

## 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	05-123-11101	HOSHIKO 2	RED CLOUD 0N		NOBLE ENERGY INC	03/14/1983	PR	335	250		6586	
2		05-123-11633	ROTHE 1	RED CLOUD 10N		NOBLE ENERGY INC	01/20/1984	PR	442	400		6440	5620
3		05-123-12223	MCDERMED 2-1	RED CLOUD 3N		NOBLE ENERGY INC	12/28/1984	SI	311	400		6392	5557
4		05-123-12236	MCDERMED 1-1	RED CLOUD 3N		PDC ENERGY INC	01/29/1985	SI	307	400		6477	
5		05-123-12239	FEIT 1	RED CLOUD 3N		NOBLE ENERGY INC	01/10/1985	PR	436	400		6420	5620
6		05-123-12240	REIN 1	RED CLOUD 7N		NOBLE ENERGY INC	01/16/1985	PR	436	400		6370	5520
7	x	05-123-12513	BRANCH 1-3	RED CLOUD 3N		NOBLE ENERGY INC	07/02/1985	PR	315	250		6506	5960
8		05-123-12523	KAISER 8-3	RED CLOUD 8N		BONANZA CREEK ENERGY OPERATING COMPANY LLC	07/08/1985	SI	311	272		6526	5890
9	x	05-123-12560	FHA 10-1	RED CLOUD 10N		PDC ENERGY INC	09/14/1985	PA	320	400		6380	5920
10	x	05-123-12585	ROTHE 4-6	RED CLOUD 0N		NOBLE ENERGY INC	05/08/1986	PR	325	170		6406	5816
11		05-123-12586	ROTHE 5-6	RED CLOUD 8N		BONANZA CREEK ENERGY OPERATING COMPANY LLC	07/26/1986	SI	302	400		6431	6032
12	x	05-123-12590	ROTHE 1	RED CLOUD 0N		HIGHPOINT OPERATING CORPORATIO N	08/31/1985	SI	314	165		6424	5671
13		05-123-12633	AMIGO 1	RED CLOUD 8N		NOBLE ENERGY INC	10/02/1985	PR	433	400		6398	5540
14		05-123-12634	AMIGO 2	RED CLOUD 8N		NOBLE ENERGY INC	10/02/1985	SI	410	400		6400	5630
15	x	05-123-12636	SHAKLEE 3	RED CLOUD 10N		NOBLE ENERGY INC	10/14/1985	PA	422	250		6485	5761
16	x	05-123-12827	FHA 2-1	RED CLOUD 8N		NOBLE ENERGY INC	01/02/1986	SI	344	250		6484	5966
17	x	05-123-12957	MCFERREN 4-2	RED CLOUD 3N		BONANZA CREEK ENERGY OPERATING COMPANY LLC	09/14/1986	SI	302	250		6582	5990
18	x	05-123-12969	HOSHIKO 1-2	RED CLOUD 2N		PDC ENERGY INC	01/30/1986	PR	313	200		6402	5455
19	x	05-123-12970	HOSHIKO 7-2	RED CLOUD 7N		NOBLE ENERGY INC	09/08/1986	SI	304	250		6449	5682
20		05-123-12978	HAPPY TALK 1	RED CLOUD 10N		NOBLE ENERGY INC	01/31/1986	PR	376	400		6394	5294
21		05-123-13273	HOSHIKO 2-2	RED CLOUD 4N		PDC ENERGY INC	12/28/1986	PR	308	250		6420	5770
22	x	05-123-13344	KISSLER 3-2	RED CLOUD 10N		NOBLE ENERGY INC	03/01/1987	SI	365	269		6604	6285
23	x	05-123-13679	MCFERREN 5-2	RED CLOUD 8N		BONANZA CREEK ENERGY OPERATING COMPANY LLC	11/06/1987	SI	309	250		6624	5972
24	x	05-123-17079	SAND CREEK RANCH CO 2-3	RED CLOUD 3N		NOBLE ENERGY INC	06/08/1993	PA	511	250		6548	6084
25		05-123-17425	REIN 1-8	RED CLOUD 8N		NOBLE ENERGY INC	09/29/1993	PR	413	400		6350	5872
26	x	05-123-17431	BAKER STATE B 36-13	RED CLOUD 0N		NOBLE ENERGY INC	10/11/1993	SI	357	178		6496	5842
27	x	05-123-17432	BAKER STATE B 36-14	RED CLOUD 0N		NOBLE ENERGY INC	09/24/1993	SI	357	170		6424	5660

