

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		05-123-10686	1 CALVIN	Sanford 26C-27-XR		SRC ENERGY INC	05/19/1982	PR	378	900		6952	6570
2	x	05-123-12504	1 COLTRANE-IGO	Sanford 8N-27B-XR		NOBLE ENERGY INC	09/06/1985	PR	322	900		6985	
3		05-123-10726	1 GOLD	Sanford 26C-27-XR		NOBLE ENERGY INC	06/12/1982	PR	346	900		6910	6654
4	x	05-123-11895	1 WIEDEMAN	Sanford 8N-27B-XR		NOBLE ENERGY INC	07/29/1984	PR	515	900		6994	6736
5		05-123-20662	10-29 CARLSON	Sanford 40N-27C-XR		NOBLE ENERGY INC	01/06/2002	SI	627	900		7082	6514
6		05-123-19139	14-20 HSR-WIEDEMAN	Sanford 26C-27-XR		NOBLE ENERGY INC	04/06/1996	SI	415	900		7044	6500
7		05-123-19140	15-20 HSR-WIEDEMAN	Sanford 26C-27-XR		NOBLE ENERGY INC	04/08/1996	PR	414	900		7049	6400
8		05-123-21689	20-29 CARLSON	Sanford 40N-27C-XR		NOBLE ENERGY INC	11/17/2003	PR	663	600		7040	3194
9		05-123-17189	22-13 A.J. GOLD	Sanford 26C-27-XR		SRC ENERGY INC	07/21/1993	PR	507	900		6891	6270
10		05-123-15654	27-11C UPRC	Sanford 40N-27C-XR		NOBLE ENERGY INC	04/01/1992	PR	510	600		7002	6455
11		05-123-15655	27-12C UPRC	Sanford 40N-27C-XR		NOBLE ENERGY INC	03/26/1992	PR	512	600		7121	6404
12		05-123-11406	2-8 STRONG	Sanford 26C-27-XR		KP KAUFFMAN COMPANY INC	10/11/1983	PR	316	900		6906	5835
13	x	05-123-18692	28-11H6 WIEST	Sanford 40N-27C-XR		NOBLE ENERGY INC	10/24/1994	PR	415	600		7005	
14	x	05-123-14201	28-12 ZION PM J	Sanford 40N-27C-XR		NOBLE ENERGY INC	03/07/1989	PR	325	600		7036	
15	x	05-123-26527	28-17 WIEDEMAN J	Sanford 41N-27C-XR		NOBLE ENERGY INC	10/17/2009	PR	436	900		7072	1246
16		05-123-18029	28-1H6 WIEDEMAN	Sanford 1C-27-XR		NOBLE ENERGY INC	03/02/1994	PR	491	900		7000	6204
17		05-123-18029	28-1H6 WIEDEMAN	Sanford 1N-27B-XR		NOBLE ENERGY INC	03/02/1994	PR	491	900		7000	6204
18	x	05-123-26348	28-23 MOSSBERG J	Sanford 40N-27C-XR		NOBLE ENERGY INC	10/07/2007	PR	725	600		6942	1416
19		05-123-26341	28-25 WIEST J	Sanford 40N-27C-XR		NOBLE ENERGY INC	10/31/2007	PR	528	600		7000	1687
20		05-123-18373	28-3H6 IGO	Sanford 1N-27A-XR		NOBLE ENERGY INC	10/28/1994	PR	406	900		7099	3850
21		05-123-18373	28-3H6 IGO	Sanford 1C-27-XR		NOBLE ENERGY INC	10/28/1994	PR	406	900		7099	3850
22		05-123-13988	28-4 COLTRANE-PM J	Sanford 1C-27-XR		NOBLE ENERGY INC	09/22/1988	PR	303	900		6985	6692
23		05-123-13988	28-4 COLTRANE-PM J	Sanford 1N-27B-XR		NOBLE ENERGY INC	09/22/1988	PR	303	900		6985	6692
24	x	05-123-13967	28-9 MOSSBERG PM J	Sanford 40N-27C-XR		NOBLE ENERGY INC	06/30/1988	PR	315	600		6918	
25		05-123-18650	29-1H6 UPV	Sanford 1N-27B-XR		NOBLE ENERGY INC	10/29/1994	PR	423	900		7011	3970
26		05-123-18650	29-1H6 UPV	Sanford 1C-27-XR		NOBLE ENERGY INC	10/29/1994	PR	423	900		7011	3970
27		05-123-18651	29-2H6 UPV	Sanford 1N-27A-XR		NOBLE ENERGY INC	11/11/1994	PR	408	900		7014	4504
28		05-123-18651	29-2H6 UPV	Sanford 1C-27-XR		NOBLE ENERGY INC	11/11/1994	PR	408	900		7014	4504
29		05-123-18651	29-2H6 UPV	Sanford 1N-27C-XR		NOBLE ENERGY INC	11/11/1994	PR	408	900		7014	4504
30		05-123-17937	29-3H6 KAMMERZELL	Sanford 1N-27A-XR		NOBLE ENERGY INC	02/21/1994	SI	527	900		7041	6500
31		05-123-17938	29-4H6 KAMMERZELL	Sanford 8N-27B-XR		EXTRACTION OIL & GAS INC	02/20/1994	PR	492	900		7084	6440
32		05-123-17940	29-6H6 KAMMERZELL	Sanford 8N-27B-XR		NOBLE ENERGY INC	02/23/1994	SI	527	900		7030	4110

