

## 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		05-123-11287	FARAMIER FARMS 6-1	Johnson D06 -785		NOBLE ENERGY INC	08/02/1983	PA	215	582		6780	6574
2	x	05-123-11389	MCKENNEY 6-1	Johnson D06 -761		NOBLE ENERGY INC	10/24/1983	PA	435	501		6776	6180
3	x	05-123-11907	MCKENNEY 6-2	Johnson D06 -761		NOBLE ENERGY INC	09/01/1984	PA	332	518		6766	6180
4		05-123-11908	FARAMIR FARMS 6-2	Johnson D06 -785		NOBLE ENERGY INC	09/09/1984	PA	414	552		6817	6510
5		05-123-11961	JOHNSON A-30	Johnson D06 -785		NOBLE ENERGY INC	08/30/1984	PA	441	558		6919	6350
6		05-123-12443	KILDOW C 31- 07	Johnson D06 -761		NOBLE ENERGY PRODUCTION INC	05/16/1985	PA	347	576		6845	700
7		05-123-12487	FARAMIR FARMS 6-3	Johnson D06 -777		NOBLE ENERGY INC	07/10/1985	PA	306	528		6774	6500
8		05-123-12514	BROSNAHAN 1	Johnson D06 -766		NOBLE ENERGY INC	08/06/1985	SI	392	546		6860	6436
9		05-123-12605	ANDERSON 1	Johnson D06 -761		NOBLE ENERGY INC	09/03/1985	PR	418	550		6833	6042
10		05-123-12618	ANDERSON 2	Johnson D06 -761		NOBLE ENERGY INC	09/09/1985	PA	419	553		6849	6120
11		05-123-13290	FARAMIR FARMS 6-4	Johnson D06 -777		NOBLE ENERGY INC	12/18/1986	SI	327	537	x	6794	6320
12		05-123-13341	TWO E RANCH 7-1	Johnson D06 -761		NOBLE ENERGY INC	02/01/1987	PR	312	532		6816	6432
13		05-123-13400	OCOMA UPRR C31-13	Johnson D06 -785		NOBLE ENERGY INC	03/16/1987	PR	311	557	x	6869	6168
14		05-123-13401	OCOMO C 31- 14	Johnson D06 -777		NOBLE ENERGY INC	03/21/1987	PR	316	546	x	6799	6184
15	x	05-123-13404	OCOMA - UPRR C-31-11	Johnson D06 -777		NOBLE ENERGY INC	03/20/1987	PR	317	571	x	6884	6236
16	x	05-123-13405	OCOMA - UPRR C31-12	Johnson D06 -785		NOBLE ENERGY INC	03/15/1987	SI	313	572	x	6894	6212
17		05-123-13731	STEWART R C 30-6	Johnson D06 -777		NOBLE ENERGY INC	12/05/1987	SI	304	542		6846	6404
18		05-123-13834	OCOMA II C31- 10	Johnson D06 -761		NOBLE ENERGY INC	02/08/1988	SI	315	573		6825	5922
19		05-123-13835	OCOMA II C 31- 15	Johnson D06 -761		NOBLE ENERGY INC	01/29/1988	SI	322	540		6785	6070
20		05-123-13953	LOUSTALET 30- 2	Johnson D06 -761		NOBLE ENERGY INC	05/18/1988	PR	531	548		6883	6350
21		05-123-14214	KILDOW PM C 31-2	Johnson D06 -761		NOBLE ENERGY INC	05/18/1989	PR	310	566		6894	6386
22	x	05-123-14803	OCOMA 31-18	Johnson D06 -785		KP KAUFFMAN COMPANY INC	10/20/1990	PR	606				4870
23		05-123-14815	MCKENNEY 6-3	Johnson D06 -761		PDC ENERGY INC	01/22/1991	PA	451			6725	6340
24		05-123-14917	OCOMA 31-19	Johnson D06 -766		KP KAUFFMAN COMPANY INC	02/12/1991	PR	600				3430
25	x	05-123-15026	OCOMA 31-17	Johnson D06 -785		KP KAUFFMAN COMPANY INC	05/28/1991	SI	609				3517
26		05-123-15212	MCKENNEY 6- 43	Johnson D06 -761		PDC ENERGY INC	09/15/1991	PR	456			6730	6330
27		05-123-15213	MCKENNEY 6- 42	Johnson D06 -761		PDC ENERGY INC	09/10/1991	PR	469			6748	6445
28		05-123-15271	OCOMA 31-20	Johnson D06 -761		KP KAUFFMAN COMPANY INC	10/03/1991	SI	610				3530
29	x	05-123-15677	OCOMA 31-25	Johnson D06 -785		KP KAUFFMAN COMPANY INC	04/03/1992	PR	610				3326
30		05-123-15779	MCKENNEY 6- 12	Johnson D06 -761		NOBLE ENERGY INC	06/02/1992	SI	508	511		6789	6576
31	x	05-123-15839	UPRC 31-4H	Johnson D06 -785		NOBLE ENERGY INC	06/22/1992	PA	609	554		6879	6490
32	x	05-123-15885	UPRC 31-5H	Johnson D06 -785		NOBLE ENERGY INC	07/07/1992	PA	594	566		6879	6310

