

PROPOSED HORIZONTAL WELL(S)														
Well Name and Number		Surface Location QQ-Section-Twp-Range			Well Name and Number		Surface Location QQ-Section-Twp-Range			Well Name and Number		Surface Location QQ-Section-Twp-Range		
HOWARD 36N-33HZ		NWSE 28 - T1N - R67W			HOWARD 37C-33HZ		NWSE 28 - T1N - R67W							
HOWARD 15C-33HZ		NWSE 28 - T1N - R67W			HOWARD 16N-33HZ		NWSE 28 - T1N - R67W							
HOWARD 37N-33HZ		NWSE 28 - T1N - R67W			HOWARD 38C-33HZ		NWSE 28 - T1N - R67W							
Operator's Wellbore Integrity Contact														
OFFSET WELL EVALUATIONS														
Offset Well API #	Offset Well Name	Nearest Proposed Horizontal Well Name	Shortest Horizontal Distance from Offset Well to any Proposed HZ Well	Offset Well Operator	Offset Well Spud Date	Offset Well Status	Offset Well Surface Casing Setting Depth	Base of Fox Hills or Depth of Deepest Water Well	Historical Remedial Work to Provide Fox Hills Coverage	Offset Well Objective Formation Top	Offset Well Top of Production Casing Cement	Comments (Optional)		
512311176	05-123-11176	15 AMOCO-CHARTER-SCHNEIDER	HOWARD 16N-33HZ	3	K P KAUFFMAN COMPANY INC	30564	PA	1094	1084	NO	N/A	3400	WELL IS P&A. SUSSEX ONLY WELL (5103')	
512309038	05-123-09038	12 AMOCO-CHARTER-SCHNEIDER U A	HOWARD 16N-33HZ	9	K P KAUFFMAN COMPANY INC	28090	PR	983	790	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=5204')	
512309703	05-123-09703	14 AMOCO-CHARTER-SCHNEIDER	HOWARD 15C-33HZ	11	K P KAUFFMAN COMPANY INC	29001	PR	259	970	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=5102')	
512318763	05-123-18763	2-28 CONQUEST SWD	HOWARD 38C-33HZ	16	HIGH SIERRA WATER SERVICES LLC	34669	IJ	1045	1084	NO	N/A	7337	SWD WELL	
512309135	05-123-09135	12 AMOCO-CHARTER SCHNEIDER	HOWARD 16N-33HZ	21	K P KAUFFMAN COMPANY INC	28180	PR	199	890	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=5108')	
512310906	05-123-10906	2 YOXALL FARMS INC B	HOWARD 16N-33HZ	24	KERR-MCGEE OIL & GAS ONSHORE LP	30287	PR	1161	1084	NO	N/A	7332	4700	
512307179	05-123-07179	1 SCHNEIDER	HOWARD 16N-33HZ	28	ROCKY MOUNTAIN OIL & GAS CO.		AL	N/A	N/A	N/A	N/A	N/A	LOCATION WAS NEVER DRILLED	
512307787	05-123-07787	6 AMOCO-CHRTTR-SCHNEIDER U B	HOWARD 16N-33HZ	28	K P KAUFFMAN COMPANY INC	27414	PR	204	850	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=5075')	
512308942	05-123-08942	#3 DAVID HOWARD B	HOWARD 15C-33HZ	29	K P KAUFFMAN COMPANY INC	28029	PR	944	820	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=5041')	
512313220	05-123-13220	B-5 DAVID HOWARD	HOWARD 16N-33HZ	31	K P KAUFFMAN COMPANY INC	31721	PR	265	1084	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=5033')	
512307703	05-123-07703	3 AMOCO-CHRTTR-SCHNEIDER U A	HOWARD 15C-33HZ	61	K P KAUFFMAN COMPANY INC	26798	PR	206	1084	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=5015')	
