

GIS BUFFER REVIEW AND ANALYSIS

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

HETHCOCK FED 6-5HZ

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.t)? [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 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
HETHCOCK 5-1HZ									Hethcock 5-2HZ 269'	Aristocrat Angus 11-8 46'	
	REI 33-5	SI	05-123-23342	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					192
	ARISTOCRAT ANGUS 11-8	PR	05-123-17000	CRESTONE PEAK RESOURCES OPERATING LLC	46	HORIZONTAL	YES	YES			46
	ARISTOCRAT ANGUS 1-2-8	PR	05-123-22833	CRESTONE PEAK RESOURCES OPERATING LLC	50	HORIZONTAL					431
	REI H 17-30D	SI	05-123-35346	KERR MCGEE OIL & GAS ONSHORE LP	63	HORIZONTAL					67
	HSR-RENTSCHLER 4-5	PA	05-123-16799	KERR MCGEE OIL & GAS ONSHORE LP	88	VERTICAL					96
	HARVEY 1N	PR	05-123-48522	PDC ENERGY INC	123	VERTICAL	YES				118
	ARISTOCRAT ANGUS 1-8	PR	05-123-21442	CRESTONE PEAK RESOURCES OPERATING LLC	139	HORIZONTAL					1097
	ARISTOCRAT ANGUS 12-8	SI	05-123-21448	CRESTONE PEAK RESOURCES OPERATING LLC	155	HORIZONTAL					446
HETHCOCK 5-2HZ									Hethcock 5-1HZ 269'	Aristocrat Angus 1-2-8 154'	
	REI 31-5HZ	PR	05-123-32316	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					93
	REI 33-5	SI	05-123-23342	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					587
	ARISTOCRAT ANGUS 1-2-8	PR	05-123-22833	CRESTONE PEAK RESOURCES OPERATING LLC	0	HORIZONTAL	YES				154
	ARISTOCRAT ANGUS 12-8	SI	05-123-21448	CRESTONE PEAK RESOURCES OPERATING LLC	0	HORIZONTAL	YES				184
	ARISTOCRAT ANGUS 1-8	PR	05-123-21442	CRESTONE PEAK RESOURCES OPERATING LLC	0	HORIZONTAL					826
	HSR-PARKER 12-5A	SI	05-123-17405	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					57
	REI H08-13D	SI	05-123-32071	KERR MCGEE OIL & GAS ONSHORE LP	29	HORIZONTAL					32
	BB DRAW H 8-12	SI	05-123-17056	KERR MCGEE OIL & GAS ONSHORE LP	68	HORIZONTAL					95
	HARVEY 2N	PR	05-123-48521	PDC ENERGY INC	97	VERTICAL	YES				93
	HSR-RENTSCHLER 4-5	PA	05-123-16799	KERR MCGEE OIL & GAS ONSHORE LP	108	VERTICAL					267
	HSR-MAY 5-5A	SI	05-123-17303	KERR MCGEE OIL & GAS ONSHORE LP	135	HORIZONTAL					155
	HARVEY 1N	PR	05-123-48522	PDC ENERGY INC	188	VERTICAL					336
HETHCOCK 5-3HZ									Hethcock 5-2HZ 326'	Aristocrat Angus 12-8 296'	
	REI 31-5HZ	PR	05-123-32316	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					21
	ARISTOCRAT ANGUS 1-8	PR	05-123-21442	CRESTONE PEAK RESOURCES OPERATING LLC	0	HORIZONTAL					357
	HSR-PARKER 12-5A	SI	05-123-17405	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					376
	ARISTOCRAT ANGUS 1	SI	05-123-08284	KERR MCGEE OIL & GAS ONSHORE LP	38	HORIZONTAL					48
	LUDWIG 2-5 2	PA	05-123-14595	KERR MCGEE OIL & GAS ONSHORE LP	58	HORIZONTAL					26
	HARVEY 3N	PR	05-123-48523	PDC ENERGY INC	100	VERTICAL	YES				97
	LUDWIG 29-5	PR	05-123-24236	KERR MCGEE OIL & GAS ONSHORE LP	145	VERTICAL					143
	HSR-PICKRELL 13-5A	SI	05-123-17305	KERR MCGEE OIL & GAS ONSHORE LP	157	HORIZONTAL					162
	HARVEY 2N	PR	05-123-48521	PDC ENERGY INC	177	VERTICAL					290
	REI 33-5	SI	05-123-23342	KERR MCGEE OIL & GAS ONSHORE LP	180	HORIZONTAL					923
HETHCOCK 5-4HZ									Hethcock 5-5HZ 244'	Aristocrat Angus 1-8 158'	
	REI 31-5HZ	PR	05-123-32316	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					90
	REI H 17-29D	SI	05-123-31584	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					187