28	x	05-123-17447	FEIT 1-4	RED CLOUD 2N		NOBLE ENERGY INC	09/30/1993	PR	512	400		6423	5923
29	x	05-123-17473	BOOT HILLS FARMS 2-12	RED CLOUD 10N		NOBLE ENERGY INC	10/16/1993	PA	509	250		6458	5958
30	x	05-123-17530	AMIGO FARMS 1-12	RED CLOUD 10N		NOBLE ENERGY INC	10/28/1993	SI	434	400		6400	5900
31	x	05-123-17623	ROTHE 2-10	RED CLOUD 10N		NOBLE ENERGY INC	12/02/1993	PR	510	400		6504	6004
32	x	05-123-17816	UPRC 35-13A	RED CLOUD 0N		SNYDER OIL CORP		AL					
33	x	05-123-17817	UPRC 35-14A	RED CLOUD 0N		SNYDER OIL CORP		AL					
34	x	05-123-17818	HOSHIKO 35-16H4	RED CLOUD 0N		NOBLE ENERGY INC	07/31/1994	PR	428	209		6498	6090
35	x	05-123-17859	HOSHIKO 2-8	RED CLOUD 8N		SNYDER OIL CORP		AL					
36	x	05-123-19216	ROTHE STATE B 36-15	RED CLOUD 0N		NOBLE ENERGY INC	10/21/1996	PA	360	169		6443	5904
37	x	05-123-19217	ROTHE STATE B 36-16	RED CLOUD 0N		NOBLE ENERGY INC	11/13/1996	PA	360	166		6371	5845
38	x	05-123-20167	HOSHIKO C 2-8	RED CLOUD 8N		NOBLE ENERGY INC	10/14/2001	PA	352	400		6460	6016
39	x	05-123-21180	HOSHIKO B 35-14	RED CLOUD 0N		NOBLE ENERGY INC	12/30/2003	SI	593	250		6476	6034
40	x	05-123-21706	HOSHIKO B 35-23	RED CLOUD 0N		NOBLE ENERGY INC	12/22/2003	SI	404	221		6486	6023
41	x	05-123-21773	ECKHARDT 44-34	RED CLOUD 0N		PDC ENERGY INC	11/10/2003	PR	377	250		6500	0
42	x	05-123-23166	FUEGO C 1-19	RED CLOUD 5N		NOBLE ENERGY INC	08/17/2005	PR	505	400		6484	5950
43	x	05-123-24614	ECKHARDT B 35-33	RED CLOUD 0N		NOBLE ENERGY INC	05/23/2007	SI	534	250		6504	2135
44	x	05-123-24635	ECKHARDT B 35-13	RED CLOUD 0N		NOBLE ENERGY INC	06/03/2007	SI	486	250		6551	2300
45	x	05-123-26306	SAND CREEK RANCH C 2-3X	RED CLOUD 3N		NOBLE ENERGY INC	09/24/2007	PA	645	250		6561	2522
46	x	05-123-26536	CLYNCKE STATE B 36-25	RED CLOUD 0N		NOBLE ENERGY INC	12/14/2007	SI	524	168		6398	1370
47	x	05-123-31174	MARLEY C 01-29	RED CLOUD 1N		NOBLE ENERGY INC		AL					
48	x	05-123-31180	MARLEY C 01-32D	RED CLOUD 10N		NOBLE ENERGY INC		AL					
49	x	05-123-31185	MARLEY C 01-33D	RED CLOUD 10N		NOBLE ENERGY INC	01/09/2012	PR	690	400		6519	1675
50	x	05-123-31223	MARLEY C 01-30D	RED CLOUD 1N		NOBLE ENERGY INC	04/08/2011	PR	574	400		6540	1431
51	x	05-123-31224	MARLEY C 01-31D	RED CLOUD 6N		NOBLE ENERGY INC	04/13/2011	PR	602	400		6633	2076
52	x	05-123-31246	MARLEY C 01-21D	RED CLOUD 8N		NOBLE ENERGY INC		AL					
53	x	05-123-31247	MARLEY C 01-20D	RED CLOUD 8N		NOBLE ENERGY INC		AL					
54	x	05-123-31506	MARLEY C 01-18D	RED CLOUD 6N		NOBLE ENERGY INC	04/17/2011	PR	594	400		6501	1640
55	x	05-123-31508	MARLEY C 01-28D	RED CLOUD 0N		NOBLE ENERGY INC	04/21/2011	PR	577	400		6619	2120
56	x	05-123-31837	MARLEY C01-22D	RED CLOUD 6N		NOBLE ENERGY INC		AL					
57	x	05-123-31839	MARLEY C01-17	RED CLOUD 6N		NOBLE ENERGY INC		AL					
58	x	05-123-34150	PANTHER C 02-23D	RED CLOUD 10N		NOBLE ENERGY INC	03/05/2012	PR	712	400		6541	1900
59	x	05-123-34231	SOONER STATE B 36-63HN	RED CLOUD 0N		NOBLE ENERGY INC	09/27/2011	PR	572	169		6378	1190
60	x	05-123-34675	HOFFMAN C 02-65HN	RED CLOUD 10N		NOBLE ENERGY INC	04/28/2012	PR	695	400		6676	1610
61	x	05-123-34678	HOFFMAN C 02-21D	RED CLOUD 10N		NOBLE ENERGY INC	04/23/2012	PR	706	250		6475	2010
62	x	05-123-34680	HOFFMAN C 02-33D	RED CLOUD 10N		NOBLE ENERGY INC	04/11/2012	PR	711	250		7252	1130
63	x	05-123-34682	HOFFMAN C 02-20D	RED CLOUD 10N		NOBLE ENERGY INC	04/06/2012	PR	702	250		6563	1760
64	x	05-123-34683	HOFFMAN C 02-25D	RED CLOUD 10N		NOBLE ENERGY INC	04/18/2012	PR	702	250		6771	1622

