

## 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	05-123-09673	BOHLENDER 2	CRAWFORD 1N	577	KERR MCGEE OIL & GAS	02/16/1979	PA	420	480			3550
2	x	05-123-09681	ARIST. ANGUS RANCH 41-5 1	CRAWFORD 1N	1493	KERR MCGEE OIL & GAS	03/01/1979	SI	430	483			
3	x	05-123-09767	MUSICK-MCCLINTOCK 4	CRAWFORD 1N	608	K P KAUFFMAN COMPANY INC	08/28/1979	SI	446	480			
4	x	05-123-10105	KRAUSE 1	CRAWFORD 5N	905	SUNSET PLUGGING & EQUIPMENT	01/11/1981	PA	450	480			
5	x	05-123-10554	KRAUSE 28-2	CRAWFORD 5N	1053	NOBLE ENERGY INC	02/18/1982	SI	497	480		7023	6320
6	x	05-123-10806	KRAUSE 1-J	CRAWFORD 5N	87	NOBLE ENERGY INC	07/27/1983	PR	526	480		6946	6430
7	x	05-123-11784	PESCHEL 44-20	CRAWFORD 1N	1038	PDC ENERGY INC	05/07/1984	PA	327	480		6995	6550
8	x	05-123-11962	UPRR 21 PAN AM D 2	CRAWFORD 1N	556	NOBLE ENERGY INC	11/05/1984	PR	631	480			
9		05-123-12005	PEARSON 1	CRAWFORD 5N	89	NOBLE ENERGY INC	10/19/1984	SI	475	480		7055	6708
10	x	05-123-12174	UPRR 36 PAN AM C 1	CRAWFORD 3N	250	NOBLE ENERGY INC	11/16/1984	PR	586	506			
11	x	05-123-12642	MUSICK GAS UNIT 1	CRAWFORD 1N	1077	CRESTONE PEAK RESOURCES	09/16/1985	PR	516	480		6990	7400
12	x	05-123-12884	CPC-BOHLENDER 29 -1	CRAWFORD 1N	653	NOBLE ENERGY INC	01/08/1986	PR	296	480		6970	6640
13		05-123-13441	HAMBERT R G 32-1	CRAWFORD 1N	452	NOBLE ENERGY INC	07/21/1987	SI	335	480		6954	6346
14		05-123-13448	HAMBERT R G 32-8	CRAWFORD 1N	451	NOBLE ENERGY INC	07/28/1987	SI	309	480		6956	6318
15		05-123-13719	KRAUSE 2-28	CRAWFORD 4N	120	NOBLE ENERGY INC	12/14/1987	PR	389	480		6999	4300
16	x	05-123-14079	PESCHEL 44-20S	CRAWFORD 1N	985	BATAA OIL, INC.	10/31/1988	PA	434	480			
17		05-123-14080	BOHLENDER 29 -3	CRAWFORD 1N	452	NOBLE ENERGY INC	10/23/1988	PR	505	480		6988	6487
18		05-123-14449	BOHLENDER 33 -5	CRAWFORD 4N	104	NOBLE ENERGY INC	11/17/1989	SI	432	480		6894	6548
19	x	05-123-14450	BOHLENDER 33 -6	CRAWFORD 5N	1095	NOBLE ENERGY INC	10/21/1989	PA	448	480		6905	6328
20		05-123-14465	BOHLENDER 33 -7	CRAWFORD 5N	774	NOBLE ENERGY INC	10/29/1989	SI	445	480		6893	6640
21		05-123-15058	UPRC 21-14G	CRAWFORD 5N	1272	NOBLE ENERGY INC	07/19/1991	PR	525	480		7034	6590
22		05-123-15190	BOHLENDER 33 -22	CRAWFORD 5N	88	NOBLE ENERGY INC	09/01/1991	SI	495	480		6919	6545
23		05-123-15309	HSR-FRISBIE 16-29A	CRAWFORD 1N	685	NOBLE ENERGY INC	10/21/1991	SI	511	480		7050	6728
24		05-123-15339	HSR-WRIGHT 9-29A	CRAWFORD 1N	669	NOBLE ENERGY INC	10/31/1991	SI	509	480		7080	6672
25	x	05-123-16263	HSR-MONTALI 14-33	CRAWFORD 5N	622	NOBLE ENERGY INC	10/22/1992	SI	655	472		6918	6150
26	x	05-123-16264	HSR-NICHOLS 15-32	CRAWFORD 1N	1474	NOBLE ENERGY INC	10/08/1992	SI	535	420		6993	6262
27	x	05-123-16327	UPRC 21-13G	CRAWFORD 4N	998	NOBLE ENERGY INC	10/27/1992	SI	513	480		6933	6256
28	x	05-123-16408	ARISTOCRAT ANGUS 11-4	CRAWFORD 4N	1365	CRESTONE PEAK RESOURCES	12/15/1992	PA	635	480		6914	6482
29	x	05-123-16674	HSR-HARRISON 9-32	CRAWFORD 1N	428	NOBLE ENERGY INC	01/21/1993	PR	568	420		6956	6272
30	x	05-123-16675	HSR-KOCH 16-32	CRAWFORD 1N	557	NOBLE ENERGY INC	01/15/1993	PR	570	420		6980	6416
31	x	05-123-16676	HSR-HART 12-33	CRAWFORD 4N	109	NOBLE ENERGY INC	02/03/1993	SI	526	420		6929	6454