33		05-123-16443	29-7C UPRC	Sanford 8N-27B-XR		NOBLE ENERGY INC	12/18/1992	TA	524	900		7023	
34		05-123-16443	29-7C UPRC	Sanford 8N-27C-XR		NOBLE ENERGY INC	12/18/1992	TA	524	900		7023	
35		05-123-16442	29-8C UPRC	Sanford 8N-27C-XR		NOBLE ENERGY INC	12/30/1992	PR	510	900		6991	6527
36		05-123-11661	3-15 STRONG	Sanford 26C-27-XR		KP KAUFFMAN COMPANY INC	02/09/1984	PR	304	900		6884	6180
37	x	05-123-16834	9-29 HSR-MILLARD	Sanford 40N-27C-XR		NOBLE ENERGY INC	03/08/1993	PR	675	600		7045	6171
38	x	05-123-29137	BENSLER J 29-17D	Sanford 41N-27C-XR		NOBLE ENERGY INC	09/27/2009	PR	489	900		7115	930
39	x	05-123-29137	BENSLER J 29-17D	Sanford 8C-27-XR		NOBLE ENERGY INC	09/27/2009	PR	489	900		7115	930
40	x	05-123-29139	BENSLER J 29-18D	Sanford 41N-27C-XR		NOBLE ENERGY INC	09/21/2009	PR	517	900		7121	190
41	x	05-123-29139	BENSLER J 29-18D	Sanford 41N-27B-XR		NOBLE ENERGY INC	09/21/2009	PR	517	900		7121	190
42	x	05-123-29136	BENSLER J 29-21D	Sanford 40N-27B-XR		NOBLE ENERGY INC	09/26/2009	PR	488	900		7486	1310
43	x	05-123-29138	BENSLER J 29-27D	Sanford 26C-27-XR		NOBLE ENERGY INC	09/28/2009	PR	484	900		7101	860
44	x	05-123-29138	BENSLER J 29-27D	Sanford 26N-27A-XR		NOBLE ENERGY INC	09/28/2009	PR	484	900		7101	860
45		05-123-23203	GRACIE J 27-19	Sanford 41N-27B-XR		PATINA OIL & GAS CORPORATION	11/06/2005	DA	450	900		0	0
46	x	05-123-23404	GRACIE J 27-19X	Sanford 41N-27B-XR		NOBLE ENERGY INC	11/11/2005	PR	411	900		7326	
47	x	05-123-23404	GRACIE J 27-19X	Sanford 1N-27C-XR		NOBLE ENERGY INC	11/11/2005	PR	411	900		7326	
48		05-123-19141	HSR-WIEDEMAN 16-20	Sanford 26C-27-XR		NOBLE ENERGY INC	04/06/1996	PR	415	900		7002	5518
49	x	05-123-30887	IGO FARMS J 28-19D	Sanford 41N-27C-XR		NOBLE ENERGY INC	12/22/2010	PR	612	900		7006	1354
50	x	05-123-30889	IGO FARMS J 28-20D	Sanford 40N-27C-XR		NOBLE ENERGY INC	12/28/2010	PR	620	900		7154	1000
51	x	05-123-30895	IGO FARMS J 28-31D	Sanford 41N-27B-XR		NOBLE ENERGY INC	01/09/2011	PR	616	900		7106	1759
52	x	05-123-30895	IGO FARMS J 28-31D	Sanford 1N-27C-XR		NOBLE ENERGY INC	01/09/2011	PR	616	900		7106	1759
53	x	05-123-30891	IGO FARMS J 28-32D	Sanford 40N-27C-XR		NOBLE ENERGY INC	01/03/2011	PR	619	900		7202	3011
54		05-123-15600	J27-10 SHAFTO	Sanford 40N-27C-XR		NOBLE ENERGY INC	04/03/1992	PR	321	600		6922	6500
55		05-123-14002	J28-2 WIEDEMAN-PM	Sanford 1C-27-XR		NOBLE ENERGY INC	07/23/1988	PR	339	900		6992	6743
56		05-123-14002	J28-2 WIEDEMAN-PM	Sanford 1N-27A-XR		NOBLE ENERGY INC	07/23/1988	PR	339	900		6992	6743
57		05-123-13989	J28-5 COLTRANE-PM	Sanford 8C-27-XR		NOBLE ENERGY INC	09/28/1988	PR	330	900		7001	
58	x	05-123-26537	KAMMERZELL J 29-19	Sanford 41N-27C-XR		NOBLE ENERGY INC	11/20/2007	SI	935	900		7096	1733
59	x	05-123-15599	SHAFTO J27-9	Sanford 40N-27C-XR		NOBLE ENERGY INC	04/21/1992	PA	325	600		6911	6430
60		05-123-17538	UPRC 27-3C	Sanford 26N-27C-XR		NOBLE ENERGY INC	10/29/1993	PR	511	900		7888	6108
61		05-123-17538	UPRC 27-3C	Sanford 1N-27B-XR		NOBLE ENERGY INC	10/29/1993	PR	511	900		7888	6108
62		05-123-17594	UPRC 27-4C	Sanford 1N-27A-XR		NOBLE ENERGY INC	11/21/1993	PR	509	900		7650	6078
63		05-123-17594	UPRC 27-4C	Sanford 1N-27C-XR		NOBLE ENERGY INC	11/21/1993	PR	509	900		7650	6078
64		05-123-17595	UPRC 27-5C	Sanford 8N-27B-XR		NOBLE ENERGY INC	11/11/1993	TA	499	900		7223	6376
65		05-123-17595	UPRC 27-5C	Sanford 8N-27C-XR		NOBLE ENERGY INC	11/11/1993	TA	499	900		7223	6376
66	x	05-123-18476	UPV 27-1H6	Sanford 26N-27C-XR		NOBLE ENERGY INC	08/26/1994	PA	470	900		7385	4136
67	x	05-123-18477	UPV 27-2H6	Sanford 1C-27-XR		NOBLE ENERGY INC	10/08/1994	PR	511	900		7472	5042
68	x	05-123-18477	UPV 27-2H6	Sanford 1N-27A-XR		NOBLE ENERGY INC	10/08/1994	PR	511	900		7472	5042

