

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		05-123-07605	BOSTRON 1	BROSS FEDERAL 18N	135	SRC ENERGY INC	01/22/1983	SI	205	220		6780	6128
2		05-123-10996	J ALLES 1	BROSS FEDERAL 4N	844	NOBLE ENERGY INC	01/31/1983	SI	541	220		6710	5910
3	x	05-123-10998	SAUER 1	BROSS FEDERAL 19N	892	NOBLE ENERGY INC	01/15/1983	PA	529	224		6744	6110
4	x	05-123-11186	EWING 1	BROSS FEDERAL 12N	84	PDC ENERGY INC	05/25/1983	PR	295	207		6765	6105
5	x	05-123-11229	HAYS, THURMAN 1	BROSS FEDERAL 3N	35	TOP OPERATING COMPANY	07/24/1984	PR	336	200		6752	6438
6	x	05-123-11327	HAYS 31-1H5	BROSS FEDERAL 3N	29	NOBLE ENERGY INC	02/16/1994	SI	488	200		6758	3700
7		05-123-11475	KNAUB 5-1	BROSS FEDERAL 20N	832	NOBLE ENERGY INC	01/20/1984	SI	225	224		6780	6500
8	x	05-123-11482	MOODY 13-29	BROSS FEDERAL 1N	763	BAYSWATER EXPLORATION & PRODUCTION LLC	03/11/1984	PA	304	200		6996	5454
9	x	05-123-11621	IKENOUE #1	BROSS FEDERAL 1N	724	NOBLE ENERGY INC	02/03/1984	PA	517	220		6744	5946
10	x	05-123-11647	BOSTRON #2	BROSS FEDERAL 14N	99	SRC ENERGY INC	02/20/1984	PR	518	220		6779	6074
11	x	05-123-12032	MCBAIN (BAINBRIDGE) 1	BROSS FEDERAL 2N	101	NOBLE ENERGY INC	10/29/1984	SI	333	220		6716	6438
12	x	05-123-12054	LASALLE CITY 1	BROSS FEDERAL 1N	799	MINERAL RESOURCES INC		AL					
13	x	05-123-12092	STEWART 1	BROSS FEDERAL 19N	139	NOBLE ENERGY INC	11/17/1984	PA	332	218		6785	6110
14	x	05-123-12234	STEWART 2	BROSS FEDERAL 18N	124	NOBLE ENERGY INC	01/05/1985	SI	346	221		6805	6173
15	x	05-123-12683	BAINBRIDGE 1	BROSS FEDERAL 3N	87	NOBLE ENERGY INC	09/29/1985	TA	518	220		6737	6170
16	x	05-123-12692	GUSTAFSON 1	BROSS FEDERAL 7N	33	NOBLE ENERGY INC	10/13/1985	PA	550	220		6764	5986
17	x	05-123-12693	MAC-BAIN 2	BROSS FEDERAL 8N	37	PATINA OIL & GAS CORPORATIO N	10/06/1985	PA	524	220		6748	6125
18	x	05-123-12982	KEISER 2	BROSS FEDERAL 14N	848	NOBLE ENERGY INC	02/13/1986	SI	516	220		6737	6120
19	x	05-123-13144	LASALLE 14-29	BROSS FEDERAL 1N	0	SRC ENERGY INC	08/26/1986	PR	331	200		6834	6033
20	x	05-123-13255	CONLIN FEDERAL 1	BROSS FEDERAL 8N	16	SRC ENERGY INC	05/28/1987	PR	349	200		6752	6310

