

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		05-123-17189	A.J. GOLD 22-13	SANFORD J29-680	1466	NOBLE ENERGY INC	07/21/1993	PR	507	900		6891	6270
2	x	05-123-29137	BENSLER J 29-17D	SANFORD J29-675	0	NOBLE ENERGY INC	09/27/2009	PR	489	900		7115	930
3	x	05-123-29139	BENSLER J 29-18D	SANFORD J29-675	0	NOBLE ENERGY INC	09/21/2009	PR	517	900		7121	190
4	x	05-123-29136	BENSLER J 29-21D	SANFORD J29-675	0	NOBLE ENERGY INC	09/26/2009	PR	488	900		7486	1310
5	x	05-123-29138	BENSLER J 29-27D	SANFORD J29-675	153	NOBLE ENERGY INC	09/28/2009	PR	484	900		7101	860
6		05-123-16856	BOOTH 25-11	SANFORD J30-675	876	NOBLE ENERGY INC	12/02/1993	PR	484	900		7247	6727
7		05-123-10686	CALVIN 1	SANFORD J29-680	1243	NOBLE ENERGY INC	05/19/1982	PR	378	900		6952	6570
8		05-123-12504	COLTRANE-IGO 1	SANFORD J29-675	977	NOBLE ENERGY INC	09/06/1985	PR	322	900		6985	
9		05-123-13988	COLTRANE-PM J 28-4	SANFORD J29-675	323	NOBLE ENERGY INC	09/22/1988	PR	303	900		6985	6692
10	x	05-123-13989	COLTRANE-PM J28-5	SANFORD J29-675	694	NOBLE ENERGY INC	09/28/1988	PR	330	900		7001	
11	x	05-123-41479	Evans 30N-14B-XR	SANFORD J29-675	1032	SYNERGY RESOURCES CORPORATION		DG		900			
12	x	05-123-41468	Evans 4N-14C-XR	SANFORD J29-675	1278	SYNERGY RESOURCES CORPORATION		DG		900			
13		05-123-10726	GOLD 1	SANFORD J29-680	1317	NOBLE ENERGY INC	06/12/1982	PR	346	900		6910	6654
14		05-123-23203	GRACIE J 27-19	SANFORD J29-675	292	PATINA OIL & GAS CORPORATION	11/06/2005	DA	450	900			
15		05-123-23404	GRACIE J 27-19X	SANFORD J29-675	204	NOBLE ENERGY INC	11/11/2005	PR	411	900		7326	
16		05-123-11105	HOMYAK 1	SANFORD J30-675	301	MONAGO OPERATING INC	03/30/1983	PR	292	900		7131	
17		05-123-11859	HOMYAK 2	SANFORD J30-675	1011	MONAHAN GAS & OIL INC	06/18/1984	PR	422	900		7095	
18		05-123-19139	HSR-WIEDEMAN 14-20	SANFORD J29-675	1317	NOBLE ENERGY INC	04/06/1996	PR	415	900		7044	6500
19		05-123-19140	HSR-WIEDEMAN 15-20	SANFORD J29-680	1327	NOBLE ENERGY INC	04/08/1996	PR	414	900		7049	6400
20		05-123-19141	HSR-WIEDEMAN 16-20	SANFORD J29-680	1410	NOBLE ENERGY INC	04/06/1996	PR	415	900		7002	5518
21	x	05-123-24781	IFA #16-22-20	SANFORD J29-680	1338	K P KAUFFMAN COMPANY INC		XX		900			
22	x	05-123-26335	IFA #16-22-38	SANFORD J29-675	1117	K P KAUFFMAN COMPANY INC		XX		900			
23		05-123-18373	IGO 28-3H6	SANFORD J29-675	136	NOBLE ENERGY INC	10/28/1994	PR	406	900		7099	3850
24	x	05-123-30887	IGO FARMS J 28-19D	SANFORD J29-675	426	NOBLE ENERGY INC	12/22/2010	PR	612	900		7006	1354
25	x	05-123-30889	IGO FARMS J 28-20D	SANFORD J29-675	450	NOBLE ENERGY INC	12/28/2010	PR	620	900		7154	1000
26	x	05-123-30895	IGO FARMS J 28-31D	SANFORD J29-675	136	NOBLE ENERGY INC	01/09/2011	PR	616	900		7106	1759
27	x	05-123-30891	IGO FARMS J 28-32D	SANFORD J29-675	450	NOBLE ENERGY INC	01/03/2011	PR	619	900		7202	3011
28		05-123-17937	KAMMERZELL 29-3H6	SANFORD J29-675	184	NOBLE ENERGY INC	02/21/1994	PR	527	900		7041	6500

