

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		05-123-09808	2 STATE OLIN	SARCHET 21-4HZ	9	KERR MCGEE OIL & GAS ONSHORE LP	11/01/1979	SI	535	526		7168	7100
2		05-123-24653	23-21X SARCHET	SARCHET 21-7HZ	10	KERR MCGEE OIL & GAS ONSHORE LP	04/04/2007	PR	630	526		7130	0
3		05-123-39148	29N-21HZ SARCHET	SARCHET 21-1HZ	27	KERR MCGEE OIL & GAS ONSHORE LP		AL		526			
4		05-123-39144	30N-21HZ SARCHET	SARCHET 21-1HZ	30	KERR MCGEE OIL & GAS ONSHORE LP		AL		526			
5		05-123-14343	13-21A HSR- FAUST	SARCHET 21-2HZ	37	KERR MCGEE OIL & GAS ONSHORE LP	07/25/1989	SI	633	526		7165	6630
6		05-123-14366	14-21A HSR- SIMONS	SARCHET 21-6HZ	43	KERR MCGEE OIL & GAS ONSHORE LP	08/06/1989	PA	667	526		7155	6534
7		05-123-26023	32-16 COLAND STATE	SARCHET 21-1HZ	44	KERR MCGEE OIL & GAS ONSHORE LP		AL		526			
8		05-123-07310	1 ESTHER F. GAUMER	SARCHET 21-5HZ	52	KERR MCGEE OIL & GAS ONSHORE LP	04/24/1971	PA	522	526		7125	580
9		05-123-14841	L 16-13 STATE	SARCHET 21-2HZ	60	KERR MCGEE OIL & GAS ONSHORE LP	12/02/1990	PA	539	526	x	7171	70
10		05-123-14837	L16-6 STATE	SARCHET 21-6HZ	62	NOBLE ENERGY INC	11/24/1990	PA	537	526		7086	0
11		05-123-14839	L 16-11 STATE	SARCHET 21-6HZ	70	KERR MCGEE OIL & GAS ONSHORE LP	11/21/1990	SI	533	526		7096	6510
12		05-123-24559	21-21 SARCHET	SARCHET 21-7HZ	74	KERR MCGEE OIL & GAS ONSHORE LP	04/14/2007	PR	673	526		7094	2955
13		05-123-14233	6-21A HSR- FRIEDMAN	SARCHET 21-6HZ	91	KERR MCGEE OIL & GAS ONSHORE LP	02/26/1989	TA	590	526		7176	6700
14		05-123-07757	1 NILES S MILLER UNIT	SARCHET 21-3HZ	93	KERR MCGEE OIL & GAS ONSHORE LP	08/09/1973	PA	630	526		7150	0
15		05-123-14842	L 16-14 STATE	SARCHET 21-6HZ	97	KERR MCGEE OIL & GAS ONSHORE LP	11/30/1990	SI	539	526		7088	6300
16		05-123-14238	3-21 HSR- HERRICK	SARCHET 21-6HZ	106	KERR MCGEE OIL & GAS ONSHORE LP	07/13/1989	SI	615	526		7134	6618
17		05-123-14833	16-4 STATE L	SARCHET 21-1HZ	115	KERR MCGEE OIL & GAS ONSHORE LP	11/10/1990	PA	542	526		6992	0
18		05-123-16915	HSR-POE 12- 21A	SARCHET 21-2HZ	115	KERR MCGEE OIL & GAS ONSHORE LP	04/07/1993	SI	582	526		7150	3243
19		05-123-24500	11-21 SARCHET	SARCHET 21-6HZ	124	KERR MCGEE OIL & GAS ONSHORE LP	03/28/2007	SI	678	526		7215	2600
20	x	05-123-29347	16-24 OLIN STATE L	SARCHET 21-7HZ	126	KERR MCGEE OIL & GAS ONSHORE LP	11/11/2008	SI	554	526		7044	1640
