

GIS BUFFER REVIEW AND ANALYSIS

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

LIZZY 8-36HZ

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.u)? [status PR, SI & TA only]	Distance from completed 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
LIZZY NORTH 36-1HZ									LIZZY NORTH 36-2HZ 497'	LINKUS 41-24 356'	
	NORTHGLENN STATE 41-36	SI	05-123-30984	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					215
	NORTHGLENN STATE 8-36	SI	05-123-30981	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					578
	TULA 12-16HZ	PR	05-123-49324	KERR MCGEE OIL & GAS ONSHORE LP	115	HORIZONTAL					158
LIZZY NORTH 36-2HZ									LIZZY NORTH 36-3HZ 417'	LINKUS 41-24 166'	
	NORTHGLENN STATE 41-36	SI	05-123-30984	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					566
	NORTHGLENN STATE 8-36	SI	05-123-30981	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					53
	NORTHGLENN STATE 1-36	SI	05-123-30980	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					108
	LAURIDSON 42-24	PR	05-123-08851	KP KAUFFMAN COMPANY INC	24	HORIZONTAL					2750
	KIRKMEYER 9-25	PA	05-123-27360	KERR MCGEE OIL & GAS ONSHORE LP	69	HORIZONTAL					43
	MITCHELL 16-25	SI	05-123-24437	KERR MCGEE OIL & GAS ONSHORE LP	87	HORIZONTAL					86
	LINKUS 41-24	PA	05-123-21408	PDC ENERGY INC	90	HORIZONTAL					166
	LAWRENCE TOTEMS 1	SI	05-123-08484	KP KAUFFMAN COMPANY INC	110	HORIZONTAL					2773
	LAURIDSON 41-24	PA	05-123-08265	STARLIGHT RESOURCES LLC	111	HORIZONTAL					2763
	STATE OF COLORADO AO 1	PR	05-123-10103	KP KAUFFMAN COMPANY INC	113	VERTICAL					705
	TULA 12-12HZ	PR	05-123-49321	KERR MCGEE OIL & GAS ONSHORE LP	115	HORIZONTAL					163
	TALBOT 8-25	SI	05-123-24273	KERR MCGEE OIL & GAS ONSHORE LP	132	HORIZONTAL					130
	BRAMMING 41-25 1	PA	05-123-10259	ANADARKO E&P ONSHORE LLC	139	HORIZONTAL					2639
	TOTEMS 44-24	PA	05-123-16628	PDC ENERGY INC	187	HORIZONTAL					221
LIZZY NORTH 36-3HZ									LIZZY NORTH 36-4HZ 350'	TOTEMS 44-24 223'	
	NORTHGLENN STATE 41-36	SI	05-123-30984	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					211
	NORTHGLENN STATE 8-36	SI	05-123-30981	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					129
	NORTHGLENN STATE 1-36	SI	05-123-30980	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					89
	MITCHELL 20-25	PA	05-123-24403	KERR MCGEE OIL & GAS ONSHORE LP	152	HORIZONTAL					167
	UPRR 43 PAN AM Y 1	SI	05-123-14378	KERR MCGEE OIL & GAS ONSHORE LP	188	HORIZONTAL					145
LIZZY NORTH 36-4HZ									LIZZY NORTH 36-3HZ 350'	LINKUS 32-24 310'	
	NORTHGLENN STATE 41-36	SI	05-123-30984	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					351
	NORTHGLENN STATE 8-36	SI	05-123-30981	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					53
	NORTHGLENN STATE 1-36	SI	05-123-30980	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					343
	NORTHGLENN STATE 2-36	SI	05-123-30989	KERR MCGEE OIL & GAS ONSHORE LP	91	VERTICAL					583
	NORTHGLENN STATE 3-36	SI	05-123-30987	KERR MCGEE OIL & GAS ONSHORE LP	103	VERTICAL					1060
	NORTHGLENN STATE 21-36	SI	05-123-30988	KERR MCGEE OIL & GAS ONSHORE LP	112	VERTICAL					781
	NORTHGLENN STATE 7-36	SI	05-123-30986	KERR MCGEE OIL & GAS ONSHORE LP	128	VERTICAL					491
	STEELE STATE 2-36	SI	05-123-21629	KERR MCGEE OIL & GAS ONSHORE LP	135	VERTICAL					127
	TULA 12-6HZ	PR	05-123-49329	KERR MCGEE OIL & GAS ONSHORE LP	181	HORIZONTAL					268
LIZZY NORTH 36-5HZ									LIZZY NORTH 36-4HZ 403'	TOTEMS 34-24 61'	
	NORTHGLENN STATE 2-36	SI	05-123-30989	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					191
	NORTHGLENN STATE 21-36	SI	05-123-30988	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					601
	NORTHGLENN STATE 3-36	SI	05-123-30987	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					979
	NORTHGLENN STATE 7-36	SI	05-123-30986	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					322
	LAWRENCE TOTEMS 2	PR	05-123-08485	KP KAUFFMAN COMPANY INC	32	HORIZONTAL					2780
	LAURIDSON 32-24	PA	05-123-08278	PDC ENERGY INC	43	HORIZONTAL					2810
	KIRKMEYER 10-25	SI	05-123-27359	KERR MCGEE OIL & GAS ONSHORE LP	46	HORIZONTAL					45
	TALBOT 7-25	SI	05-123-24297	KERR MCGEE OIL & GAS ONSHORE LP	56	HORIZONTAL					57
	TOTEMS 34-24	PA	05-123-21354	PDC ENERGY INC	69	HORIZONTAL					61
	LINKUS 32-24	PA	05-123-19682	PDC ENERGY INC	82	HORIZONTAL					82