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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.t)? [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 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
	ARISTOCRAT ANGUS 2-4-8	PR	05-123-30575	CRESTONE PEAK RESOURCES OPERATING LLC	0	HORIZONTAL	YES				162
	LUDWIG 29-5	PR	05-123-24236	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					117
	REI 19-5	SI	05-123-24096	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					46
	HSR-PARKER 12-5A	SI	05-123-17405	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					762
	REI 22-5	SI	05-123-23300	KERR MCGEE OIL & GAS ONSHORE LP	21	HORIZONTAL					26
	HARVEY 4N	PR	05-123-48520	PDC ENERGY INC	116	VERTICAL	YES				123
	REI 35-5	SI	05-123-24102	KERR MCGEE OIL & GAS ONSHORE LP	145	HORIZONTAL					144
	ARISTOCRAT ANGUS 1-8	PR	05-123-21442	CRESTONE PEAK RESOURCES OPERATING LLC	158	HORIZONTAL	YES				158
	HSR-ROGERS 3-5	PA	05-123-16798	KERR MCGEE OIL & GAS ONSHORE LP	164	VERTICAL					180
	HARVEY 5N	PR	05-123-47437	PDC ENERGY INC	177	VERTICAL					203
HETHCOCK 5-5HZ									Hethcock 5-4HZ 244'	BB Draw H 8-14 198'	
	REI H 17-21D	SI	05-123-35347	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					827
	REI H 17-28D	PR	05-123-35343	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					861
	UPRC H17-99HZ	PR	05-123-32747	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					NOT FOUND
	REI 31-5HZ	PR	05-123-32316	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					25
	REI H 17-29D	SI	05-123-31584	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					487
	ARISTOCRAT ANGUS 2-4-8	PR	05-123-30575	CRESTONE PEAK RESOURCES OPERATING LLC	0	HORIZONTAL					412
	UPRC H 17-25	PA	05-123-24319	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					547
	UPRC H 17-20	PA	05-123-24317	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					112
	LUDWIG 29-5	PR	05-123-24236	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					390
	REI 35-5	SI	05-123-24102	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					223
	REI 19-5	SI	05-123-24096	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					422
	UPRC 17-12J5	PA	05-123-18463	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					865
	UPRC 17-13J5	PA	05-123-18462	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					924
	HSR-ROGERS 3-5	PA	05-123-16798	KERR MCGEE OIL & GAS ONSHORE LP	2	VERTICAL					21
	REI H 17-32D	PA	05-123-31615	KERR MCGEE OIL & GAS ONSHORE LP	24	HORIZONTAL					1578
	UPRC 17-3J	SI	05-123-15061	KERR MCGEE OIL & GAS ONSHORE LP	39	HORIZONTAL					26
	UPRC H 17-24	PA	05-123-24318	KERR MCGEE OIL & GAS ONSHORE LP	46	HORIZONTAL					1269
	HSR-REI 3-17A	SI	05-123-20502	KERR MCGEE OIL & GAS ONSHORE LP	58	HORIZONTAL					82
	HARVEY 5N	PR	05-123-47437	PDC ENERGY INC	112	VERTICAL	YES				119
	LUDWIG 21-5	PA	05-123-22310	KERR MCGEE OIL & GAS ONSHORE LP	138	VERTICAL					249
	REI H08-24D	SI	05-123-32336	KERR MCGEE OIL & GAS ONSHORE LP	185	HORIZONTAL					1026
	BB DRAW H 8-11XJI	SI	05-123-22348	KERR MCGEE OIL & GAS ONSHORE LP	187	HORIZONTAL					203
	REI H08-21D	SI	05-123-32335	KERR MCGEE OIL & GAS ONSHORE LP	198	HORIZONTAL					723
	BB DRAW H 8-14	PA	05-123-17040	NOBLE ENERGY PRODUCTION INC	199	HORIZONTAL					198
HETHCOCK 5-6HZ									Hethcock 5-7HZ 312'	Aristocrat Angus 22-8 17'	
	REI H 17-21D	SI	05-123-35347	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					395
	REI H 17-28D	PR	05-123-35343	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					473
	UPRC H17-99HZ	PR	05-123-32747	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					NOT FOUND
	REI H 08-15D	SI	05-123-32367	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					1111