21		05-123-24558	22-21 SARCHET	SARCHET 21-4HZ	141	KERR MCGEE OIL & GAS ONSHORE LP	04/20/2007	TA	692	526		7142	0
22		05-123-14834	L 16-3 STATE	SARCHET 21-6HZ	142	KERR MCGEE OIL & GAS ONSHORE LP	11/18/1990	PA	545	526		7074	6360
23	x	05-123-29349	16-18 OLIN STATE L	SARCHET 21-7HZ	159	KERR MCGEE OIL & GAS ONSHORE LP	11/19/2008	PA	578	526		7052	2130
24	x	05-123-30620	COLAND STATE 5-16	SARCHET 21-1HZ	159	KERR MCGEE OIL & GAS ONSHORE LP	10/22/2009	SI	943	526		7117	6717

25		05-123-22978	SARCHET 4-21	SARCHET 21-1HZ	173	KERR MCGEE OIL & GAS ONSHORE LP	05/28/2005	PR	682	526		7238	3628
26	x	05-123-29348	16-21 OLIN STATE L	SARCHET 21-7HZ	179	KERR MCGEE OIL & GAS ONSHORE LP	11/15/2008	SI	578	526		7050	1724
27		05-123-09780	2 LAURA A SARCHET GAS UNIT	SARCHET 21-4HZ	199	KERR MCGEE OIL & GAS ONSHORE LP	09/17/1979	SI	595	526	x	7130	0
28		05-123-25993	12-16 OLIN STATE	SARCHET 21-1HZ	200	KERR MCGEE OIL & GAS ONSHORE LP		AL		526			
29		05-123-14659	5-21A HSR-CLAYTON	SARCHET 21-2HZ	201	KERR MCGEE OIL & GAS ONSHORE LP	08/04/1990	PR	618	526		7154	6650
30		05-123-10123	3 STATE OLIN	SARCHET 21-2HZ	207	KERR MCGEE OIL & GAS ONSHORE LP	12/10/1980	SI	566	526		7135	6450
31	x	05-123-29806	OLIN STATE L 16-29 D	SARCHET 21-4HZ	207	KERR MCGEE OIL & GAS ONSHORE LP	11/22/2009	SI	647	526		7179	2000
32	x	05-123-30810	16-20 OLIN STATE L	SARCHET 21-5HZ	208	KERR MCGEE OIL & GAS ONSHORE LP	03/02/2010	PR	696	526		7063	2100
33	x	05-123-30638	COLAND STATE 12-16	SARCHET 21-1HZ	213	KERR MCGEE OIL & GAS ONSHORE LP	11/03/2009	SI	922	526		7332	672
34	x	05-123-35494	NILES 29N-28HZ	SARCHET 21-3HZ	247	KERR MCGEE OIL & GAS ONSHORE LP	09/28/2012	PR	947	526		7310	630
35		05-123-14340	5-28A HSR-RENSHAW	SARCHET 21-3HZ	255	KERR MCGEE OIL & GAS ONSHORE LP	07/19/1989	PR	618	526		7133	6575
36	x	05-123-30625	MILLER 29-28	SARCHET 21-5HZ	256	KERR MCGEE OIL & GAS ONSHORE LP	01/11/2010	PR	1041	526		7286	1500
37	x	05-123-30626	COLAND STATE 32-16	SARCHET 21-1HZ	259	KERR MCGEE OIL & GAS ONSHORE LP	11/14/2009	SI	940	526		7186	6475
38	x	05-123-35493	NILES 4N-28HZ	SARCHET 21-3HZ	271	KERR MCGEE OIL & GAS ONSHORE LP	09/30/2012	PR	921	526		7370	110
39		05-123-14629	12-28A HSR-BALDWIN	SARCHET 21-3HZ	272	KERR MCGEE OIL & GAS ONSHORE LP	07/19/1990	SI	645	526		7136	6590
40	x	05-123-30641	MILLER 26-29	SARCHET 21-1HZ	331	KERR MCGEE OIL & GAS ONSHORE LP	04/28/2010	SI	994	526		7532	1650
