

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	05-123-09539	3 UPRR 42 PAN AM AJ	RANGER 7-7HZ	0	K P KAUFFMAN COMPANY INC	09/01/1978	PR	731	610			
2	x	05-123-09468	1 UPRR 42 PAN AM AS	RANGER 7-5HZ	11	KERR MCGEE OIL & GAS ONSHORE LP	04/24/1978	PA	211	610		7460	7845
3	x	05-123-11764	FREDERICK UNIT C 1	RANGER 7-12HZ	13	K P KAUFFMAN COMPANY INC	04/06/1984	PR	989	610			
4	x	05-123-20435	14-7 HSR-TROUDT	RANGER 7-7HZ	26	KERR MCGEE OIL & GAS ONSHORE LP		AL		610			
5	x	05-123-09033	DACONO 2	RANGER 7-12HZ	53	K P KAUFFMAN COMPANY INC	02/26/1977	PR	676	610			
6	x	05-123-09029	DACONO 4	RANGER 7-17HZ	57	BATAA OIL	03/13/1977	PA	677	610			
7	x	05-123-19230	DITLEV SIMONSEN GAS UNIT 2	RANGER 7-14HZ	63	KERR MCGEE OIL & GAS ONSHORE LP	10/31/1996	PR	691	610		7450	4300
8	x	05-123-09032	DACONO 1	RANGER 7-17HZ	63	K P KAUFFMAN COMPANY INC	02/10/1977	PR	600	610			
9	x	05-123-09034	DACONO 3	RANGER 7-12HZ	64	K P KAUFFMAN COMPANY INC	01/20/1977	PR	615	610			
10	x	05-123-11465	FREDERICK UNIT 'B' 1	RANGER 7-18HZ	75	K P KAUFFMAN COMPANY INC	11/06/1983	PR	981	610			
11	x	05-123-10349	6 GLENS	RANGER 7-17HZ	82	KERR MCGEE OIL & GAS ONSHORE LP	07/22/1981	SI	813	610		7452	4700
12	x	05-123-09540	4 UPRR 42 PAN AM AJ	RANGER 7-3HZ	87	K P KAUFFMAN COMPANY INC	07/29/1978	PR	708	610			
13	x	05-123-09025	3 DITLEV-SIMONSEN C	RANGER 7-17HZ	90	K P KAUFFMAN COMPANY INC	11/10/1976	PR	640	610			
14	x	05-123-08660	1 DITLEV-SIMONSEN C	RANGER 7-17HZ	94	K P KAUFFMAN COMPANY INC	04/06/1976	PR	628	610			
15	x	05-123-08951	1 DITLEV-SIMONSEN GAS UNIT	RANGER 7-13HZ	94	KERR MCGEE OIL & GAS ONSHORE LP	10/03/1976	PR	659	610		7354	4270
16	x	05-123-11136	1 UPRR 42 PAN AM AS TRUE	RANGER 7-4HZ	102	KERR MCGEE OIL & GAS ONSHORE LP	04/28/1983	SI	1010	610		7492	4130
17	x	05-123-07522	2 GLENS	RANGER 7-14HZ	107	KERR MCGEE OIL & GAS ONSHORE LP	09/04/1972	PR	490	610			
18	x	05-123-10133	10 GLENS	RANGER 7-12HZ	111	KERR MCGEE OIL & GAS ONSHORE LP	12/26/1980	SI	913	610		7412	3666
19	x	05-123-09538	2 UPRR 42 PAN AM AJ	RANGER 7-3HZ	113	K P KAUFFMAN COMPANY INC	07/24/1978	PR	767	610			
20	x	05-123-08659	1 DITLEV-SIMONSEN B	RANGER 7-13HZ	117	K P KAUFFMAN COMPANY INC	04/05/1976	PR	592	610			
21	x	05-123-14622	13-6 GLENS GAS UNIT	RANGER 7-17HZ	123	KERR MCGEE OIL & GAS ONSHORE LP	09/26/1990	SI	784	610		7424	6550
22	x	05-123-08988	2 DITLEV-SIMONSEN C	RANGER 7-12HZ	152	K P KAUFFMAN COMPANY INC	10/07/1976	PR	600	610			
23	x	05-123-12557	1 UPRR 42 PAN AM AV	RANGER 7-3HZ	164	K P KAUFFMAN COMPANY INC	08/21/1985	PR	619	610		7480	3950
24	x	05-123-17944	6-14 GLENS VV	RANGER 7-17HZ	179	KERR MCGEE OIL & GAS ONSHORE LP	05/20/1994	PA	788	610		7456	6996

