

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		05-123-07211	CARROLL E FLACK 1	POPHAM 8N	128	PAN AMERICAN PETROLEUM CORP	12/12/1970	DA	201	250			0
2	x	05-123-10679	REINICK 1-10-4- 64	POPHAM 3N	1354	NOBLE ENERGY INC	10/22/2007	PR	420	313		6571	6078
3	x	05-123-10745	MURPHY 1	POPHAM 8N	101	NOBLE ENERGY INC	06/23/1985	PR	333	298		6658	5650
4		05-123-10753	DONES 1	POPHAM 3N	125	NOBLE ENERGY INC	08/09/2011	SI	334	310		6566	5901
5		05-123-10833	WILMOTH 1	POPHAM 1C	754	NOBLE ENERGY INC	02/23/2009	PR	333	326		6594	0
6		05-123-10834	SITZMAN 2	POPHAM 1C	656	NOBLE ENERGY INC	02/09/2005	SI	305	310		6546	6004
7	x	05-123-10836	ECKHARDT 1	POPHAM 1C	710	NOBLE ENERGY INC	11/01/1989	SI	350	254		6531	6012
8	x	05-123-10897	WELD 2	POPHAM 8N	107	NOBLE ENERGY INC	02/15/1983	PR	250	250			5950
9	x	05-123-10929	BATES 1	POPHAM 13N	83	NOBLE ENERGY INC	10/15/1984	SI	200	282		6533	0
10	x	05-123-10988	HOFF 31-10	POPHAM 13N	1389	NOBLE ENERGY INC	01/20/1983	PA	210	276		6493	6150
11		05-123-11013	MILLEGE 1	POPHAM 3N	125	PDC ENERGY INC	12/19/2007	PR	330	285		6546	5726
12	x	05-123-11038	FLACK 1	POPHAM 8N	80	PDC ENERGY INC	12/31/2007	PR	330	295		6534	0
13	x	05-123-12101	SHAKLEE 1	POPHAM 20N	779	NOBLE ENERGY INC	01/04/1985	PR	436	250		6480	5638
14	x	05-123-12282	KISSLER 3-1	POPHAM 13N	85	NOBLE ENERGY INC	02/05/1985	SI	309	250		6515	5886
15	x	05-123-12513	BRANCH 1-3	POPHAM 18N	49	NOBLE ENERGY INC	07/02/1985	PR	315	250		6506	5960
16	x	05-123-12523	KAISER 8-3	POPHAM 18N	18	BONANZA CREEK ENERGY LLC	07/08/1985	PR	311	250		6526	5890
17	x	05-123-12957	MCFERREN 4-2	POPHAM 20N	887	BONANZA CREEK ENERGY LLC	09/14/1986	PR	302	250		6582	5992
18	x	05-123-13344	KISSLER 3-2	POPHAM 18N	49	NOBLE ENERGY INC	03/01/1987	PR	365	250		6604	6285
19	x	05-123-13679	MCFERREN 5-2	POPHAM 20N	799	BONANZA CREEK ENERGY LLC	11/06/1987	PR	309	250		6624	5972
20	x	05-123-14510	MILLAGE 12-3	POPHAM 3N	99	PDC ENERGY INC	12/13/1989	PR	355	250		6516	6200
21	x	05-123-14516	FLACK 21-3	POPHAM 9N	30	PDC ENERGY INC	12/01/2007	PR	352	250		6502	6098
22	x	05-123-17160	ATKINSON- GALE 3-13	POPHAM 4N	17	NOBLE ENERGY INC	10/11/2006	PR	511	250		6566	5966
23	x	05-123-17473	BOOT HILLS FARMS 2-12	POPHAM 20N	991	NOBLE ENERGY INC	02/22/2005	PR	509	250		6458	5958
24	x	05-123-17580	ROSKOP 10-1	POPHAM 18N	1344	NOBLE ENERGY INC	11/01/1993	PR	458	251		6478	5978
25	x	05-123-17581	EMBREE 10-3	POPHAM 9N	1296	NOBLE ENERGY INC	12/11/1993	PA	511	115		6508	6008
26	x	05-123-17789	OSTER 3-1014	POPHAM 12N	113	NOBLE ENERGY INC	11/30/2011	PR	530	250		6564	6064
27	x	05-123-17816	UPRC 35-13A	POPHAM 20N	1112	SNYDER OIL CORP		AL					
28	x	05-123-17841	OSTER 3-1614	POPHAM 19N	116	NOBLE ENERGY INC	01/17/2012	PR	435	250		6472	5972
29	x	05-123-17894	SITZMAN 4-114	POPHAM 1C	580	NOBLE ENERGY INC	01/14/1994	SI	462	285		6650	6050
30	x	05-123-18162	WILMOTH 4-914	POPHAM 1C	585	NOBLE ENERGY INC	09/23/1994	PR	469	322		6552	5830
31	x	05-123-19122	BATES C 3-02	POPHAM 13N	17	GERRITY OIL & GAS CORP		AL					