41		05-123-21648	4-28 MILLER	SARCHET 21-3HZ	333	KERR MCGEE OIL & GAS ONSHORE LP	10/17/2003	PR	676	526		7152	6700
42	x	05-123-24843	SARCHET 36-21	SARCHET 21-7HZ	363	KERR MCGEE OIL & GAS ONSHORE LP	01/06/2008	SI	667	526	x	7332	674
43		05-123-14824	2 NILES S MILLER UNIT	SARCHET 21-3HZ	383	KERR MCGEE OIL & GAS ONSHORE LP	11/26/1990	PR	918	526		7150	6012
44		05-123-24257	DEVON 38-8	SARCHET 21-1HZ	429	KERR MCGEE OIL & GAS ONSHORE LP	06/29/2007	PR	848	526		7209	3498
45	x	05-123-30627	COLAND 41-17	SARCHET 21-1HZ	437	KERR MCGEE OIL & GAS ONSHORE LP	11/07/2009	SI	930	526		7195	50
46		05-123-23433	13-28 MILLER	SARCHET 21-3HZ	457	KERR MCGEE OIL & GAS ONSHORE LP	05/28/2006	SI	722	526		7192	3660
47	x	05-123-35842	RAYMOND 38N-29HZX	SARCHET 21-1HZ	481	KERR MCGEE OIL & GAS ONSHORE LP		DG		526			
48		05-123-22391	22-28 MILLER	SARCHET 21-3HZ	485	KERR MCGEE OIL & GAS ONSHORE LP	09/19/2004	SI	675	526		7145	3870
49	x	05-123-35495	NILES 29C-28HZ	SARCHET 21-5HZ	537	KERR MCGEE OIL & GAS ONSHORE LP	09/27/2012	PR	902	526		7260	210
50	x	05-123-35490	NILES 3N-28HZ	SARCHET 21-6HZ	547	KERR MCGEE OIL & GAS ONSHORE LP	10/02/2012	PR	949	526		7346	482
51	x	05-123-34916	WEISS 4N-33HZ	SARCHET 21-3HZ	554	KERR MCGEE OIL & GAS ONSHORE LP	03/29/2012	PR	723	526		7334	860

52		05-123-18475	4-33 HSR-REX	SARCHET 21-3HZ	563	KERR MCGEE OIL & GAS ONSHORE LP	08/23/1994	PA	705	526		7138	6538
53		05-123-22897	7-21 SARCHET	SARCHET 21-7HZ	576	KERR MCGEE OIL & GAS ONSHORE LP	04/20/2005	PR	635	526		7105	3553
54	x	05-123-37595	DCP STATE 38N-17HZ	SARCHET 21-1HZ	583	KERR MCGEE OIL & GAS ONSHORE LP	07/27/2013	PR	924	526		7214	0
55	x	05-123-35491	NILES 28N-28HZ	SARCHET 21-7HZ	602	KERR MCGEE OIL & GAS ONSHORE LP	10/01/2012	PR	948	526		7296	530
56	x	05-123-34913	WEISS 29N-33HZ	SARCHET 21-3HZ	614	KERR MCGEE OIL & GAS ONSHORE LP	03/28/2012	PR	725	526		7409	830
57		05-123-36369	40N-8HZ OLIN STATE	SARCHET 21-1HZ	671	KERR MCGEE OIL & GAS ONSHORE LP		AL		526			
58		05-123-14835	L 16-2 STATE	SARCHET 21-7HZ	682	KERR MCGEE OIL & GAS ONSHORE LP	11/14/1990	SI	538	526		7047	6360
59		05-123-14844	L 16-15 STATE	SARCHET 21-7HZ	689	KERR MCGEE OIL & GAS ONSHORE LP	11/23/1990	SI	524	526		7118	6430
60		05-123-36368	13N-17HZ OLIN	SARCHET 21-1HZ	701	KERR MCGEE OIL & GAS ONSHORE LP		AL		526			
61		05-123-14840	L 16-10 STATE	SARCHET 21-7HZ	704	KERR MCGEE OIL & GAS ONSHORE LP	12/02/1990	SI	540	526		7063	6500