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	REI H08-24D	SI	05-123-32336	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					637
	REI H08-21D	SI	05-123-32335	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					342
	REI 31-5HZ	PR	05-123-32316	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					228
	ARISTOCRAT ANGUS 2-4-8	PR	05-123-30575	CRESTONE PEAK RESOURCES OPERATING LLC	0	HORIZONTAL					794
	UPRC H 17-24	PA	05-123-24318	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					791
	REI 23-5	SI	05-123-24068	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					694
	ARISTOCRAT ANGUS 3-2-8	PR	05-123-22561	CRESTONE PEAK RESOURCES OPERATING LLC	0	HORIZONTAL	YES	YES			130
	HSR-RAFALOVICH 14-5	SI	05-123-17306	KERR MCGEE OIL & GAS ONSHORE LP	2	HORIZONTAL					61
	UPRC 17-11J	PR	05-123-15035	KERR MCGEE OIL & GAS ONSHORE LP	7	HORIZONTAL					25
	UPRC 17-14J	PR	05-123-15036	KERR MCGEE OIL & GAS ONSHORE LP	9	HORIZONTAL					85
	ARISTOCRAT ANGUS 22-8	PR	05-123-16582	CRESTONE PEAK RESOURCES OPERATING LLC	16	HORIZONTAL	YES	YES			17
	ARISTOCRAT ANGUS 21-8	PR	05-123-16583	CRESTONE PEAK RESOURCES OPERATING LLC	30	HORIZONTAL	YES	YES			31
	LUDWIG 21-5	PA	05-123-22310	KERR MCGEE OIL & GAS ONSHORE LP	35	VERTICAL					150
	REI 35-5	SI	05-123-24102	KERR MCGEE OIL & GAS ONSHORE LP	57	HORIZONTAL					599
	HSR-NILAND 6-5	SI	05-123-17330	KERR MCGEE OIL & GAS ONSHORE LP	76	HORIZONTAL					105
	UPRR 39 PAN AM F 1	SI	05-123-12570	KERR MCGEE OIL & GAS ONSHORE LP	129	HORIZONTAL					194
	HSR-ROGERS 3-5	PA	05-123-16798	KERR MCGEE OIL & GAS ONSHORE LP	137	VERTICAL					171
	LUDWIG 29-5	PR	05-123-24236	KERR MCGEE OIL & GAS ONSHORE LP	143	VERTICAL					659
	REI H 17-29D	SI	05-123-31584	KERR MCGEE OIL & GAS ONSHORE LP	153	HORIZONTAL					877
	HARVEY 6N	PR	05-123-47435	PDC ENERGY INC	162	VERTICAL	YES				157
	BB DRAW H 8-11XJI	SI	05-123-22348	KERR MCGEE OIL & GAS ONSHORE LP	166	HORIZONTAL					188
	HARVEY 7N	PR	05-123-47432	PDC ENERGY INC	167	VERTICAL	YES				168
	REI 19-5	SI	05-123-24096	KERR MCGEE OIL & GAS ONSHORE LP	168	HORIZONTAL					795
	BB DRAW H 8-11	PA	05-123-17055	NOBLE ENERGY INC	176	HORIZONTAL					176
	BB DRAW H 8-14JI	SI	05-123-19956	KERR MCGEE OIL & GAS ONSHORE LP	186	HORIZONTAL					160
	BB DRAW H 8-14	PA	05-123-17040	NOBLE ENERGY PRODUCTION INC	189	HORIZONTAL					190
	UPRC 17-6J5	PA	05-123-18004	KERR MCGEE OIL & GAS ONSHORE LP	196	HORIZONTAL					92
HETHCOCK 5-7HZ									Hethcock 5-6HZ 312'	Aristocrat Angus 21-8 352'	
	REI H 17-21D	SI	05-123-35347	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					68
	REI H 17-28D	PR	05-123-35343	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					188
	UPRC H17-99HZ	PR	05-123-32747	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					NOT FOUND
	REI H 08-15D	SI	05-123-32367	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					801
	REI H08-24D	SI	05-123-32336	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					295
	REI 31-5HZ	PR	05-123-32316	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					104
	UPRC H 17-24	PA	05-123-24318	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					447
	REI 23-5	SI	05-123-24068	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					309
	LUDWIG 21-5	PA	05-123-22310	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					33
	REI H08-21D	SI	05-123-32335	KERR MCGEE OIL & GAS ONSHORE LP	45	HORIZONTAL					41
	HARVEY 8N	PR	05-123-47428	PDC ENERGY INC	113	VERTICAL	YES				111
	UPRC 17-6J5	PA	05-123-18004	KERR MCGEE OIL & GAS ONSHORE LP	116	HORIZONTAL					221
HETHCOCK 5-8HZ									Hethcock 5-9HZ 382'	Aristocrat Angus #32-8 314'	
	REI H 08-15D	SI	05-123-32367	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					356
	REI 31-5HZ	PR	05-123-32316	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					32

