

PROPOSED HORIZON													
Well Name and Number		Surface Location		Well Name and Number		Surface Location		Well Name and Number		Surface Location		Well Name and Number	
WOOLLEY-SOSA 2A-7H-E168		QQ-Section-Twp-Range		WOOLLEY-SOSA 2D-7H-E168		QQ-Section-Twp-Range		WOOLLEY-SOSA 2G-7H-E168		QQ-Section-Twp-Range		WOOLLEY-SOSA 2G-7H-E168	
WOOLLEY-SOSA 2B-7H-E168		Town: 1N Range: 68W Sec:7		WOOLLEY-SOSA 2E-7H-E168		Town: 1N Range: 68W Sec:7		WOOLLEY-SOSA 2F-7H-E168		Town: 1N Range: 68W Sec:7		WOOLLEY-SOSA 2F-7H-E168	
WOOLLEY-SOSA 2C-7H-E168		Town: 1N Range: 68W Sec:7		WOOLLEY-SOSA 2F-7H-E168		Town: 1N Range: 68W Sec:7		WOOLLEY-SOSA 2F-7H-E168		Town: 1N Range: 68W Sec:7		WOOLLEY-SOSA 2F-7H-E168	
Operator's Wellbore Integrity Contact													
OFFSET WELL E													
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		
05013060340000	BAILEY 12-1	WOOLLEY-SOSA 2A-7H-E168	1337	H & R WELL SERVICES INCORPORATED	05/12/1980	PA	740	301		7387	7410	Well P&A'd in 1996. From COGCC doc#	
05013061060000	BAILEY 12-2	WOOLLEY-SOSA 2A-7H-E168	1068	ENCANA OIL & GAS (USA) INCORPORATED	04/05/1982	PA	631	361		7372	7450	Well P&A'd in 2008. From COGCC doc#	
N/A	BAILEY 1D-12H	WOOLLEY-SOSA 2A-7H-E168	1345	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	BAILEY 1E-12H	WOOLLEY-SOSA 2A-7H-E168	995	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	BAILEY 1F-12H	WOOLLEY-SOSA 2A-7H-E168	645	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	BAILEY 1G-12H	WOOLLEY-SOSA 2A-7H-E168	295	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	BAILEY 41-12	WOOLLEY-SOSA 2A-7H-E168	1339	Encana Oil & Gas (USA) Inc.								not drilled yet	
05013065340000	BAILEY 42-12	WOOLLEY-SOSA 2A-7H-E168	791	ENCANA OIL & GAS (USA) INCORPORATED	03/23/2009	PR	866	304		7364	3130		
05013065330000	BAILEY 43-12	WOOLLEY-SOSA 2A-7H-E168	728	ENCANA OIL & GAS (USA) INCORPORATED	03/28/2009	PR	866	304		7533	6984		
N/A	BAILEY 6-2-12	WOOLLEY-SOSA 2A-7H-E168	1476	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	BAILEY 6-4-12	WOOLLEY-SOSA 2A-7H-E168	1384	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	BAILEY 8-2-12	WOOLLEY-SOSA 2A-7H-E168	354	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	BAILEY 8-6-12	WOOLLEY-SOSA 2A-7H-E168	101	Encana Oil & Gas (USA) Inc.								not drilled yet	
05013065510000	BAILEY 8-8-1	WOOLLEY-SOSA 2A-7H-E168	1784	ENCANA OIL & GAS (USA) INCORPORATED	08/22/2007	PR	775	293		7567	6954		
05123349430000	BEARDEN 2-8-6	WOOLLEY-SOSA 2D-7H-E168	1767	Encana Oil & Gas (USA) Inc.	02/08/2013	WO	755	298		7549	3120		
05123237580000	BILLINGS 21-7	WOOLLEY-SOSA 2G-7H-E168	1181	KAUFFMAN K P COMPANY INCORPORATED	08/05/2006	PR	716					SUSSEX/SHANNON well that did not per	
05013066670000	CANYON CREEK 4-13	WOOLLEY-SOSA 2A-7H-E168	1373	ENCANA OIL & GAS (USA) INCORPORATED	07/14/2012	PR	838	458		7561	3050		