65	x	05-123-39515	SUDEN 34R-203	RED CLOUD 1N		PDC ENERGY INC	12/13/2014	PR	875	250		6620	500
66	x	05-123-39754	SUDEN 34U-403	RED CLOUD 0N		PDC ENERGY INC	01/27/2015	PR	875	250		6581	500
67	x	05-123-39755	SUDEN 34R-323	RED CLOUD 1N		PDC ENERGY INC	11/12/2014	PR	875	250		6581	500
68	x	05-123-39756	SUDEN 34R-423	RED CLOUD 1N		PDC ENERGY INC	12/24/2014	PR	875	250		6581	500
69	x	05-123-39757	SUDEN 34U-243	RED CLOUD 0N		PDC ENERGY INC	01/17/2015	PR	875	250		6581	500
70	x	05-123-45810	LINDSEY 4N	RED CLOUD 10N		PDC ENERGY INC		XX					
71	x	05-123-45811	LINDSEY 5N	RED CLOUD 10N		PDC ENERGY INC		XX					
72	x	05-123-45812	LINDSEY 2N	RED CLOUD 10N		PDC ENERGY INC		XX					
73	x	05-123-45813	LINDSEY 3N	RED CLOUD 10N		PDC ENERGY INC		XX					
74	x	05-123-45815	LINDSEY 1C	RED CLOUD 10N		PDC ENERGY INC		XX					

Total Wells: 74

Meets Standard(STD): 62

Needs Evaluation: 12