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	LUDWIG 21-5	PA	05-123-22310	KERR MCGEE OIL & GAS ONSHORE LP	42	VERTICAL					78
	REI 23-5	SI	05-123-24068	KERR MCGEE OIL & GAS ONSHORE LP	57	HORIZONTAL					68
	HARVEY 9N	PR	05-123-47429	PDC ENERGY INC	83	VERTICAL	YES				82
	REI H08-24D	SI	05-123-32336	KERR MCGEE OIL & GAS ONSHORE LP	100	HORIZONTAL					117
	BEEBE DRAW UPRR 32-17	SI	05-123-14203	KERR MCGEE OIL & GAS ONSHORE LP	123	HORIZONTAL					57
	ARISTOCRAT ANGUS 31-8	PR	05-123-16450	CRESTONE PEAK RESOURCES OPERATING LLC	186	HORIZONTAL	YES				186
HETHCOCK 5-9HZ									Hethcock 5-8HZ 382'	Aristocrat Angus #32-8 63'	
	REI 21-17	PA	05-123-32825	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					147
	REI 31-5HZ	PR	05-123-32316	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					100
	REI 10-5	SI	05-123-23356	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					53
	REI H 08-15D	SI	05-123-32367	KERR MCGEE OIL & GAS ONSHORE LP	4	HORIZONTAL					21
	BB DRAW H 8-7 JI	PA	05-123-23044	KERR MCGEE OIL & GAS ONSHORE LP	32	HORIZONTAL					23
	BEEBE DRAW-UPRR 31-17	PA	05-123-13008	KERR MCGEE OIL & GAS ONSHORE LP	34	HORIZONTAL					35
	BEEBE DRAW UPRR 32-5 (9)	PA	05-123-14735	KERR MCGEE OIL & GAS ONSHORE LP	40	HORIZONTAL					39
	ARISTOCRAT ANGUS 32-8	PR	05-123-16577	CRESTONE PEAK RESOURCES OPERATING LLC	63	HORIZONTAL	YES	YES			63
	ARISTOCRAT 32-5 2	SI	05-123-09729	KERR MCGEE OIL & GAS ONSHORE LP	69	HORIZONTAL					924
	LUDWIG-UPRR 31-5 1	PA	05-123-12721	KERR MCGEE OIL & GAS ONSHORE LP	82	VERTICAL					60
	BB DRAW H 8-10	PA	05-123-17232	KERR MCGEE OIL & GAS ONSHORE LP	84	HORIZONTAL					86
	HARVEY 10N	PR	05-123-47436	PDC ENERGY INC	116	VERTICAL	YES				111
	LUDWIG 21-5	PA	05-123-22310	KERR MCGEE OIL & GAS ONSHORE LP	146	VERTICAL					174
	UPRR 39 PAN AM C 1	PA	05-123-09530	KERR MCGEE OIL & GAS ONSHORE LP	163	HORIZONTAL					2443
	ARISTOCRAT ANGUS 31-8	PR	05-123-16450	CRESTONE PEAK RESOURCES OPERATING LLC	191	HORIZONTAL	YES				191
	HARVEY 11N	PR	05-123-47430	PDC ENERGY INC	194	VERTICAL	YES				196
HETHCOCK 5-10HZ									Hethcock 5-11HZ 359'	Aristocrat Angus #32-8 450'	
	REI 21-17	PA	05-123-32825	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					526
	REI 31-5HZ	PR	05-123-32316	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					32
	HSR-PAGE 10-5	PA	05-123-17198	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					43
	LUDWIG 1-5 1	PA	05-123-14453	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					28
	LUDWIG 17-5	PA	05-123-24066	KERR MCGEE OIL & GAS ONSHORE LP	8	HORIZONTAL					347
	REI 24-5	SI	05-123-23425	KERR MCGEE OIL & GAS ONSHORE LP	27	HORIZONTAL					177
	REI 10-5	SI	05-123-23356	KERR MCGEE OIL & GAS ONSHORE LP	29	HORIZONTAL					445
	BB DRAW H 8-10	PA	05-123-17232	KERR MCGEE OIL & GAS ONSHORE LP	32	HORIZONTAL					299
	BB DRAW H 8-15	PA	05-123-17195	KERR MCGEE OIL & GAS ONSHORE LP	36	HORIZONTAL					35
	REI 27-17	PR	05-123-32819	KERR MCGEE OIL & GAS ONSHORE LP	46	HORIZONTAL					366
	REI 24-17	PA	05-123-32824	KERR MCGEE OIL & GAS ONSHORE LP	56	HORIZONTAL					423
	UPRR 22 PAN AM UT/S 1	PR	05-123-14403	KERR MCGEE OIL & GAS ONSHORE LP	99	HORIZONTAL					107
	HARVEY 11N	PR	05-123-47430	PDC ENERGY INC	120	VERTICAL	YES				121
	HSR-REAM 15-5	SI	05-123-17307	KERR MCGEE OIL & GAS ONSHORE LP	154	HORIZONTAL					224
	LUDWIG-UPRR 31-5 1	PA	05-123-12721	KERR MCGEE OIL & GAS ONSHORE LP	161	VERTICAL					150
	HARVEY 12N	PR	05-123-47434	PDC ENERGY INC	186	VERTICAL					216
HETHCOCK 5-11HZ									Hethcock 5-12HZ 268'	Aristocrat Angus 6-0-8 154'	