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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.i)? [status PR, SI & TA only] <i>look out 200' for potential</i>	WILL A STIMULATION SETBACK CONSENT WAIVER BE NEEDED (PER RULE 408.u)? [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
	NORTHGLENN STATE 8-36	SI	05-123-30981	KERR MCGEE OIL & GAS ONSHORE LP	116	VERTICAL					207
	STEELE STATE 2-36	SI	05-123-21629	KERR MCGEE OIL & GAS ONSHORE LP	117	VERTICAL					151
	LAURIDSON 31-24	PR	05-123-08849	KP KAUFFMAN COMPANY INC	119	HORIZONTAL					2766
	COORS 15-25	SI	05-123-24512	KERR MCGEE OIL & GAS ONSHORE LP	128	HORIZONTAL					129
	NORTHGLENN STATE 41-36	SI	05-123-30984	KERR MCGEE OIL & GAS ONSHORE LP	132	VERTICAL					473
	NORTHGLENN STATE 1-36	SI	05-123-30980	KERR MCGEE OIL & GAS ONSHORE LP	150	VERTICAL					521
	TULA 12-4HZ	PR	05-123-49331	KERR MCGEE OIL & GAS ONSHORE LP	175	HORIZONTAL					176
LIZZY NORTH 36-6HZ									LIZZY NORTH 36-5HZ 403'	TOTEMS 34-24 330'	
	NORTHGLENN STATE 21-36	SI	05-123-30988	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					398
	NORTHGLENN STATE 3-36	SI	05-123-30987	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					806
	NORTHGLENN STATE 7-36	SI	05-123-30986	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					167
LIZZY NORTH 36-7HZ									LIZZY NORTH 36-8HZ 397'	UPRR 43 PAN AM C 1 586'	
	NORTHGLENN STATE 21-36	SI	05-123-30988	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					187
	NORTHGLENN STATE 3-36	SI	05-123-30987	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					570
	NORTHGLENN STATE 7-36	SI	05-123-30986	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					31
	CARSON 1-14HZ	PR	05-123-48119	KERR MCGEE OIL & GAS ONSHORE LP	153	HORIZONTAL					155
LIZZY NORTH 36-8HZ									LIZZY NORTH 36-7HZ 397'	UPRR 43 PAN AM C 1 194'	
	NORTHGLENN STATE 21-36	SI	05-123-30988	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					261
	NORTHGLENN STATE 3-36	SI	05-123-30987	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					281
	NORTHGLENN STATE 7-36	SI	05-123-30986	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					63