25	x	05-123-17945	6-15 GLENS VV	RANGER 7-20HZ	238	KERR MCGEE OIL & GAS ONSHORE LP	05/29/1994	PA	763	610		7480	3960
26	x	05-123-26365	DACONO STATE 39-36	RANGER 7-11HZ	248	KERR MCGEE OIL & GAS ONSHORE LP	08/20/2008	SI	906	610		7485	3570
27	x	05-123-25851	DACONO STATE 38-36	RANGER 7-11HZ	283	KERR MCGEE OIL & GAS ONSHORE LP	07/21/2008	PA	889	610		7727	3660
28	x	05-123-08723	3 UPRR 42 PAN AM AE	RANGER 7-20HZ	329	K P KAUFFMAN COMPANY INC	06/04/1977	PR	847	610			
29	x	05-123-08725	5 UPRR 42 PAN AM AE	RANGER 7-20HZ	354	K P KAUFFMAN COMPANY INC	06/20/1977	PR	845	610			
30	x	05-123-09861	GLENS 9	RANGER 7-20HZ	455	PDC ENERGY INC	01/09/1980	PA	626	610			
31	x	05-123-47418	Hingley 3B-18H-N167	RANGER 7-2HZ	508	CRESTONE PEAK RESOURCES OPERATING LLC		XX		610			
32	x	05-123-47420	Hingley 3C-18H-N167	RANGER 7-2HZ	509	CRESTONE PEAK RESOURCES OPERATING LLC		XX		610			
33	x	05-123-47423	Hingley 3A-18H-N167	RANGER 7-1HZ	509	CRESTONE PEAK RESOURCES OPERATING LLC		XX		610			
34	x	05-123-47167	Hingley 1A-18H-A167	RANGER 7-10HZ	513	CRESTONE PEAK RESOURCES OPERATING LLC		XX		610			
35	x	05-123-47421	Hingley 3J-18H-N167	RANGER 7-8HZ	513	CRESTONE PEAK RESOURCES OPERATING LLC		XX		610			
36	x	05-123-47414	Hingley 3K-18H-N167	RANGER 7-9HZ	514	CRESTONE PEAK RESOURCES OPERATING LLC		XX		610			
37	x	05-123-47419	Hingley 3E-18H-N167	RANGER 7-4HZ	520	CRESTONE PEAK RESOURCES OPERATING LLC		XX		610			
38	x	05-123-47422	Hingley 3I-18H-N167	RANGER 7-7HZ	520	CRESTONE PEAK RESOURCES OPERATING LLC		XX		610			
39	x	05-123-47417	Hingley 3F-18H-N167	RANGER 7-4HZ	525	CRESTONE PEAK RESOURCES OPERATING LLC		XX		610			
40	x	05-123-47424	Hingley 3G-18H-N167	RANGER 7-5HZ	527	CRESTONE PEAK RESOURCES OPERATING LLC		XX		610			
41	x	05-123-47416	Hingley 3H-18H-N167	RANGER 7-7HZ	531	CRESTONE PEAK RESOURCES OPERATING LLC		XX		610			
42	x	05-123-47415	Hingley 3D-18H-N167	RANGER 7-3HZ	538	CRESTONE PEAK RESOURCES OPERATING LLC		XX		610			
43	x	05-123-19802	21-18 HINGLEY	RANGER 7-8HZ	560	BATAA OIL		AL		610			
44	x	05-123-47170	Hingley 1B-18H-A167	RANGER 7-10HZ	560	CRESTONE PEAK RESOURCES OPERATING LLC		XX		610			

