

GIS BUFFER REVIEW AND ANALYSIS

Pad Name: Requested: Completed: Revised (if applicable):

LAVENDER

Columns in red are formulas

PROPOSED HZ WELL NAME	OFFSET WELL NAME	OFFSET WELL STATUS (Do not include AL)	OFFSET WELL API # (if applicable)	OPERATOR NAME OF OFFSET WELL	DISTANCE IN FEET FROM PROPOSED WELL TO OFFSET WELL (based upon directional survey from drilled wellbores and deviated drilling plan for permitted wellbores)	IS THE DISTANCE MEASURED FROM VERTICAL OR HORIZONTAL SECTION OF WELLBORE?	WILL AN ANTI-COLLISION NOTICE BE NEEDED (PER RULE 408.1)? [status PR, SI & TA only] look out 200' for potential	WILL A STIMULATION SETBACK CONSENT WAIVER BE NEEDED (PER RULE 408.4)? [status PR, SI & TA only]	Distance from completed wellbore to nearest completed portion of offset wellbore permitted or completed in the same formation (Codi & Nio same) Ignore plugged wells	Distance from proposed wellbore to nearest existing or permitted wellbore belonging to another operator (Including plugged wells)	C2C DISTANCE
LAVENDER 33-12HZ								LAVENDER 33-13HZ 561'	GADDIS 36E-403 187'		
	WCLI USX S 33-01P	PA	05-123-31533	KERR MCGEE OIL & GAS ONSHORE LP	95	VERTICAL				102	
	JEFFERS 31-35	PA	05-123-23420	KERR MCGEE OIL & GAS ONSHORE LP	181	HORIZONTAL				188	
	GADDIS 36E-403	SI	05-123-36832	PDC ENERGY INC	183	HORIZONTAL	YES			187	
LAVENDER 33-13HZ								LAVENDER 33-14HZ 410'	MARGIL 21-34D 56'		
	MARGIL 21-34D	PA	05-123-33835	PDC ENERGY INC	0	HORIZONTAL				56	
	COYLE 41-34D	TA	05-123-35483	PDC ENERGY INC	0	HORIZONTAL	YES			173	
	MARGIL 11-34D	PA	05-123-33838	PDC ENERGY INC	0	HORIZONTAL				157	
	COYLE 31-34D	PA	05-123-35488	PDC ENERGY INC	0	HORIZONTAL				207	
	WCLI USX S 33-01P	PA	05-123-31533	KERR MCGEE OIL & GAS ONSHORE LP	91	VERTICAL				101	
	JEFFERS 11-35	PA	05-123-23410	PDC ENERGY INC	182	HORIZONTAL				180	
	JEFFERS 21-35	PA	05-123-23409	PDC ENERGY INC	185	HORIZONTAL				184	
LAVENDER 33-14HZ								LAVENDER 33-13HZ 410'	MARGIL 34A 107'		
	MARGIL 21-34D	PA	05-123-33835	PDC ENERGY INC	0	HORIZONTAL				451	
	COYLE 41-34D	TA	05-123-35483	PDC ENERGY INC	0	HORIZONTAL				509	
	MARGIL 11-34D	PA	05-123-33838	PDC ENERGY INC	0	HORIZONTAL				574	
	COYLE 31-34D	PA	05-123-35488	PDC ENERGY INC	0	HORIZONTAL				543	
	WCLI USX S 33-01P	PA	05-123-31533	KERR MCGEE OIL & GAS ONSHORE LP	60	VERTICAL				81	
	MARGIL 34A	PA	05-123-33831	PDC ENERGY INC	93	HORIZONTAL				92	
	COYLE 34ND	TA	05-123-35484	PDC ENERGY INC	105	HORIZONTAL	YES	YES		142	
	MARGIL 12-34D	PA	05-123-33841	PDC ENERGY INC	109	HORIZONTAL				839	
	COYLE 34OD	TA	05-123-35489	PDC ENERGY INC	118	HORIZONTAL				1312	
	MARGIL 22-34D	PA	05-123-33842	PDC ENERGY INC	129	HORIZONTAL				826	
	COYLE 34C	SI	05-123-35485	PDC ENERGY INC	134	HORIZONTAL	YES	YES		135	
	COYLE 32-34D	SI	05-123-35492	PDC ENERGY INC	144	HORIZONTAL				836	
	MARGIL 34KD	PA	05-123-33834	PDC ENERGY INC	146	HORIZONTAL				1373	
	COYLE 34SD	SI	05-123-35487	PDC ENERGY INC	161	HORIZONTAL				1320	
	COYLE 42-34D	SI	05-123-35486	PDC ENERGY INC	174	HORIZONTAL				753	
	GADDIS 36E-403	SI	05-123-36832	PDC ENERGY INC	178	HORIZONTAL				264	