32	x	05-123-21764	ECKHARDT 34-34	POPHAM 14N	459	PDC ENERGY INC	12/18/2003	PR	377	250	6500	0
33	x	05-123-21772	BAILEY 14-34	POPHAM 4N	359	PDC ENERGY INC	11/22/2004	PR	380	250	6542	0
34	x	05-123-21773	ECKHARDT 44-34	POPHAM 19N	264	PDC ENERGY INC	01/10/2004	PR	377	250	6500	0
35	x	05-123-21780	BAILEY 24-34	POPHAM 9N	437	PDC ENERGY INC	01/25/2005	PR	377	250	6525	0
36	x	05-123-21905	BATES C 3-2	POPHAM 13N	66	NOBLE ENERGY INC	01/20/2006	SI	449	250	6552	5740
37	x	05-123-23068	FLACK 5	POPHAM 6N	109	PDC ENERGY INC	11/13/2005	PR	395	250	6549	0
38	x	05-123-23729	ECKHARDT 5	POPHAM 17C	864	PDC ENERGY INC	04/25/2006	PR	395	250	6490	1320
39	x	05-123-23730	BAILEY 5	POPHAM 6N	880	PDC ENERGY INC	04/12/2006	PR	400	250	6530	0
40	x	05-123-24525	WILMOTH C 4-23	POPHAM 1C	1337	NOBLE ENERGY INC	03/10/2007	PR	495	325	6583	1620
41	x	05-123-24614	ECKHARDT B 35-33	POPHAM 20N	1038	NOBLE ENERGY INC	05/23/2007	PR	534	250	6504	2135
42	x	05-123-24635	ECKHARDT B 35-13	POPHAM 20N	1098	NOBLE ENERGY INC	06/03/2007	SI	486	250	6551	2300
43	x	05-123-24972	SITZMAN C 4-27	POPHAM 1C	1379	NOBLE ENERGY INC	04/25/2007	SI	475	273	6563	1500
44	x	05-123-25181	SITZMAN C 4-22	POPHAM 1C	1376	NOBLE ENERGY INC	06/04/2007	SI	487	320	6572	2020
45	x	05-123-25419	GALE C 3-25	POPHAM 7N	108	NOBLE ENERGY INC	02/17/2008	PR	613	250	6521	2170
46	x	05-123-25497	LOEFFLER C 10-30	POPHAM 2N	596	NOBLE ENERGY INC	02/22/2008	PR	613	115	6651	2060
47	x	05-123-26218	WILMOTH C 3-33	POPHAM 1C	229	NOBLE ENERGY INC	07/10/2007	PR	739	318	6589	875
48	x	05-123-27182	OSTER C 03-23	POPHAM 15N	115	NOBLE ENERGY INC	12/26/2008	PR	524	250	6574	1369
49	x	05-123-27308	SITZMAN C 4-17	POPHAM 1C	1450	NOBLE ENERGY INC	10/20/2006	SI	550	299	6580	1938
50	x	05-123-30042	MERCER C 11-30D	POPHAM 20N	869	NOBLE ENERGY INC	01/30/2010	PR	608	250	6522	2594
51	x	05-123-30338	FLACK 1-8I	POPHAM 6N	12	PDC ENERGY INC		XX		250		
52	x	05-123-30339	MILLEGE 1-7B	POPHAM 1C	7	PDC ENERGY INC		XX		250		
53	x	05-123-30340	FLACK 1-9I	POPHAM 10N	98	PDC ENERGY INC		XX		250		
54	x	05-123-34134	OREDIGGER C10-69HN	POPHAM 1C	532	NOBLE ENERGY INC	10/18/2011	PR	669	335	7031	3820
55	x	05-123-34680	HOFFMAN C 02-33D	POPHAM 20N	46	NOBLE ENERGY INC	04/11/2012	PR	711	250	7252	1130
56	x	05-123-39513	SUDEN 34M-423	POPHAM 12N	309	PDC ENERGY INC	11/06/2014	PR	903	250		0
57	x	05-123-39514	SUDEN 34M-223	POPHAM 13N	137	PDC ENERGY INC	11/23/2014	PR	892	250		0
58	x	05-123-39515	SUDEN 34R-203	POPHAM 16N	146	PDC ENERGY INC	12/14/2014	PR	875	250		500
59	x	05-123-39516	SUDEN 34R-343	POPHAM 15N	144	PDC ENERGY INC	12/02/2014	PR	929	250		0
60	x	05-123-39754	SUDEN 34U-403	POPHAM 20N	347	PDC ENERGY INC	01/27/2015	PR	875	250		500
61	x	05-123-39755	SUDEN 34R-323	POPHAM 18N	131	PDC ENERGY INC	11/12/2014	PR	875	250		500
62	x	05-123-39756	SUDEN 34R-423	POPHAM 17C	159	PDC ENERGY INC	12/24/2014	PR	875	250		500
63	x	05-123-39757	SUDEN 34U-243	POPHAM 20N	132	PDC ENERGY INC	01/17/2015	PR	875	250		500
64	x	05-123-39978	CHESNUT 270-243	POPHAM 9N	170	PDC ENERGY INC	01/30/2015	PR	926	250		1100
65	x	05-123-39979	CHESNUT 270-303	POPHAM 11N	174	PDC ENERGY INC	01/15/2015	PR	937	250		615
66	x	05-123-39980	CHESNUT 27K-323	POPHAM 8N	141	PDC ENERGY INC	02/10/2015	PR	935	250		1030
67	x	05-123-39981	CHESNUT 27K-403	POPHAM 7N	131	PDC ENERGY INC	02/22/2015	PR	924	250		1800
68	x	05-123-40070	CHESNUT 27K-203	POPHAM 6N	189	PDC ENERGY INC	11/05/2014	PR	936	250		1080