45	x	05-123-08298	1 GUADAGNOLI	RANGER 7-12HZ	565	K P KAUFFMAN COMPANY INC	06/16/1975	PR	582	610			
46	x	05-123-21520	21-18 HINGLEY	RANGER 7-8HZ	580	MERIT ENERGY COMPANY		AL		610			
47	x	05-123-09860	GLENS 5	RANGER 7-20HZ	580	PDC ENERGY INC	02/18/1980	PA	585	610			
48	x	05-123-08712	2 GRANT BROS. 31-31	RANGER 7-20HZ	617	NOBLE ENERGY INC	12/15/1976	PA	610	610			
49	x	05-123-21084	1-1A SHARPE	RANGER 7-11HZ	668	KERR MCGEE OIL & GAS ONSHORE LP		AL		610			
50	x	05-123-08782	24-30 WOLFF GARDENS	RANGER 7-17HZ	673	NORTH AMERICAN RESOURCES COMPANY	07/31/1976	PA	361	610			
51	x	05-123-08638	2 ROCKY MOUNTAIN FUEL E	RANGER 7-20HZ	695	KERR MCGEE OIL & GAS ONSHORE LP	03/24/1976	PA	635	610			
52	x	05-123-08721	1 UPRR 42 PAN AM AE	RANGER 7-20HZ	698	K P KAUFFMAN COMPANY INC	06/15/1977	PR	834	610			
53	x	05-123-08482	1 C.E. WINGO	RANGER 7-1HZ	705	K P KAUFFMAN COMPANY INC	07/31/1975	PR	755	610			
54	x	05-123-47163	Hingley 1C-18H-A167	RANGER 7-10HZ	707	CRESTONE PEAK RESOURCES OPERATING LLC		XX		610			
55	x	05-123-23857	7-10 TROUDT USX W	RANGER 7-10HZ	727	NOBLE ENERGY INC		AL		610			
56	x	05-123-09130	1 UPRR 42 PAN AM AJ	RANGER 7-10HZ	729	K P KAUFFMAN COMPANY INC	02/18/1977	PR	698	610			
57	x	05-123-08483	2 FOREMAN UNIT	RANGER 7-1HZ	733	K P KAUFFMAN COMPANY INC	07/26/1975	PR	660	610			
58	x	05-123-30458	STONEBRAKER 8-12	RANGER 7-1HZ	734	KERR MCGEE OIL & GAS ONSHORE LP	09/07/2010	SI	1018	610		7624	2180
59	x	05-123-11449	1 FREDERICK UNIT A	RANGER 7-11HZ	739	K P KAUFFMAN COMPANY INC	10/25/1983	PR	980	610			
60	x	05-123-08128	3(S) HINGLEY	RANGER 7-7HZ	751	TEXAS TEA OF COLORADO LLC DBA TEXAS TEA LLC	08/30/1974	PA	168	610			
61	x	05-123-11765	1 FREDERICK UNIT D	RANGER 7-11HZ	758	K P KAUFFMAN COMPANY INC	04/20/1984	PR	354	610			
62	x	05-123-14621	12-6 GLENS GAS UNIT	RANGER 7-20HZ	762	KERR MCGEE OIL & GAS ONSHORE LP	10/04/1990	SI	701	610		7468	6800
63	x	05-123-12769	4 FOREMAN UNIT	RANGER 7-1HZ	771	K P KAUFFMAN COMPANY INC	10/27/1985	PR	838	610		7474	3880
64	x	05-123-12775	2 GRAHAM	RANGER 7-1HZ	779	AMOCO PRODUCTION COMPANY		AL		610			
65	x	05-123-08188	8 STATE	RANGER 7-11HZ	816	K P KAUFFMAN COMPANY INC	12/16/1974	PA	564	610			
66	x	05-123-19963	HSR GRANT BROTHERS 10-31	RANGER 7-20HZ	823	KERR MCGEE OIL & GAS ONSHORE LP	07/24/2000	SI	728	610		7456	6848
67	x	05-123-31093	FREDERICK STATE 1-36	RANGER 7-11HZ	830	KERR MCGEE OIL & GAS ONSHORE LP	04/16/2010	SI	888	610		7757	3176
68	x	05-123-09438	18 STATE	RANGER 7-11HZ	833	K P KAUFFMAN COMPANY INC	03/28/1978	PR	792	610			
69	x	05-123-08491	1 PELTIER UNIT B	RANGER 7-11HZ	835	K P KAUFFMAN COMPANY INC	08/11/1975	PR	595	610			
70	x	05-123-27279	FREDERICK 15-30	RANGER 7-20HZ	841	KERR MCGEE OIL & GAS ONSHORE LP	11/03/2007	PR	993	610		7473	3505