LAVENDER 33-15HZ								LAVENDER 33-14HZ 471'	OLSON 1 29'		
	COYLE 32-34D	SI	05-123-35492	PDC ENERGY INC	0	HORIZONTAL				309	
	MARGIL 12-34D	PA	05-123-33841	PDC ENERGY INC	0	HORIZONTAL				359	
	MARGIL 22-34D	PA	05-123-33842	PDC ENERGY INC	0	HORIZONTAL				324	
	MARGIL 34KD	PA	05-123-33834	PDC ENERGY INC	0	HORIZONTAL				892	
	COYLE 42-34D	SI	05-123-35486	PDC ENERGY INC	0	HORIZONTAL				236	
	COYLE 34OD	TA	05-123-35489	PDC ENERGY INC	0	HORIZONTAL				793	
	COYLE 34SD	SI	05-123-35487	PDC ENERGY INC	0	HORIZONTAL				809	
	OLSON 1	PA	05-123-11172	JPJ EXPLORATION INC	27	HORIZONTAL				1596	
	WCLI USX S 33-01P	PA	05-123-31533	KERR MCGEE OIL & GAS ONSHORE LP	56	VERTICAL				65	
	JEFFERS 42-35	PA	05-123-23422	KERR MCGEE OIL & GAS ONSHORE LP	59	HORIZONTAL				71	
	JEFFERS 32-35	PA	05-123-23421	KERR MCGEE OIL & GAS ONSHORE LP	75	HORIZONTAL				76	
	GADDIS 36E-403	SI	05-123-36832	PDC ENERGY INC	168	HORIZONTAL				222	
LAVENDER 33-16HZ								LAVENDER 33-15HZ 502'	MARGIL 12-34D 125'		
	MARGIL 34KD	PA	05-123-33834	PDC ENERGY INC	0	HORIZONTAL				409	
	WCLI USX S 33-01P	PA	05-123-31533	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL				25	
	COYLE 34OD	TA	05-123-35489	PDC ENERGY INC	0	HORIZONTAL				294	
	COYLE 34SD	SI	05-123-35487	PDC ENERGY INC	0	HORIZONTAL				311	
	MARGIL 12-34D	PA	05-123-33841	PDC ENERGY INC	110	HORIZONTAL				125	
	MARGIL 22-34D	PA	05-123-33842	PDC ENERGY INC	153	HORIZONTAL				157	
	COYLE 32-34D	SI	05-123-35492	PDC ENERGY INC	160	HORIZONTAL	YES			180	
	GADDIS 36E-403	SI	05-123-36832	PDC ENERGY INC	171	HORIZONTAL				339	
LAVENDER 33-17HZ								LAVENDER 33-18HZ 479'	MARGIL 34KD 110'		
	WCLI USX S 33-01P	PA	05-123-31533	KERR MCGEE OIL & GAS ONSHORE LP	24	VERTICAL				43	
	MARGIL 34KD	PA	05-123-33834	PDC ENERGY INC	105	HORIZONTAL				110	
	COYLE 34OD	TA	05-123-35489	PDC ENERGY INC	135	HORIZONTAL	YES			190	
	COYLE 34SD	SI	05-123-35487	PDC ENERGY INC	149	HORIZONTAL	YES			175	
LAVENDER 33-18HZ								LAVENDER 33-17HZ 479'	OLSON 1X 143'		
	WCLI USX S 33-01P	PA	05-123-31533	KERR MCGEE OIL & GAS ONSHORE LP	4	VERTICAL				27	
	OLSON 1-X	PA	05-123-06144	UNKNOW	144	HORIZONTAL				143	
	MARGIL 13-34D	PA	05-123-34118	PDC ENERGY INC	144	HORIZONTAL				164	
	OLSON 1	PA	05-123-06136	OLD OPERATORS - STATUS UNKNOWN	147	HORIZONTAL				147	
	MARGIL 23-34D	PA	05-123-34122	PDC ENERGY INC	158	HORIZONTAL				176	
	GADDIS 36E-403	SI	05-123-36832	PDC ENERGY INC	174	HORIZONTAL				271	
	MARGIL 43-34D	PA	05-123-35164	PDC ENERGY INC	177	HORIZONTAL				276	
LAVENDER 33-19HZ								LAVENDER 33-18HZ 486'	MARGIL 33-34D 189'		
	MARGIL 33-34D	PA	05-123-35150	PDC ENERGY INC	0	HORIZONTAL				189	
	MARGIL 23-34D	PA	05-123-34122	PDC ENERGY INC	0	HORIZONTAL				304	
	MARGIL 43-34D	PA	05-123-35164	PDC ENERGY INC	0	HORIZONTAL				210	
	MARGIL 13-34D	PA	05-123-34118	PDC ENERGY INC	0	HORIZONTAL				318	
	WCLI USX S 33-01P	PA	05-123-31533	KERR MCGEE OIL & GAS ONSHORE LP	28	VERTICAL				45	
	MARGIL 34BD	PA	05-123-34123	PDC ENERGY INC	122	HORIZONTAL				343	
	MARGIL 24-34D	PA	05-123-34125	PDC ENERGY INC	144	HORIZONTAL				992	
	MARGIL 14-34D	PA	05-123-34124	PDC ENERGY INC	158	HORIZONTAL				1003	