	JOHNSTON 22-24	PA	05-123-19788	KERR MCGEE OIL & GAS ONSHORE LP	27	HORIZONTAL					160
	UPRC UU 25-14JI	PA	05-123-20377	KERR MCGEE OIL & GAS ONSHORE LP	45	HORIZONTAL					70
	JOHNSTON 23-24	PA	05-123-09171	MGF OIL CORPORATION	170	HORIZONTAL					2746
	JOHNSTON 21-24	PA	05-123-09176	MGF OIL CORPORATION	187	HORIZONTAL					2287
	UPRR 43 PAN AM C 1	PA	05-123-07235	AMOCO PRODUCTION COMPANY	193	HORIZONTAL					194
LIZZY NORTH 36-9HZ									LIZZY NORTH 36-8HZ 408'	UPRR 43 PAN AM C 1 198'	
	NORTHGLENN STATE 21-36	SI	05-123-30988	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					106
	NORTHGLENN STATE 7-36	SI	05-123-30986	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					49
	UPRC UU 25-14JI	PA	05-123-20377	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					326
	JOHNSTON 3-25	PA	05-123-25146	KERR MCGEE OIL & GAS ONSHORE LP	22	HORIZONTAL					21
	NORTHGLENN STATE 3-36	SI	05-123-30987	KERR MCGEE OIL & GAS ONSHORE LP	60	VERTICAL					46
	UPRR 43 PAN AM C 1	PA	05-123-07235	AMOCO PRODUCTION COMPANY	200	HORIZONTAL					198
LIZZY NORTH 36-10HZ									LIZZY NORTH 36-11HZ 356'	UPRR 43 PAN AM C 1 590'	
	NORTHGLENN STATE 7-36	SI	05-123-30986	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					162
	UPRC UU 25-14JI	PA	05-123-20377	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					713
	NORTHGLENN STATE 21-36	SI	05-123-30988	KERR MCGEE OIL & GAS ONSHORE LP	24	VERTICAL					66
	JOHNSTON 14-24	SI	05-123-07665	KERR MCGEE OIL & GAS ONSHORE LP	136	HORIZONTAL					169
LIZZY NORTH 36-11HZ									LIZZY NORTH 36-12HZ 341'	UPRR 43 PAN AM C 1 982'	
	NORTHGLENN STATE 7-36	SI	05-123-30986	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					250
	UPRC 25-12V	PA	05-123-16145	KERR MCGEE OIL & GAS ONSHORE LP	18	HORIZONTAL					41
	UPRR 43 PAN AM UNIT Y 2	PA	05-123-14504	KERR MCGEE OIL & GAS ONSHORE LP	26	HORIZONTAL					36
	NORTHGLENN STATE 21-36	SI	05-123-30988	KERR MCGEE OIL & GAS ONSHORE LP	129	VERTICAL					210
	CARSON 1-7HZ	PR	05-123-48109	KERR MCGEE OIL & GAS ONSHORE LP	154	HORIZONTAL					196
LIZZY NORTH 36-12HZ									LIZZY NORTH 36-11HZ 341'	BURY CRANDELL 8-2-23 703'	
	NORTHGLENN STATE 7-36	SI	05-123-30986	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					322

