

# 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		05-123-05214	WINDER 1-19R	WARD U-20-19HN	133	BROOKS EXPLORATION INC	02/28/1983	PA	600			540	
2		05-123-05215	BOYD 1	WARD M-20-19HN	895	RAYMOND OIL & GAS CO. INC	08/12/1957	DA	219			159	
3		05-123-08610	EMERSON 1	WARD U-20-19HN	59	COLTON & COLTON	01/27/1976	DA	143			83	
4		05-123-10610	HARRINGTON 2-30	WARD X-20-19HN	742	NOBLE ENERGY INC	03/24/1982	PR	195			135	
5		05-123-11154	WARD ENGLISH 42-20	WARD M-20-19HN	830	GREAT WESTERN OPERATING COMPANY LLC	05/02/1983	PR	410			350	
6		05-123-11183	EMERSON FARMS 21-29	WARD X-20-19HN	774	BAYSWATER EXPLORATION AND PRODUCTION LLC	05/25/1983	PR	229			169	
7		05-123-11341	LINDBLAD 22-20	WARD M-20-19HN	923	NOBLE ENERGY INC	10/18/1983	PR	431	4180		371	
8		05-123-11373	POPE 1	WARD U-20-19HN	38	BAYSWATER EXPLORATION AND PRODUCTION LLC	09/09/1983	PR	295			235	
9		05-123-11379	HALL 1	WARD M-20-19HN	834	NOBLE ENERGY INC	09/17/1983	PR	300	2827		240	
10		05-123-11445	KLAUS 1	WARD V-20-19HN	70	NOBLE ENERGY INC	10/24/1983	PR	322	5020		262	
11		05-123-11734	EMERSON FARMS 14-20	WARD U-20-19HN	99	BAYSWATER EXPLORATION AND PRODUCTION LLC	03/21/1984	PR	231			171	
12		05-123-11846	DORIS 1	WARD M-20-19HN	1076	BAYSWATER EXPLORATION AND PRODUCTION LLC	06/02/1984	PR	340			280	
13		05-123-12235	SWANSON 34-20	WARD U-20-19HN	62	BAYSWATER EXPLORATION AND PRODUCTION LLC	10/02/1984	PR	1504			1444	
14		05-123-12534	WINDER 2-19	WARD M-20-19HN	791	NOBLE ENERGY INC	08/21/1985	PR	612	5193		552	
15		05-123-13140	NORTH POUDRE 1	WARD X-20-19HN	775	BLUE CHIP OIL INC	08/22/1986	PR	302			242	
16		05-123-13268	MILLER 1	WARD X-20-19HN	718	BLUE CHIP OIL INC	12/02/1986	PA	300			240	
17		05-123-13536	SLOAN 1	WARD X-20-19HN	1390	BLUE CHIP OIL INC	09/24/1987	PR	320			260	
18		05-123-19251	SWANSON 28-22	WARD X-20-19HN	1279	NOBLE ENERGY INC	04/25/2005	PR	369			309	
19		05-123-19252	SWANSON 29-11	WARD X-20-19HN	716	NOBLE ENERGY INC	12/07/1996	PR	366			306	
20		05-123-22068	BROWN 20-13	WARD M-20-19HN	662	NOBLE ENERGY INC	04/27/2004	PR	399	5280		339	
21		05-123-22385	THAYER 19-31	WARD P-20-19HN	163	NOBLE ENERGY INC	10/19/2004	PR	660			600	
22		05-123-22384	THAYER 19-34	WARD T-20-19HC	96	NOBLE ENERGY INC	10/12/2004	PR	540			480	
23		05-123-22381	WILKINSON 19-24	WARD M-20-19HN	1016	NOBLE ENERGY INC	12/17/2004	PR	651			591	
24		05-123-22796	LINDBLAD 20-23	WARD M-20-19HN	882	NOBLE ENERGY INC	06/30/2005	PR	660			600	
25		05-123-23115	KLAUS I 19-12	WARD O-20-19HN	130	NOBLE ENERGY INC	09/25/2005	PR	550			490	
26		05-123-22880	TIGGES 19-13	WARD M-20-19HN	842	NOBLE ENERGY INC	04/27/2005	PR	628	3055		568	

