

# 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		05-123-07204	UPRR 21 PAN AM A 1	PAONIA 1N	747	NOBLE ENERGY INC	11/26/1970	PA	204	420		7728	7386
2		05-123-07533	UPRR 21 PAN AM D 1	PAONIA 2N	101	NOBLE ENERGY INC	08/25/1972	PR	535	480			
3		05-123-08267	MEL SMOOKLER GAS UNIT 1	PAONIA 1N	502	NOBLE ENERGY INC	01/10/1975	PR	564	420		7050	7097
4		05-123-08670	MUSICK-MCCLINTOCK 1	PAONIA 7N	156	K P KAUFFMAN COMPANY INC	04/23/1976	SI	390	480			
5		05-123-09302	UPRR 21 PAN AM G 1	PAONIA 1N	209	NOBLE ENERGY INC	09/30/1977	PR	230	480			
6		05-123-09553	BOHLENDER 32-29 1	PAONIA 6N	45	NOBLE ENERGY INC	09/06/1978	PR	500	480			3660
7		05-123-09555	MUSICK-MCCLINTOCK 2	PAONIA 3N	115	K P KAUFFMAN COMPANY INC	08/17/1978	SI	390	420			
8		05-123-09670	BOHLENDER 31-29 3	PAONIA 6N	194	ANADARKO E&P ONSHORE LLC	02/05/1979	PA	404	480			
9		05-123-09673	BOHLENDER 2	PAONIA 10N	118	KERR MCGEE OIL & GAS	02/16/1979	PA	420	480			3550
10		05-123-09681	ARIST. ANGUS RANCH 41-5 1	PAONIA 10N	1397	KERR MCGEE OIL & GAS	03/01/1979	SI	430	483			
11		05-123-09686	MUSICK-MCCLINTOCK 3	PAONIA 1N	839	K P KAUFFMAN COMPANY INC	03/14/1979	PR	425	420			
12		05-123-09739	VERN MARSHALL 1	PAONIA 1N	758	NOBLE ENERGY INC	07/05/1979	SI	630	420			
13		05-123-09767	MUSICK-MCCLINTOCK 4	PAONIA 10N	108	K P KAUFFMAN COMPANY INC	08/28/1979	SI	446	480			
14		05-123-09910	MUSICK-MCCLINTOCK 5	PAONIA 2N	46	K P KAUFFMAN COMPANY INC	02/28/1980	SI	448	480			
15		05-123-10015	CLYDE MARSHALL 1	PAONIA 2N	151	NOBLE ENERGY INC	08/01/1980	SI	540	420			
16		05-123-10582	MUSICK-MCCLINTOCK 6	PAONIA 1N	812	K P KAUFFMAN COMPANY INC	03/19/1982	SI	415	420			
17		05-123-10806	KRAUSE 1-J	PAONIA 11N	1448	NOBLE ENERGY INC	07/27/1983	PR	526	480		6946	6430
18		05-123-11784	PESCHEL 44-20	PAONIA 10N	897	PDC ENERGY INC	05/07/1984	PA	327	480		6995	6550
19		05-123-11962	UPRR 21 PAN AM D 2	PAONIA 10N	150	NOBLE ENERGY INC	11/05/1984	PR	631	480			
20		05-123-12005	PEARSON 1	PAONIA 11N	1441	NOBLE ENERGY INC	10/19/1984	SI	475	480		7055	6708
21		05-123-12174	UPRR 36 PAN AM C 1	PAONIA 11N	1071	NOBLE ENERGY INC	11/16/1984	PR	586	506			
22		05-123-12519	PESCHEL 34-20	PAONIA 6N	830	PDC ENERGY INC	07/03/1985	PA	306	480		6960	6522
23		05-123-12551	UPRR 21 PAN AM "J" 1	PAONIA 6N	60	NOBLE ENERGY INC	08/17/1985	SI	828	480		7100	6600
24		05-123-12642	MUSICK GAS UNIT 1	PAONIA 9N	44	CRESTONE PEAK RESOURCES	09/16/1985	PR	516	480		6990	7400