21	x	05-123-13282	BRANTNER 30-16	BROSS FEDERAL 1N	1001	BAYSWATER EXPLORATION & PRODUCTION LLC	12/19/1986	PA	340	200		6750	6170
22	x	05-123-13295	STENZEL 1-31	BROSS FEDERAL 3N	1088	SRC ENERGY INC	12/23/1986	PR	514	200		6760	6040
23	x	05-123-13310	BRANTNER 30-9	BROSS FEDERAL 1N	1286	EXTRACTION OIL & GAS INC	12/26/1986	PR	323	200		6816	6205
24	x	05-123-13910	STROHAUER 32-1	BROSS FEDERAL 18N	31	SRC ENERGY INC	04/10/1988	PR	404	223		6745	6144
25	x	05-123-14137	LEE 1-5	BROSS FEDERAL 20N	896	PDC ENERGY INC	11/26/1988	PR	305	219		6782	5990
26	x	05-123-14138	LEE 2	BROSS FEDERAL 20N	958	PDC ENERGY INC	11/18/1988	TA	303	222		6780	6105
27	x	05-123-14545	BOSTRON 32-3	BROSS FEDERAL 14N	46	SRC ENERGY INC	02/26/1990	PR	527	222		6758	6004
28	x	05-123-14774	ALLES 33-4	BROSS FEDERAL 9N	879	NOBLE ENERGY INC	10/15/1990	SI	515	221		6736	6090
29	x	05-123-15523	IKENOUYE 29-15	BROSS FEDERAL 1N	813	NOBLE ENERGY INC	01/25/1992	SI	507	198		6732	5902
30	x	05-123-15678	CONLIN 2	BROSS FEDERAL 8N	78	R A RESOURCES INC		AL					
31	x	05-123-16337	EVANS INDUSTRIAL PARK 1	BROSS FEDERAL 1N	1008	SRC ENERGY INC	12/24/1992	PR	375	200		6805	6080
32	x	05-123-16464	KNAUB 5-12	BROSS FEDERAL 20N	757	NOBLE ENERGY INC	11/18/1992	SI	320	227		6785	6282
33	x	05-123-16970	REYNOLDS 28-13	BROSS FEDERAL 1N	1249	NOBLE ENERGY INC	05/25/1993	SI	509	220		6754	6149
34	x	05-123-18189	SYLVESTER 31-5H5	BROSS FEDERAL 8N	833	NOBLE ENERGY INC	04/14/1994	PA	490	200		7058	6430
35	x	05-123-18190	SYLVESTER 31-6H5	BROSS FEDERAL 8N	830	NOBLE ENERGY INC	04/08/1994	PA	490	200		6765	6432
36	x	05-123-18211	HAYS 31-2H5	BROSS FEDERAL 4N	25	NOBLE ENERGY INC	04/19/1994	SI	450	200		6758	6200
37	x	05-123-18212	HAYS 31-7H5	BROSS FEDERAL 9N	47	SNYDER OIL CORP		AL					
38		05-123-18213	HAYES FEDERAL 31-8H5	BROSS FEDERAL 8N	72	NOBLE ENERGY INC	04/21/1994	SI	452	200		6801	6301
39	x	05-123-19339	HOLMES F 32-06	BROSS FEDERAL 8N	80	SRC ENERGY INC	02/09/1997	PR	430	207		6760	6260
40	x	05-123-19460	EWING 32-31	BROSS FEDERAL 14N	147	PDC ENERGY INC	12/15/1997	PR	406	220		6821	0
41	x	05-123-23006	HAYS 2	BROSS FEDERAL 4N	101	TOP OPERATING COMPANY	07/05/2005	SI	493	198		6759	3570
42	x	05-123-23907	STEWART 35-32	BROSS FEDERAL 19N	33	KERR MCGEE OIL & GAS ONSHORE LP		AL					
43	x	05-123-24049	STEWART 19-32	BROSS FEDERAL 17N	5	KERR MCGEE OIL & GAS ONSHORE LP		AL					
44	x	05-123-25576	IKENOUYE F 28-33	BROSS FEDERAL 1N	1487	SRC ENERGY INC	03/26/2008	SI	521	220		6886	1370

45	x	05-123-25895	MCCOUTCHEONS Y8 7-5-31	BROSS FEDERAL 13N	38	EXTRACTION OIL & GAS INC	08/02/2010	SI	598	200		7632	1070
46	x	05-123-25896	FARMERS Y7 6-6-31	BROSS FEDERAL 15N	37	EXTRACTION OIL & GAS INC	08/09/2010	SI	598	200		7292	360
47	x	05-123-25897	BALLFIELD Y6 7-7-31	BROSS FEDERAL 18N	116	EXTRACTION OIL & GAS INC	08/15/2010	SI	797	200		7634	360
48	x	05-123-25898	LASALLE PARK Y5 5-5-31	BROSS FEDERAL 14N	0	EXTRACTION OIL & GAS INC	10/20/2008	SI	457	189		7029	6452
49	x	05-123-25899	GOODNER Y4 7-1-6	BROSS FEDERAL 20N	779	EXTRACTION OIL & GAS INC	10/10/2008	SI	1171	200		7990	7145
50	x	05-123-25900	HUMAN BEAN Y2 5-7-31	BROSS FEDERAL 18N	104	EXTRACTION OIL & GAS INC	10/27/2008	SI	486	200		7230	6334
51	x	05-123-25901	ELLIS Y1 5-1-6	BROSS FEDERAL 11N	857	EXTRACTION OIL & GAS INC	09/13/2008	SI	1217	200		7740	528
52	x	05-123-26711	STEWARTS Z4 6-2 6	BROSS FEDERAL 11N	842	EXTRACTION OIL & GAS INC	10/04/2008	SI	1284	200		8170	7200
53	x	05-123-26712	COMMONS Z2 2-2-6	BROSS FEDERAL 11N	885	EXTRACTION OIL & GAS INC	08/28/2008	SI	1213	189		7924	0
54	x	05-123-26713	DOVE HILL Z1 2-6-31	BROSS FEDERAL 11N	871	EXTRACTION OIL & GAS INC	09/06/2008	SI	456	200		7052	0
55	x	05-123-26714	VALLEY PACK X5 3-5-31	BROSS FEDERAL 13N	877	EXTRACTION OIL & GAS INC	08/22/2008	SI	461	189		6835	386
56	x	05-123-26715	CONNELL X3 3-7-31	BROSS FEDERAL 19N	965	EXTRACTION OIL & GAS INC	08/05/2008	SI	457	188		7154	1514
57	x	05-123-26716	JOHNSON X1 1-1-6	BROSS FEDERAL 11N	1154	EXTRACTION OIL & GAS INC	07/27/2008	SI	1199	188		7609	1370
58	x	05-123-26717	SANDAU X4 3-1-6	BROSS FEDERAL 11N	1124	EXTRACTION OIL & GAS INC	08/12/2008	SI	1080	189		7522	850
59	x	05-123-29884	ALLES F 33-19D	BROSS FEDERAL 8N	888	NOBLE ENERGY INC		AL					
60	x	05-123-29891	SAUER F 33-25	BROSS FEDERAL 16N	1427	NOBLE ENERGY INC	01/15/2010	PR	526	221		6737	2410
61	x	05-123-30281	ALLES F 33-29D	BROSS FEDERAL 3N	1426	NOBLE ENERGY INC	08/13/2009	SI	584	245		6847	680
62	x	05-123-30847	SAUER F 33-33	BROSS FEDERAL 16N	394	NOBLE ENERGY INC	02/04/2010	PR	600	223		6747	2480
63	x	05-123-30880	STROHAUER F 33-32D	BROSS FEDERAL 14N	116	SRC ENERGY INC	02/08/2010	SI	573	223		6827	6480
64	x	05-123-31162	ALLES F 33-20D	BROSS FEDERAL 8N	824	NOBLE ENERGY INC		AL					
65	x	05-123-31182	ALLES F 33-31D	BROSS FEDERAL 8N	888	NOBLE ENERGY INC		AL					
66	x	05-123-31344	STROHAUER F 32-23	BROSS FEDERAL 16N	47	SRC ENERGY INC	11/27/2010	SI	557	223		6755	2380
67	x	05-123-31381	STROHAUER F 32-22D	BROSS FEDERAL 16N	7	SRC ENERGY INC	12/01/2010	PR	580	224		6953	2250
68	x	05-123-31530	STROHAUER F 32-24	BROSS FEDERAL 16N	28	SRC ENERGY INC	12/06/2010	PR	834	223		6773	2070
69	x	05-123-31531	STROHAUER F 32-21D	BROSS FEDERAL 16N	32	SRC ENERGY INC	12/10/2010	SI	563	223		6930	1700