512307421	05-123-07421	1 AMOCO-CHARTER-SCHNEIDER	HOWARD 15C-33HZ	61	K P KAUFFMAN COMPANY INC	26352	PA	230	1084	YES	N/A	351	WELL IS P&A. SUSSEX ONLY WELL (TVD=5030')	
512307784	05-123-07784	B-1 DAVID HOWARD	HOWARD 16N-33HZ	121	K P KAUFFMAN COMPANY INC	26877	PR	213	1084	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=5015')	
512316621	05-123-16621	33-33 SCHNEIDER FARMS	HOWARD 37N-33HZ	127	KERR-MCGEE OIL & GAS ONSHORE LP	33960	PR	321	1084	NO	N/A	7403	4550	
512310909	05-123-10909	2 EMIL SCHNEIDER JR	HOWARD 37N-33HZ	127	AMOCO PRODUCTION CO.		AL	N/A	N/A	N/A	N/A	N/A	LOCATION WAS NEVER DRILLED	
512308801	05-123-08801	10 AMOCO-CHARTER-SCHNEIDER	HOWARD 15C-33HZ	155	K P KAUFFMAN COMPANY INC	27937	PR	890	840	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=5050')	
512307786	05-123-07786	C-1 AMOCO-CHARTER-SCHNEIDER U	HOWARD 37N-33HZ	225	KERR-MCGEE OIL & GAS ONSHORE LP	26864	PR	218	1084	NO	N/A	7370	7690	
51233519400	123-35194-00	XCEL 34-27	HOWARD 38C-33HZ	240	KERR-MCGEE OIL & GAS ONSHORE LP	41225	PR	1179	1084	NO	N/A	7410	965	
512307816	05-123-07816	B-2 DAVID HOWARD	HOWARD 36N-33HZ	518	K P KAUFFMAN COMPANY INC	26897	PR	219	1084	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=4997')	
512321226	05-123-21226	11-34 GRENEMEYER WAGNER	HOWARD 38C-33HZ	683	ENCANA OIL & GAS (USA) INC		AL	N/A	N/A	N/A	N/A	N/A	LOCATION WAS NEVER DRILLED	
512320907	05-123-20907	14-34 SELTZER	HOWARD 38C-33HZ	701	ENCANA OIL & GAS (USA) INC	37510	PR	1110	1084	NO	N/A	7436	4518	
51233518500	123-35185-00	XCEL 13-27	HOWARD 38C-33HZ	725	KERR-MCGEE OIL & GAS ONSHORE LP	41216	PR	1178	1084	NO	N/A	7359	1088	
512309088	05-123-09088	4 DAVID HOWARD B	HOWARD 38C-33HZ	768	K P KAUFFMAN COMPANY INC	28115	PR	921	785	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=4998')	
512307958	05-123-07958	7 AMOCO-CHARTER-SCHNEIDER	HOWARD 36N-33HZ	781	K P KAUFFMAN COMPANY INC	27008	PR	224	1084	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=5124')	
512307689	05-123-07689	2 AMOCO-CHARTER-SCHNEIDER	HOWARD 36N-33HZ	789	K P KAUFFMAN COMPANY INC	26775	PR	219	1084	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=5050')	
512308802	05-123-08802	11 AMOCO-CHARTER-SCHNEIDER	HOWARD 36N-33HZ	805	K P KAUFFMAN COMPANY INC	27932	PR	930	1084	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=5100')	
512309244	05-123-09244	2-A SELTZER	HOWARD 38C-33HZ	812	PETERSON ENERGY OPERATING INC	28304	PA	168	1084	NO	N/A	3959	WELL IS P&A. SUSSEX ONLY WELL (TVD=5100')	
512308471	05-123-08471	1-A SELTZER	HOWARD 38C-33HZ	813	K P KAUFFMAN COMPANY INC	27582	PR	141	1084	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=5172')	
500109517	05-001-09517	4-2JI SELTZER PP	HOWARD 37N-33HZ	824	NOBLE ENERGY INC	38229	PR	1102	1084	NO	N/A	7435	4410	
512307732	05-123-07732	1 YOXALL FARMS	HOWARD 36N-33HZ	830	K P KAUFFMAN COMPANY INC	26831	PR	213	1084	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=4989')	
