

## GIS BUFFER REVIEW AND ANALYSIS

Pad Name:

MAE J 14-8HZ

Columns in red are formulas

Completed:

1/22/2019

PROPOSED HZ WELL NAME	OFFSET WELL NAME (No Sussex Wells)	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 <small>(Based upon directional survey from drilled wellbores and deviated drilling plan for permitted wellbores)</small>	IS THE DISTANCE MEASURED FROM VERTICAL OR HORIZONTAL SECTION OF WELLBORE?	WILL AN ANTI- COLLISION NOTICE BE NEEDED? (PER RULE 317.r)  [Status PR, SI & TA only]	WILL A STIMULATION SETBACK CONSENT WAIVER BE NEEDED? (PER RULE 317.s)  [Status PR, SI & TA only]	Distance from completed portion of proposed wellbore to nearest completed portion of offset wellbore permitted or completed in the same formation (CODL & NIO same)  Ignore plugged wells	Distance from proposed wellbore to nearest existing or permitted wellbore belonging to another operator  Including plugged wells	C2C DISTANCE
CUMMINGS 19-1HZ									168' CUMMINGS 19-2HZ	604' AMEN #1	
	FOLLEY SOUTH 3	PR	05-069-06483	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					4700' vertical
	CUMMINGS 19-22	PR	05-123-27398	KERR MCGEE OIL & GAS ONSHORE LP	110	VERTICAL					143
CUMMINGS 19-2HZ									168'	287'	400' vertical
	FOLLEY SOUTH 3	PR	05-069-06483	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					
CUMMINGS 19-3HZ									167'	354'	2900' vertical
	FOLLEY SOUTH 3	PR	05-069-06483	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					2900' vertical
	FOLLEY SOUTH 3	PR	05-069-06483	KERR MCGEE OIL & GAS ONSHORE LP	88	VERTICAL					
CUMMINGS 19-4HZ									167'	73'	3100' vertical
	FOLLEY SOUTH 3	PR	05-069-06483	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					57
	CUMMINGS 19-22	PR	05-123-27398	KERR MCGEE OIL & GAS ONSHORE LP	9	HORIZONTAL					73
	HANKINS 4	PA	05-123-11356	PDC ENERGY INC	58	HORIZONTAL					
	HANKINS 3	PA	05-123-10856	PDC ENERGY INC	152	HORIZONTAL					
CUMMINGS 19-5HZ									348' CUMMINGS 19-6HZ	71' CALKINS 24-11	1600' vertical
	FOLLEY SOUTH 3	PR	05-069-06483	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					71
	CALKINS 24-11	PR	05-069-06338	EXTRACTION OIL & GAS INC	74	VERTICAL	YES				
	FOLLEY SOUTH 3	PR	05-069-06483	KERR MCGEE OIL & GAS ONSHORE LP	92	HORIZONTAL					
CUMMINGS 19-6HZ									165' CUMMINGS 19-7HZ	342' PANSY P HANKINS 1	
	NONE										
CUMMINGS 19-7HZ									165' CUMMINGS 19-6HZ	431' CALKINS 24-11	
	NONE										
CUMMINGS 19-8HZ									166' CUMMINGS 19-9HZ	480' CALKINS 24-14	
	CUMMINGS 19-23	PR	05-123-27397	KERR MCGEE OIL & GAS ONSHORE LP	132	VERTICAL					
CUMMINGS 19-9HZ									166' CUMMINGS 19-8HZ	32' HANKINS 42-20	32
	HANKINS 42-20	PA	05-123-10781	PDC ENERGY INC	27	HORIZONTAL					83
	PANSY P HANKINS 1	PA	05-123-07262	AMOCO PRODUCTION COMPANY	89	HORIZONTAL					
	HANKINS 5	PA	05-123-11357	PDC ENERGY INC	159	HORIZONTAL					
CUMMINGS 19-10HZ									172' CUMMINGS 19-11HZ	178' CALKINS 24-14	
	CUMMINGS 19-23	PR	05-123-27397	KERR MCGEE OIL & GAS ONSHORE LP	55	VERTICAL					
	CALKINS 24-14	PR	05-069-06339	EXTRACTION OIL & GAS INC	162	HORIZONTAL	YES				178
CUMMINGS 19-11HZ									172' CUMMINGS 19-10HZ	97' CALKINS 24-14	
	CALKINS 24-14	PR	05-069-06339	EXTRACTION OIL & GAS INC	80	VERTICAL	YES				98
	DEWALT 19-14	PA	05-123-25555	KERR MCGEE OIL & GAS ONSHORE LP	113	HORIZONTAL					
	UIV 22-20	SI	05-123-24083	KERR MCGEE OIL & GAS ONSHORE LP	120	HORIZONTAL					
	UIV 6-20	SI	05-123-24074	KERR MCGEE OIL & GAS ONSHORE LP	123	HORIZONTAL					
CUMMINGS 19-12HZ									176' CUMMINGS 19-13HZ	214' CALKINS 24-14	
	NONE										
CUMMINGS 19-13HZ									176' CUMMINGS 19-12HZ	222' CALKINS 24-14	286
	UIV 22-20	SI	05-123-24083	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					
	CUMMINGS 19-23	PR	05-123-27397	KERR MCGEE OIL & GAS ONSHORE LP	128	VERTICAL					