62		05-123-19948	44-20 MILLER	SARCHET 21-1HZ	712	CRESTONE PEAK RESOURCES OPERATING LLC	04/10/2000	PR	675	526		7168	6460
63		05-123-07221	1 UPRR 21 PAN AM B	SARCHET 21-2HZ	723	KERR MCGEE OIL & GAS ONSHORE LP	12/31/1970	SI	421	526		7086	
64		05-123-36366	9C-8HZ OLIN	SARCHET 21-1HZ	734	KERR MCGEE OIL & GAS ONSHORE LP		AL		526			
65		05-123-14075	44-20 MILLER	SARCHET 21-1HZ	741	PDC ENERGY INC	10/02/1988	PR	622	526		7127	6800
66		05-123-15107	9-14K UPRC	SARCHET 21-6HZ	749	KERR MCGEE OIL & GAS ONSHORE LP	08/19/1991	SI	523	526		7017	6446
67		05-123-20354	15-16A HSR-STATE	SARCHET 21-7HZ	761	KERR MCGEE OIL & GAS ONSHORE LP	04/02/2001	SI	584	526		7102	6580
68		05-123-36367	9N-8HZ OLIN	SARCHET 21-1HZ	763	KERR MCGEE OIL & GAS ONSHORE LP		AL		526			
69		05-123-14926	10-21A HSR-BETZ	SARCHET 21-7HZ	764	KERR MCGEE OIL & GAS ONSHORE LP	03/06/1991	SI	578	526		7136	6350
70	x	05-123-34915	WEISS 29C-33HZ	SARCHET 21-3HZ	779	KERR MCGEE OIL & GAS ONSHORE LP	03/27/2012	PR	729	526		7246	550
71		05-123-29374	44-6B MILLER	SARCHET 21-1HZ	781	PDC ENERGY INC		AL		526			
72		05-123-14950	15-21 A HSR-WILSON	SARCHET 21-7HZ	805	KERR MCGEE OIL & GAS ONSHORE LP	03/17/1991	PA	583	526		7216	6718
73		05-123-20856	4-33A TARANTINO	SARCHET 21-3HZ	806	KERR MCGEE OIL & GAS ONSHORE LP	05/06/2002	SI	668	526		7144	6310
74	x	05-123-34917	WEISS 31N-33HZ	SARCHET 21-3HZ	817	KERR MCGEE OIL & GAS ONSHORE LP	03/29/2012	PR	726	526		7337	830
75		05-123-16873	3-28A HSR-STEWART	SARCHET 21-6HZ	822	KERR MCGEE OIL & GAS ONSHORE LP	03/25/1993	PR	624	526		7136	6410
76	x	05-123-37594	DCP 16N-17HZ	SARCHET 21-1HZ	822	KERR MCGEE OIL & GAS ONSHORE LP	07/26/2013	PR	932	526		7146	44
77		05-123-14838	L16-7 STATE	SARCHET 21-7HZ	828	KERR MCGEE OIL & GAS ONSHORE LP	11/20/1990	SI	541	526		7066	6431
78		05-123-16924	14-28A HSR-TOOMBS	SARCHET 21-3HZ	852	KERR MCGEE OIL & GAS ONSHORE LP	04/17/1993	SI	628	526		7130	6200

79	x	05-123-30656	MILLER 31-28	SARCHET 21-3HZ	866	KERR MCGEE OIL & GAS ONSHORE LP	04/21/2010	PR	1035	526		7202	1290
80		05-123-14675	HSR-PICCONE 2-21	SARCHET 21-7HZ	872	KERR MCGEE OIL & GAS ONSHORE LP	07/29/1990	PR	614	526		7122	6360
81		05-123-13700	43-20 MILLER	SARCHET 21-1HZ	897	PDC ENERGY INC	11/13/1987	PR	347	526		7165	702
82		05-123-19672	43-20 MILLER	SARCHET 21-1HZ	913	CRESTONE PEAK RESOURCES OPERATING LLC	08/03/1998	PR	651	526		7162	6600