512335197	05-123-35197	12-27 XCEL	HOWARD 38C-33HZ	834	KERR-MCGEE OIL & GAS ONSHORE LP	41220	PR	1171	1084	NO	N/A	7485	830	
512320325	05-123-20325	13-34 SELTZER	HOWARD 38C-33HZ	851	ENCANA OIL & GAS (USA) INC	37034	PR	1079	1084	NO	N/A	7419	4160	
512335193	05-123-35193	35-27 XCEL	HOWARD 38C-33HZ	863	KERR-MCGEE OIL & GAS ONSHORE LP	41228	PR	1188	1084	NO	N/A	7403	965	
512308799	05-123-08799	B-2 AMOCO CHARTER SCHNEIDER	HOWARD 36N-33HZ	865	K P KAUFFMAN COMPANY INC	27938	PR	850	800	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=5000')	
512335191	05-123-35191	36-27 XCEL	HOWARD 38C-33HZ	879	KERR-MCGEE OIL & GAS ONSHORE LP	41232	PR	1167	950	NO	N/A	7640	967	
512321026	05-123-21026	12-34 GRENEMEYER WAGNER	HOWARD 38C-33HZ	887	ENCANA OIL & GAS (USA) INC	37462	PR	1088	1084	NO	N/A	7390	4136	
512335198	05-123-35198	14-27 XCEL	HOWARD 38C-33HZ	896	KERR-MCGEE OIL & GAS ONSHORE LP	41236	PR	1184	950	NO	N/A	7497	984	
512308850	05-123-08850	A-2 WAGNER	HOWARD 38C-33HZ	903	K P KAUFFMAN COMPANY INC	27996	PR	107	1084	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=5082')	
512308028	05-123-08028	1 WAGNER	HOWARD 38C-33HZ	965	K P KAUFFMAN COMPANY INC	27068	PR	109	1084	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=5140')	
500107349	05-001-07349	2 SELTZER	HOWARD 38C-33HZ	972	BATAA OIL, INC	28699	PA	197	1084	NO	N/A	UNKNOWN	WELL IS P&A. SUSSEX ONLY WELL (TVD=5100')	
500107391	05-001-07391	1 SIGNAL RESERVOIR	HOWARD 36N-33HZ	1017	BAYSWATER EXPLORATION AND PRODUCTION LLC	28880	PR	202	1084	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=5167')	
500107071	05-001-07071	1 SELTZER	HOWARD 37N-33HZ	1044	BATAA OIL, INC	27625	PA	148	1084	NO	N/A	UNKNOWN	WELL IS P&A. SUSSEX ONLY WELL (TVD=5140')	
5123109468	001-09468-00	ZARLENGO 21-4	HOWARD 36N-33HZ	1051	PDC ENERGY INC	30323	PR	418	1084	NO	N/A	6952	6061	
512307238	05-123-07238	1 EMIL SCHNEIDER JR.	HOWARD 36N-33HZ	1128	KERR-MCGEE OIL & GAS ONSHORE LP	25935	PR	206	883	NO	N/A	7408	4950	
512310492	05-123-10492	1 GRENEMEYER WAGNER C UNIT	HOWARD 38C-33HZ	1193	ENCANA OIL & GAS (USA) INC	30035	PR	212	1084	NO	N/A	7364	UNKNOWN	
512307793	05-123-07793	1 YOXALL FARMS INC UNIT B	HOWARD 36N-33HZ	1230	KERR-MCGEE OIL & GAS ONSHORE LP	26997	PR	220	758	NO	N/A	7317	4210	
512307345	05-123-07345	1 UPRR 42 PAN AM C	HOWARD 38C-33HZ	1280	K P KAUFFMAN COMPANY INC	26145	PR	236	1084	NO	N/A	UNKNOWN	SUSSEX ONLY WELL (TVD=4989')	
512319038	05-123-19038	C-2 AMOCO CHARTER SCHNEIDER	HOWARD 36N-33HZ	1346	KERR-MCGEE OIL & GAS ONSHORE LP	35041	PR	1177	810	NO	N/A	7360	4400	
512307792	05-123-07792	1 UPRR 42 PAN AM K	HOWARD 38C-33HZ	1371	KERR-MCGEE OIL & GAS ONSHORE LP	26877	PR	217	1084	YES	N/A	7318	6800	
500108851	05-001-08851	1-4 SELTZER	HOWARD 16N-33HZ	1444	NOBLE ENERGY INC	33364	PR	301	1084	NO	N/A	7436	6780	