33	x	05-123-15900	UPRC 31-3H	Johnson D06 -777		NOBLE ENERGY INC	06/29/1992	PA	610	571		6892	6528
34	x	05-123-15901	UPRC 31-6H	Johnson D06 -777		NOBLE ENERGY INC	07/01/1992	PA	603	577		6887	6250
35		05-123-17022	HSR BARBOUR 4-7	Johnson D06 -785		NOBLE ENERGY INC	07/01/1994	PR	585	590		6820	5980
36		05-123-17051	HSR-PETRIE 3-7	Johnson D06 -785		NOBLE ENERGY INC	05/23/1993	PR	558	560		6805	5350
37	x	05-123-17417	OCOMA 31-26	Johnson D06 -777		KP KAUFFMAN COMPANY INC	08/28/1993	PR	610				3085
38	x	05-123-17806	OCOMA 31-27	Johnson D06 -777		KP KAUFFMAN COMPANY INC	12/18/1993	PR	617				3050
39		05-123-18990	BROSNAHAN 13-30	Johnson D06 -785		NOBLE ENERGY INC	02/20/1996	PA	536	529		7017	6450
40	x	05-123-19254	FARAMIR FARMS 6-32	Johnson D06 -785		NOBLE ENERGY INC	11/18/1996	PA	606	564		6790	
41		05-123-19255	FARAMIR FARMS 6-34	Johnson D06 -777		NOBLE ENERGY INC	11/13/1996	PR	565	551		6786	11
42		05-123-19806	MCKENNEY 6-13	Johnson D06 -761		NOBLE ENERGY INC	10/05/1999	SI	634	499		6752	6382
43	x	05-123-19812	FARAMIR FARMS 6-22	Johnson D06 -785		NOBLE ENERGY INC	10/18/1999	PA	666	558		6818	10
44	x	05-123-19813	FARAMIR FARMS 6-21	Johnson D06 -777		NOBLE ENERGY INC	10/12/1999	PR	627	530		6788	3600
45	x	05-123-19832	STEWART 30-23	Johnson D06 -785		NOBLE ENERGY INC	12/01/1999	PA	561	549		6896	6400
46	x	05-123-21445	WALTERS C 31-19	Johnson D06 -785		NOBLE ENERGY INC	05/13/2003	SI	633	566		6868	6548
47		05-123-21617	DECHANT 18-7	Johnson D06 -785		NOBLE ENERGY INC	10/22/2003	PR	635	576		6810	3658
48	x	05-123-22191	BROSNAHAN 14-30	Johnson D06 -777		NOBLE ENERGY INC	06/19/2004	SI	635	556		6892	3900
49	x	05-123-22246	OCOMA C 31-25	Johnson D06 -785		NOBLE ENERGY INC	06/25/2004	PR	635	561		6871	3800
50		05-123-23012	OCOMA C 31-23	Johnson D06 -761		NOBLE ENERGY INC	06/17/2005	SI	625	554		6797	3229
51		05-123-24405	KILDOW C 31-7X	Johnson D06 -761		NOBLE ENERGY INC	03/22/2007	SI	683	571		6879	1884
52		05-123-24969	TIMKO C 31-17	Johnson D06 -761		NOBLE ENERGY INC	05/14/2007	PR	665	556		6813	5760