05013066320000	CANYON CREEK 43-13	WOOLLEY-SOSA 2A-7H-E168	603	ENCANA OIL & GAS (USA) INCORPORATED	06/27/2012	PR	838	457		7644	3630		
05013066290000	CANYON CREEK 44-13	WOOLLEY-SOSA 2A-7H-E168	594	ENCANA OIL & GAS (USA) INCORPORATED	06/22/2012	PR	840	456		7948	4300		
05013066330000	CANYON CREEK 8-6-13X	WOOLLEY-SOSA 2A-7H-E168	187	ENCANA OIL & GAS (USA) INCORPORATED	07/04/2012	PR	839	457		7805	4150		
05123232880000	COAL CREEK 31-19	WOOLLEY-SOSA 2G-7H-E168	1506	ENCANA OIL & GAS (USA) INCORPORATED	11/24/2006	PR	887	520		7506	6350		
05123299240000	COMMONS 18-19	WOOLLEY-SOSA 2E-7H-E168	1722	KERR-MCGEE OIL & GAS ONSHORE LP	10/30/2009	PR	901	501		7447	1800	TOC from COGCC doc# 1544311	
05123299210000	COMMONS 28-19	WOOLLEY-SOSA 2G-7H-E168	582	KERR-MCGEE OIL & GAS ONSHORE LP	10/22/2009	PR	917	503		7695	1510		
05123299190000	COMMONS 3-19	WOOLLEY-SOSA 2F-7H-E168	1128	KERR-MCGEE OIL & GAS ONSHORE LP	11/03/2009	PR	832	517		7547	7000		
05123299250000	COMMONS 4-19	WOOLLEY-SOSA 2C-7H-E168	1147	KERR-MCGEE OIL & GAS ONSHORE LP	10/17/2009	PR		501		7542		No information on Wellbore Completed s	
N/A	ERIE 0-8-18	WOOLLEY-SOSA 2A-7H-E168	433	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	ERIE 13-18	WOOLLEY-SOSA 2C-7H-E168	128	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	ERIE 14-18	WOOLLEY-SOSA 2B-7H-E168	90	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	ERIE CHAMPLIN 23-18	WOOLLEY-SOSA 2F-7H-E168	141	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	ERIE CHAMPLIN 24-18	WOOLLEY-SOSA 2F-7H-E168	143	Encana Oil & Gas (USA) Inc.								not drilled yet	
05123324220000	ERIE CHAMPLIN 31-18	WOOLLEY-SOSA 2G-7H-E168	975	Encana Oil & Gas (USA) Inc.		XX						not drilled yet	
N/A	ERIE CHAMPLIN 3-18	WOOLLEY-SOSA 2D-7H-E168	115	Encana Oil & Gas (USA) Inc.								not drilled yet	
05123324200000	ERIE CHAMPLIN 32-18	WOOLLEY-SOSA 2G-7H-E168	1120	Encana Oil & Gas (USA) Inc.		XX						not drilled yet	
N/A	ERIE CHAMPLIN 33-18	WOOLLEY-SOSA 2G-7H-E168	1116	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	ERIE CHAMPLIN 34-18	WOOLLEY-SOSA 2G-7H-E168	970	Encana Oil & Gas (USA) Inc.								not drilled yet	
05123324230000	ERIE CHAMPLIN 4-2-18	WOOLLEY-SOSA 2G-7H-E168	409	Encana Oil & Gas (USA) Inc.		XX						not drilled yet	
N/A	ERIE CHAMPLIN 4-4-18	WOOLLEY-SOSA 2G-7H-E168	588	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	ERIE CHAMPLIN 4-6-18	WOOLLEY-SOSA 2G-7H-E168	403	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	ERIE VESSELS 4A-18H-1168	WOOLLEY-SOSA 2G-7H-E168	479	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	ERIE VESSELS 4B-18H-1168	WOOLLEY-SOSA 2G-7H-E168	829	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	ERIE VESSELS 4C-18H-1168	WOOLLEY-SOSA 2G-7H-E168	1233	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	ERIE WOOLLEY 4A-18H-1168	WOOLLEY-SOSA 2G-7H-E168	288	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	ERIE WOOLLEY 4B-18H-1168	WOOLLEY-SOSA 2G-7H-E168	677	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	ERIE WOOLLEY 4C-18H-1168	WOOLLEY-SOSA 2G-7H-E168	1027	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	ERIE WOOLLEY 4D-18H-1168	WOOLLEY-SOSA 2G-7H-E168	1338	Encana Oil & Gas (USA) Inc.								not drilled yet	