83		05-123-15617	16-17 HSR-BEALL	SARCHET 21-1HZ	921	KERR MCGEE OIL & GAS ONSHORE LP	02/20/1992	SI	535	526		7236	6710
84	x	05-123-35848	RAYMOND 38C-29HZ	SARCHET 21-1HZ	967	KERR MCGEE OIL & GAS ONSHORE LP	08/18/2012	SI	945	526		7255	100
85		05-123-18471	3-33 HSR-NILES	SARCHET 21-3HZ	993	KERR MCGEE OIL & GAS ONSHORE LP	08/18/1994	PR	695	526		7125	6312
86	x	05-123-30658	MILLER 40-29	SARCHET 21-3HZ	1022	KERR MCGEE OIL & GAS ONSHORE LP	04/24/2010	PR	993	526		7256	1700
87		05-123-15496	20-1K SOCO	SARCHET 21-1HZ	1074	KERR MCGEE OIL & GAS ONSHORE LP	04/15/1992	SI	699	526		7092	6114
88		05-123-43145	20Q-221 Niles Miller	SARCHET 21-1HZ	1083	KERR MCGEE OIL & GAS ONSHORE LP		AL		526			
89		05-123-43148	20Q-321 Niles Miller	SARCHET 21-1HZ	1083	KERR MCGEE OIL & GAS ONSHORE LP		AL		526			
90		05-123-43150	20T-241 Niles Miller	SARCHET 21-1HZ	1083	KERR MCGEE OIL & GAS ONSHORE LP		AL		526			
91		05-123-43143	20Y-241 Niles Miller	SARCHET 21-1HZ	1086	KERR MCGEE OIL & GAS ONSHORE LP		AL		526			
92		05-123-43144	20T-301 Niles Miller	SARCHET 21-1HZ	1086	KERR MCGEE OIL & GAS ONSHORE LP		AL		526			
93		05-123-43146	20T-221 Niles Miller	SARCHET 21-1HZ	1086	KERR MCGEE OIL & GAS ONSHORE LP		AL		526			
94		05-123-43147	20T-321 Niles Miller	SARCHET 21-1HZ	1086	KERR MCGEE OIL & GAS ONSHORE LP		AL		526			
95		05-123-43149	20Y-401 Niles Miller	SARCHET 21-1HZ	1086	KERR MCGEE OIL & GAS ONSHORE LP		AL		526			
96		05-123-21387	1-29A MILLER	SARCHET 21-1HZ	1103	KERR MCGEE OIL & GAS ONSHORE LP	03/29/2003	PA	581	526		7135	4346
97		05-123-08049	1 SARCHET LAURA A GAS UNIT	SARCHET 21-7HZ	1104	KERR MCGEE OIL & GAS ONSHORE LP	05/18/1974	PR	585	526		7130	4130
98		05-123-20023	3-33A HSR-MILLER	SARCHET 21-3HZ	1119	KERR MCGEE OIL & GAS ONSHORE LP	08/08/2000	PR	667	526		7138	6660
99		05-123-15616	9-17A HSR-BANGS	SARCHET 21-1HZ	1122	KERR MCGEE OIL & GAS ONSHORE LP	02/25/1992	SI	531	526		7135	6700
100		05-123-15701	20-8K SOCO	SARCHET 21-1HZ	1134	KERR MCGEE OIL & GAS ONSHORE LP	04/25/1992	SI	657	526		7140	6110
101		05-123-17650	41-29 MILLER UPRR	SARCHET 21-1HZ	1136	KERR MCGEE OIL & GAS ONSHORE LP	11/27/1993	PA	622	526		7125	6686
102		05-123-15657	1-17 HSR-SPITS	SARCHET 21-1HZ	1138	KERR MCGEE OIL & GAS ONSHORE LP	04/26/1992	SI	503	526		7150	6680
103		05-123-14628	11-28A HSR-JERRY 'D'	SARCHET 21-3HZ	1141	KERR MCGEE OIL & GAS ONSHORE LP	07/14/1990	SI	618	526		7161	6630