32	x	05-123-16677	HSR-LEE 13-33	CRAWFORD 4N	154	NOBLE ENERGY INC	01/27/1993	SI	531	420		6934	6480
33	x	05-123-17662	HSR-ROBERT 11-33	CRAWFORD 5N	1097	NOBLE ENERGY INC	12/11/1993	PR	528	420		6904	6327
34	x	05-123-17788	OGG 21-28	CRAWFORD 5N	690	NOBLE ENERGY INC	12/28/1993	SI	536	480		6892	6188
35	x	05-123-17849	OGG 11-28	CRAWFORD 3N	115	NOBLE ENERGY INC	01/04/1994	SI	577	480		6954	6222
36	x	05-123-17866	OGG 22-28	CRAWFORD 5N	1031	NOBLE ENERGY INC	02/11/1994	SI	547	480		6915	6266
37	x	05-123-20304	HSR-KRAUSE 14-28A	CRAWFORD 5N	1003	NOBLE ENERGY INC	04/29/2001	PR	553	480		6937	6330
38	x	05-123-22170	KRAUSE 12-28	CRAWFORD 3N	28	NOBLE ENERGY INC	06/02/2004	PR	683	480		7056	3890
39	x	05-123-22193	OGG 5-28	CRAWFORD 3N	115	NOBLE ENERGY INC	08/20/2004	SI	674	480		7082	3717
40	x	05-123-22682	KRAUSE 13-28	CRAWFORD 4N	6	KERR MCGEE OIL & GAS		AL					
41	x	05-123-23110	SPAYD 16-29	CRAWFORD 1N	816	KERR MCGEE OIL & GAS		AL					
42	x	05-123-23132	KRAUSE 22-28	CRAWFORD 5N	215	NOBLE ENERGY INC	08/05/2005	PR	724	480		7090	3748
43	x	05-123-24071	ANDERSEN 23-33	CRAWFORD 5N	1477	NOBLE ENERGY INC	11/25/2006	PR	592	420		7000	2348
44	x	05-123-24516	ANDERSEN 35-33	CRAWFORD 5N	669	NOBLE ENERGY INC	06/27/2008	PR	639	468		6995	2662
45	x	05-123-24970	SPAYD 20-29	CRAWFORD 1N	1219	KERR MCGEE OIL & GAS		AL					
46	x	05-123-25093	FRAZIER 33-25	CRAWFORD 5N	222	NOBLE ENERGY INC	05/16/2007	SI	582	480		6863	3360
47	x	05-123-27273	RAY 39-32	CRAWFORD 1N	92	NOBLE ENERGY INC	10/21/2006	PR	621	420		7066	3930
48	x	05-123-27292	RAY 24-32	CRAWFORD 1N	1130	NOBLE ENERGY INC	10/16/2006	PR	582	420		7067	3720
49	x	05-123-29350	SPAYD 20-29	CRAWFORD 1N	1225	NOBLE ENERGY INC	12/19/2008	SI	684	480		7128	2726
50	x	05-123-29353	SPAYD 39-29	CRAWFORD 1N	100	NOBLE ENERGY INC	12/12/2008	SI	629	480		7144	2265
51	x	05-123-29354	SPAYD 37-29	CRAWFORD 1N	1300	NOBLE ENERGY INC	12/28/2008	PR	684	480		7238	2795
52	x	05-123-30420	FRAZIER 33-2-21	CRAWFORD 5N	227	NOBLE ENERGY INC		AL					
