

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		05-123-19781	7-16A HSR- DEEP PURPLE	COWBOY 21 -2HZ	1	KERR MCGEE OIL & GAS ONSHORE LP	07/06/1999	SI	774	516		7301	4140
2	x	05-123-07794	1 ELKHORN CO	COWBOY 21 -3HZ	7	KERR MCGEE OIL & GAS ONSHORE LP	08/30/1973	PA	658	516		7320	6665
3		05-123-09490	8 ELKHORN COMPANY B	COWBOY 21 -2HZ	19	K P KAUFFMAN COMPANY INC	05/13/1978	PR	659	516		4510	0
4		05-123-09317	5 STANLEY	COWBOY 21 -2HZ	30	GERRITY OIL & GAS CORP	10/18/1977	PA	456	516		4537	0
5		05-123-07286	1 UNIT A	COWBOY 21 -6HZ	64	KERR MCGEE OIL & GAS ONSHORE LP	04/15/1971	PA	422	516		7285	6554
6		05-123-08212	4 STANLEY	COWBOY 21 -6HZ	75	GERRITY OIL & GAS CORP	11/17/1974	PA	475	516		4572	0
7		05-123-09000	8 STANLEY	COWBOY 21 -6HZ	87	GERRITY OIL & GAS CORP	10/26/1976	PA	480	516		5065	0
8		05-123-19873	42-9 SPRAGUE	COWBOY 21 -7HZ	90	CRESTONE PEAK RESOURCES OPERATING LLC	12/30/1999	PR	490	516		7260	5260
9		05-123-20026	1-16A HSR- PARKER	COWBOY 21 -7HZ	93	KERR MCGEE OIL & GAS ONSHORE LP	09/20/2000	SI	575	516		7315	4230
10		05-123-09491	9 ELKHORN COMPANY B	COWBOY 21 -7HZ	100	K P KAUFFMAN COMPANY INC	05/17/1978	PR	675	516		4526	0
11		05-123-15403	3-9 SPRAGUE	COWBOY 21 -6HZ	107	CRESTONE PEAK RESOURCES OPERATING LLC	12/09/1991	PR	500	516	x	7270	0
12		05-123-45051	Leonard 1C	COWBOY 21 -7HZ	107	EXTRACTION OIL & GAS INC		XX		516			
13		05-123-45051	Leonard 1C	COWBOY 21 -7HZ	107	EXTRACTION OIL & GAS INC		XX		516			
14		05-123-45051	Leonard 1C	COWBOY 21 -7HZ	107	EXTRACTION OIL & GAS INC		XX		516			
15		05-123-08694	5 ELKHORN COMPANY B	COWBOY 21 -3HZ	109	K P KAUFFMAN COMPANY INC	05/05/1976	PR	621	516		4622	0
16		05-123-20084	43-9 SPRAGUE	COWBOY 21 -7HZ	109	CRESTONE PEAK RESOURCES OPERATING LLC	10/05/2000	PR	575	516		7270	4170
17		05-123-08103	1 STANLEY	COWBOY 21 -6HZ	112	GERRITY OIL & GAS CORP	07/18/1974	PA	490	516		4580	0
18		05-123-09001	6 STANLEY	COWBOY 21 -6HZ	112	GERRITY OIL & GAS CORP	11/02/1976	PA	570	516		5025	0
19		05-123-09556	7 STANLEY	COWBOY 21 -1HZ	113	GERRITY OIL & GAS CORP	07/20/1978	PA	507	516		4639	0
20		05-123-22638	SPRAGUE 6-4-9	COWBOY 21 -5HZ	136	CRESTONE PEAK RESOURCES OPERATING LLC	01/19/2005	PR	593	516		7360	3580
21		05-123-31669	8-6-9 SPRAGUE	COWBOY 21 -7HZ	139	ENCANA OIL & GAS (USA) INC		AL		516			