05013065730000	LUMRY 8-2-24	WOOLLEY-SOSA 2A-7H-E168	1760	ENCANA OIL & GAS (USA) INCORPORATED	06/06/2008	PR	849	522		7570	6866		
05123262370000	SOSA 11-18	WOOLLEY-SOSA 2B-7H-E168	72	ENCANA OIL & GAS (USA) INCORPORATED	09/14/2007	PR	759	408		7456	6850		
05123262390000	SOSA 12-18	WOOLLEY-SOSA 2B-7H-E168	66	ENCANA OIL & GAS (USA) INCORPORATED	09/28/2007	PR	769	408		7496	6864		
05123262360000	SOSA 21-18	WOOLLEY-SOSA 2G-7H-E168	109	ENCANA OIL & GAS (USA) INCORPORATED	09/21/2007	PR	772	407		7597	6942		
05123262380000	SOSA 22-18	WOOLLEY-SOSA 2F-7H-E168	167	ENCANA OIL & GAS (USA) INCORPORATED	10/06/2007	PR	773	408		7505	6912		
05123116980000	SOSA-A UNIT 1	WOOLLEY-SOSA 2D-7H-E168	163	ENCANA OIL & GAS (USA) INCORPORATED	03/20/1984	PR	714	398		7390	6800	TOC from COGCC doc# 841251	
05123233090000	THOMAS 14-7	WOOLLEY-SOSA 2C-7H-E168	124	ENCANA OIL & GAS (USA) INCORPORATED	11/11/2007	PR	922	367		7388	6740		
N/A	THOMAS 23-7	WOOLLEY-SOSA 2F-7H-E168	148	Encana Oil & Gas (USA) Inc.								not drilled yet	
05123253950000	THOMAS 24-7	WOOLLEY-SOSA 2F-7H-E168	132	ENCANA OIL & GAS (USA) INCORPORATED	06/28/2008	PR	951	372		7403	6995		
05123264120000	THOMAS 2-8-7	WOOLLEY-SOSA 2D-7H-E168	134	ENCANA OIL & GAS (USA) INCORPORATED	06/15/2008	PR	808	373		7446	6948		
05123259640000	THOMAS 33-7	WOOLLEY-SOSA 2G-7H-E168	874	ENCANA OIL & GAS (USA) INCORPORATED	06/21/2008	PR	816	373		7644	6810		
N/A	THOMAS 34-7	WOOLLEY-SOSA 2G-7H-E168	917	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	THOMAS 4-4-7	WOOLLEY-SOSA 2G-7H-E168	450	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	THOMAS 4-6-7	WOOLLEY-SOSA 2G-7H-E168	435	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	THOMAS 4-8-7	WOOLLEY-SOSA 2G-7H-E168	319	Encana Oil & Gas (USA) Inc.								not drilled yet	
05123190720000	THOMAS 7-12	WOOLLEY-SOSA 2B-7H-E168	57	ENCANA OIL & GAS (USA) INCORPORATED	03/17/1996	PR	789	346		7382	4640	TOC from COGCC doc#51012	
05123107100000	THOMAS-E UNIT 1	WOOLLEY-SOSA 2E-7H-E168	97	ENCANA OIL & GAS (USA) INCORPORATED	06/05/1982	PR	733	360		7401	7350	TOC from COGCC doc#51111, we will ne	
N/A	VESSELS MINERALS 3A-19H	WOOLLEY-SOSA 2A-7H-E168	942	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	VESSELS MINERALS 3B-19H	WOOLLEY-SOSA 2B-7H-E168	943	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	VESSELS MINERALS 3C-19H	WOOLLEY-SOSA 2C-7H-E168	943	Encana Oil & Gas (USA) Inc.								not drilled yet	
N/A	VESSELS MINERALS 3D-19H	WOOLLEY-SOSA 2D-7H-E168	941	Encana Oil & Gas (USA) Inc.								not drilled yet	