71	x	05-123-09136	1 UPRR 42 PAN AM AI	RANGER 7-11HZ	849	K P KAUFFMAN COMPANY INC	02/23/1977	PR	751	610			
72	x	05-123-09059	2 ROBERT A HOUTCHENS	RANGER 7-11HZ	851	K P KAUFFMAN COMPANY INC	12/15/1976	PR	749	610			
73	x	05-123-09466	14 STATE	RANGER 7-11HZ	851	K P KAUFFMAN COMPANY INC	04/23/1978	PR	839	610			
74	x	05-123-16056	42-12 STONEBRAKER	RANGER 7-11HZ	862	K P KAUFFMAN COMPANY INC	08/28/1992	PR	730	610			
75	x	05-123-21039	8-36A STREAR STATE	RANGER 7-11HZ	884	KERR MCGEE OIL & GAS ONSHORE LP	09/07/2002	SI	849	610		7342	6600
76	x	05-123-47168	Hingley 1D-18H-A167	RANGER 7-10HZ	893	CRESTONE PEAK RESOURCES OPERATING LLC		XX		610			
77	x	05-123-25852	DACONO STATE 16-36	RANGER 7-11HZ	898	KERR MCGEE OIL & GAS ONSHORE LP	08/06/2008	SI	988	610		7560	3465
78	x	05-123-26492	9-36 DACONO STATE	RANGER 7-11HZ	906	KERR MCGEE OIL & GAS ONSHORE LP	08/14/2008	SI	908	610		7378	6766
79	x	05-123-08974	1 JOHN MARTINEZ GAS UNIT	RANGER 7-16HZ	907	KERR MCGEE OIL & GAS ONSHORE LP	10/26/1976	PA	659	610		7315	6500
80	x	05-123-20357	1-36A CONNIE STATE (HSR)	RANGER 7-11HZ	945	KERR MCGEE OIL & GAS ONSHORE LP	09/12/2001	PA	551	610		7316	6740
81	x	05-123-15263	1 UPRR 42 PAN AM /AW/	RANGER 7-20HZ	978	AMOCO PRODUCTION COMPANY		AL		610			
82	x	05-123-11052	TROUDT USX VV 07-23	RANGER 7-10HZ	979	KERR MCGEE OIL & GAS ONSHORE LP	04/16/1983	PA	966	610		7414	3725
83	x	05-123-10367	1-B HINGLEY	RANGER 7-10HZ	980	VESSELS OIL & GAS COMPANY	08/16/1981	PA	738	610			
84	x	05-123-16475	31-9N UPRC	RANGER 7-20HZ	1004	SNYDER OIL CORP		AL		610			
85	x	05-123-08362	1 HALEY 41-13	RANGER 7-1HZ	1009	KERR MCGEE OIL & GAS ONSHORE LP	04/14/1975	SI	227	610			
86	x	05-123-09061	1 PELTIER UNIT C	RANGER 7-11HZ	1028	K P KAUFFMAN COMPANY INC	12/26/1976	PA	761	610			
87	x	05-123-08190	10 STATE	RANGER 7-11HZ	1054	AMOCO PRODUCTION COMPANY	12/21/1974	PA	580	610			
88	x	05-123-08818	2 THOMAS L. RUSSELL 'D'	RANGER 7-11HZ	1075	K P KAUFFMAN COMPANY INC	05/18/1976	PR	574	610			
89	x	05-123-10624	1-A HINGLEY	RANGER 7-4HZ	1076	VESSELS OIL & GAS COMPANY		AL		610			
90	x	05-123-27077	CENTEX 16-25	RANGER 7-11HZ	1084	KERR MCGEE OIL & GAS ONSHORE LP	08/30/2008	SI	905	610		7467	7000
91	x	05-123-26866	17-36 DACONO STATE	RANGER 7-11HZ	1114	KERR MCGEE OIL & GAS ONSHORE LP		AL		610			
92	x	05-123-35310	VV07-07D HI USX	RANGER 7-10HZ	1135	NOBLE ENERGY INC		AL		610			
93	x	05-123-35309	VV07-02D HI USX	RANGER 7-10HZ	1158	NOBLE ENERGY INC		AL		610			
94	x	05-123-47162	Hingley 1E-18H-A167	RANGER 7-10HZ	1192	CRESTONE PEAK RESOURCES OPERATING LLC		XX		610			
95	x	05-123-07994	1 PELTIER GAS UNIT	RANGER 7-11HZ	1197	KERR MCGEE OIL & GAS ONSHORE LP	01/30/1975	SI	548	610			
96	x	05-123-09524	INVESTMENT-USX VV 7-17	RANGER 7-10HZ	1259	KERR MCGEE OIL & GAS ONSHORE LP	06/24/1978	SI	254	610	x	7450	7058

97	x	05-123-23803	2-18 BRIDLE CREEK	RANGER 7-5HZ	1288	K P KAUFFMAN COMPANY INC		AL		610			
98	x	05-123-07448	1 GLENS	RANGER 7-20HZ	1288	PDC ENERGY INC	04/19/1972	PA	460	610		7410	6964
99	x	05-123-14034	2J HINGLEY	RANGER 7-5HZ	1308	PDC ENERGY INC	08/11/1988	PA	318	610		7414	6733
100	x	05-123-19068	41-36 DACONO	RANGER 7-11HZ	1313	BASIN EXPLORATION INC		AL		610			
101	x	05-123-47171	Hingley 1F-18H-A167	RANGER 7-10HZ	1340	CRESTONE PEAK RESOURCES OPERATING LLC		XX		610			
102	x	05-123-30441	STONEBRAKER 24-12	RANGER 7-1HZ	1414	KERR MCGEE OIL & GAS ONSHORE LP	09/14/2010	SI	1018	610		7586	4690
103	x	05-123-47169	Hingley 1G-18H-A167	RANGER 7-10HZ	1487	CRESTONE PEAK RESOURCES OPERATING LLC		XX		610			
104	x	05-123-09656	E GRAHAM C 1	RANGER 7-1HZ	1497	KERR MCGEE OIL & GAS ONSHORE LP	12/27/1978	PA	842	610		7468	7320

Total Wells: 104

Meets Standard(STD): 104

Needs Evaluation: 0