69	x	05-123-40071	CHESNUT 27K-343	POPHAM 5N	167	PDC ENERGY INC	10/21/2014	PR	929	250			640
70	x	05-123-40072	CHESNUT 27G-203	POPHAM 2N	215	PDC ENERGY INC	10/08/2014	PR	929	250			1590
71	x	05-123-40073	CHESNUT 27G-423	POPHAM 3N	221	PDC ENERGY INC	09/18/2014	PR	918	250			1450
72	x	05-123-45067	BATH-SCH 32H-312	POPHAM 1C	1271	PDC ENERGY INC		XX					
73	x	05-123-45074	BATH-SCH 32H-212	POPHAM 1C	1484	PDC ENERGY INC		XX					
74	x	05-123-45076	BATH-SCH 32H-202	POPHAM 1C	1051	PDC ENERGY INC		XX					
75	x	05-123-45081	SCHMIER 32H-302	POPHAM 1C	782	PDC ENERGY INC		XX					
76	x	05-123-45082	SCHMIER 32I-302	POPHAM 1C	256	PDC ENERGY INC		XX					
77	x	05-123-45083	SCHMIER 32I-212	POPHAM 1C	250	PDC ENERGY INC		XX					
78	x	05-123-45084	SCHMIER 32H-232	POPHAM 1C	585	PDC ENERGY INC		XX					
79	x	05-123-45085	SCHMIER 32I-312	POPHAM 1C	271	PDC ENERGY INC		XX					

Total Wells: 79

Meets Standard(STD): 74

Needs Evaluation: 5