25		05-123-12721	LUDWIG-UPRR 31-5 1	PAONIA 6N	1345	KERR MCGEE OIL & GAS	10/21/1985	PR	319	501		6964	6320
26		05-123-12884	CPC-BOHLENDER 29-1	PAONIA 10N	38	NOBLE ENERGY INC	01/08/1986	PR	296	480		6970	6640
27		05-123-13014	CPC-BOHLENDER 29-2	PAONIA 6N	120	PETRO-CANADA RESOURCES (USA)		AL					
28		05-123-13035	CPC BOHLENDER 29-2	PAONIA 6N	81	NOBLE ENERGY INC	02/28/1985	SI	398	480		6942	6500

29		05-123-13441	HAMBERT R G 32-1	PAONIA 11N	117	NOBLE ENERGY INC	07/21/1987	SI	335	480		6954	6346
30		05-123-13442	HAMBERT R G 32-2	PAONIA 7N	36	NOBLE ENERGY INC	05/28/1987	PR	315	480		6999	6330
31		05-123-13443	HAMBERT R G 32-3	PAONIA 3N	206	NOBLE ENERGY INC	06/23/1987	SI	305	480		7099	6270
32		05-123-13444	HAMBERT R G 32-4	PAONIA 1N	676	PATINA OIL & GAS CORPORATIO N	06/06/1987	PA	303	420		7123	6416
33		05-123-13445	HAMBERT R G 32-5	PAONIA 1N	873	NOBLE ENERGY INC	07/18/1987	SI	321	420		7010	6595
34		05-123-13446	HAMBERT R G 32-6	PAONIA 2N	59	NOBLE ENERGY INC	07/12/1987	SI	303	420		7045	6215
35		05-123-13447	HAMBERT R G 32-7	PAONIA 6N	144	NOBLE ENERGY INC	06/11/1987	SI	310	420		6998	6200
36		05-123-13448	HAMBERT R G 32-8	PAONIA 11N	110	NOBLE ENERGY INC	07/28/1987	SI	309	480		6956	6318
37		05-123-13719	KRAUSE 2-28	PAONIA 11N	1125	NOBLE ENERGY INC	12/14/1987	PR	389	480		6999	4300
38		05-123-13969	PESCHEL 24-20	PAONIA 2N	725	PDC ENERGY INC	06/27/1988	PA	416	480		6929	6805
39		05-123-14079	PESCHEL 44-20S	PAONIA 10N	859	BATAA OIL, INC.	10/31/1988	PA	434	480			
40		05-123-14080	BOHLENDER 29-3	PAONIA 11N	133	NOBLE ENERGY INC	10/23/1988	PR	505	480		6988	6487
41	x	05-123-14244	PESCHEL 14-20	PAONIA 1N	944	PDC ENERGY INC	03/23/1989	PA	422	376		6899	6644
42		05-123-14449	BOHLENDER 33-5	PAONIA 11N	1149	NOBLE ENERGY INC	11/17/1989	SI	432	480		6894	6548
43		05-123-15071	MUSICK MCCLINTOCK 7	PAONIA 7N	59	K P KAUFFMAN COMPANY INC	06/28/1991	SI	341	420			
44		05-123-15190	BOHLENDER 33-22	PAONIA 11N	1457	NOBLE ENERGY INC	09/01/1991	SI	495	480		6919	6545
45		05-123-15309	HSR-FRISBIE 16-29A	PAONIA 10N	21	NOBLE ENERGY INC	10/21/1991	SI	511	480		7050	6728
46		05-123-15310	HSR-MUNDS 13-29	PAONIA 1N	914	NOBLE ENERGY INC	11/07/1991	SI	499	420		6973	6592
47	x	05-123-15337	HSR-MAYA 4-29	PAONIA 1N	669	NOBLE ENERGY INC	11/17/1991	PA	444	480		6952	6560
48	x	05-123-15338	HSR-RAY 3-29	PAONIA 2N	50	NOBLE ENERGY INC	11/12/1991	PR	438	480		6957	6406
49		05-123-15339	HSR-WRIGHT 9-29A	PAONIA 10N	32	NOBLE ENERGY INC	10/31/1991	SI	509	480		7080	6672
