

PROPOSED HORIZONTAL WELL(S)													
		Surface Location				Surface Location						Surface Location	
Well Name and Number		QQ-Section-Twp-Range		Well Name and Number		QQ-Section-Twp-Range		Well Name and Number		QQ-Section-Twp-Range		Well Name and Number	
Josephine 19M-404		SWNE - 19 - 5N - 64W		Josephine 19N-314		SWNE - 19 - 5N - 64W		Josephine 19O-214		SWNE - 19 - 5N - 64W		Josephine 19O-214	
Josephine 19M-234		SWNE - 19 - 5N - 64W		Josephine 19N-404		SWNE - 19 - 5N - 64W		Josephine 19O-314		SWNE - 19 - 5N - 64W		Josephine 19O-314	
Josephine 19M-334		SWNE - 19 - 5N - 64W		Josephine 19N-204		SWNE - 19 - 5N - 64W		Josephine 19O-204		SWNE - 19 - 5N - 64W		Josephine 19O-204	
Josephine 19N-214		SWNE - 19 - 5N - 64W		Josephine 19N-334		SWNE - 19 - 5N - 64W							
Operator's Wellbore Integrity Contact: jordan.tansiongco@pdce.com													
OFFSET WELL EVALUATIONS													
Offset Well API #	Offset Well Name	Nearest Proposed Horizontal Well Name	Shortest Horizontal Distance from Offset Well to any Proposed HZ Well	Offset Well Operator	Offset Well Spud Date	Offset Well Status	Offset Well Surface Casing Setting Depth	Base of Fox Hills (DJ) or Depth of Deepest Water Well (Statewide)	Historical Remedial Work to Provide Fox Hills Coverage (DJ Only)	Offset Well Objective Formation Top	Offset Well Top of Production Casing Cement	Required Comments	
05-123-11648	KLEIN 1-19-5-64	JOSEPHINE 19O-214	66	NOBLE ENERGY INC	11/15/1992	PR	347	155	2380-2864	6589	6085		
05-123-11811	MAXEY 1	JOSEPHINE 19O-204	701	LYCO ENERGY CORPORATION	5/17/1984	PA	336	163	0-390	6878	5994		
05-123-12091	MCCAULEY 1	JOSEPHINE 19N-214	106	NOBLE ENERGY INC	12/4/1984	PR	335	161		6605	6106		
05-123-12330	KLEIN 2-19	JOSEPHINE 19M-334	52	NOBLE ENERGY INC	3/6/1985	PR	309	152		6576	6980		
05-123-12887	KEENSBURG 2	JOSEPHINE 19N-214	104	NOBLE ENERGY INC	4/21/1986	PA	318	156	268-368	6583	5945		
05-123-13724	LEWIS KLEIN 19-2	JOSEPHINE 19O-214	617	PDC ENERGY INC	12/9/1987	PA	322	145	30-540	6634	5916		
05-123-13746	GLADYS 19-1	JOSEPHINE 19O-204	753	PARKER & PARSLY DEV L P		AL							
05-123-14793	HOSHIKO 5	JOSEPHINE 19M-404	921	MERIT ENERGY COMPANY	1/22/1991	PA	285	159	235-385	6614	6180		
05-123-14794	HOSHIKO 4	JOSEPHINE 19M-404	897	PDC ENERGY INC	1/15/1991	PA	316	156	0-522	6624	6130		
05-123-15494	WATTERS 13-14B	JOSEPHINE 19M-404	906	PDC ENERGY INC	1/14/1992	PR	518	363		6609	5834		
05-123-16756	HSR HEPPBERGER 11-24	JOSEPHINE 19O-204	1091	NOBLE ENERGY INC	2/18/1993	PR	361	266		6600	5858		
05-123-17690	STROMBERGER 24-6H5	JOSEPHINE 19O-214	832	NOBLE ENERGY INC	1/12/1994	PR	511	266		6617	3640		
05-123-17691	SANDIN 24-7H5	JOSEPHINE 19N-334	96	NOBLE ENERGY INC	9/17/1994	PR	414	159		6580	5500		
05-123-17692	SANDIN 24-8H5	JOSEPHINE 19N-334	81	NOBLE ENERGY INC	9/25/1994	PR	421	158		6582	6246		
05-123-18879	HOWARD 24-18	JOSEPHINE 19M-404	703	PDC ENERGY INC	1/2/1997	PA	358	148	0-573	6572	6120		
05-123-19476	HETTINGER 34-18	JOSEPHINE 19M-404	988	PDC ENERGY INC	11/29/1997	PA	355	144	0-580	6562	6068		
05-123-19493	MAXEY 33-24	JOSEPHINE 19O-204	787	PDC ENERGY INC	12/7/1997	PR	363	172	3300-3700	6594	6212		
05-123-20129	SETH 1	JOSEPHINE 19M-334	743	PDC ENERGY INC	12/19/2000	PR	363	142		6569	5930		
