

GIS BUFFER REVIEW AND ANALYSIS

Pad Name: Requested: Completed: Revised (if applicable):
 RANGER 18-7HZ 7/27/2018

Columns in red are formulas

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 (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 317.r)? [status PR, SI & TA only] look out 200' for potential	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 (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
RANGER 7-1HZ									161' RANGER 7-11HZ	570' UPRR 42 PAN AM AV 1	
	NONE										
RANGER 7-2HZ									131' RANGER 7-3HZ	290' UPRR 42 PAN AM AV 1	
	RANGER 7-3HZ			KERR-MCGEE OIL & GAS ONSHORE LP	131	HORIZONTAL					
RANGER 7-3HZ									117' RANGER 7-12HZ	155' UPRR 42 PAN AM AV 1	
	RANGER 7-12HZ			KERR-MCGEE OIL & GAS ONSHORE LP	117	HORIZONTAL					
	RANGER 7-2HZ			KERR-MCGEE OIL & GAS ONSHORE LP	131	HORIZONTAL					
RANGER 7-4HZ									102' 1 UPRR 42 PAN AM AS TRUE	284' UPRR 42 PAN AM AV 1	
	1 UPRR 42 PAN AM AS TRUE	SI	05-123-11136	KERR MCGEE OIL & GAS ONSHORE LP	102	HORIZONTAL					
	RANGER 7-13HZ			KERR-MCGEE OIL & GAS ONSHORE LP	117	HORIZONTAL					
RANGER 7-5HZ									141' RANGER 7-15HZ	586' UPRR 42 PAN AM AV 1	
	1 UPRR 42 PAN AM AS	PA	05-123-09468	KERR MCGEE OIL & GAS ONSHORE LP	11	HORIZONTAL					3
	RANGER 7-15HZ			KERR-MCGEE OIL & GAS ONSHORE LP	141	HORIZONTAL					
RANGER 7-6HZ									123' RANGER 7-16HZ	886' UPRR 42 PAN AM AV 1	
	RANGER 7-16HZ			KERR-MCGEE OIL & GAS ONSHORE LP	123	HORIZONTAL					

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RANGER 7-7HZ									109' RANGER 7-17HZ	976' HINGLEY 1A-18H-A167	
	RANGER 7-17HZ			KERR-MCGEE OIL & GAS ONSHORE LP	109	HORIZONTAL					
RANGER 7-8HZ									130' RANGER 7-18HZ	652' HINGLEY 1A-18H-A167	
	6-14 GLENS VV	PA	05-123-17944	KERR MCGEE OIL & GAS ONSHORE LP	90	VERTICAL					
	RANGER 7-18HZ			KERR-MCGEE OIL & GAS ONSHORE LP	130	HORIZONTAL					
RANGER 7-9HZ									144' RANGER 7-18HZ	439' HINGLEY 1A-18H-A167	
	RANGER 7-18HZ			KERR-MCGEE OIL & GAS ONSHORE LP	144	HORIZONTAL					
RANGER 7-10HZ									131' BUDDY 7-1HZ	271' HINGLEY 1A-18H-A167	
	BUDDY 7-1HZ			KERR-MCGEE OIL & GAS ONSHORE LP	131	HORIZONTAL					
RANGER 7-11HZ									161' RANGER 7-1HZ	848' C.E. WINGO 1	
	NONE										
RANGER 7-12HZ									117' RANGER 7-3HZ	1154' UPRR 42 PAN AM AJ 4	
	10 GLENS	SI	05-123-10133	KERR MCGEE OIL & GAS ONSHORE LP	111	HORIZONTAL					
	RANGER 7-3HZ			KERR-MCGEE OIL & GAS ONSHORE LP	117	HORIZONTAL					
RANGER 7-13HZ									117' RANGER 7-4HZ	1169' UPRR 42 PAN AM AJ 4	

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	DITLEV SIMONSEN GAS UNIT 2	PR	05-123-19230	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					160
	1 DITLEV-SIMONSEN GAS UNIT	PR	05-123-08951	KERR MCGEE OIL & GAS ONSHORE LP	94	HORIZONTAL					127
	RANGER 7-4HZ			KERR-MCGEE OIL & GAS ONSHORE LP	117	HORIZONTAL					
RANGER 7-14HZ									95' RANGER 7-15HZ	1237' UPRR 42 PAN AM AJ 4	
	DITLEV SIMONSEN GAS UNIT 2	PR	05-123-19230	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					376
	RANGER 7-15HZ			KERR-MCGEE OIL & GAS ONSHORE LP	95	HORIZONTAL					
	2 GLENS	PR	05-123-07522	KERR MCGEE OIL & GAS ONSHORE LP	107	HORIZONTAL					
RANGER 7-15HZ									95' RANGER 7-14HZ	1341' UPRR 42 PAN AM AJ 4	
	RANGER 7-14HZ			KERR-MCGEE OIL & GAS ONSHORE LP	95	HORIZONTAL					
	DITLEV SIMONSEN GAS UNIT 2	PR	05-123-19230	KERR MCGEE OIL & GAS ONSHORE LP	103	HORIZONTAL					
	RANGER 7-5HZ			KERR-MCGEE OIL & GAS ONSHORE LP	141	HORIZONTAL					
RANGER 7-16HZ									123' RANGER 7-6HZ	1466' UPRR 42 PAN AM AJ 4	
	RANGER 7-6HZ			KERR-MCGEE OIL & GAS ONSHORE LP	123	HORIZONTAL					
RANGER 7-17HZ									95' 13-6 GLENS GAS UNIT	1476' UPRR 42 PAN AM AJ 4	
	6 GLENS	SI	05-123-10349	KERR MCGEE OIL & GAS ONSHORE LP	82	HORIZONTAL					65
	RANGER 7-7HZ			KERR-MCGEE OIL & GAS ONSHORE LP	109	HORIZONTAL					
	13-6 GLENS GAS UNIT	SI	05-123-14622	KERR MCGEE OIL & GAS ONSHORE LP	123	HORIZONTAL					95

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RANGER 7-18HZ									130' RANGER 7-8HZ	1485' UPRR 42 PAN AM AJ 4	
	RANGER 7-8HZ			KERR-MCGEE OIL & GAS ONSHORE LP	130	HORIZONTAL					
	RANGER 7-9HZ			KERR-MCGEE OIL & GAS ONSHORE LP	144	HORIZONTAL					
RANGER 7-19HZ									172' RANGER 7-10HZ	1494' UPRR 42 PAN AM AJ 4	
	NONE										
RANGER 7-20HZ									121' BUDDY 7-1HZ	1233' GLENS 1	
	BUDDY 7-1HZ			KERR-MCGEE OIL & GAS ONSHORE LP	121	HORIZONTAL					
	BUDDY 7-1HZ			KERR-MCGEE OIL & GAS ONSHORE LP	60	VERTICAL					