50		05-123-15340	HSR-CROUSE 5-29	PAONIA 1N	554	NOBLE ENERGY INC	12/02/1991	PR	456	480		6989	6545
51		05-123-15341	HSR-DICKERSON 14-29A	PAONIA 2N	34	NOBLE ENERGY INC	12/19/2001	SI	513	480		6976	6470
52		05-123-15407	HSR-SALISBURY 6-29	PAONIA 2N	71	NOBLE ENERGY INC	11/22/1991	PR	461	480		6988	6613
53		05-123-15408	HSR-CARTER 11-29	PAONIA 3N	128	NOBLE ENERGY INC	11/27/1991	PR	489	480		6381	6280
54		05-123-15455	HSR-FROELICH 12-29A	PAONIA 1N	705	NOBLE ENERGY INC	12/08/1991	PR	464	480		6957	6486
55		05-123-15463	HSR-TEAGLE 10-29A	PAONIA 6N	19	NOBLE ENERGY INC	12/14/1991	SI	489	480		6987	6608
56		05-123-16094	BEEBE DRAW 41-5A	PAONIA 11N	1472	KERR MCGEE OIL & GAS	09/02/1992	PR	581	481		6918	6310
57		05-123-16264	HSR-NICHOLS 15-32	PAONIA 8N	111	NOBLE ENERGY INC	10/08/1992	SI	535	420		6993	6262
58		05-123-16327	UPRC 21-13G	PAONIA 11N	1499	NOBLE ENERGY INC	10/27/1992	SI	513	480		6933	6256
59		05-123-16334	BOHLENDER 29-13	PAONIA 7N	77	NOBLE ENERGY INC	10/22/1992	PR	451	480		6473	6415
60		05-123-16380	MARSHALL 32-14G	PAONIA 2N	199	NOBLE ENERGY INC	12/05/1992	PR	551	420		6995	6676
61		05-123-16381	MARSHALL 32-13G	PAONIA 1N	833	SNYDER OIL CORP		AL					
62		05-123-16437	MARSHALL 32-11G	PAONIA 2N	142	NOBLE ENERGY INC	12/14/1992	PR	569	420		7016	6561
63		05-123-16438	MARSHALL 32-12G	PAONIA 1N	638	NOBLE ENERGY INC	12/21/1992	PR	563	420		7011	6329

64		05-123-16548	MUSICK 1-32	PAONIA 1N	62	CRESTONE PEAK RESOURCES	12/03/1992	PR	552	420		7028	
65		05-123-16674	HSR- HARRISON 9-32	PAONIA 11N	81	NOBLE ENERGY INC	01/21/1993	PR	568	420		6956	6272
66		05-123-16675	HSR-KOCH 16- 32	PAONIA 11N	292	NOBLE ENERGY INC	01/15/1993	PR	570	420		6980	6416
67		05-123-16676	HSR-HART 12- 33	PAONIA 11N	1146	NOBLE ENERGY INC	02/03/1993	SI	526	420		6929	6454
68		05-123-16677	HSR-LEE 13-33	PAONIA 11N	1106	NOBLE ENERGY INC	01/27/1993	SI	531	420		6934	6480
69		05-123-16798	HSR-ROGERS 3 -5	PAONIA 2N	1310	KERR MCGEE OIL & GAS	02/17/1993	SI	575	536		6996	6400
70		05-123-17526	HSR-WILLIAM 10-32A	PAONIA 6N	118	NOBLE ENERGY INC	10/19/1993	PR	629	420		7015	6264
71		05-123-17849	OGG 11-28	PAONIA 11N	1054	NOBLE ENERGY INC	01/04/1994	SI	577	480		6954	6222
72		05-123-19688	NGL C3	PAONIA 1N	815	NGL WATER SOLUTIONS DJ LLC	06/08/1999	PA	565	420		7122	0
73		05-123-20204	MARSHALL G 32-13JI	PAONIA 1N	1014	NOBLE ENERGY INC	03/24/2001	PR	680	565		7040	6740