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 on Casing Cement	
N/A	VESSELS MINERALS 3E-19H	WOOLLEY-SOSA 2E-7H-E168	941	Encana Oil & Gas (USA) Inc.								not drilled yet
N/A	VESSELS MINERALS 3F-19H	WOOLLEY-SOSA 2F-7H-E168	940	Encana Oil & Gas (USA) Inc.								not drilled yet
N/A	VESSELS MINERALS 3G-19H	WOOLLEY-SOSA 2G-7H-E168	940	Encana Oil & Gas (USA) Inc.								not drilled yet
N/A	VESSELS MINERALS 3H-19H	WOOLLEY-SOSA 2G-7H-E168	994	Encana Oil & Gas (USA) Inc.								not drilled yet
05013060520000	WIGGETT 13-1	WOOLLEY-SOSA 2A-7H-E168	1112	ENCANA OIL & GAS (USA) INCORPORATED	12/02/1981	PR	709	389		7395	6940	TOC from COGCC doc#33770
05013065690000	WIGGETT 42-13	WOOLLEY-SOSA 2A-7H-E168	690	ENCANA OIL & GAS (USA) INCORPORATED	05/12/2009	PR	751	400		7534	4300	
0501306590	WIGGETT 6-4-13	WOOLLEY-SOSA 2A-7H-E168	1344	ENCANA OIL & GAS (USA) INCORPORATED	04/29/2009	PR	746	401		7633	6426	
05013065890000	WIGGETT 7-0-13	WOOLLEY-SOSA 2A-7H-E168	706	ENCANA OIL & GAS (USA) INCORPORATED	05/06/2009	PR	750	400		7492	5962	
05013065700000	WIGGETT 8-2-13	WOOLLEY-SOSA 2A-7H-E168	103	ENCANA OIL & GAS (USA) INCORPORATED	05/18/2009	PR	754	400		7510	4190	
05123090930000	WOOLLEY 1-A	WOOLLEY-SOSA 2G-7H-E168	1386	ENCANA OIL & GAS (USA) INCORPORATED	01/28/1977	PR	201	403	Yes, DV Tool @ 820'	7451	7270	TOC from COGCC doc#51067, we will nt
05123329790000	WOOLLEY 11-7	WOOLLEY-SOSA 2B-7H-E168	1182	ENCANA OIL & GAS (USA) INCORPORATED	03/11/2012	PR	839	394		7617	3635	
05123229880000	WOOLLEY 12-7	WOOLLEY-SOSA 2B-7H-E168	105	ENCANA OIL & GAS (USA) INCORPORATED	05/28/2005	PR	815	334		7374	7885	we will provide at least 200' coverage abc
05123220150000	WOOLLEY 21-7	WOOLLEY-SOSA 2F-7H-E168	1114	ENCANA OIL & GAS (USA) INCORPORATED	04/03/2004	PR	922	394		7489	6984	
05123329820000	WOOLLEY 22-7	WOOLLEY-SOSA 2F-7H-E168	135	ENCANA OIL & GAS (USA) INCORPORATED	03/16/2012	PR	864	394		7668	3840	
05123329840000	WOOLLEY 2-4-7	WOOLLEY-SOSA 2E-7H-E168	60	ENCANA OIL & GAS (USA) INCORPORATED	03/21/2012	PR	839	395		7822	3700	
05123329470000	WOOLLEY 31-7	WOOLLEY-SOSA 2G-7H-E168	1580	Encana Oil & Gas (USA) Inc.		XX						not drilled yet
05123329860000	WOOLLEY 4-0-7	WOOLLEY-SOSA 2G-7H-E168	1695	ENCANA OIL & GAS (USA) INCORPORATED	03/03/2012	PR	837	395		7503	3580	
05123329500000	WOOLLEY 4-2-7	WOOLLEY-SOSA 2G-7H-E168	564	Encana Oil & Gas (USA) Inc.		XX						not drilled yet
05123329510000	WOOLLEY 6-4-7	WOOLLEY-SOSA 2G-7H-E168	1628	Encana Oil & Gas (USA) Inc.		XX						not drilled yet
05123176880000	WOOLLEY F UNIT 1	WOOLLEY-SOSA 2E-7H-E168	331	ENCANA OIL & GAS (USA) INCORPORATED	01/06/1994	PR	815	381		7493	4130	

ONTAL WELL(S)
Surface Location
QQ-Section-Twp-Range
Town: 1N Range: 68W Sec:7

VALUATIONS

Comments (Optional)

33704. CIBP set @ 4900' w/ 2 sxs cement. Cut production casing at 2900'. Set 40 sxs cement @ 790'. Set 10 sxs cement @ surface. TOC from COGCC doc#33702  
1937359. CIBP set @ 7440' w/ 10 sxs cement. Perf @ 4920' and squeeze w/ 100 sxs cement. Perf @ 680' and squeeze a/ 100 sxs cement. Pump 10 sxs @ surface.

etrate the Niobrara. Only drilled to 5172'.

action on COGCC website. Will get with KMG and remediate well if necessary to have adequate coverage over fox hills and Niobrara

eed to add cement above Niobrara to get at least 200' of coverage

Comments (Optional)

eed to add cement above Niobrara to get at least 200' of coverage

ve the Niobrara formation