

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	05-123-11648	KLEIN 1-19-5-64	JOSEPHINE 190-214	66	NOBLE ENERGY INC	11/15/1992	PR	347	155		6589	6085
2	x	05-123-11811	MAXEY 1	JOSEPHINE TRUST 190-204	701	LYCO ENERGY CORPORATION	05/17/1984	PA	336	163		6878	5994
3	x	05-123-12091	MCCAULEY 1	JOSEPHINE TRUST 19N-214	106	NOBLE ENERGY INC	12/04/1984	PR	335	161		6605	6106
4	x	05-123-12330	KLEIN 2-19	JOSEPHINE 19M-334	52	NOBLE ENERGY INC	03/06/1985	PR	309	152		6576	6980
5	x	05-123-12887	KEENSBURG 2	JOSEPHINE TRUST 19N-214	104	NOBLE ENERGY INC	04/21/1986	PA	318	156		6583	5945
6	x	05-123-13724	LEWIS KLEIN 19-2	JOSEPHINE 190-214	1077	PDC ENERGY INC	12/09/1987	PA	322	145		6634	5916
7	x	05-123-13746	GLADYS 19-1	JOSEPHINE TRUST 190-204	753	PARKER & PARSLEY DEVELOPMENT		AL					
8	x	05-123-14793	HOSHIKO 5	JOSEPHINE 19M-404	921	MERIT ENERGY COMPANY	01/22/1991	PA	285	159		6614	6180
9	x	05-123-14794	HOSHIKO 4	JOSEPHINE 19M-404	897	PDC ENERGY INC	01/15/1991	PA	316	156		6624	6130
10	x	05-123-15494	WATTERS 13-14B	JOSEPHINE 19M-404	906	PDC ENERGY INC	01/14/1992	PR	518	363		6609	5834
11	x	05-123-16756	HSR HEPBERGER 11-24	JOSEPHINE TRUST 190-204	1117	NOBLE ENERGY INC	02/18/1993	PR	361	266		6600	5858
12	x	05-123-17690	STROMBERGER 24-6H5	JOSEPHINE 190-214	832	NOBLE ENERGY INC	01/12/1994	PR	511	266		6617	3640
13	x	05-123-17691	SANDIN 24-7H5	JOSEPHINE 19N-334	96	NOBLE ENERGY INC	09/17/1994	PR	414	159		6580	5500
14	x	05-123-17692	SANDIN 24-8H5	JOSEPHINE 19N-334	81	NOBLE ENERGY INC	09/25/1994	PR	421	158		6582	6246
15	x	05-123-18879	HOWARD 24-18	JOSEPHINE 19M-404	703	PDC ENERGY INC	01/02/1997	PA	358	148		6572	6120
16	x	05-123-19476	HETTINGER 34-18	JOSEPHINE 19M-404	1310	PDC ENERGY INC	11/29/1997	PA	355	144		6562	6068
17	x	05-123-19493	MAXEY 33-24	JOSEPHINE TRUST 190-204	787	PDC ENERGY INC	12/07/1997	PR	363	172		6594	6212
18	x	05-123-20129	SETH 1	JOSEPHINE TRUST 19N-214	1192	PDC ENERGY INC	12/19/2000	PR	363	142		6569	5930
19	x	05-123-20131	EMILY 1	JOSEPHINE TRUST 190-204	844	PDC ENERGY INC	01/19/2001	PR	363	146		6539	5986
20	x	05-123-20132	AUSTIN 1	JOSEPHINE TRUST 190-204	1354	PDC ENERGY INC	01/14/2001	PA	361	142		6584	0
21	x	05-123-20240	HOWARD 14-18	JOSEPHINE 19M-404	703	PDC ENERGY INC	09/21/2002	PR	398	150		6598	2728
22	x	05-123-20685	DEJONG 3-24	JOSEPHINE TRUST 19N-214	626	NOBLE ENERGY INC	04/13/2003	PR	702	266		6620	6070
23	x	05-123-21808	KLEIN USX B 19-04	JOSEPHINE 19M-334	123	NOBLE ENERGY INC	03/15/2005	PR	542	151		6578	6200
24	x	05-123-23345	KLEIN B 19-6	JOSEPHINE 19N-334	50	NOBLE ENERGY INC	12/07/2005	PR	575	148		6570	6010
25	x	05-123-23688	MAXEY HOFF 2	JOSEPHINE TRUST 190-204	1028	PDC ENERGY INC	04/20/2006	PR	362	157		6646	419
26	x	05-123-24370	KLEIN B 19-19	JOSEPHINE 19N-404	57	NOBLE ENERGY INC	12/16/2006	PR	587	148		6582	2005
27	x	05-123-25451	MAXEY 43-24	JOSEPHINE TRUST 190-204	708	PDC ENERGY INC	10/27/2008	PR	387	165		6679	800