22		05-123-20188	44-4 LUHMAN	COWBOY 21 -7HZ	153	CRESTONE PEAK RESOURCES OPERATING LLC	02/02/2001	SI	614	516		7231	6620
23	x	05-123-27009	PARADIZE V 16- 22D	COWBOY 21 -4HZ	154	KERR MCGEE OIL & GAS ONSHORE LP	10/17/2008	SI	663	516		7394	1113

24		05-123-19798	34-9 SPRAGUE	COWBOY 21 -6HZ	171	CRESTONE PEAK RESOURCES OPERATING LLC	09/17/1999	PR	557	516		7430	3660
25		05-123-11002	1 ELKHORN	COWBOY 21 -6HZ	179	PDC ENERGY INC	01/06/1983	PR	534	516		7307	0
26	x	05-123-44521	BUTTERBALL 40N-33HZ	COWBOY 21 -8HZ	179	KERR MCGEE OIL & GAS ONSHORE LP		DG		516			
27		05-123-15316	2 UNIT /A/ GAS UNIT	COWBOY 21 -4HZ	193	KERR MCGEE OIL & GAS ONSHORE LP	10/22/1991	SI	762	516		7344	0
28		05-123-20336	15-16A HSR- PARKER	COWBOY 21 -2HZ	210	KERR MCGEE OIL & GAS ONSHORE LP	06/25/2001	SI	775	516		7320	3730
29		05-123-20941	9-16A RANDI	COWBOY 21 -7HZ	223	KERR MCGEE OIL & GAS ONSHORE LP	06/13/2002	PA	769	516		7331	3970
30		05-123-19920	44-9 SPRAGUE	COWBOY 21 -7HZ	237	CRESTONE PEAK RESOURCES OPERATING LLC	02/28/2000	PR	553	516		7304	3916
31	x	05-123-34633	Aspen State V16 -75HN	COWBOY 21 -1HZ	237	KERR MCGEE OIL & GAS ONSHORE LP	09/08/2012	PR	744	516		7473	1960
32		05-123-17319	9-8 SPRAGUE V	COWBOY 21 -6HZ	244	KERR MCGEE OIL & GAS ONSHORE LP	09/11/1993	PR	623	516		7256	0
33		05-123-30794	6-0-9 SPRAGUE	COWBOY 21 -7HZ	253	ENCANA OIL & GAS (USA) INC		AL		516			
34		05-123-19737	41-9 SPRAGUE	COWBOY 21 -7HZ	260	CRESTONE PEAK RESOURCES OPERATING LLC	02/03/1999	PR	513	516		7247	6750
35	x	05-123-45045	Leonard 2N	COWBOY 21 -7HZ	260	EXTRACTION OIL & GAS INC	08/29/2017	PR	1500	516		7350	0
36	x	05-123-37870	BUTTERBALL 30C-15HZ	COWBOY 21 -8HZ	264	KERR MCGEE OIL & GAS ONSHORE LP	09/22/2013	PR	1020	516		7374	38
37		05-123-17317	9-1 SPRAGUE V	COWBOY 21 -6HZ	268	KERR MCGEE OIL & GAS ONSHORE LP	09/04/1993	SI	637	516		7228	0
38	x	05-123-39275	Sprague 3J-9H- N267	COWBOY 21 -5HZ	276	CRESTONE PEAK RESOURCES OPERATING LLC	03/22/2015	PR	859	516		7280	0
39		05-123-17250	9-16 ECKSTINE V	COWBOY 21 -7HZ	284	KERR MCGEE OIL & GAS ONSHORE LP	09/20/1993	PR	545	516		7306	0
40		05-123-08693	4 ELKHORN COMPANY B	COWBOY 21 -7HZ	286	KERR MCGEE OIL & GAS ONSHORE LP	05/12/1976	PA	648	516		7390	0
41		05-123-09359	1 SPRAGUE	COWBOY 21 -5HZ	295	CRESTONE PEAK RESOURCES OPERATING LLC	01/30/1978	PR	588	516		4590	0