29		05-123-17938	KAMMERZELL 29-4H6	SANFORD J29-675	1192	MONAHAN GAS & OIL INC	02/20/1994	PR	492	900		7084	6440
30		05-123-17939	KAMMERZELL 29-5	SANFORD J29-675	1285	MONAHAN GAS & OIL INC	02/18/1994	PR	526	900		7069	6436
31		05-123-17940	KAMMERZELL 29-6H6	SANFORD J29-675	877	NOBLE ENERGY INC	02/23/1994	PR	527	900		7030	4110
32	x	05-123-26537	KAMMERZELL J 29-19	SANFORD J29-675	990	NOBLE ENERGY INC	11/20/2007	PR	935	900		7096	1733
33		05-123-22720	KORI J 19-13	SANFORD J30-675	1459	NOBLE ENERGY INC	12/23/2005	PR	543	900		7201	2629
34		05-123-22719	KORI J 19-14	SANFORD J30-680	1466	NOBLE ENERGY INC	12/23/2005	PR	532	900		7160	6740
35		05-123-16363	KORI J 19-15	SANFORD J30-680	1306	NOBLE ENERGY INC	10/25/1994	PR	342	900		7167	
36		05-123-17999	KORI J 19-16	SANFORD J30-680	1339	NOBLE ENERGY INC	10/31/1994	PR	342	900		7163	6716
37		05-123-22722	KORI J 19-23	SANFORD J30-690	1191	NOBLE ENERGY INC	12/11/2005	PR	536	900		7172	692
38		05-123-23230	KORI J 19-25	SANFORD J30-690	1319	NOBLE ENERGY INC	12/18/2005	PR	538	900		7192	1640
39		05-123-22759	LUNDVALL 11-20	SANFORD J29-690	1235	NOBLE ENERGY INC	06/06/2005	PR	763	900		2722	7280
40		05-123-22760	LUNDVALL 12-20	SANFORD J29-690	1264	NOBLE ENERGY INC	05/26/2005	PR	776	900		3039	7279
41		05-123-10751	LUNDVALL 3	SANFORD J30-675	969	NOBLE ENERGY INC	06/02/1982	PR	250	900		7118	6039
42		05-123-10761	LUNDVALL 4	SANFORD J30-675	337	NOBLE ENERGY INC	06/10/1982	PR	253	900		7157	6093
43	x	05-123-26533	LUNDVALL J 30-19	SANFORD J30-675	0	NOBLE ENERGY INC	11/11/2007	PR	988	900		7264	1504
44		05-123-21127	NYC N 24-16	SANFORD J30-685	1254	NOBLE ENERGY INC	10/21/2002	PR	444	900		7201	6860
45		05-123-23352	STEVE J 30-4J	SANFORD J30-675	0	NOBLE ENERGY INC	12/02/2005	PR	538	900		7396	6670
46		05-123-23353	STEVE J 30-6	SANFORD J30-675	910	NOBLE ENERGY INC	11/23/2005	PR	542	900		7434	6769
47		05-123-11406	STRONG 2-8	SANFORD J29-680	1295	K P KAUFFMAN COMPANY INC	10/11/1983	PR	316	900		6906	5835
48		05-123-11661	STRONG 3-15	SANFORD J29-680	1355	K P KAUFFMAN COMPANY INC	02/09/1984	PR	304	900		6884	6180
49		05-123-26676	TUSCANY 22-33 -A2	SANFORD J29-690	1324	K P KAUFFMAN COMPANY INC		XX		900			
50		05-123-16440	UPRC 21-13H6	SANFORD J29-675	1469	NOBLE ENERGY INC	11/01/1994	PR	418	900		6977	4188
51		05-123-16441	UPRC 21-14H6	SANFORD J29-680	1412	NOBLE ENERGY INC	11/19/1994	PR	430	900		6942	4250
52		05-123-17538	UPRC 27-3C	SANFORD J29-675	0	NOBLE ENERGY INC	10/29/1993	PR	511	900		7888	6108
53		05-123-17594	UPRC 27-4C	SANFORD J29-675	0	NOBLE ENERGY INC	11/21/1993	PR	509	900		7650	6078
54		05-123-17595	UPRC 27-5C	SANFORD J29-675	1042	NOBLE ENERGY INC	11/11/1993	PR	499	900		7223	6376
55		05-123-17488	UPRC 27-6C	SANFORD J29-675	1222	NOBLE ENERGY INC	10/21/1993	PA	550	900		7454	5103
56		05-123-16443	UPRC 29-7C	SANFORD J29-675	984	NOBLE ENERGY INC	12/18/1992	PR	524	900		7023	
57		05-123-16442	UPRC 29-8C	SANFORD J29-675	1174	NOBLE ENERGY INC	12/30/1992	PR	510	900		6991	6527
58	x	05-123-09638	UPRR 61 PAN AM C 1	SANFORD J30-680	1292	AMOCO PRODUCTION CO.		PA		900			
59	x	05-123-18476	UPV 27-1H6	SANFORD J29-675	0	NOBLE ENERGY INC	08/26/1994	PA	470	900		7385	4136
60	x	05-123-18477	UPV 27-2H6	SANFORD J29-675	0	NOBLE ENERGY INC	10/08/1994	PR	511	900		7472	5042
61	x	05-123-18473	UPV 27-7H6	SANFORD J29-675	979	NOBLE ENERGY INC	10/20/1994	PR	464	900		7186	4656
62	x	05-123-18474	UPV 27-8H6	SANFORD J29-675	959	NOBLE ENERGY INC	08/18/1994	PA	471	900		7196	6104
63		05-123-18650	UPV 29-1H6	SANFORD J29-675	387	NOBLE ENERGY INC	10/29/1994	PR	423	900		7011	3970
64		05-123-18651	UPV 29-2H6	SANFORD J29-675	117	NOBLE ENERGY INC	11/11/1994	PR	408	900		7014	4504

