

# 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	05-123-08122	1-A APPEL (MARTIN)	LAND 28N- 29HZ	4	FOUNDATION ENERGY MANAGEMENT LLC	12/02/1974	PR	577	830			
2	x	05-123-16616	32-30DK APPEL HEIRS FEDERAL	LAND FED 3N-32HZ	8	KERR MCGEE OIL & GAS ONSHORE LP	12/28/1992	PR	807	830			
3	x	05-123-08542	1 PUTNAM	LAND FED 29N-29HZ	30	PDC ENERGY INC	10/06/1975	PR	680	830		7140	
4	x	05-123-19736	W 32-05di APPEL HEIRS FEDERAL	LAND FED 34C-32HZ	75	KERR MCGEE OIL & GAS ONSHORE LP	09/02/1999	PR	901	830			7003
5	x	05-123-09923	2 BRAND	LAND 28N- 29HZ	100	ENERGY MINERALS CORP	02/16/1980	DA					
6	x	05-123-18752	32-3K6 APPEL HEIRS FEDERAL	LAND FED 3N-32HZ	109	KERR MCGEE OIL & GAS ONSHORE LP	11/25/1994	PA					
7	x	05-123-28060	W 29-20D ALE FEDERAL	LAND FED 29C-29HZ	113	KERR MCGEE OIL & GAS ONSHORE LP	03/05/2010	PR	900	830		7216	6596
8	x	05-123-08746	1 BRAND	LAND 28N- 29HZ	116	FOUNDATION ENERGY MANAGEMENT LLC	06/19/1976	PR	696	830			
9	x	05-123-19642	29-6D SHIVERS W FEDERAL	LAND 28N- 29HZ	129	KERR MCGEE OIL & GAS ONSHORE LP	02/08/1999	PR	781	830			
10	x	05-123-14364	2-29 SHIVERS GU FEDERAL	LAND FED 35N-29HZ	149	KERR MCGEE OIL & GAS ONSHORE LP	08/03/1989	PR	746	830		7092	6094
11	x	05-123-14913	4-29 APPEL	LAND FED 29N-29HZ	169	KERR MCGEE OIL & GAS ONSHORE LP	02/27/1991	PR	708	830		7106	3508
12	x	05-123-08029	2 APPEL	LAND FED 29N-29HZ	186	FOUNDATION ENERGY MANAGEMENT LLC		PR	607	830			
13	x	05-123-28059	29-18 ALE W	LAND 28N- 29HZ	198	NOBLE ENERGY INC		AL					
14	x	05-123-20083	29-4JI SHIVERS W FEDERAL	LAND FED 29N-29HZ	208	KERR MCGEE OIL & GAS ONSHORE LP	11/11/2000	PR	789	755			6738
15	x	05-123-09050	3 APPEL	LAND FED 29N-29HZ	221	MARTIN OIL SERVICE INC	12/09/1977	DA					
16	x	05-123-28065	29-21 ALE W	LAND 28N- 29HZ	259	KERR MCGEE OIL & GAS ONSHORE LP	11/04/2008	PR	863	830		7092	2840
17	x	05-123-08026	1 APPEL	LAND FED 30N-29HZ	290	MARTIN OIL SERVICE INC	04/22/1974	DA					
18	x	05-123-19747	24-29 PUTNAM	LAND FED 35N-29HZ	310	PDC ENERGY INC	02/21/1999	PR	841	830			6636
19		05-123-08406	1 PACHECO HEIRS GAS UNIT	LAND 14N- 32HZ	428	KERR MCGEE OIL & GAS ONSHORE LP	09/08/1975	PR	204	830			
20	x	05-123-19814	24-20 SUCCO	LAND 28N- 29HZ	484	PDC ENERGY INC	10/01/1999	PR	780	830			6838
21	x	05-123-28064	29-24 ALE W	LAND 28N- 29HZ	512	KERR MCGEE OIL & GAS ONSHORE LP	11/09/2008	PR	850	830		7157	3758
22	x	05-123-19801	14-20 SUCCO	LAND FED 29N-29HZ	524	BATAA OIL INC.		AL					
23	x	05-123-30219	29-18 VYNCKIER W	LAND 28N- 29HZ	535	KERR MCGEE OIL & GAS ONSHORE LP	03/05/2010	PR	809	830		7108	2364
24	x	05-123-33192	FEHRN 25-32	LAND 14N- 32HZ	597	KERR MCGEE OIL & GAS ONSHORE LP	07/04/2011	PR	908	830		7460	7202
25	x	05-123-33147	CARTER 23-32	LAND 14N- 32HZ	629	KERR MCGEE OIL & GAS ONSHORE LP	05/04/2011	PR	905	830		7424	163