70	x	05-123-31583	DICKENS F 32-07X	BROSS FEDERAL 8N	108	SRC ENERGY INC	02/25/2012	PR	837	223		6745	2210
71	x	05-123-31585	DICKENS F 32-27D	BROSS FEDERAL 8N	96	SRC ENERGY INC	02/20/2012	PR	615	223		7210	2002
72	x	05-123-31586	DICKENS F 32-28D	BROSS FEDERAL 1N	84	SRC ENERGY INC	02/29/2012	SI	613	223		7192	2100
73	x	05-123-31587	DICKENS F 32-17D	BROSS FEDERAL 5N	17	SRC ENERGY INC	02/16/2012	PR	595	223		6852	2556
74	x	05-123-31616	HOLMES F32-19D	BROSS FEDERAL 9N	119	NOBLE ENERGY INC		AL					
75	x	05-123-31617	HOLMES F32-20D	BROSS FEDERAL 9N	100	NOBLE ENERGY INC		AL					
76	x	05-123-31619	HOLMES F32-18D	BROSS FEDERAL 9N	73	NOBLE ENERGY INC		AL					
77	x	05-123-31835	MAIN Y3 6-8-31	BROSS FEDERAL 20N	21	EXTRACTION OIL & GAS INC	08/21/2010	SI	478	200		7623	300
78	x	05-123-31836	COLE X6 4-8-31	BROSS FEDERAL 19N	405	EXTRACTION OIL & GAS INC	08/27/2010	SI	1026	189		7342	1270
79	x	05-123-31863	RE-1 X7 4-6-31	BROSS FEDERAL 16N	372	EXTRACTION OIL & GAS INC	09/03/2010	SI	481	189		7029	460
80	x	05-123-33217	SYLVESTER F 31-20D	BROSS FEDERAL 10N	1500	SRC ENERGY INC	02/01/2012	PR	692	183		6862	1818
81	x	05-123-34740	STROHAUER PC G04-30D	BROSS FEDERAL 20N	542	NOBLE ENERGY INC	02/07/2012	SI	714	231		6830	2558
82	x	05-123-34742	STROHAUER PC G05-27D	BROSS FEDERAL 20N	318	NOBLE ENERGY INC	02/16/2012	PR	692	231		6845	2786
83	x	05-123-34769	STROHAUER PC G05-28D	BROSS FEDERAL 20N	169	NOBLE ENERGY INC	02/11/2012	SI	681	231		7155	1930
84	x	05-123-35635	SAUER F33-78-1HN	BROSS FEDERAL 3N	1149	NOBLE ENERGY INC	04/24/2013	PR	619	245		6903	865
85	x	05-123-36442	SAUER F33-77HN	BROSS FEDERAL 3N	1469	NOBLE ENERGY INC	03/21/2013	PR	610	245		6854	990
86	x	05-123-36443	SAUER F33-78-1HC	BROSS FEDERAL 3N	1148	NOBLE ENERGY INC	03/31/2013	SI	611	245		6834	1900

Total Wells: 86

Meets Standard(STD): 82

Needs Evaluation: 4