

PROPOSED HORIZONTAL WELL(S)												
		Surface Location				Surface Location				Surface Location		
Well Name and Number		QQ-Section-Twp-Range		Well Name and Number		QQ-Section-Twp-Range		Well Name and Number		QQ-Section-Twp-Range		
FIVER RIVERS K07-64-1HN		SEC 07 4N 66W		FIVE RIVERS K18-69HN		SEC 18 4N 66W						
FIVER RIVERS K07-63-1HN		SEC 07 4N 66W										
FIVER RIVERS K07-62-1HN		SEC 07 4N 66W										
Operator's Wellbore Integrity Contact den.wellbore@nobleenergyinc.com												
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 offset Water Well	Historical Remedial Work to Provide Fox Hills Coverage	Offset Well Objective Formation Top	Offset Well Top of Production Casing Cement	Comments (Optional)
05-123-11502	BERNHARDT 01-11	Five Rivers K07-64-	443	K P KAUFFMAN	1983	PR	349	375p		6883		
05-123-22655	BERNHARDT 07-14	Five Rivers K07-63-	293	K P KAUFFMAN	2005	PR	410	378p		6925	3176	
05-123-22698	BERNHARDT 07-16	Five Rivers K07-63-	303	K P KAUFFMAN	2005	PR	410	375p		6854	2700	
05-123-17290	BERNHARDT 07-31	Five Rivers K07-64-	0	NOBLE	1993	PR	448	370p		7140	11' & 6593'	
05-123-19805	BERNHARDT 13A	Five Rivers K18-69HN	1151	PDC ENERGY INC	1999	PR	403	342p		6911	6510	
05-123-12045	EDKAM 04-33	Five Rivers K07-64-	569	K P KAUFFMAN	1984	PR	361	346p		6903	6288	
05-123-12169	EDKAM 05-34	Five Rivers K07-63-	167	K P KAUFFMAN	1984	PR	357	351p		6862	6010	
05-123-12763	EHRlich 03-18	Five Rivers K18-69HN	669	KERR-MCGEE	1985	PR	306	389p		6879	6340	
05-123-26401	FIVE RIVERS 04-16-31	Five Rivers K18-69HN	1500	K P KAUFFMAN		XX						
05-123-32581	FIVE RIVERS K08-22D	Five Rivers K07-64-	1307	NOBLE	2011	PR	613	336p		7012	1522	
05-123-32439	FIVE RIVERS K08-23	Five Rivers K07-63-	252	NOBLE	2011	PR	645	341p		6912	1180	
05-123-32436	FIVE RIVERS K08-24D	Five Rivers K07-64-	176	NOBLE	2011	PR	607	341p		7032	889' & 1550'	
05-123-32441	FIVE RIVERS K09-33D	Five Rivers K07-63-	0	NOBLE	2011	PR	603	341p		7140	1842	
05-123-32442	FIVE RIVERS K16-30D	Five Rivers K07-62-	0	NOBLE	2011	PR	603	341p		7254	1308	
05-123-31980	FIVE RIVERS K17-27	Five Rivers K07-62-	48	NOBLE	2012	PR	693	335p		6908	2592	
05-123-10991	FRONT RANGE 01-17	Five Rivers K18-69HN	653	BAYSWATER	1983	PR	464	356p		6939	5680	
05-123-34681	FRONT RANGE K17-28D	Five Rivers K18-69HN	22	NOBLE		XX						
05-123-17337	GREENHEAD 18-11	Five Rivers K07-62-	0	NOBLE	1993	PR	450	370p		7587	7120	
05-123-17338	GREENHEAD 18-12	Five Rivers K07-62-	0	NOBLE	1993	PR	458	370p		7506	11' & 6955'	
05-123-25175	HODGSON 04-17-30	Five Rivers K18-69HN	153	K P KAUFFMAN		XX						
05-123-24788	KAMMERZELL 07-07-24	Five Rivers K07-64-	1305	K P KAUFFMAN		XX						
05-123-16425	KAMMERZELL 07-41	Five Rivers K07-64-	516	NOBLE	1992	PR	459	358p		6858	10' & 6578'	
05-123-16426	KAMMERZELL 07-42	Five Rivers K07-64-	359	NOBLE	1992	PR	464	380p		6893	11' & 6576'	
05-123-17291	KAMMERZELL 07-43	Five Rivers K07-63-	220	NOBLE	1993	PR	468	370p		6983	11' & 6352'	
05-123-17292	KAMMERZELL 07-44	Five Rivers K07-63-	278	NOBLE	1993	PR	459	370p		7286	11' & 6744'	
05-123-11889	KAMMERZELL, ED 03-28	Five Rivers K07-64-	634	K P KAUFFMAN	1984	PR	346	360p		6877		
05-123-11672	LEWIS 02-20	Five Rivers K18-69HN	601	K P KAUFFMAN	1984	PR	348	336p		6878		OPTION 1: ANNULAR FILL
05-123-11306	LEWIS 01-C	Five Rivers K18-69HN	455	K P KAUFFMAN	1983	PR	363	354p		6869		
05-123-18038	MONFORT GILCREST K08-	Five Rivers K07-64-	517	NOBLE	1994	PR	520	331p		6896	3016' & 5940'	
05-123-11089	MONFORT GILCREST K08-	Five Rivers K07-64-	424	NOBLE	1983	PR	432	338p		6879	6427	
05-123-11124	MONFORT GILCREST K08-	Five Rivers K07-63-	247	NOBLE	1983	PR	415	340p		6890	6605	
05-123-18958	MONFORT GILCREST K08-	Five Rivers K07-63-	225	NOBLE	1996	PR	572	332p		6896	3600	
05-123-11291	MONFORT GILCREST K08-	Five Rivers K18-69HN	196	NOBLE	1983	PR	462	331p		6933	6135	
05-123-11285	MONFORT GILCREST K09-	Five Rivers K07-63-	656	NOBLE	1983	PR	462	355p		6927	130' & 6500'	
05-123-26203	POPE #18-17	Five Rivers K18-69HN	956	K P KAUFFMAN		XX						
05-123-26256	POPE 03-17-21R	Five Rivers K18-69HN	637	K P KAUFFMAN		XX						
05-123-24810	POPE 03-17-29	Five Rivers K18-69HN	122	K P KAUFFMAN		XX						
05-123-31580	RML #12-08-19	Five Rivers K07-64-	0	K P KAUFFMAN		XX						
05-123-24830	RML #12-08-33	Five Rivers K07-64-	0	K P KAUFFMAN		XX						