GIS BUFFER REVIEW AND ANALYSIS

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

HETHCOCK FED 6-5HZ

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.t)? [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 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
	ARISTOCRAT ANGUS 6-2-8	PR	05-123-34282	CRESTONE PEAK RESOURCES OPERATING LLC	0	HORIZONTAL					229
	ARISTOCRAT ANGUS 6-0-8	PR	05-123-34281	CRESTONE PEAK RESOURCES OPERATING LLC	0	HORIZONTAL	YES				154
	REI 31-5HZ	PR	05-123-32316	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					226
	ARISTOCRAT ANGUS 6-4-8	PR	05-123-31038	CRESTONE PEAK RESOURCES OPERATING LLC	0	HORIZONTAL	YES				154
	LUDWIG 17-5	PA	05-123-24066	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					22
	B B DRAW H 8-1J	PA	05-123-10333	KERR MCGEE OIL & GAS ONSHORE LP	3	HORIZONTAL					61
	REI 24-17	PA	05-123-32824	KERR MCGEE OIL & GAS ONSHORE LP	20	HORIZONTAL					143
	LUDWIG-UPRR 31-5 1	PA	05-123-12721	KERR MCGEE OIL & GAS ONSHORE LP	25	VERTICAL					35
	REI 27-17	PR	05-123-32819	KERR MCGEE OIL & GAS ONSHORE LP	61	HORIZONTAL					58
	HARVEY 12N	PR	05-123-47434	PDC ENERGY INC	129	VERTICAL	YES				124
	REI 27-5	PR	05-123-32974	KERR MCGEE OIL & GAS ONSHORE LP	138	VERTICAL					145
	REI 24-5	SI	05-123-23425	KERR MCGEE OIL & GAS ONSHORE LP	168	HORIZONTAL					187
	HARVEY 13N	PR	05-123-47431	PDC ENERGY INC	196	VERTICAL					295
HETHCOCK 5-12HZ									Hethcock 5-11HZ 268'	Aristocrat Angus 7-3-8 345'	
	ARISTOCRAT ANGUS 6-2-8	PR	05-123-34282	CRESTONE PEAK RESOURCES OPERATING LLC	0	HORIZONTAL					479
	ARISTOCRAT ANGUS 6-0-8	PR	05-123-34281	CRESTONE PEAK RESOURCES OPERATING LLC	0	HORIZONTAL					404
	REI 27-5	PR	05-123-32974	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					75
	REI 31-5HZ	PR	05-123-32316	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					136
	ARISTOCRAT ANGUS 6-4-8	PR	05-123-31038	CRESTONE PEAK RESOURCES OPERATING LLC	0	HORIZONTAL					445
	BB DRAW H 8-16	PA	05-123-21515	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					361