69	x	05-123-18473	UPV 27-7H6	Sanford 8N-27B-XR		NOBLE ENERGY INC	10/20/1994	PR	464	900		7186	4656
70	x	05-123-18474	UPV 27-8H6	Sanford 8C-27-XR		NOBLE ENERGY INC	08/18/1994	PA	471	900		7196	6104
71		05-123-17936	WIEDEMAN 21-15H6	Sanford 26C-27-XR		NOBLE ENERGY INC	02/08/1994	PR	448	900		6987	6463
72	x	05-123-29472	WIEDEMAN J 28-18D	Sanford 41N-27B-XR		NOBLE ENERGY INC	10/21/2009	PR	443	900		7169	1340
73	x	05-123-29473	WIEDEMAN J 28-21D	Sanford 40N-27C-XR		NOBLE ENERGY INC	10/24/2009	PR	429	900		7351	1430
74	x	05-123-29474	WIEDEMAN J 28-22D	Sanford 40N-27B-XR		NOBLE ENERGY INC	10/30/2009	PR	430	900		7081	460
75		05-123-14003	WIEDEMAN-PM J28-7	Sanford 8N-27B-XR		NOBLE ENERGY INC	07/15/1988	PR	321	900		6977	
76	x	05-123-35088	WIEST J 28-65-1HN	Sanford 40N-27C-XR		NOBLE ENERGY INC	10/13/2012	PR	796	600		7200	700
77	x	05-123-41479	Evans 30N-14B-XR	Sanford 8N-27B-XR		SRC ENERGY INC	07/14/2016	PR	1700	900		7458	389
78	x	05-123-41468	Evans 4N-14C-XR	Sanford 1N-27B-XR		SRC ENERGY INC	07/13/2016	PR	1700	900		7298	0
79	x	05-123-41474	Evans 4C-14-XR	Sanford 41N-27C-XR		SRC ENERGY INC	07/12/2016	PR	1700	900		7223	0
80	x	05-123-41460	Evans 4N-14A-XR	Sanford 8C-27-XR		SRC ENERGY INC	07/11/2016	PR	1700	900		7395	0
81		05-123-16440	21-13H6 UPRC	Sanford 26C-27-XR		NOBLE ENERGY INC	11/01/1994	PA	418	900		6977	4188
82		05-123-16441	21-14H6 UPRC	Sanford 26C-27-XR		NOBLE ENERGY INC	11/19/1994	PA	430	900		6942	4250
83	x	05-123-14787	4 WIEDEMAN	Sanford 8C-27-XR		SRC ENERGY INC	10/13/1990	PA	307	900		6880	6408
84	x	05-123-11726	J26-4 WIEDEMAN	Sanford 1N-27B-XR		SRC ENERGY INC	04/10/1984	PA	333	900		6909	6098
85	x	05-123-12505	A-28 MOSSBERG	Sanford 40N-27C-XR		NOBLE ENERGY INC	09/14/1985	PA	325	600		6945	6418
86	x	05-123-24781	16-22-20 IFA	Sanford 26C-27-XR		KP KAUFFMAN COMPANY INC							
87	x	05-123-26335	16-22-38 IFA	Sanford 26C-27-XR		KP KAUFFMAN COMPANY INC							

Total Wells: 87

Meets Standard(STD): 42

Needs Evaluation: 45