

## 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		05-123-31430	Five Rivers #4-16-18	Front Range #17-1H	1922	K.P. Kauffman		XX					
2		05-123-24782	Five Rivers #16-11-5	Front Range #17-1H	2038	K.P. Kauffman		AL					
3		05-123-31429	Five Rivers #4-16-29	Front Range #17-1H	1899	K.P. Kauffman		XX					
4		05-123-12229	Monfort #1-29	Front Range #17-1H	1889	K.P. Kauffman	12/19/1985	PR	324	80		7276	6350
5		05-123-26401	Fiver Rivers ##4-16-31	Front Range #17-1H	1812	K.P. Kauffman		XX					
6		05-123-38472	Hodgson ##17-1H	Front Range #17-1H	1659	K.P. Kauffman		XX					
7		05-123-10991	Bayswater Exploration	Front Range #17-1H	1477	K.P. Kauffman	05/25/1983	PR	464	80		6941	5652
8		05-123-38471	Hodgson ##17-2H	Front Range #17-1H	1231	K.P. Kauffman		XX					
9		05-123-38474	Hodgson ##17-3H	Front Range #17-1H	1065	K.P. Kauffman		XX					
10		05-123-38473	Hodgson ##17-4H	Front Range #17-1H	922	K.P. Kauffman		XX					
11		05-123-19201	Tiger K #17-02	Front Range #17-1H	1328	Noble Energy	08/23/1986	PR	362	80		7200	6430
12		05-123-34681	Front Range K #17-28D	Front Range #17-1H	1327	Noble Energy		XX					
13		05-123-26256	Pope #3-17-21R	Front Range #17-1H	1592	K.P. Kauffman		XX					
14		05-123-24810	Pope #3-17-29	Front Range #17-1H	1666	K.P. Kauffman		XX					
15		05-123-26203	Pope ##18-17	Front Range #17-1H	1262	K.P. Kauffman		XX					
16		05-123-25175	Hodgson ##4-17-30	Front Range #17-1H	1735	K.P. Kauffman		XX					
17		05-123-11306	Lewis #1-C	Front Range #17-1H	1824	K.P. Kauffman	08/26/1983	XX	363	80		7184	6486
18	x	05-123-12510	Phelps #8-18	Front Range #17-1H	1227	Kerr-Mcgee Oil	07/12/1985	PR	311	80		7198	6220
19		05-123-10990	Front Range #2-17	Front Range #17-1H	296	Nordic Petroleums	04/26/1984	AL					
20	x	05-123-32751	Front Range ##11-17-5	Front Range #17-1H	285	K.P. Kauffman	08/10/2011	PR	713	80		7578	2760
21	x	05-123-32762	Front Range #11-17-7	Front Range #17-1H	269	K.P. Kauffman	07/26/2012	PR	726	80		7560	665
22	x	05-123-32753	Front Range #11-17-17	Front Range #17-1H	416	K.P. Kauffman		XX					
23	x	05-123-32755	Front Range #11-17-8	Front Range #17-1H	153	K.P. Kauffman	07/27/2012	PR	728	80		7950	535
24	x	05-123-32750	Front Range #11-17-24	Front Range #17-1H	155	K.P. Kauffman		XX					
25		05-123-38476	Hodgson #17-5H	Front Range #17-1H	574	K.P. Kauffman		XX					
26		05-123-38475	Hodgson #17-6H	Front Range #17-1H	292	K.P. Kauffman		XX					
27	x	05-123-26513	Western #5-16-32R	Front Range #17-1H	667	K.P. Kauffman		XX					
28	x	05-123-11432	Genesis #1	Front Range #17-1H	767	K.P. Kauffman	10/19/1983	PR	358	80		6902	4660
29		05-123-14046	Weber-PM K #16-06	Front Range #17-1H	2026	Noble Energy	02/07/1989	PR	313	80		6942	
30		05-123-14133	Smits PM K #16-11	Front Range #17-5H	1946	Noble Energy	02/07/1989	PR	314	80		6940	6560
31	x	05-123-18102	Smits #16-1216	Front Range #17-4H	865	Noble Energy	03/31/1994	PR	438	80		6926	4216
32	x	05-123-37807	Schafer #K16-64-1HN	Front Range #17-6H	608	Noble Energy	10/30/2013	DG					
33	x	05-123-23046	Range K #17-9	Front Range #17-6H	150	Noble Energy	08/12/2005	PR	438	80		7032	3836