65	x	05-123-11895	WIEDEMAN 1	SANFORD J29-675	982	NOBLE ENERGY INC	07/29/1984	PR	515	900		6994	6736
66		05-123-22699	WIEDEMAN 20-20	SANFORD J29-690	1441	NOBLE ENERGY INC	05/21/2005	PA	766	900		7087	6398
67		05-123-17936	WIEDEMAN 21-15H6	SANFORD J29-680	1227	NOBLE ENERGY INC	02/08/1994	PR	448	900		6987	6463
68		05-123-18029	WIEDEMAN 28-1H6	SANFORD J29-675	337	NOBLE ENERGY INC	03/02/1994	PR	491	900		7000	6204
69		05-123-14787	WIEDEMAN 4	SANFORD J29-675	1407	SYNERGY RESOURCES CORPORATION	10/13/1990	PR	307	900		6880	6408
70	x	05-123-26527	WIEDEMAN J 28-17	SANFORD J29-675	414	NOBLE ENERGY INC	10/17/2009	PR	436	900		7072	1246
71	x	05-123-29472	WIEDEMAN J 28-18D	SANFORD J29-675	302	NOBLE ENERGY INC	10/21/2009	PR	443	900		7169	1340
72	x	05-123-29473	WIEDEMAN J 28-21D	SANFORD J29-675	464	NOBLE ENERGY INC	10/24/2009	PR	429	900		7351	1430
73	x	05-123-29474	WIEDEMAN J 28-22D	SANFORD J29-675	490	NOBLE ENERGY INC	10/30/2009	PR	430	900		7081	460
74		05-123-11726	WIEDEMAN J26-4	SANFORD J29-675	1223	SYNERGY RESOURCES CORPORATION	04/10/1984	PR	333	900		6909	6098
75		05-123-10815	WIEDEMAN R J 20-13	SANFORD J29-690	1288	NOBLE ENERGY INC	10/19/1982	PA	297	900		7193	6680
76		05-123-14002	WIEDEMAN-PM J28-2	SANFORD J29-675	200	NOBLE ENERGY INC	07/23/1988	PR	339	900		6992	6743
77	x	05-123-14003	WIEDEMAN-PM J28-7	SANFORD J29-675	873	NOBLE ENERGY INC	07/15/1988	PR	321	900		6977	

Total Wells: 77

Meets Standard(STD): 26

Needs Evaluation: 51