104		05-123-15410	9-15K UPRC	SARCHET 21-7HZ	1144	KERR MCGEE OIL & GAS ONSHORE LP	11/27/1991	SI	520	526		7090	6289

105		05-123-15658	HSR-VOLLMER 8-17	SARCHET 21-1HZ	1150	KERR MCGEE OIL & GAS ONSHORE LP	04/20/1992	PA	503	526		7124	6633
106		05-123-16874	6-28A HSR-SUTCLIFFE	SARCHET 21-3HZ	1175	KERR MCGEE OIL & GAS ONSHORE LP	03/31/1993	PR	627	526		7179	6250
107		05-123-15679	16-8 HSR-FAIRFAX	SARCHET 21-1HZ	1222	KERR MCGEE OIL & GAS ONSHORE LP	04/09/1992	PA	468	526		7103	6700
108	x	05-123-34900	WEISS 3N-33HZ	SARCHET 21-3HZ	1235	KERR MCGEE OIL & GAS ONSHORE LP	03/26/2012	PR	718	526		7360	830
109	x	05-123-35592	37N-32HZ SARCHET	SARCHET 21-3HZ	1281	KERR MCGEE OIL & GAS ONSHORE LP	07/25/2012	PR	807	526		7334	490
110		05-123-18271	2-28 HSR-BARCLAY	SARCHET 21-7HZ	1285	KERR MCGEE OIL & GAS ONSHORE LP	06/26/1994	PA	655	526		7234	6620
111		05-123-19761	1-29A HSR-MILLER	SARCHET 21-1HZ	1285	KERR MCGEE OIL & GAS ONSHORE LP		AL		526			
112	x	05-123-35847	RAYMOND 16N-29HZ	SARCHET 21-1HZ	1288	KERR MCGEE OIL & GAS ONSHORE LP	08/17/2012	SI	938	526		7541	100
113	x	05-123-35972	37N-28HZ BARCLAY	SARCHET 21-7HZ	1289	KERR MCGEE OIL & GAS ONSHORE LP	12/25/2012	PR	730	526		7397	60
114	x	05-123-35594	37C-32HZ SARCHET	SARCHET 21-3HZ	1311	KERR MCGEE OIL & GAS ONSHORE LP	07/24/2012	PR	812	526		7259	690
115		05-123-08557	1 LEONARD	SARCHET 21-1HZ	1323	CRESTONE PEAK RESOURCES OPERATING LLC	10/25/1975	SI	488	526		7104	6715
116		05-123-25278	09-25 LUCKY L	SARCHET 21-4HZ	1371	KERR MCGEE OIL & GAS ONSHORE LP	07/01/2007	SI	577	526		7037	3044
117	x	05-123-29868	16-22 OLIN STATE L	SARCHET 21-7HZ	1379	KERR MCGEE OIL & GAS ONSHORE LP	11/18/2009	PR	649	526	x	7019	655
118	x	05-123-35591	SARCHET 16N-32HZ	SARCHET 21-3HZ	1381	KERR MCGEE OIL & GAS ONSHORE LP	07/26/2012	PR	804	526		7354	80
119	x	05-123-29807	OLIN STATE L 16-27D	SARCHET 21-7HZ	1382	KERR MCGEE OIL & GAS ONSHORE LP	11/27/2009	SI	657	526	x	7116	314
120	x	05-123-24688	SARCHET 37-21	SARCHET 21-7HZ	1409	KERR MCGEE OIL & GAS ONSHORE LP	01/12/2008	SI	680	526		7202	3690
121	x	05-123-29660	09-24 ANDERSON L	SARCHET 21-7HZ	1411	KERR MCGEE OIL & GAS ONSHORE LP	11/04/2009	SI	554	526		7010	55
122		05-123-24560	24-21 SARCHET	SARCHET 21-7HZ	1414	KERR MCGEE OIL & GAS ONSHORE LP	11/17/2007	PR	685	526		7109	3050

Total Wells: 122

Meets Standard(STD): 37

Needs Evaluation: 85