27		05-123-23922	DESHAZO 24-41	WARD P-20-19HN	1047	NOBLE ENERGY INC	12/03/2006	PR	626			566	
28		05-123-23921	DESHAZO 24-44	WARD U-20-19HN	1038	NOBLE ENERGY INC	12/14/2006	PR	572			512	
29		05-123-23920	DESHAZO 24-14	WARD M-20-19HN	1405	NOBLE ENERGY INC	06/16/2006	PR	698			638	
30		05-123-24964	GOETZEL 20-34	WARD T-20-19HC	99	NOBLE ENERGY INC	12/10/2007	PR	414			354	
31	x	05-123-24963	GOETZEL 20-31	WARD P-20-19HN	11	NOBLE ENERGY INC	10/27/2008	PR	684			624	
32		05-123-25273	FIRESTEIN 30-15	WARD X-20-19HN	1047	NOBLE ENERGY INC		AL					
33		05-123-25979	FIRESTEIN 30-12	WARD X-20-19HN	967	NOBLE ENERGY INC	09/06/2007	PR	445			385	
34		05-123-26317	GOETZEL I 29-2	WARD X-20-19HN	605	NOBLE ENERGY INC	11/14/2007	PR	645			585	
35		05-123-26421	COUNTRY 1 29-4	WARD X-20-19HN	777	NOBLE ENERGY INC	11/06/2007	PR	522			462	
36		05-123-29610	THAYER 19-35	WARD S-20-19HN	54	NOBLE ENERGY INC		AL					
37		05-123-29800	FIRESTIEN 30-2-23	WARD X-20-19HN	1460	NOBLE ENERGY INC		AL					
38	x	05-123-33273	FRITZLER 0-2-21	WARD M-20-19HN	1481	GREAT WESTERN OPERATING COMPANY LLC	06/15/2011	PR	713			653	
39	x	05-123-33823	NORTH POUDRE 2-30	WARD X-20-19HN	802	BLUE CHIP OIL INC	09/21/2011	PR	489			429	
40		05-123-34292	BRACEWELL PC I30-22D	WARD X-20-19HN	1433	NOBLE ENERGY INC		AL					
41		05-123-34294	BRACEWELL PC I30-19D	WARD X-20-19HN	1367	NOBLE ENERGY INC		AL					
42		05-123-34295	BRACEWELL PC I30-28D	WARD X-20-19HN	1298	NOBLE ENERGY INC		AL					
43		05-123-34296	BRACEWELL PC I30-06D	WARD X-20-19HN	1413	NOBLE ENERGY INC		AL					
44		05-123-34297	BRACEWELL PC I30-29D	WARD X-20-19HN	1321	NOBLE ENERGY INC		AL					
45		05-123-34301	BRACEWELL PC I30-20D	WARD X-20-19HN	1456	NOBLE ENERGY INC		AL					
46		05-123-34304	BRACEWELL PC I30-17D	WARD X-20-19HN	1341	NOBLE ENERGY INC		AL					
47		05-123-34305	BRACEWELL PC I30-21D	WARD X-20-19HN	1479	NOBLE ENERGY INC		AL					
48		05-123-34316	BRACEWELL PC I30-18	WARD X-20-19HN	1390	NOBLE ENERGY INC		AL					
49	x	05-123-35051	HOOD 20-42-12	WARD M-20-19HN	170	GREAT WESTERN OPERATING COMPANY LLC	04/03/2012	PR	732			672	
50	x	05-123-35052	HOOD 20-42-11	WARD M-20-19HN	459	GREAT WESTERN OPERATING COMPANY LLC	04/09/2012	PR	690			630	
51	x	05-123-35234	FRITZLER 21-22-14	WARD M-20-19HN	1494	GREAT WESTERN OPERATING COMPANY LLC	03/30/2012	PR	732			672	
52		05-123-39386	KODIAK NORTH FD 25-039HN	WARD X-20-19HN	1151	GREAT WESTERN OPERATING COMPANY LLC		XX	1025			965	
53		05-123-39388	KODIAK NORTH FD 25-039HC	WARD X-20-19HN	1054	GREAT WESTERN OPERATING COMPANY LLC		XX	1025			965	
54	x	05-123-40865	BURR FD 23-222HN	WARD P-20-19HN	470	GREAT WESTERN OPERATING COMPANY LLC	11/01/2015	DG	1250			1190	
55	x	05-123-40872	BURR FD 23-379HN	WARD V-20-19HN	474	GREAT WESTERN OPERATING COMPANY LLC	10/28/2015	DG	1400			1340	
56	x	05-123-40876	BURR FD 23-259HC	WARD Q-20-19HC	469	GREAT WESTERN OPERATING COMPANY LLC	10/31/2015	DG	1250			1190	

57	x	05-123-40877	BURR FD 23-382HN	WARD X-20-19HN	470	GREAT WESTERN OPERATING COMPANY LLC	10/27/2015	DG	1250			1190	
58	x	05-123-40878	BURR FD 23-299HN	WARD R-20-19HN	489	GREAT WESTERN OPERATING COMPANY LLC	10/30/2015	DG	1250			1190	
59	x	05-123-40883	BURR FD 23-219HN	WARD N-20-19HC	469	GREAT WESTERN OPERATING COMPANY LLC	11/02/2015	DG	1250			1190	
60	x	05-123-41559	BURR FD 23-339HN	WARD U-20-19HN	469	GREAT WESTERN OPERATING COMPANY LLC	10/29/2015	DG	1250			1190	
61	x	05-123-41560	BURR FD 23-339HC	WARD U-20-19HN	475	GREAT WESTERN OPERATING COMPANY LLC	10/28/2015	DG	1250			1190	

Total Wells: 61

Meets Standard(STD): 14

Needs Evaluation: 47