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	JOHNSTON UU 24-4JI	PA	05-123-23741	KERR MCGEE OIL & GAS ONSHORE LP	44	HORIZONTAL					74
	BROOKMAN 4-25	SI	05-123-27332	KERR MCGEE OIL & GAS ONSHORE LP	82	HORIZONTAL					81
	NORTHGLENN STATE 4-36	SI	05-123-30964	KERR MCGEE OIL & GAS ONSHORE LP	83	VERTICAL					114
	JOHNSTON UU 24-13JI	SI	05-123-23743	KERR MCGEE OIL & GAS ONSHORE LP	156	HORIZONTAL					168
LIZZY NORTH 36-13HZ									LIZZY NORTH 36-12HZ 452'	BURY CRANDELL 8-2-23 321'	
	NORTHGLENN STATE 7-36	SI	05-123-30986	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					390
	NORTHGLENN STATE 4-36	SI	05-123-30964	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					78
LIZZY WEST 36-14HZ									LIZZY NORTH 36-12HZ 216'	INTERCHANGE B N35-20-10N 515'	
	NORTHGLENN STATE 2-36	SI	05-123-30989	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					110
	NORTHGLENN STATE 41-36	SI	05-123-30984	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					313
	NORTHGLENN STATE 8-36	SI	05-123-30981	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					670
	NORTHGLENN STATE 3-36	SI	05-123-30987	KERR MCGEE OIL & GAS ONSHORE LP	17	HORIZONTAL					33
	NORTHGLENN STATE 4-36	SI	05-123-30964	KERR MCGEE OIL & GAS ONSHORE LP	38	HORIZONTAL					44
	STATE OF COLORADO AO 1	PR	05-123-10103	KP KAUFFMAN COMPANY INC	50	VERTICAL					523
	NORTHGLENN STATE 1-36	SI	05-123-30980	KERR MCGEE OIL & GAS ONSHORE LP	67	VERTICAL					71
LIZZY WEST 36-15HZ									LIZZY NORTH 36-12HZ 305'	INTERCHANGE B N35-20-10N 401'	
	NORTHGLENN STATE 2-36	SI	05-123-30989	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					415
	NORTHGLENN STATE 3-36	SI	05-123-30987	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					272
	NORTHGLENN STATE 41-36	SI	05-123-30984	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					268
	NORTHGLENN STATE 8-36	SI	05-123-30981	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					692
	NORTHGLENN STATE 1-36	SI	05-123-30980	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					249
	NORTHGLENN STATE 4-36	SI	05-123-30964	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					263
	PRIEST USX UU 35-1	PA	05-014-14505	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					25
	STEELE STATE 2-36	SI	05-123-21629	KERR MCGEE OIL & GAS ONSHORE LP	196	HORIZONTAL					100
LIZZY WEST 36-16HZ									LIZZY WEST 36-15HZ 454'	KATS 8-2-34 164'	
	NORTHGLENN STATE 7-36	SI	05-123-30986	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					604
	NORTHGLENN STATE 8-36	SI	05-123-30981	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					600
	NORTHGLENN STATE 4-36	SI	05-123-30964	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					694
	NORTHGLENN STATE 18-36	SI	05-123-30960	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					45
	NORTHGLENN STATE 21-36	SI	05-123-30988	KERR MCGEE OIL & GAS ONSHORE LP	51	HORIZONTAL					43
	NORTHGLENN STATE 41-36	SI	05-123-30984	KERR MCGEE OIL & GAS ONSHORE LP	58	VERTICAL					51
	KATS 8-2-34	PA	05-014-20655	CRESTONE PEAK RESOURCES OPERATING LLC	163	HORIZONTAL					164
LIZZY WEST 36-17HZ									LIZZY WEST 36-18HZ 456'	INTERCHANGE B N35-20-10N 494'	
	NORTHGLENN STATE 7-36	SI	05-123-30986	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					227
	NORTHGLENN STATE 8-36	SI	05-123-30981	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					223
	NORTHGLENN STATE 4-36	SI	05-123-30964	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					1082
	NORTHGLENN STATE 18-36	SI	05-123-30960	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					422
LIZZY WEST 36-18HZ									LIZZY WEST 36-19HZ 443'	INTERCHANGE B N35-20-10N 362'	
	NORTHGLENN STATE 4-36	SI	05-123-30964	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					1489
	NORTHGLENN STATE 6-36	SI	05-123-30961	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					182
	NORTHGLENN STATE 18-36	SI	05-123-30960	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					834
	NORTHGLENN STATE 5-36	SI	05-123-30959	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					171
	NORTHGLENN STATE 7-36	SI	05-123-30986	KERR MCGEE OIL & GAS ONSHORE LP	190	HORIZONTAL					180
	NORTHGLENN STATE 8-36	SI	05-123-30981	KERR MCGEE OIL & GAS ONSHORE LP	194	VERTICAL					182