	B B DRAW H 8-4J	PA	05-123-10410	KERR MCGEE OIL & GAS ONSHORE LP	32	HORIZONTAL					43
	HARVEY 14N	PR	05-123-47433	PDC ENERGY INC	147	VERTICAL	YES				151
	H5R-GOODNOW 16-5A	PA	05-123-17308	KERR MCGEE OIL & GAS ONSHORE LP	163	HORIZONTAL					163
	BB DRAW H 8-9	PA	05-123-17039	KERR MCGEE OIL & GAS ONSHORE LP	171	HORIZONTAL					186
	BEEBE DRAW 41-5A	PA	05-123-16094	KERR MCGEE OIL & GAS ONSHORE LP	196	VERTICAL					195
HETHCOCK 5-13HZ									Hethcock 5-14HZ 215'	Aristocrat Angus 41-8A 54'	
	REI 27-5	PR	05-123-32974	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					70
	REI 26-5	PR	05-123-32973	KERR MCGEE OIL & GAS ONSHORE LP	0	HORIZONTAL					573
	ARISTOCRAT ANGUS 7-3-8	PR	05-123-22676	CRESTONE PEAK RESOURCES OPERATING LLC	0	HORIZONTAL	YES				158
	ARISTOCRAT ANGUS 6-0-8	PR	05-123-34281	CRESTONE PEAK RESOURCES OPERATING LLC	3	HORIZONTAL					795
	ARISTOCRAT ANGUS 6-4-8	PR	05-123-31038	CRESTONE PEAK RESOURCES OPERATING LLC	15	HORIZONTAL					938
	ARISTOCRAT ANGUS 6-2-8	PR	05-123-34282	CRESTONE PEAK RESOURCES OPERATING LLC	23	HORIZONTAL					937
	BEEBE DRAW UPRR 41-17	PR	05-123-14204	KERR MCGEE OIL & GAS ONSHORE LP	43	HORIZONTAL					46
	BB DRAW H 8-16	PA	05-123-21515	KERR MCGEE OIL & GAS ONSHORE LP	50	HORIZONTAL					47
	ARISTOCRAT ANGUS 41-8A	PR	05-123-22102	CRESTONE PEAK RESOURCES OPERATING LLC	54	HORIZONTAL	YES	YES			54
	H5R-OBORNE 9-5	TA	05-123-17304	KERR MCGEE OIL & GAS ONSHORE LP	70	HORIZONTAL					123
	ARISTOCRAT ANGUS 42-8	PR	05-123-17070	CRESTONE PEAK RESOURCES OPERATING LLC	101	HORIZONTAL	YES	YES			100
	UPRR 39 PAN AM "C" 2	PA	05-123-09637	KERR MCGEE OIL & GAS ONSHORE LP	113	HORIZONTAL					2346
	ARIST. ANGUS RANCH 41-5 1	SI	05-123-09681	KERR MCGEE OIL & GAS ONSHORE LP	117	VERTICAL					754
	BEEBE DRAW UPRR 42-5	PA	05-123-13093	KERR MCGEE OIL & GAS ONSHORE LP	124	HORIZONTAL					130
	BEEBE DRAW 41-5A	PA	05-123-16094	KERR MCGEE OIL & GAS ONSHORE LP	126	VERTICAL					189
	BEEBE DRAW UPRR 42-17	SI	05-123-14205	KERR MCGEE OIL & GAS ONSHORE LP	131	HORIZONTAL					129
	ARISTOCRAT ANGUS 41-8	PR	05-123-09336	CRESTONE PEAK RESOURCES OPERATING LLC	144	HORIZONTAL					2166