42	x	05-123-37867	BUTTERBALL 30C-10HZ	COWBOY 21 -8HZ	311	KERR MCGEE OIL & GAS ONSHORE LP	09/25/2013	PR	1054	516		7397	0
43	x	05-123-30824	SPRAGUE 4-8-9	COWBOY 21 -1HZ	337	CRESTONE PEAK RESOURCES OPERATING LLC	07/02/2010	PR	790	516		7378	0
44	x	05-123-34750	SHELEY 3A-4H	COWBOY 21 -7HZ	406	CRESTONE PEAK RESOURCES OPERATING LLC	09/28/2012	PR	832	516		7487	0
45	x	05-123-44519	BUTTERBALL 32C-34HZ	COWBOY 21 -8HZ	484	KERR MCGEE OIL & GAS ONSHORE LP	05/02/2017	DG		516			
46	x	05-123-44520	BUTTERBALL 12N-34HZ	COWBOY 21 -8HZ	532	KERR MCGEE OIL & GAS ONSHORE LP	05/03/2017	DG		516			
47	x	05-123-44518	BUTTERBALL 22N-34HZ	COWBOY 21 -8HZ	542	KERR MCGEE OIL & GAS ONSHORE LP	05/04/2017	DG		516			

48		05-123-09546	5 GREELEY NATIONAL BANK B	COWBOY 21 -8HZ	556	K P KAUFFMAN COMPANY INC	05/27/1978	PA	662	516		4478	0
49		05-123-20600	34-4 BARNES	COWBOY 21 -5HZ	587	CRESTONE PEAK RESOURCES OPERATING LLC	11/14/2001	PR	597	516		7232	6606
50		05-123-20349	12-10A HSR-STREAR	COWBOY 21 -8HZ	593	KERR MCGEE OIL & GAS ONSHORE LP	06/18/2001	SI	778	516		7254	3900
51		05-123-19765	32-9 SPRAGUE	COWBOY 21 -5HZ	595	CRESTONE PEAK RESOURCES OPERATING LLC	06/20/1999	PR	518	516		7244	4120
52		05-123-20554	5-10 STREAR	COWBOY 21 -8HZ	595	KERR MCGEE OIL & GAS ONSHORE LP	07/05/2004	PA	768	516		7258	3656
53	x	05-123-45049	Leonard 3N	COWBOY 21 -7HZ	596	EXTRACTION OIL & GAS INC	08/29/2017	PR	1500	516		7250	0
54		05-123-17318	9-7 SPRAGUE V	COWBOY 21 -5HZ	598	KERR MCGEE OIL & GAS ONSHORE LP	09/17/1993	TA	613	516		7244	3984
55		05-123-19595	4-10A HSR-STREAR	COWBOY 21 -8HZ	598	KERR MCGEE OIL & GAS ONSHORE LP	04/17/1998	PR	780	516		7236	6530
56		05-123-19841	13-15A HSR-PARKER	COWBOY 21 -8HZ	605	KERR MCGEE OIL & GAS ONSHORE LP	11/21/1999	SI	637	516		7333	4390
57		05-123-09545	4 GREELEY NATIONAL BANK B	COWBOY 21 -8HZ	612	K P KAUFFMAN COMPANY INC	08/02/1978	PR	715	516		4620	0
58		05-123-23043	13-10 STREAR	COWBOY 21 -8HZ	615	KERR MCGEE OIL & GAS ONSHORE LP	07/15/2005	PA	899	516		7310	3476
59		05-123-17248	9-10 ECKSTINE V	COWBOY 21 -5HZ	617	KERR MCGEE OIL & GAS ONSHORE LP	09/26/1993	SI	544	516		7261	0
60		05-123-21588	5-22A FRANCIS	COWBOY 21 -8HZ	628	KERR MCGEE OIL & GAS ONSHORE LP	10/13/2003	SI	726	516		7346	4130
61	x	05-123-39273	Sprague 3H-9H-N267	COWBOY 21 -1HZ	644	CRESTONE PEAK RESOURCES OPERATING LLC	03/21/2015	PR	800	516		7320	500