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LIZZY WEST 36-19HZ									LIZZY WEST 36-18HZ 443'	INTERCHANGE B N35-20-10N 333'	
	NORTHGLENN STATE 25-36	SI	05-123-30958	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					38
	NORTHGLENN STATE 32-36	PA	05-123-34468	KERR MCGEE OIL & GAS ONSHORE LP	63	HORIZONTAL					68
	NORTHGLENN STATE 5-36	SI	05-123-30959	KERR MCGEE OIL & GAS ONSHORE LP	65	HORIZONTAL					567
	NORTHGLENN STATE 6-36	SI	05-123-30961	KERR MCGEE OIL & GAS ONSHORE LP	82	HORIZONTAL					570
	NORTHGLENN STATE 18-36	SI	05-123-30960	KERR MCGEE OIL & GAS ONSHORE LP	101	HORIZONTAL					1229
	NORTHGLENN STATE 4-36	SI	05-123-30964	KERR MCGEE OIL & GAS ONSHORE LP	114	HORIZONTAL					1579
	NORTHGLENN STATE 24-36	SI	05-123-34463	KERR MCGEE OIL & GAS ONSHORE LP	125	HORIZONTAL					143
	NORTHGLENN STATE 40-36	SI	05-123-34489	KERR MCGEE OIL & GAS ONSHORE LP	126	VERTICAL					134
	NORTHGLENN STATE 22-36	PA	05-123-34474	KERR MCGEE OIL & GAS ONSHORE LP	175	HORIZONTAL					177
LIZZY WEST 36-20HZ									LIZZY WEST 36-21HZ 455'	INTERCHANGE B N35-20-10N 483'	
	NORTHGLENN STATE 40-36	SI	05-123-34489	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					254
	NORTHGLENN STATE 22-36	PA	05-123-34474	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					249
	NORTHGLENN STATE 32-36	PA	05-123-34468	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					351
	NORTHGLENN STATE 24-36	SI	05-123-34463	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					278
	NORTHGLENN STATE 9-36	PR	05-123-34477	KERR MCGEE OIL & GAS ONSHORE LP	172	VERTICAL					178
	NORTHGLENN STATE 11-36	PA	05-123-34478	KERR MCGEE OIL & GAS ONSHORE LP	185	HORIZONTAL					192
LIZZY WEST 36-21HZ									LIZZY WEST 36-22HZ 416'	INTERCHANGE B N35-20-10N 310'	
	NORTHGLENN STATE 40-36	SI	05-123-34489	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					611
	NORTHGLENN STATE 11-36	PA	05-123-34478	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					258
	NORTHGLENN STATE 9-36	PR	05-123-34477	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					221
	NORTHGLENN STATE 22-36	PA	05-123-34474	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					694
	NORTHGLENN STATE 10-36	SI	05-123-34471	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					106
	NORTHGLENN STATE 32-36	PA	05-123-34468	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					791
	NORTHGLENN STATE 12-36	SI	05-123-34466	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					157
	NORTHGLENN STATE 24-36	SI	05-123-34463	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					693
LIZZY WEST 36-22HZ									LIZZY WEST 36-21HZ 416'	INTERCHANGE B N35-20-10N 296'	
	NORTHGLENN STATE 40-36	SI	05-123-34489	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					782
	NORTHGLENN STATE 11-36	PA	05-123-34478	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					624
	NORTHGLENN STATE 9-36	PR	05-123-34477	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					622
	NORTHGLENN STATE 22-36	PA	05-123-34474	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					1055
	NORTHGLENN STATE 10-36	SI	05-123-34471	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					486
	NORTHGLENN STATE 32-36	PA	05-123-34468	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					1163
	NORTHGLENN STATE 12-36	SI	05-123-34466	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					522
	NORTHGLENN STATE 24-36	SI	05-123-34463	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					1086
	HOG UNIT 1	PA	05-123-15524	KERR MCGEE OIL & GAS ONSHORE LP	97	HORIZONTAL					114
	NORTHGLENN STATE 19-36X	SI	05-123-34469	KERR MCGEE OIL & GAS ONSHORE LP	117	HORIZONTAL					123
	NORTHGLENN STATE 39-36	SI	05-123-34467	KERR MCGEE OIL & GAS ONSHORE LP	167	VERTICAL					185
	NORTHGLENN STATE 23-36	SI	05-123-34472	KERR MCGEE OIL & GAS ONSHORE LP	189	HORIZONTAL					209
LIZZY WEST 36-23HZ									LIZZY WEST 36-24HZ 428'	INTERCHANGE B N35-20-10N 466'	
	NORTHGLENN STATE 40-36	SI	05-123-34489	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					818
	NORTHGLENN STATE 14-36	SI	05-123-34488	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					480
	NORTHGLENN STATE 13-36	PR	05-123-34476	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					601
	NORTHGLENN STATE 37-36	PR	05-123-34475	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					1036
	NORTHGLENN STATE 36-36	SI	05-123-34473	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					1038
	NORTHGLENN STATE 15-36	PA	05-123-34470	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					420
	NORTHGLENN STATE 39-36	SI	05-123-34467	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					224
	NORTHGLENN STATE 16-36	SI	05-123-34465	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					574

