

# 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		05-123-40389	Hankins 20R-303	CUMMINGS 19-5HZ	0	PDC ENERGY INC		AL		600			
2		05-123-40390	Hankins 20R-403	CUMMINGS 19-5HZ	0	PDC ENERGY INC		AL		600			
3		05-123-40391	Hankins 20M-423	CUMMINGS 19-5HZ	0	PDC ENERGY INC		AL		600			
4		05-123-40392	Hankins 20M-203	CUMMINGS 19-5HZ	0	PDC ENERGY INC		AL		600			
5		05-123-40393	Hankins 20M-323	CUMMINGS 19-5HZ	0	PDC ENERGY INC		AL		600			
6		05-123-40767	Hankins 20R-243	CUMMINGS 19-5HZ	0	PDC ENERGY INC		AL		600			
7		05-123-27398	19-22 CUMMINGS	CUMMINGS 19-4HZ	9	KERR MCGEE OIL & GAS ONSHORE LP	01/10/2007	PR	402	600		6744	2044
8	x	05-123-10781	42-20 HANKINS	CUMMINGS 19-9HZ	27	PDC ENERGY INC		PA	553	600		6788	6320
9	x	05-123-11356	4 HANKINS	CUMMINGS 19-4HZ	58	PDC ENERGY INC		PA	529	600		6838	6154
10	x	05-123-29094	20R-DU HANKINS	CUMMINGS 19-4HZ	71	PDC ENERGY INC		AL		600			
11		05-069-06340	24-12 CALKINS	CUMMINGS 19-3HZ	88	NOBLE ENERGY INC		AL		600			
12	x	05-123-07262	1 PANSY P HANKINS	CUMMINGS 19-9HZ	89	AMOCO PRODUCTION COMPANY		PA	912	600			
13	x	05-123-29095	20CU HANKINS	CUMMINGS 19-6HZ	91	PDC ENERGY INC		AL		600			
14	x	05-123-25555	19-14 DEWALT	CUMMINGS 19-11HZ	113	KERR MCGEE OIL & GAS ONSHORE LP	03/16/2008	PA	390	600		6762	50
15	x	05-123-24074	6-20 UIV	CUMMINGS 19-11HZ	123	KERR MCGEE OIL & GAS ONSHORE LP	10/24/2006	SI	520	600		6828	2232
16		05-123-24302	19-25 CUMMINGS	CUMMINGS 19-6HZ	143	NOBLE ENERGY INC		AL		600			
17	x	05-123-10856	3 HANKINS	CUMMINGS 19-4HZ	152	PDC ENERGY INC		PA	516	600		6824	6000
18	x	05-123-24303	19-24 CUMMINGS	CUMMINGS 19-9HZ	156	KERR MCGEE OIL & GAS ONSHORE LP	04/15/2008	PR	369	600		6754	465
19	x	05-123-11357	5 HANKINS	CUMMINGS 19-9HZ	159	PDC ENERGY INC		PA	500	600		6800	5930
20	x	05-123-07318	2 PANSY P HANKINS	CUMMINGS 19-13HZ	160	AMOCO PRODUCTION COMPANY	05/08/1971	PA	277	600			
21	x	05-069-06339	24-14 CALKINS	CUMMINGS 19-10HZ	162	EXTRACTION OIL & GAS INC	04/20/2008	PR	414	600		6664	250
22		05-123-27397	19-23 CUMMINGS	CUMMINGS 19-9HZ	163	KERR MCGEE OIL & GAS ONSHORE LP	01/19/2007	PR	403	600		6708	3135
23		05-123-21825	5-20 UIV LAND	CUMMINGS 19-11HZ	166	KERR MCGEE OIL & GAS ONSHORE LP	12/23/2003	PA	450	600		6790	3970
24		05-123-11706	1 AMEN	CUMMINGS 19-5HZ	186	KERR MCGEE OIL & GAS ONSHORE LP		PA	341	600		6747	6306
25	x	05-123-23926	18-20 UIV	CUMMINGS 19-6HZ	188	KERR MCGEE OIL & GAS ONSHORE LP	10/07/2006	SI	536	600		6806	1104
26		05-123-23499	DEWALT 19-11	CUMMINGS 19-4HZ	192	KERR MCGEE OIL & GAS ONSHORE LP	11/24/2007	PA	410	600		6824	0
27	x	05-123-21827	3-20 ZIMMERMAN	CUMMINGS 19-5HZ	204	KERR MCGEE OIL & GAS ONSHORE LP	05/25/2004	SI	459	600		6850	3670