62		05-123-09967	1 KATHERINE	COWBOY 21 -5HZ	662	MACEY & MERSHON OIL INC	05/21/1980	PA	513	516		4549	0
63	x	05-123-37865	BUTTERBALL 4N-10HZX	COWBOY 21 -8HZ	668	KERR MCGEE OIL & GAS ONSHORE LP	09/23/2013	PR	1049	516		7466	80
64	x	05-123-39269	Sprague 3I-9H-N267	COWBOY 21 -2HZ	693	CRESTONE PEAK RESOURCES OPERATING LLC	03/21/2015	PR	800	516		7350	500
65		05-123-19961	33-9 SPRAGUE	COWBOY 21 -5HZ	717	CRESTONE PEAK RESOURCES OPERATING LLC	07/07/2000	PR	575	516		7258	3850
66		05-123-09519	2 GORDON TURKEY FARM C	COWBOY 21 -8HZ	747	K P KAUFFMAN COMPANY INC	08/28/1978	PA	260	516		4650	0
67		05-123-19681	16-11JI DECHANT STATE V	COWBOY 21 -1HZ	749	KERR MCGEE OIL & GAS ONSHORE LP	09/12/1998	SI	805	516		7320	4150
68		05-123-10405	1 LUHMAN	COWBOY 21 -5HZ	756	CRESTONE PEAK RESOURCES OPERATING LLC	09/21/1981	PR	426	516		7195	4970
69		05-123-21899	4-15A STREAR	COWBOY 21 -8HZ	762	KERR MCGEE OIL & GAS ONSHORE LP	01/24/2004	SI	678	516		7300	3990
70		05-123-09520	1 GORDON TURKEY FARMS C	COWBOY 21 -8HZ	767	K P KAUFFMAN COMPANY INC	07/03/1978	PR	559	516		4452	0
71		05-123-20512	12-15A HSR-PARKER	COWBOY 21 -8HZ	769	KERR MCGEE OIL & GAS ONSHORE LP	05/30/2002	SI	638	516		7330	4430

72		05-123-19774	16-14 Ji DECHANT STATE V	COWBOY 21 -1HZ	774	KERR MCGEE OIL & GAS ONSHORE LP	02/23/2000	SI	619	516		7320	3980
73		05-123-08403	1 AMES	COWBOY 21 -8HZ	802	ENERGY MINERALS CORP	05/05/1975	PA	458	516		4929	0
74		05-123-16002	11-22 DEEPE	COWBOY 21 -8HZ	807	BASIN EXPLORATION INC		AL		516			
75		05-123-20536	4-22 HSR-DEEPE	COWBOY 21 -8HZ	808	KERR MCGEE OIL & GAS ONSHORE LP	09/07/2001	PA	688	516		7338	4180
76		05-123-20640	SPRAGUE 31-9	COWBOY 21 -5HZ	810	CRESTONE PEAK RESOURCES OPERATING LLC	01/31/2002	SI	510	516		7345	3652
77		05-123-09010	43-21 JOHN HORST	COWBOY 21 -7HZ	833	EXTRACTION OIL & GAS INC	11/17/1976	PR	585	516		4720	4047
78		05-123-09688	33-21 LEONARD	COWBOY 21 -2HZ	834	EXTRACTION OIL & GAS INC	03/13/1979	SI	596	516		4686	4315
79		05-123-30217	33-21J LEONARD	COWBOY 21 -2HZ	834	SUNDANCE ENERGY INC		AL		516			
80		05-123-19773	16-3JI DECHANT STATE V	COWBOY 21 -1HZ	838	KERR MCGEE OIL & GAS ONSHORE LP	03/01/2000	SI	606	516		7286	3994
81		05-123-17249	9-15 ECKSTINE V	COWBOY 21 -1HZ	875	NOBLE ENERGY INC	07/18/1994	PA	579	516		7276	3694
