Inc	04/07/2007	SI	479	311		6410	1950
12		05-123-24225	Guttersen USX CC 17-12	Apache 8-20-2L	27	Noble Energy Inc	04/17/2007	SI	493	311		6410	722
13		05-123-20812	L F Ranch 42-17	Apache 8-3-3L	35	Noble Energy Inc	06/06/2002	SI	446	311		6410	5920
14		05-123-20813	L F Ranch 44-17	Apache 8-1-4L	35	Noble Energy Inc	04/29/2002	SI	483	311		6410	6350
15		05-123-26265	Guttersen USX CC17-07	Apache 8-3-4L	56	Noble Energy Inc	09/22/2007	SI	519	311		6410	2360
16		05-123-20752	LF Ranch 17-31	Apache 8-8-2L	59	Noble Energy Inc	03/20/2002	PR	400	311		6410	6166
17	x	05-123-26284	Guttersen-USX CC 17-17	Apache 8-6-3L	61	Noble Energy Inc	03/11/2008	PR	515	311		6410	2450
18		05-123-26283	Guttersen USX CC17-15	Apache 8-3-4L	69	Noble Energy Inc	10/11/2007	SI	525	311		6410	2575
19		05-123-24224	Guttersen USX CC 17-19	Apache 8-17-2L	69	Noble Energy Inc	03/24/2007	SI	484	311		6410	5858
20		05-123-26287	Guttersen USX CC 17-01	Apache 8-8-3L	83	Noble Energy Inc	09/27/2007	SI	517	311		6410	1959
21		05-123-20811	L F Ranch 33-17	Apache 8-8-2L	86	Noble Energy Inc	08/22/2002	SI	435	311		6410	6184
22	x	05-123-26282	Guttersen CC 17-23	Apache 8-6-3L	88	Noble Energy Inc	03/16/2008	PR	511	311		6410	2010
23		05-123-07156	Duell 1	Apache 8-7-1L	96	Crestone Peak Resources Operating LLC	03/12/1970	PR	143	311		6410	6226
24		05-123-26254	Guttersen USX CC 17-09	Apache 8-3-3L	96	Noble Energy Inc	09/11/2007	PA	517	311		6410	2560
25	x	05-123-20862	Wetco Farms 14-4	Apache 8-1-4L	327	Bonanza Creek Operating Company LLC	04/22/2002	TA	685	311		6410	6050
26	x	05-123-33502	Carmin USX CC05-23D	Apache 8-6-4L	375	Noble Energy Inc	06/25/2011	PR	648	311		6410	5080
27		05-123-21324	Wyscaver 24-5	Apache 8-6-4L	560	PDC Energy Inc	02/13/2003	SI	725	311		6410	6030
28	x	05-123-31152	Guttersen State CC 20-30D	Apache 8-6-4L	615	Noble Energy Inc	07/11/2011	PR	647	311		6410	5688
29	x	05-123-37985	Sater CC18-72-1HN	Apache 8-6-4L	702	Noble Energy Inc	03/04/2014	PR	669	311		6410	470
30	x	05-123-37984	Sater CC18-73-1HN	Apache 8-6-4L	740	Noble Energy Inc	03/21/2014	PR	625	311		6410	410
31	x	05-123-37983	Sater CC18-74-1HN	Apache 8-6-4L	779	Noble Energy Inc	03/30/2014	PR	629	311		6410	550
32	x	05-123-12209	Rothe 13-4	Apache 8-11-2L	839	Rock Oil Corporation	12/31/1984	DA	307	311		6410	

33	x	05-123-30858	Sater CC 18-01	Apache 8-6-4L	920	Noble Energy Inc	11/27/2011	PR	554	311		6410	5441
34	x	05-123-31147	Guttersen State CC 20-31D	Apache 8-21-3L	965	Noble Energy Inc	07/07/2011	PR	644	311		6410	5736
35		05-123-20868	Meyer 41-7	Apache 8-6-4L	976	PDC Energy Inc	02/09/2003	PR	416	311		6410	5888
36		05-123-22279	Guttersen State CC 20-4	Apache 8-21-3L	994	Noble Energy Inc	05/26/2005	PR	501	311		6410	5946
37		05-123-13610	C. Watkins 18-6	Apache 8-6-4L	1040	Noble Energy Inc	10/19/1987	SI	438	311		6410	5945
38	x	05-123-22449	Wetco Farms 13-4	Apache 8-11-2L	1042	Bonanza Creek Operating Company LLC	01/09/2005	TA	722	311		6410	6068
39		05-123-13612	C. Watkins 18-4	Apache 8-6-4L	1058	Noble Energy Inc	10/08/1987	PR	448	311		6410	5808
40		05-123-24359	Meyer USX CC 7-8	Apache 8-6-4L	1075	Noble Energy Inc	03/19/2007	PR	758	311		6410	1284
41		05-123-27349	Wolfe USX CC 07-09	Apache 8-6-4L	1075	Noble Energy Inc	02/12/2007	PR	737	311		6410	2580
42		05-123-27352	Wolfe-USX CC 7-16	Apache 8-6-4L	1084	Noble Energy Inc	02/17/2007	PR	394	311		6410	5680
43	x	05-123-26186	Guttersen Ranch 12-9	Apache 8-1-4L	1092	Bonanza Creek Operating Company LLC	09/10/2007	PR	840	311		6410	5972
44		05-123-23267	Dr. Joe CC 06-16	Apache 8-6-4L	1101	Noble Energy Inc	10/24/2005	PR	766	311		6410	5886
45	x	05-123-25662	Guttersen Ranch 11-9	Apache 8-1-4L	1170	Bonanza Creek Operating Company LLC	06/14/2008	PR	815	311		6410	5878
46	x	05-123-20810	Carmin 43-5	Apache 8-6-4L	1237	Noble Energy Inc	03/20/2002	PR	712	311		6410	6000
47		05-123-17193	Watkins 18-9	Apache 8-6-4L	1243	Noble Energy Inc	07/24/1993	PR	504	311		6410	5840
48		05-123-22280	Guttersen State CC 20-03	Apache 8-13-1L	1254	Noble Energy Inc	09/07/2004	PR	502	311		6410	6164
49	x	05-123-33511	Carmin USX CC05-17D	Apache 8-6-4L	1263	Noble Energy Inc	06/14/2011	PR	657	311		6410	5300
50	x	05-123-33503	Carmin USX CC05-10D	Apache 8-6-4L	1300	Noble Energy Inc	06/29/2011	PR	644	311		6410	5888
51		05-123-19881	Wyscaver 5-14	Apache 8-6-4L	1429	PDC Energy Inc	12/31/1999	PR	356	311		6410	5986
52		05-123-29817	Duell 22-8			Encana Oil & Gas (USA) Inc		AL					
53		05-123-29792	Duell 42-8			Encana Oil & Gas (USA) Inc		AL					
54		05-123-30085	Duell 33-8			Encana Oil & Gas (USA) Inc		AL					
55		05-123-16205	Spike State CC 6-16			Gerrity Oil & Gas Corporation		AL					
56		05-123-31375	Guttersen State CC 20-29			Noble Energy Inc		AL					
57		05-123-31407	Guttersen State CC 20-28			Noble Energy Inc		AL					
58		05-123-19001	UPV 7-113			Snyder Oil Corporation		AL					
59		05-123-21129	LF Ranch 22-17			United States Exploration Inc		AL					
60		05-123-21124	LF Ranch 24-17			United States Exploration Inc		AL					

Total Wells: 60

Meets Standard(STD): 20

Needs Evaluation: 40