

PROPOSED HORIZONTAL WELL(S)												
Well Name and Number		Surface Location QQ-Section-Twp-Range		Well Name and Number		Surface Location QQ-Section-Twp-Range		Well Name and Number		Surface Location QQ-Section-Twp-Range		
Alles 22S-432		22-5N-65W										
Alles 22D-212		22-5N-65W										
Alles 22D-402		22-5N-65W										
Operator's Wellbore Integrity Contact				Joel Iglil (joel.iglil@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 or Depth of Deepest offset Water Well	Historical Remedial Work to Provide Fox Hills Coverage	Offset Well Objective Formation Top	Offset Well Top of Production Casing Cement	Comments (Optional)
51231158300	1 RIVER	Alles 22S-432	965	PDC ENERGY INC	12/26/1983	PR	568	350	-	6678	6035	
51231188600	23-1 DOLL	Alles 22S-432	896	NOBLE ENERGY INC	7/6/1984	PR	404	350	-	6738	6460	
51231242800	1 HENRY SCHEIDT UNIT	Alles 22D-212	1167	AMOCO PRODUCTION CO.	5/16/1985	PA	574	350	-	6623	6600	
51231254000	12-23 BUDERUS	Alles 22D-212	206	PDC ENERGY INC	8/4/1985	PR	305	350	-	6603	6282	
51231254100	13-23 BUDERUS	Alles 22D-402	562	PDC ENERGY INC	7/30/1985	SI	306	350	-	6657	6440	
51231259300	1-23 MARIE	Alles 22D-402	755	PDC ENERGY INC	11/27/1985	PR	340	350	-	6654	6068	
51231265600	1-23 BROWN	Alles 22D-402	594	PDC ENERGY INC	12/21/1985	PR	309	350	-	6708	6170	
51231267200	1-23 ESTHER	Alles 22D-212	105	PDC ENERGY INC	9/23/1985	PR	328	350	-	6631	6100	
51231286800	1-23 LILLIE	Alles 22D-212	117	PDC ENERGY INC	12/5/1985	PR	335	350	-	6642	4390	
51231290200	1-23 SUSAN	Alles 22S-432	826	PDC ENERGY INC	12/16/1985	PR	340	350	-	6638	6110	
51231306400	44-22 LOFLAND	Alles 22D-402	672	PDC ENERGY INC	5/20/1986	PR	302	350	-	6672	6311	
51231416300	9-22 ALLES	Alles 22D-212	48	PDC ENERGY INC	1/11/1989	PR	314	350	-	6993	6222	
51231421600	23-5 DOLL PM F	Alles 22S-432	729	NOBLE ENERGY INC	7/1/1989	PR	316	350	-	6659	6126	
51231675700	13-24 HSR LARIMER	Alles 22D-402	1416	KERR-MCGEE OIL & GAS ONSHORE LP	2/25/1993	PR	374	350	-	6656	6170	
51231920500	22-43 LOFLAND	Alles 22D-402	1212	NOBLE ENERGY INC	10/1/1996	PR	354	350	-	6662	1900	
51231922700	22-42 LOFLAND	Alles 22D-212	398	NOBLE ENERGY INC	10/7/1996	PR	394	350	-	6712	6400	
51231925600	22-13 LORENZ FARMS	Alles 22S-432	1231	PDC ENERGY INC	11/23/1996	PR	393	350	-	6650	0	
51232044000	23-13 ALLES	Alles 22S-432	1097	PDC ENERGY INC	12/9/2002	PR	414	350	-	6633	6115	
51232044100	23-43 BROWN	Alles 22D-402	510	PDC ENERGY INC	11/29/2002	PR	447	350	-	6641	6260	
51232044200	23-31 BADLEY	Alles 22S-432	80	PDC ENERGY INC	12/4/2002	PR	415	350	-	6656	6260	
51232411100	22-45 BILLY	Alles 22D-402	272	NOBLE ENERGY INC	3/20/2007	PR	398	350	-	6670	2630	
51232589400	22-4-19 BILLY	Alles 22D-402	1311	NOBLE ENERGY INC	6/11/2008	PR	418	350	-	6647	627	
5123192270000	22-42 LOFLAND	Alles 22D-212	696	NOBLE ENERGY INC	10/7/1996	PR	394	350	-	6712	3298	
5123305000000	23-20D DOLL F	Alles 22S-432	333	NOBLE ENERGY INC	2/17/2010	PR	500	350	-	6725	2000	
5123321140000	26-26 GEIB	Alles 22D-402	1466	KERR-MCGEE OIL & GAS ONSHORE LP	3/27/2011	PR	750	350	-	6739	756	