82	x	05-123-39270	Sprague 3G-9H-N267	COWBOY 21 -1HZ	875	CRESTONE PEAK RESOURCES OPERATING LLC	03/19/2015	PR	845	516		7605	650
83		05-123-19780	5-15A HSR-SCHIS	COWBOY 21 -8HZ	895	KERR MCGEE OIL & GAS ONSHORE LP	06/21/1999	PR	689	516		7314	3970
84		05-123-07998	4 DECHANT-STATE	COWBOY 21 -1HZ	896	K P KAUFFMAN COMPANY INC	02/14/1974	SI	474	516		4984	0
85		05-123-09316	6 DECHANT-STATE	COWBOY 21 -1HZ	902	K P KAUFFMAN COMPANY INC	10/27/1977	PR	465	516		4470	0
86	x	05-123-45046	Leonard 4N	COWBOY 21 -7HZ	932	EXTRACTION OIL & GAS INC	08/29/2017	PR	1500	516		7350	0
87		05-123-07749	2 DECHANT-STATE	COWBOY 21 -1HZ	948	K P KAUFFMAN COMPANY INC	07/02/1973	SI	424	516		5018	0
88		05-123-09489	7 ELKHORN COMPANY B	COWBOY 21 -1HZ	975	K P KAUFFMAN COMPANY INC	05/23/1978	PR	670	516		4456	0
89	x	05-123-34631	V16-77HN Abbey State	COWBOY 21 -1HZ	988	KERR MCGEE OIL & GAS ONSHORE LP	08/28/2012	PR	715	516		7395	1970
90		05-123-08391	3 ELKHORN CO	COWBOY 21 -1HZ	996	K P KAUFFMAN COMPANY INC	05/27/1975	PR	576	516		4626	0
91		05-123-08855	8 DECHANT - STATE	COWBOY 21 -1HZ	1003	GERRITY OIL & GAS CORP	08/17/1976	PA	445	516		5030	0
92	x	05-123-38563	35C-27HZ DEEPE	COWBOY 21 -8HZ	1017	KERR MCGEE OIL & GAS ONSHORE LP	02/27/2014	PR	1041	516		7404	40
93		05-123-27346	24-9 SPRAGUE	COWBOY 21 -1HZ	1021	CRESTONE PEAK RESOURCES OPERATING LLC	03/16/2007	SI	607	516		7254	3920
94	x	05-123-37869	BUTTERBALL 4N-15HZ	COWBOY 21 -8HZ	1038	KERR MCGEE OIL & GAS ONSHORE LP	09/21/2013	PR	1018	516		7499	910
95	x	05-123-45048	Leonard 5C	COWBOY 21 -7HZ	1106	EXTRACTION OIL & GAS INC	08/28/2017	PR		516			
96		05-123-07801	1 GORDON TURKEY FARMS B UNIT	COWBOY 21 -8HZ	1115	KERR MCGEE OIL & GAS ONSHORE LP	08/17/1973	PA	218	516		7260	320
97	x	05-123-37865	BUTTERBALL 4N-10HZX	COWBOY 21 -8HZ	1146	KERR MCGEE OIL & GAS ONSHORE LP	09/23/2013	PR	1049	516		7466	80

98	x	05-123-39274	Sprague 3F-9H-N267	COWBOY 21-1HZ	1146	CRESTONE PEAK RESOURCES OPERATING LLC	03/18/2015	PR	851	516		7358	250
99	x	05-123-37865	BUTTERBALL 4N-10HZX	COWBOY 21-8HZ	1149	KERR MCGEE OIL & GAS ONSHORE LP	09/23/2013	PR	1049	516		7466	80
100		05-123-20579	24-9 J SPRAGUE	COWBOY 21-1HZ	1153	MACHII-ROSS PETROLEUM CO		AL		516			
101	x	05-123-38561	DEEPE 13N-27HZ	COWBOY 21-8HZ	1189	KERR MCGEE OIL & GAS ONSHORE LP	02/28/2014	PR	1030	516		7508	0
102		05-123-14247	2-16 STATE DECHANT	COWBOY 21-1HZ	1195	KERR MCGEE OIL & GAS ONSHORE LP	04/07/1989	SI	536	516		7333	0