53	x	05-123-25064	HOFF 6-15	Johnson D06 -761		NOBLE ENERGY INC	07/12/2007	PR	563	507		6753	2672
54		05-123-25285	O'CONNEL C 31-21	Johnson D06 -761		NOBLE ENERGY INC	07/10/2007	SI	627	586		6835	1815
55	x	05-123-25650	HORST 6-25	Johnson D06 -785		NOBLE ENERGY INC	04/16/2008	PA	620	551		6793	16
56		05-123-25965	HILL 6-35	Johnson D06 -785		NOBLE ENERGY INC	07/17/2007	PA	613	564		6775	2487
57		05-123-25987	MCKENNEY 5	Johnson D06 -761		PDC ENERGY INC	07/09/2007	SI	662	420		6730	1150
58		05-123-26059	O'CONNELL C 31-18	Johnson D06 -761		NOBLE ENERGY INC	07/20/2007	SI	697	581		6838	1950
59		05-123-26077	TIMKO C 31-22	Johnson D06 -761		NOBLE ENERGY INC	07/24/2007	PR	654	555		6803	1960
60	x	05-123-28077	DECHANT 7-1-17	Johnson D06 -761		NOBLE ENERGY INC	04/25/2011	PR	651	513		6767	1720
61	x	05-123-32011	Hoff PC D 06-27	Johnson D06 -761		NOBLE ENERGY INC	05/09/2011	SI	695	535		6836	2017
62	x	05-123-32149	Amen PC D06-29	Johnson D06 -785		NOBLE ENERGY INC	10/31/2010	SI	732	547		6842	1841
63	x	05-123-32161	Hoff PC D06-28D	Johnson D06 -766		NOBLE ENERGY INC	10/25/2010	SI	740	547		7022	1616
64	x	05-123-32301	AMEN PC D 06-18D	Johnson D06 -761		NOBLE ENERGY INC	02/13/2011	PR	696	533		7065	984
65	x	05-123-32302	HOFF PC D 06-21	Johnson D06 -766		NOBLE ENERGY INC	02/17/2011	PR		532		6815	1900
66	x	05-123-32322	SMITH PC D 06-20D	Johnson D06 -785		NOBLE ENERGY INC	02/08/2011	PR	699	537		6947	1322
67	x	05-123-34558	Ocoma C31-20D	Johnson D06 -785		NOBLE ENERGY INC	12/21/2011	PR	698	569		7164	670
68	x	05-123-34559	Ocoma C31-24D	Johnson D06 -761		NOBLE ENERGY INC	12/27/2011	PR	736	569		7036	2318
69	x	05-123-39553	Heartland State C31-79-1HN	Johnson D06 -785		NOBLE ENERGY INC	09/09/2014	PR	711	536		6932	630

70	x	05-123-39554	Heartland C31-78-1HN	Johnson D06-785		NOBLE ENERGY INC	09/19/2014	PR		537		7053	230
71	x	05-123-39555	Heartland C30-79-1HN	Johnson D06-785		NOBLE ENERGY INC	08/23/2014	PR	707	536		6927	720

Total Wells: 71

Meets Standard(STD): 34

Needs Evaluation: 37