34	x	05-123-30799	Owens K #17-23D	Front Range #17-6H	150	Noble Energy	03/09/2011	PR	607	80		7362	2540
35	x	05-123-32763	Front Range #11-17=10	Front Range #17-5H	150	K.P. Kauffman	08/11/2011	PR	687	80		7036	3060
36	x	05-123-32757	Front Range #11-17-23	Front Range #17-5H	150	K.P. Kauffman		XX					
37	x	05-123-25791	Front Range #11-17-25R	Front Range #17-3H	151	K.P. Kauffman		XX					
38	x	05-123-25792	Front Range #11-17-11	Front Range #17-4H	160	K.P. Kauffman	07/24/2011	PR	682	80		6930	2591
39	x	05-123-26677	Front Range #12-17-22R	Front Range #17-3H	155	K.P. Kauffman		XX					
40	x	05-123-24811	Front Range #12-17-33	Front Range #17-4H	151	K.P. Kauffman		XX					
41	x	05-123-11329	Lorenz 1-D	Front Range #17-4H	162	K.P. Kauffman	08/20/1983	PR	367	1281		7247	6350
42	x	05-123-10842	Eaton Cattle Co. #1-18	Front Range #17-5H	643	Bayswater Exploration	01/22/1983	PR	429	1281		6885	
43	x	05-123-24780	Eaton Cattle Co. #19-34-5	Front Range #17-5H	1701	K.P. Kauffman		AL					
44	x	05-123-11593	Phelps #1-13	Front Range #17-6H	1241	K.P. Kauffman	01/23/1984	PR	362	1278		7216	6120
45		05-123-38379	Bernhardt #18-8H	Front Range #17-6H	1294	K.P. Kauffman		XX					
46	x	05-123-10669	Johnson #17-1	Front Range #17-6H	701	Noble Energy	10/26/1982	PR	425	1278		7242	5930
47	x	05-123-30637	Knutson K #17-25	Front Range #17-6H	292	Noble Energy	11/03/2009	PR	549	1278		6889	280
48	x	05-123-17027	Richardson #17-14	Front Range #17-6H	909	Noble Energy	06/24/1993	PA	507	1278		6904	6366
49	x	05-123-26609	Richardson K #17-14X	Front Range #17-6H	905	Noble Energy	01/10/2008	PR	476	1278		6906	4210
50	x	05-123-29857	Owens K #20-28	Front Range #17-6H	1255	Noble Energy	03/17/2009	PR	562	1278		6914	3260
51	x	05-123-30799	Owens K #17-23D	Front Range #17-6H	751	Noble Energy	03/09/2011	PR	607	1278		7028	2540
52	x	05-123-29854	Owens K #20-27	Front Range #17-6H	1216	Noble Energy	03/20/2009	PR	559	1278		6914	1652
53	x	05-123-28167	Owens K #21-30D	Front Range #17-6H	614	Noble Energy	11/23/2008	PR	532	1278		7003	200
54	x	05-123-17982	UPRC #17-1616	Front Range #17-6H	531	Noble Energy	03/12/1994	PR	531	1278		6914	6414
55		05-123-38378	Bernhardt #18-7H	Front Range #17-6H	551	K.P. Kauffman		XX					
56		05-123-38377	Bernhardt #18-6H	Front Range #17-6H	217	K.P. Kauffman		XX					
57		05-123-11994	Smits #16-1	Front Range #17-6H	1190	Noble Energy	10/23/1984	PR	432	1278		6915	6590
58		05-123-28123	Haren K #21-29	Front Range #17-6H	1864	Noble Energy	04/02/2009	PR	561	1278		6969	1123

Total Wells: 58

Meets Standard(STD): 31

Needs Evaluation: 27