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	SCHOOL 33-35	PA	05-123-23754	KERR MCGEE OIL & GAS ONSHORE LP	175	HORIZONTAL				175	
	GADDIS 36E-403	SI	05-123-36832	PDC ENERGY INC	183	HORIZONTAL				236	
LAVENDER 33-20HZ								LAVENDER 33-19HZ 502'	MARGIL 34DD 21'		
	MARGIL 33-34D	PA	05-123-35150	PDC ENERGY INC	0	HORIZONTAL				645	
	MARGIL 34DD	PA	05-123-35155	PDC ENERGY INC	0	HORIZONTAL				21	
	MARGIL 24-34D	PA	05-123-34125	PDC ENERGY INC	0	HORIZONTAL				504	
	MARGIL 34PD	PA	05-123-35152	PDC ENERGY INC	0	HORIZONTAL				57	
	MARGIL 14-34D	PA	05-123-34124	PDC ENERGY INC	0	HORIZONTAL				534	
	MARGIL 43-34D	PA	05-123-35164	PDC ENERGY INC	0	HORIZONTAL				667	
	WCLI USX S 33-01P	PA	05-123-31533	KERR MCGEE OIL & GAS ONSHORE LP	23	VERTICAL				38	
	MARGIL 34BD	PA	05-123-34123	PDC ENERGY INC	143	HORIZONTAL				147	
	GADDIS 36E-403	SI	05-123-36832	PDC ENERGY INC	187	HORIZONTAL				340	
LAVENDER 33-21HZ								LAVENDER 33-22HZ 411'	MARGIL 24-34D 46'		
	MARGIL 33-34D	PA	05-123-35150	PDC ENERGY INC	0	HORIZONTAL				1148	
	MARGIL 34DD	PA	05-123-35155	PDC ENERGY INC	0	HORIZONTAL				509	
	MARGIL 24-34D	PA	05-123-34125	PDC ENERGY INC	0	HORIZONTAL				46	
	MARGIL 34PD	PA	05-123-35152	PDC ENERGY INC	0	HORIZONTAL				545	
	MARGIL 14-34D	PA	05-123-34124	PDC ENERGY INC	0	HORIZONTAL				61	
	MARGIL 43-34D	PA	05-123-35164	PDC ENERGY INC	0	HORIZONTAL				1171	
	WCLI USX S 33-01P	PA	05-123-31533	KERR MCGEE OIL & GAS ONSHORE LP	34	VERTICAL				44	
	MARGIL 44-34D	PA	05-123-35162	PDC ENERGY INC	50	HORIZONTAL				52	
	MARGIL 34-34D	PA	05-123-35167	PDC ENERGY INC	56	HORIZONTAL				71	
	MARGIL 34TD	PA	05-123-35159	PDC ENERGY INC	168	HORIZONTAL				624	
	SCHOOL 44-35	PA	05-123-23753	KERR MCGEE OIL & GAS ONSHORE LP	181	HORIZONTAL				180	
LAVENDER 33-22HZ								LAVENDER 33-21HZ 411'	MARGIL 34TD 250'		
	MARGIL 34TD	PA	05-123-35159	PDC ENERGY INC	0	HORIZONTAL				250	
	WCLI USX S 33-01P	PA	05-123-31533	KERR MCGEE OIL & GAS ONSHORE LP	40	VERTICAL				46	
	MARGIL 34-34D	PA	05-123-35167	PDC ENERGY INC	130	HORIZONTAL				287	
	MARGIL 34PD	PA	05-123-35152	PDC ENERGY INC	140	HORIZONTAL				879	
	MARGIL 33-34D	PA	05-123-35150	PDC ENERGY INC	146	HORIZONTAL				1469	
	MARGIL 34DD	PA	05-123-35155	PDC ENERGY INC	153	HORIZONTAL				851	
	MARGIL 43-34D	PA	05-123-35164	PDC ENERGY INC	163	HORIZONTAL				1495	
	MARGIL 44-34D	PA	05-123-35162	PDC ENERGY INC	172	HORIZONTAL				310	