74		05-123-22170	KRAUSE 12-28	PAONIA 11N	913	NOBLE ENERGY INC	06/02/2004	PR	683	480		7056	3890
75		05-123-22193	OGG 5-28	PAONIA 11N	1055	NOBLE ENERGY INC	08/20/2004	SI	674	480		7082	3717
76		05-123-22682	KRAUSE 13-28	PAONIA 11N	1239	KERR MCGEE OIL & GAS		AL					
77		05-123-23110	SPAYD 16-29	PAONIA 10N	112	KERR MCGEE OIL & GAS		AL					
78		05-123-23423	SPAYD 5-29	PAONIA 1N	1030	NOBLE ENERGY INC	01/06/2006	PR	631	480		7044	4072
79		05-123-23424	SPAYD 22-29	PAONIA 1N	124	NOBLE ENERGY INC	11/06/2006	SI	546	480		7035	2820
80		05-123-24184	RAY 36-32	PAONIA 5N	554	NOBLE ENERGY INC	10/10/2006	SI	636	420		7040	3214
81		05-123-24188	RAY 23-32	PAONIA 4N	150	NOBLE ENERGY INC	10/04/2006	SI	621	420		7070	3750
82		05-123-24236	LUDWIG 29-5	PAONIA 1N	817	KERR MCGEE OIL & GAS	03/09/2007	SI	627	532		7092	3800
83		05-123-24589	SPAYD 19-29	PAONIA 1N	237	KERR MCGEE OIL & GAS		AL					
84		05-123-24645	SPAYD 25-29	PAONIA 4N	100	KERR MCGEE OIL & GAS		AL					
85		05-123-24727	SPAYD 23-29	PAONIA 2N	5	KERR MCGEE OIL & GAS		AL					
86		05-123-24970	SPAYD 20-29	PAONIA 8N	143	KERR MCGEE OIL & GAS		AL					
87	x	05-123-25293	HAMBERT G 32- 4X	PAONIA 1N	625	NOBLE ENERGY INC	01/05/2008	SI	648	420		7082	3556
88		05-123-26225	PESCHEL 6-20	PAONIA 8N	1497	PDC ENERGY INC		AL					
89		05-123-27273	RAY 39-32	PAONIA 11N	442	NOBLE ENERGY INC	10/21/2006	PR	621	420		7066	3930
90		05-123-27292	RAY 24-32	PAONIA 9N	92	NOBLE ENERGY INC	10/16/2006	PR	582	420		7067	3720
91	x	05-123-28095	SPAYD 30-29	PAONIA 1N	1401	KERR MCGEE OIL & GAS	11/20/2008	PR	676	480		7379	3700
92	x	05-123-28096	SPAYD 25-29	PAONIA 4N	58	NOBLE ENERGY INC	12/06/2008	PR	685	480		7184	2770
93	x	05-123-28097	SPAYD 19-29	PAONIA 1N	100	NOBLE ENERGY INC	12/01/2008	PR	687	480		7355	2925
94	x	05-123-28098	SPAYD 33-29	PAONIA 1N	1344	NOBLE ENERGY INC	11/25/2008	PR	678	480		7426	3150
95	x	05-123-29350	SPAYD 20-29	PAONIA 8N	137	NOBLE ENERGY INC	12/19/2008	SI	684	480		7128	2726
96	x	05-123-29351	SPAYD 36-29	PAONIA 4N	63	NOBLE ENERGY INC	12/28/2008	SI	684	480		7497	3384
97	x	05-123-29352	SPAYD 23-29	PAONIA 5N	149	NOBLE ENERGY INC	01/03/2009	SI	675	480		7245	3290
98	x	05-123-29353	SPAYD 39-29	PAONIA 11N	427	NOBLE ENERGY INC	12/12/2008	SI	629	480		7144	2265
99	x	05-123-29354	SPAYD 37-29	PAONIA 8N	62	NOBLE ENERGY INC	12/28/2008	PR	684	480		7238	2795

100		05-123-30422	FRAZIER 33-2-19	PAONIA 11N	615	NOBLE ENERGY INC		AL					