GIS BUFFER REVIEW AND ANALYSIS

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

LIZZY 8-36HZ

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.i)? [status PR, SI & TA only] look out 200' for potential	WILL A STIMULATION SETBACK CONSENT WAIVER BE NEEDED (PER RULE 408.u)? [status PR, SI & TA only]	Distance from completed 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
	NORTHGLENN STATE 33-36	SI	05-123-34464	KERR MCGEE OIL & GAS ONSHORE LP	67	HORIZONTAL					206
	NORTHGLENN STATE 9-36	PR	05-123-34477	KERR MCGEE OIL & GAS ONSHORE LP	113	VERTICAL					864
	(HSR) NORTHGLENN STATE 13-36	SI	05-123-19638	KERR MCGEE OIL & GAS ONSHORE LP	124	HORIZONTAL					137
	NORTHGLENN STATE 23-36	SI	05-123-34472	KERR MCGEE OIL & GAS ONSHORE LP	161	HORIZONTAL					209
	NORTHGLENN STATE 19-36X	SI	05-123-34469	KERR MCGEE OIL & GAS ONSHORE LP	181	HORIZONTAL					295
LIZZY WEST 36-24HZ									LIZZY WEST 36-23HZ 428'	INTERCHANGE B N35-20-10N 284'	
	NORTHGLENN STATE 40-36	SI	05-123-34489	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					563
	NORTHGLENN STATE 14-36	SI	05-123-34488	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					120
	NORTHGLENN STATE 13-36	PR	05-123-34476	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					235
	NORTHGLENN STATE 37-36	PR	05-123-34475	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					627
	NORTHGLENN STATE 36-36	SI	05-123-34473	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					679
	NORTHGLENN STATE 15-36	PA	05-123-34470	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					32
	NORTHGLENN STATE 39-36	SI	05-123-34467	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					42
	NORTHGLENN STATE 16-36	SI	05-123-34465	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					177
	NORTHGLENN STATE 9-36	PR	05-123-34477	KERR MCGEE OIL & GAS ONSHORE LP	70	VERTICAL					599
LIZZY WEST 36-25HZ									LIZZY WEST 36-24HZ 311'	RIO 18C 263'	
	NORTHGLENN STATE 40-36	SI	05-123-34489	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					625
	NORTHGLENN STATE 37-36	SI	05-123-34475	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					259
	NORTHGLENN STATE 36-36	SI	05-123-34473	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					299
	NORTHGLENN STATE 39-36	SI	05-123-34467	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					169
	NORTHGLENN STATE 9-36	SI	05-123-34477	KERR MCGEE OIL & GAS ONSHORE LP	18	VERTICAL					654
	NORTHGLENN STATE 13-36	SI	05-123-34476	KERR MCGEE OIL & GAS ONSHORE LP	66	HORIZONTAL					84
	RIO 26C	AP	05-001-10470	PDC ENERGY INC	82	HORIZONTAL					267
	RIO 25N	DG	05-001-10471	PDC ENERGY INC	85	HORIZONTAL					424
	RIO 24N	DG	05-001-10465	PDC ENERGY INC	92	HORIZONTAL					318
	RIO 23NA	DG	05-001-10463	PDC ENERGY INC	105	HORIZONTAL					540
	RIO 22C	DG	05-001-10464	PDC ENERGY INC	107	HORIZONTAL					253
	RIO 21N	DG	05-001-10469	PDC ENERGY INC	113	HORIZONTAL					399
	RIO 20N	DG	05-001-10459	PDC ENERGY INC	117	HORIZONTAL					295
	RIO 18C	DG	05-001-10457	PDC ENERGY INC	136	HORIZONTAL					263
	RIO 13NA	DG	05-001-10526	PDC ENERGY INC	142	HORIZONTAL					541
	RIO 14N	DG	05-001-10528	PDC ENERGY INC	155	HORIZONTAL					365
	RIO 17N	DG	05-001-10460	PDC ENERGY INC	157	HORIZONTAL					278
	RIO 19NA	DG	05-001-10458	PDC ENERGY INC	162	HORIZONTAL					568
	RIO 16N	DG	05-001-10525	PDC ENERGY INC	167	HORIZONTAL					403
	RIO 15NA	DG	05-001-10527	PDC ENERGY INC	176	HORIZONTAL					580