26	x	05-123-33143	CARTER 36-32	LAND 14N-32HZ	639	KERR MCGEE OIL & GAS ONSHORE LP	05/04/2011	PR	907	830		7707	360
27	x	05-123-21291	44-30 EWING	LAND FED 30C-29HZ	675	ENCANA OIL & GAS (USA) INC		AL					
28	x	05-123-08784	2 SUCCO	LAND FED 29N-29HZ	716	PETERSON ENERGY OPERATING INC	07/25/1976	PA					
29	x	05-123-07949	1 SUCCO	LAND FED 35N-29HZ	739	VESSELS OIL & GAS COMPANY	11/29/1973	PA					
30	x	05-123-08035	2 COUNTER	LAND FED 30C-29HZ	769	TOP OPERATING COMPANY	06/27/1974	PR	512	830			
31	x	05-123-14594	43-30 MILLARD	LAND FED 30C-29HZ	785	FOUNDATION ENERGY MANAGEMENT LLC	06/01/1990	PR	711	830			4102
32	x	05-123-10297	3 COUNTER	LAND FED 30C-29HZ	793	TOP OPERATING COMPANY	06/29/1981	PR	545	830			
33	x	05-123-21282	43-30 EWING	LAND FED 30C-29HZ	793	ENCANA OIL & GAS (USA) INC	03/10/2003	PR	771	830			6701
34	x	05-123-07873	1 PUTNAM	LAND 28N-29HZ	855	BWAB INC	09/27/1973	PA					
35	x	05-123-19687	W 29-10DI ALE PARTNERSHIP FEDERAL	LAND 28N-29HZ	862	KERR MCGEE OIL & GAS ONSHORE LP	01/12/1999	PR	893	830			6866
36	x	05-123-07894	2 SHIVERS	LAND 28N-29HZ	1003	NOBLE ENERGY PRODUCTION INC	11/27/1973	PA					
37	x	05-123-08017	1 NEFF	LAND FED 30C-29HZ	1011	FOUNDATION ENERGY MANAGEMENT LLC	04/24/1974	PR	597	722			
38	x	05-123-33136	CARTER 15-32SX	LAND 14N-32HZ	1045	KERR MCGEE OIL & GAS ONSHORE LP	05/05/2011	SI	906	830			
39	x	05-123-33203	FEHRN 7-32SX	LAND 14N-32HZ	1061	KERR MCGEE OIL & GAS ONSHORE LP	07/15/2011	PR	907	830			
40	x	05-123-20152	44-19 BANGERT	LAND FED 30C-29HZ	1062	ENCANA OIL & GAS (USA) INC	12/16/2000	PR	786	830			6625
41	x	05-123-08895	2 JAMES A DAMIANA	LAND 28N-29HZ	1089	K P KAUFFMAN COMPANY INC	09/01/1976	PR	822	830			
42	x	05-123-08775	4 SHIVERS	LAND 28N-29HZ	1200	KERR MCGEE OIL & GAS ONSHORE LP	10/01/1976	PA					
43	x	05-123-33141	CARTER 10-32	LAND 14N-32HZ	1219	KERR MCGEE OIL & GAS ONSHORE LP	05/03/2011	PR	908	830		7203	215
44		05-123-11812	1 DALE EWING	LAND FED 30C-29HZ	1290	ENCANA OIL & GAS (USA) INC		PR	726	830			
45		05-123-07371	1 COUNTER BEN F.	LAND FED 30C-29HZ	1295	TOP OPERATING COMPANY		PR	216	722			
46	x	05-123-19790	HSR AMELIA & ELIZABETH FEDERAL 4-5	LAND FED 35C-32HZ	1323	KERR MCGEE OIL & GAS ONSHORE LP	01/17/2000	PR	929	722		7904	7300
47	x	05-123-33142	CARTER 15-32	LAND 14N-32HZ	1335	KERR MCGEE OIL & GAS ONSHORE LP	05/06/2011	PR	906	830		7465	548
48	x	05-123-14452	2-29 PUTNAM FEDERAL	LAND 28N-29HZ	1380	KERR MCGEE OIL & GAS ONSHORE LP	10/21/1989	PR	786	830		7144	6248
49	x	05-123-21240	31-8D GNB W	LAND FED 34N-32HZ	1443	NOBLE ENERGY PRODUCTION INC		AL					
50		05-123-09123	3 SUCCO GAS UNIT	LAND FED 35N-29HZ	1457	PDC ENERGY INC	02/15/1977	PR	811	760			
51	x	05-123-41487	FEHRN 37C-29HZ	LAND 28N-29HZ	1497	KERR MCGEE OIL & GAS ONSHORE LP	06/13/2015	DG					

Total Wells:	<u>51</u>
Meets Standard(STD):	<u>47</u>
Needs Evaluation:	<u>4</u>