28	x	05-123-26617	MAXEY 24D	JOSEPHINE TRUST 19O-204	1332	PDC ENERGY INC	11/03/2008	PR	387	170		6676	734
29	x	05-123-30635	HOP F 13-24D	JOSEPHINE 19M-404	978	NOBLE ENERGY INC		AL					
30	x	05-123-32460	MAXEY 24XD	JOSEPHINE TRUST 19O-204	1348	PDC ENERGY INC		AL					
31	x	05-123-32461	MAXEY 24PD	JOSEPHINE TRUST 19O-204	1325	PDC ENERGY INC		AL					
32	x	05-123-32463	MAXEY 24SD	JOSEPHINE TRUST 19O-204	1302	PDC ENERGY INC		AL					
33	x	05-123-32645	KLEIN B19-29D	JOSEPHINE TRUST 19N-214	97	NOBLE ENERGY INC		AL					
34	x	05-123-32708	KLEIN B19-20D	JOSEPHINE 19N-334	105	NOBLE ENERGY INC		AL					
35	x	05-123-32919	SANDIN FARMS B19-32D	JOSEPHINE 19N-334	6	NOBLE ENERGY INC		AL					
36	x	05-123-33227	MCCAULEY B 19-31D	JOSEPHINE TRUST 19N-214	51	NOBLE ENERGY INC		AL					
37	x	05-123-33228	MCCAULEY B 19-30D	JOSEPHINE TRUST 19N-214	77	NOBLE ENERGY INC		AL					
38	x	05-123-37640	MAXEY 24O-232	JOSEPHINE TRUST 19O-204	394	PDC ENERGY INC	05/29/2014	PR	939	167		6576	0
39	x	05-123-37641	MAXEY 24P-402	JOSEPHINE TRUST 19O-204	391	PDC ENERGY INC	05/06/2014	PR	930	171		6660	0
40	x	05-123-37642	MAXEY 24P-312	JOSEPHINE TRUST 19O-204	394	PDC ENERGY INC	05/18/2014	PR	922	170		6637	505
41	x	05-123-37719	MAXEY 24O-402	JOSEPHINE TRUST 19O-204	271	PDC ENERGY INC	06/13/2014	PR	936	166		6907	800
42	x	05-123-40145	KLEIN 19N-302	JOSEPHINE 19O-314	813	PDC ENERGY INC	07/13/2016	XX					
43	x	05-123-40146	KLEIN 19O-402	JOSEPHINE 19O-314	968	PDC ENERGY INC	08/01/2016	XX					
44	x	05-123-40147	KLEIN 19O-232	JOSEPHINE 19O-314	971	PDC ENERGY INC	08/11/2016	XX					
45	x	05-123-40148	KLEIN 19O-212	JOSEPHINE 19O-314	961	PDC ENERGY INC	07/25/2016	XX					
46	x	05-123-40149	KLEIN 19P-202	JOSEPHINE 19O-314	821	PDC ENERGY INC	06/02/2016	XX					
47	x	05-123-40150	KLEIN 19N-432	JOSEPHINE 19O-314	815	PDC ENERGY INC	07/05/2016	XX					
48	x	05-123-40151	KLEIN 19O-302	JOSEPHINE 19O-314	965	PDC ENERGY INC	08/01/2016	XX					
49	x	05-123-40155	KLEIN 19P-312	JOSEPHINE 19O-314	818	PDC ENERGY INC	06/12/2016	XX					
50	x	05-123-40247	KLEIN 19N-312	JOSEPHINE TRUST 19N-214	727	PDC ENERGY INC	09/21/2016	XX					
51	x	05-123-40248	KLEIN 19M-402	JOSEPHINE TRUST 19N-214	639	PDC ENERGY INC	11/17/2016	XX					
52	x	05-123-40249	KLEIN 19N-202ST	JOSEPHINE TRUST 19N-214	698	PDC ENERGY INC	10/04/2016	XX					
53	x	05-123-40250	KLEIN 19M-232	JOSEPHINE TRUST 19N-214	667	PDC ENERGY INC	11/08/2016	XX					
54	x	05-123-43902	GILLHAM 18X-104	JOSEPHINE 19M-404	1357	PDC ENERGY INC		XX					
55	x	05-123-43904	GILLHAM 18X-234	JOSEPHINE 19M-404	931	PDC ENERGY INC		XX					
56	x	05-123-43908	GILLHAM 18X-334	JOSEPHINE 19M-404	1144	PDC ENERGY INC		XX					
57	x	05-123-43914	GILLHAM 18Y-314	JOSEPHINE 19M-404	596	PDC ENERGY INC		XX					
58	x	05-123-43916	GILLHAM 18Y-214	JOSEPHINE 19M-404	396	PDC ENERGY INC		XX					

Total Wells:	<u>58</u>
Meets Standard(STD):	<u>58</u>
Needs Evaluation:	<u>0</u>