103	x	05-123-34751	SHELEY 3B-4H	COWBOY 21-7HZ	1198	CRESTONE PEAK RESOURCES OPERATING LLC	10/18/2012	PR	807	516		7513	5209
104	x	05-123-37908	BUTTERBALL 29C-15HZ	COWBOY 21-8HZ	1227	KERR MCGEE OIL & GAS ONSHORE LP	09/20/2013	SI	1033	516		7340	138
105		05-123-09201	4 CARL DEEPE C	COWBOY 21-8HZ	1232	K P KAUFFMAN COMPANY INC	04/19/1977	PR	702	516		4652	0
106	x	05-123-45047	Leonard 6N	COWBOY 21-7HZ	1273	EXTRACTION OIL & GAS INC	08/28/2017	PR	1500	516		7350	0
107	x	05-123-39271	3D-9H-N267 Sprague	COWBOY 21-1HZ	1275	CRESTONE PEAK RESOURCES OPERATING LLC	02/14/2015	PR	800	516		7405	650
108	x	05-123-39266	3C-9H-N267 Sprague	COWBOY 21-1HZ	1287	CRESTONE PEAK RESOURCES OPERATING LLC	02/03/2015	PR	859	516		7617	720
109	x	05-123-39272	3B-9H-N267 Sprague	COWBOY 21-1HZ	1296	CRESTONE PEAK RESOURCES OPERATING LLC	01/23/2015	PR	857	516		7429	857
110	x	05-123-39267	3A-9H-N267 Sprague	COWBOY 21-1HZ	1302	CRESTONE PEAK RESOURCES OPERATING LLC	01/13/2015	PR	843	516		7578	415
111	x	05-123-33146	PARADIZE 4-15HZ	COWBOY 21-8HZ	1320	KERR MCGEE OIL & GAS ONSHORE LP	02/03/2012	SI	1038	516		7555	460
112		05-123-09689	23-21 LEONARD	COWBOY 21-1HZ	1335	EXTRACTION OIL & GAS INC	03/21/1979	PR	570	516		4790	4292
113	x	05-123-44406	BUTTERBALL 22C-34HZ	COWBOY 21-8HZ	1350	KERR-MCGEE OIL & GAS ONSHORE LP	04/05/2017	DG		516			
114		05-123-30134	23-21J LEONARD	COWBOY 21-1HZ	1373	SUNDANCE ENERGY INC		AL		516			
115	x	05-123-33793	STREAR 35-10	COWBOY 21-8HZ	1455	KERR MCGEE OIL & GAS ONSHORE LP	03/21/2012	SI	706	516		7480	958
116	x	05-123-38562	DEEPE 34C-27HZ	COWBOY 21-8HZ	1462	KERR MCGEE OIL & GAS ONSHORE LP	03/01/2014	PR	1047	516		7403	40
117		05-123-10913	2 CARL R. DEEPE	COWBOY 21-8HZ	1465	KERR MCGEE OIL & GAS ONSHORE LP	11/16/1982	TA	982	516		7341	0
118		05-123-11400	3-21J LEONARD	COWBOY 21-3HZ	1478	CRESTONE PEAK RESOURCES OPERATING LLC	11/28/1983	SI	587	516		7370	4400
119	x	05-123-39268	Sprague 3E-9H-N267	COWBOY 21-1HZ	1486	CRESTONE PEAK RESOURCES OPERATING LLC	02/25/2015	PR	800	516		7350	500

120	x	05-123-39268	Sprague 3E-9H-N267	COWBOY 21-1HZ	1486	CRESTONE PEAK RESOURCES OPERATING LLC	02/25/2015	PR	800	516		7350	500
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Total Wells: 120

Meets Standard(STD): 40

Needs Evaluation: 80