53	x	05-123-30421	FRAZIER 33-2-23	CRAWFORD 5N	93	NOBLE ENERGY INC		AL					
54	x	05-123-30422	FRAZIER 33-2-19	CRAWFORD 2N	37	NOBLE ENERGY INC		AL					
55	x	05-123-32942	KRAUSE G28-24D	CRAWFORD 5N	1022	NOBLE ENERGY INC		AL					
56	x	05-123-32973	REI 26-5	CRAWFORD 1N	750	KERR MCGEE OIL & GAS	05/16/2011	PR	727	420		7322	928
57	x	05-123-32974	REI 27-5	CRAWFORD 1N	1368	KERR MCGEE OIL & GAS	05/19/2011	PR	729	420		7294	310
58	x	05-123-35387	FRAZIER PC G33-31D	CRAWFORD 2N	59	NOBLE ENERGY INC		AL					
59	x	05-123-35388	FRAZIER PC G33-21D	CRAWFORD 2N	59	NOBLE ENERGY INC		AL					
60	x	05-123-35389	FRAZIER PC G33-69HN	CRAWFORD 2N	59	NOBLE ENERGY INC		AL					
61	x	05-123-35390	FRAZIER PC G33-20D	CRAWFORD 2N	59	NOBLE ENERGY INC		AL					
62	x	05-123-35391	FRAZIER PC G33-30D	CRAWFORD 2N	59	NOBLE ENERGY INC		AL					
63	x	05-123-35392	FRAZIER PC G33-32D	CRAWFORD 2N	59	NOBLE ENERGY INC		AL					
64	x	05-123-35393	FRAZIER PC G33-67HN	CRAWFORD 2N	59	NOBLE ENERGY INC		AL					
65	x	05-123-35403	KRAUSE G 28-21D	CRAWFORD 5N	1022	NOBLE ENERGY INC		AL					
66	x	05-123-35404	KRAUSE G 28-22D	CRAWFORD 5N	1022	NOBLE ENERGY INC		AL					
67	x	05-123-35517	SPAYD PC G 29-18D	CRAWFORD 1N	160	NOBLE ENERGY INC		AL					
68	x	05-123-35518	SPAYD PC G29-27D	CRAWFORD 1N	167	NOBLE ENERGY INC		AL					

69	x	05-123-35519	SPAYD PC G 29-17D	CRAWFORD 1N	154	NOBLE ENERGY INC		AL					
70	x	05-123-35520	SPAYD PC G 28-31	CRAWFORD 1N	147	NOBLE ENERGY INC		AL					
71	x	05-123-40727	PESCHEL 20I-402	CRAWFORD 1N	548	PDC ENERGY INC	09/15/2015	PR	875	480		6930	500
72	x	05-123-40728	PESCHEL 20H-232	CRAWFORD 1N	1132	PDC ENERGY INC	08/31/2015	PR	875	480		6930	500
73	x	05-123-40729	PESCHEL 20I-312	CRAWFORD 1N	700	PDC ENERGY INC	09/07/2015	PR	875	480		6930	500
74	x	05-123-40730	PESCHEL 20H-332	CRAWFORD 1N	1271	PDC ENERGY INC	07/24/2015	PR	875	480		6930	500
75	x	05-123-42811	NGL C3B	CRAWFORD 1N	193	NGL WATER SOLUTIONS DJ LLC	03/06/2016	IJ	747	480		7122	0

Total Wells: 75

Meets Standard(STD): 64

Needs Evaluation: 11