GIS BUFFER REVIEW AND ANALYSIS

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HETHCOCK FED 6-5HZ

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	HARVEY 15N	PR	05-123-47427	PDC ENERGY INC	152	VERTICAL	YES				158
	HSR-GOODNOW 16-5A	PA	05-123-17308	KERR MCGEE OIL & GAS ONSHORE LP	164	HORIZONTAL					219
HETHCOCK 5-14HZ									Hethcock 5-13HZ 215'	Aristocrat Angus 42-8 335'	
	REI 27-5	PR	05-123-32974	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					70
	REI 26-5	PR	05-123-32973	KERR MCGEE OIL & GAS ONSHORE LP	0	VERTICAL					299
	REI H 09-31D	SI	05-123-35042	KERR MCGEE OIL & GAS ONSHORE LP	87	HORIZONTAL					NOT FOUND
	HARVEY 16N	PR	05-123-47426	PDC ENERGY INC	129	VERTICAL	YES				129
	LUDWIG 1-5 1	PA	05-123-14453	KERR MCGEE OIL & GAS ONSHORE LP	148	VERTICAL					171
	HARVEY 15N	PR	05-123-47427	PDC ENERGY INC	195	VERTICAL					209
	ARISTOCRAT ANGUS 7-3-8	PR	05-123-22676	CRESTONE PEAK RESOURCES OPERATING LLC	199	HORIZONTAL					364