05-123-24831	RML 05-08-32	Five Rivers K07-64-	1375	K P KAUFFMAN		XX						
05-123-26544	SCHNEIDER 13-07-33	Five Rivers K07-63-	258	K P KAUFFMAN		XX						
05-123-24789	SCHNEIDER 13-07-35	Five Rivers K07-62-	0	K P KAUFFMAN		XX						
05-123-26054	SCHNEIDER 19-07	Five Rivers K07-63-	72	K P KAUFFMAN		XX						
05-123-19201	TIGGER K17-02	Five Rivers K18-69HN	803	NOBLE	1996	PR	362	328p		6963	6430	
05-123-17905	UPRC 09-0616	Five Rivers K07-64-	779	SNYDER OIL CORP	1994	DA	530	356p				
05-123-19034	UPRC 09-0616 (2)	Five Rivers K07-64-	805	SNYDER OIL CORP	1995	PA	568	322p		7231	4680' & 6260'	
05-123-17906	UPRC 09-1116	Five Rivers K07-64-	835	NOBLE	1994	PR	508	352p		7359	3910' & 4994'	
05-123-17907	UPRC 09-1216	Five Rivers K07-64-	805	NOBLE	1994	PR	518	322p		6975	4425' & 6080'	
05-123-17908	UPRC 09-1416	Five Rivers K07-64-	782	NOBLE	1994	PR	559	322p		7607	4266	
05-123-07269	UPRR PAN AM 01 61	Five Rivers K07-64-	808	AMOCO	2001	PA	333	353p		6924		

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INSTRUCTIONS FOR OFFSET WELL EVALUATIONS	
PROPOSED HORIZONTAL WELL(S)	
Well Name and Number	Enter the well name and number for the proposed well(s) for which this offset well evalautation list was prepared. The well name and number must match the Application for Permit to Drill - Form 2 to which this evaluation sheet is attached. Multiple proposed wells may be listed here; one offset well evaluation list may apply to more than one proposed well and may be attached to more than one APD. Please add rows, as needed, to accommodate all wells for which this evaluation was done.
Surface Location QQ-Section-Twp-Range	Enter the quarter-quarter, section, township, and range of the surface location for the proposed well(s)
Operator's Wellbore Integrity Contact	Enter the email address that you would like to receive notice of offset operators stimulations and offset well mitigation requirements.
OFFSET WELL EVALUATIONS	
Offset Well API #	Enter the API# for all wells within 500' of the proposed wellbore in successive rows. If no wells exist within 500', enter "None," but do still submit this form as an attachment to the APD.
Offset Well Name	Enter this well's name.
Nearest Proposed Horizontal Well Name	Enter the name of the proposed horizontal well that is the nearest to this well.
Shortest Horizontal Distance from Offset Well to any Proposed HZ Well	Enter the shortest distance within the production zone from the existing well to the closest proposed horizontal well being evaluated by this sheet.
Offset Well Operator	Enter this well's operator of record.
Offset Well Spud Date	Enter the date this well was spud.
Offset Well Status	Enter this well's current status. IF THE STATUS IS "XX" (approved APD but no spud notice) OR "DG", NO ADDITIONAL INFORMATION IS REQUIRED IN THIS ROW.
Offset Well Surface Casing Setting Depth	Enter this well's surface casing setting depth.
Base of Fox Hills/Depth of Deepest Water Well	Enter the greater of the depth to the base of the Fox Hills transition zone based on this well's or an adjacent well's induction log or the grade corrected depth of the deepest water well within one mile of the proposed well's surface location.
Historical Remedial Work to Provide Fox Hills Coverage	Enter the depth to the DV tool and/or the stage cement top, if any. (**Complete cell only if an annular fill was done or a DV tool was used in the history of the well to provide the aquifer coverage.**)
Offset Well Objective Formation Top	IF THE PROPOSED HORIZONTAL WELL'S OBJECTIVE IS THE NIOBRARA OR CODELL - and this existing well penetrates the Niobrara, enter the Niobrara formation top based on this well's or an adjacent well's induction log. If this well does not penetrate the Niobrara and the proposed well will at least penetrate the Niobrara, enter "N/A" and no additional information is needed in this row. IF THE PROPOSED HORIZONTAL WELL'S OBJECTIVE FORMATION IS DEEPER THAN THE NIOBRARA AND CODELL - enter the formation top for the objective formation and its name.
Offset Well Top of Production Casing Cement	Enter the top of cement of the primary production casing cement job.
Comments (Optional)	Provide any other information deemed relevant. Also if needed, provide an acknowledgement that this well will be mitigated per the Horizontal Offset Policy (draft).