101	x	05-123-30680	WEINMASTER G 32-18	PAONIA 5N	66	NOBLE ENERGY INC	02/28/2010	SI	672	480		6996	6336
102	x	05-123-31735	NGL C3A	PAONIA 1N	960	NGL WATER SOLUTIONS DJ LLC	05/19/2014	IJ	757	480		7280	0
103	x	05-123-31805	RURAL LAND G32-33D	PAONIA 1N	1363	NOBLE ENERGY INC	12/28/2011	PR	738	420		7117	2286
104	x	05-123-32973	REI 26-5	PAONIA 11N	881	KERR MCGEE OIL & GAS	05/16/2011	PR	727	420		7322	928
105	x	05-123-32974	REI 27-5	PAONIA 9N	750	KERR MCGEE OIL & GAS	05/19/2011	PR	729	420		7294	310
106		05-123-35387	FRAZIER PC G33-31D	PAONIA 11N	711	NOBLE ENERGY INC		AL					
107		05-123-35388	FRAZIER PC G33-21D	PAONIA 11N	711	NOBLE ENERGY INC		AL					
108		05-123-35389	FRAZIER PC G33-69HN	PAONIA 11N	711	NOBLE ENERGY INC		AL					
109		05-123-35390	FRAZIER PC G33-20D	PAONIA 11N	711	NOBLE ENERGY INC		AL					
110		05-123-35391	FRAZIER PC G33-30D	PAONIA 11N	711	NOBLE ENERGY INC		AL					
111		05-123-35392	FRAZIER PC G33-32D	PAONIA 11N	711	NOBLE ENERGY INC		AL					
112		05-123-35393	FRAZIER PC G33-67HN	PAONIA 11N	711	NOBLE ENERGY INC		AL					
113		05-123-35398	WEINMASTER G32-21D	PAONIA 5N	90	NOBLE ENERGY INC		AL					
114		05-123-35399	WEINMASTER G32-19D	PAONIA 5N	90	NOBLE ENERGY INC		AL					
115		05-123-35400	WEINMASTER G32-29D	PAONIA 5N	90	NOBLE ENERGY INC		AL					
116		05-123-35401	WEINMASTER G32-17D	PAONIA 5N	90	NOBLE ENERGY INC		AL					
117		05-123-35517	SPAYD PC G 29 -18D	PAONIA 11N	154	NOBLE ENERGY INC		AL					
118		05-123-35518	SPAYD PC G29-27D	PAONIA 11N	148	NOBLE ENERGY INC		AL					
119		05-123-35519	SPAYD PC G 29 -17D	PAONIA 11N	161	NOBLE ENERGY INC		AL					
120		05-123-35520	SPAYD PC G 28 -31	PAONIA 11N	168	NOBLE ENERGY INC		AL					
121		05-123-35965	WEINMASTER G31-66-1HN	PAONIA 6N	26	NOBLE ENERGY INC		AL					
122		05-123-35966	WEINMASTER G31-65-1HN	PAONIA 6N	3	NOBLE ENERGY INC		AL					
123		05-123-35967	WEINMASTER G31-65HN	PAONIA 6N	46	NOBLE ENERGY INC		AL					
124	x	05-123-40727	PESCHEL 20I-402	PAONIA 11N	361	PDC ENERGY INC	09/15/2015	PR	875	480		6930	500
125	x	05-123-40728	PESCHEL 20H-232	PAONIA 11N	1064	PDC ENERGY INC	08/31/2015	PR	875	480		6930	500
126	x	05-123-40729	PESCHEL 20I-312	PAONIA 11N	572	PDC ENERGY INC	09/07/2015	PR	875	480		6930	500
127	x	05-123-40730	PESCHEL 20H-332	PAONIA 11N	1213	PDC ENERGY INC	07/24/2015	PR	875	480		6930	500
128	x	05-123-42811	NGL C3B	PAONIA 11N	121	NGL WATER SOLUTIONS DJ LLC	03/06/2016	IJ	747	480		7122	0

Total Wells: 128

Meets Standard(STD): 23

Needs Evaluation: 105