28	x	05-123-24083	UIV 22-20	CUMMINGS 19-13HZ	284	KERR MCGEE OIL & GAS ONSHORE LP	10/30/2006	SI	499	600		6924	1673
29	x	05-069-06338	24-11 CALKINS	CUMMINGS 19-3HZ	295	EXTRACTION OIL & GAS INC	08/28/2009	PR	380	600			6500
30	x	05-069-06483	FOLLEY SOUTH 3	CUMMINGS 19-7HZ	335	KERR MCGEE OIL & GAS ONSHORE LP	08/24/2016	PR	1856	600		7052	22
31	x	05-123-27071	21F WIEDEMAN	CUMMINGS 19-6HZ	706	UNIOIL		AL		600			
32		05-123-10773	Amen 1	CUMMINGS 19-2HZ	732	KP KAUFFMAN COMPANY INC	08/24/1982	PR	650	600	x		6280
33	x	05-123-25085	43-20U HANKINS	CUMMINGS 19-13HZ	757	PDC ENERGY INC	05/06/2007	PR	486	600		6820	2090
34	x	05-123-33371	17-24D ZIMMERMAN USX N	CUMMINGS 19-2HZ	767	NOBLE ENERGY INC		AL		600			
35	x	05-123-24027	24-17 ZIMMERMAN	CUMMINGS 19-2HZ	770	KERR MCGEE OIL & GAS ONSHORE LP	10/12/2006	PA	446	600		6872	6112
36		05-123-22355	19-42 DEWALT	CUMMINGS 19-13HZ	794	KERR MCGEE OIL & GAS ONSHORE LP	09/23/2004	PA	386	600		6706	6154
37	x	05-123-29201	17Y-DU HANKINS	CUMMINGS 19-2HZ	911	PDC ENERGY INC		AL		600			
38	x	05-123-25215	44-17U HANKINS	CUMMINGS 19-2HZ	914	PDC ENERGY INC	12/04/2007	PA	494	600		6889	6394
39	x	05-123-25214	34-17U HANKINS	CUMMINGS 19-2HZ	931	PDC ENERGY INC	12/09/2007	PA	492	600		6886	6456
40		05-123-21849	12-20 CROISSANT	CUMMINGS 19-13HZ	937	KERR MCGEE OIL & GAS ONSHORE LP	12/31/2003	SI	445	600		6753	4050
41		05-123-21351	14-17 ZIMMERMAN	CUMMINGS 19-2HZ	938	PDC ENERGY INC	02/25/2003	SI	412	600		6852	6357
42		05-123-25917	44-18 SCHWALM	CUMMINGS 19-2HZ	942	PDC ENERGY INC		AL		600			
43	x	05-069-06484	FOLLEY SOUTH 1	CUMMINGS 19-1HZ	962	KERR MCGEE OIL & GAS ONSHORE LP	08/25/2016	PR	1843	600		7026	36
44	x	05-123-19512	11-20 HSR- CROISSANT	CUMMINGS 19-13HZ	965	KERR MCGEE OIL & GAS ONSHORE LP		PR	393	600		6796	6290
45	x	05-123-25245	11-21U WIEDEMAN	CUMMINGS 19-4HZ	966	PDC ENERGY INC	01/18/2008	PR	566	600		6848	6070
46		05-123-23444	COULSON 19- 32	CUMMINGS 19-13HZ	995	KERR MCGEE OIL & GAS ONSHORE LP	07/12/2006	PA	402	600		6657	2576
47	x	05-123-25807	19-41 DEWALT	CUMMINGS 19-13HZ	1016	KERR MCGEE OIL & GAS ONSHORE LP	06/26/2008	PR	396	600		6708	216
48		05-123-25246	12-21U WIEDEMAN	CUMMINGS 19-13HZ	1093	PDC ENERGY INC	12/29/2007	SI	562	600		6838	6206
49		05-123-25216	13-21 WIEDEMAN	CUMMINGS 19-13HZ	1156	PDC ENERGY INC	05/26/2007	PR	575	600		6815	6340
50		05-123-29101	21G-DU WIEDEMAN	CUMMINGS 19-13HZ	1196	PDC ENERGY INC		AL		600			
51		05-123-10975	1 HARDMAN	CUMMINGS 19-2HZ	1303	PDC ENERGY INC		PA	515	600		6871	6170
52	x	05-123-27072	21H WIEDEMAN	CUMMINGS 19-13HZ	1406	PDC ENERGY INC		AL		600			
53		05-123-10593	1 AMEN	CUMMINGS 19-13HZ	1457	KERR MCGEE OIL & GAS ONSHORE LP		PA	353	600		6690	6440

Total Wells: 53

Meets Standard(STD): 29

Needs Evaluation: 24