05-123-20131	EMILY 1	JOSEPHINE 19O-204	844	PDC ENERGY INC	1/19/2001	PR	363	146		6539	5986		
05-123-20132	AUSTIN 1	JOSEPHINE 19O-204	985	PDC ENERGY INC	1/14/2001	PA	361	142	0-806	6584	0		
05-123-20240	HOWARD 14-18	JOSEPHINE 19M-404	703	PDC ENERGY INC	9/21/2002	PR	398	150		6598	2728		
05-123-20685	DEJONG 3-24	JOSEPHINE 19N-214	626	NOBLE ENERGY INC	4/13/2003	PR	702	266		6620	6070		
05-123-21808	KLEIN USX B 19-04	JOSEPHINE 19M-334	123	NOBLE ENERGY INC	3/15/2005	PR	542	151		6578	6200		
05-123-23345	KLEIN B 19-6	JOSEPHINE 19N-334	50	NOBLE ENERGY INC	12/7/2005	PR	575	148		6570	6010		
05-123-23688	MAXEY HOFF 2	JOSEPHINE 19O-204	1028	PDC ENERGY INC	4/20/2006	PR	362	157		6646	419		
05-123-24370	KLEIN B 19-19	JOSEPHINE 19N-404	28	NOBLE ENERGY INC	12/16/2006	PR	587	148		6582	2005		
05-123-24774	SETH 5	JOSEPHINE 19N-334	1271	PDC ENERGY INC	11/21/2008	PR	379	148		6556	54		
05-123-25451	MAXEY 43-24	JOSEPHINE 19O-204	708	PDC ENERGY INC	10/27/2008	PR	387	165		6679	800		
05-123-26617	MAXEY 24D	JOSEPHINE 19O-204	1332	PDC ENERGY INC	11/3/2008	PR	387	170		6676	734		
05-123-30635	HOP F 13-24D	JOSEPHINE 19M-404	978	NOBLE ENERGY INC		AL							
05-123-32460	MAXEY 24XD	JOSEPHINE 19O-204	1348	PDC ENERGY INC		AL							
05-123-32461	MAXEY 24PD	JOSEPHINE 19O-204	1325	PDC ENERGY INC		AL							
05-123-32463	MAXEY 24SD	JOSEPHINE 19O-204	1302	PDC ENERGY INC		AL							
05-123-32645	KLEIN B19-29D	JOSEPHINE 19N-214	97	NOBLE ENERGY INC		AL							
05-123-32708	KLEIN B19-20D	JOSEPHINE 19N-334	105	NOBLE ENERGY INC		AL							
05-123-32919	SANDIN FARMS B19-32D	JOSEPHINE 19N-334	6	NOBLE ENERGY INC		AL							
05-123-33227	MCCAULEY B 19-31D	JOSEPHINE 19N-214	51	NOBLE ENERGY INC		AL							
05-123-33228	MCCAULEY B 19-30D	JOSEPHINE 19N-214	77	NOBLE ENERGY INC		AL							
05-123-37640	MAXEY 24O-232	JOSEPHINE 19O-204	394	PDC ENERGY INC	5/29/2014	PR	939	167		6576	0		
05-123-37641	MAXEY 24P-402	JOSEPHINE 19O-204	391	PDC ENERGY INC	5/6/2014	PR	930	171		6660	0		
05-123-37642	MAXEY 24P-312	JOSEPHINE 19O-204	394	PDC ENERGY INC	5/18/2014	PR	922	170		6637	505		
05-123-37719	MAXEY 24O-402	JOSEPHINE 19O-204	271	PDC ENERGY INC	6/13/2014	PR	936	166		6907	800		
05-123-40145	KLEIN 19N-302	JOSEPHINE 19O-314	353	PDC ENERGY INC	7/13/2016	XX							
05-123-40146	KLEIN 19O-402	JOSEPHINE 19O-314	510	PDC ENERGY INC	8/1/2016	XX							
05-123-40147	KLEIN 19O-232	JOSEPHINE 19O-314	516	PDC ENERGY INC	8/11/2016	XX							
05-123-40148	KLEIN 19O-212	JOSEPHINE 19O-314	501	PDC ENERGY INC	7/25/2016	XX							
05-123-40149	KLEIN 19P-202	JOSEPHINE 19O-314	371	PDC ENERGY INC	6/2/2016	XX							

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05-123-40150	KLEIN 19N-432	JOSEPHINE 19O-314	357	PDC ENERGY INC	7/5/2016	XX						
05-123-40151	KLEIN 19O-302	JOSEPHINE 19O-314	506	PDC ENERGY INC	8/1/2016	XX						
05-123-40155	KLEIN 19P-312	JOSEPHINE 19O-314	363	PDC ENERGY INC	6/12/2016	XX						
05-123-40247	KLEIN 19N-312	JOSEPHINE 19N-214	280	PDC ENERGY INC	9/21/2016	XX						
05-123-40248	KLEIN 19M-402	JOSEPHINE 19N-214	200	PDC ENERGY INC	11/17/2016	XX						
05-123-40249	KLEIN 19N-202ST	JOSEPHINE 19N-214	252	PDC ENERGY INC	10/4/2016	XX						