

WASKADA UNIT NO. 6
WATERFLOOD EOR PROJECT
ANNUAL WATERFLOOD PROGRESS REPORT FOR 2017

June 27, 2018

Tundra Oil and Gas

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Table 1: Waskada Unit No. 6 Well List and History

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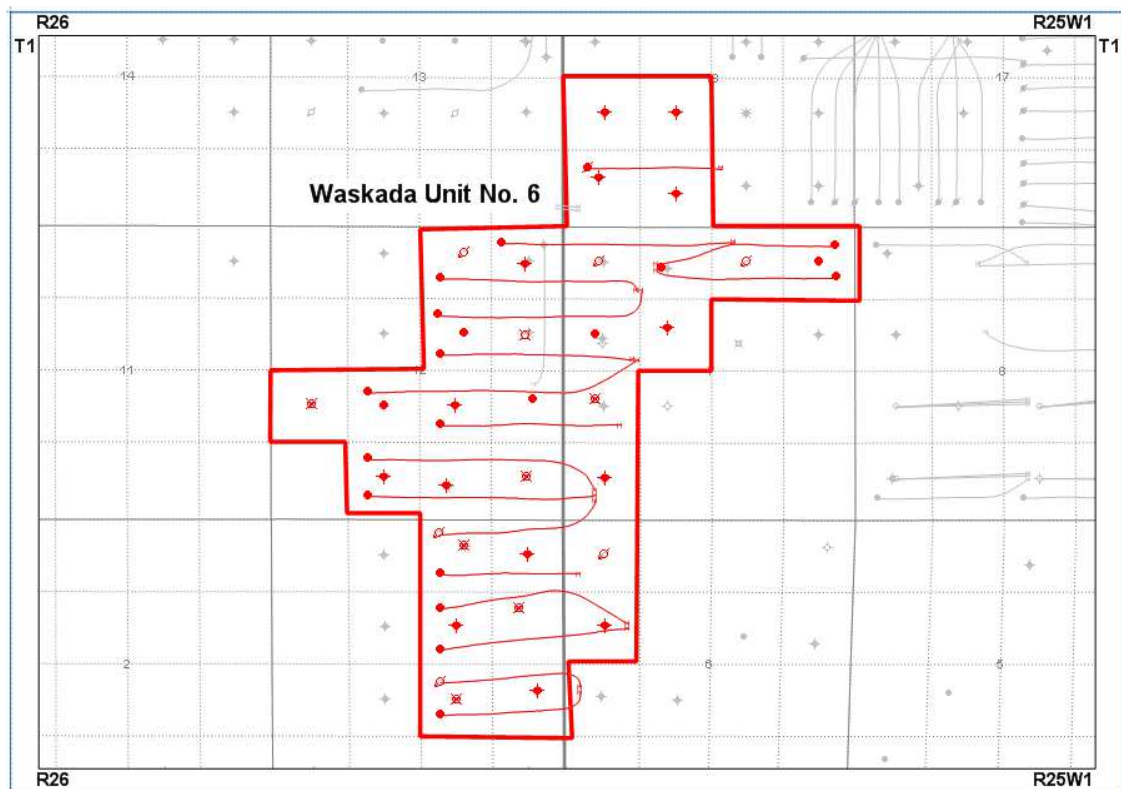
Table 4: Summary of Producing Wells

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INTRODUCTION

Waskada Unit No. 6 Enhanced Oil Recovery (EOR) Waterflood Project was approved under Board Order No. PM 44 effective May 1985 and then amended into WF Order No. 1 in May 1995. Waskada Unit No. 6 area contains 22 abandoned/suspended wells, including 11 inactive/abandoned injectors, and 26 producing/injection wells in 31 LSDs in Township 1, Range 26 W1 as shown in the figure below.

Figure 1: Waskada Unit 6 Area Outline



In accordance with Section 73 of the Manitoba Drilling and Production Regulation, Tundra hereby submits the following 2017 Annual Progress Report for Waskada Unit No. 6.

PRODUCTION HISTORY

For the wells included in Waskada Unit No. 6, production started in November 1982 with the 00/10-01-001-26W1/0 vertical well. Average oil production peaked for the first time at 3.0 m³/d per well in May 1985. This production was coming from 30 wells and totaled 91.4 m³/d for the whole Unit. The production at the end of December 2017 averaged 1.29 m³/d per well, totaling 12.9 m³/d for the Unit. Water injection commenced in Waskada Unit No. 6 in January 1985 until present day. The rates and WOR are presented in Figure 2. In 2017, Waskada Unit No. 6 produced 4.75 e³m³ of oil, 42.89 e³m³ of water, 228.0 e³m³ of gas, and injected 49.9 e³m³ of water.

Figure 2: Waskada Unit 6 Production/Injection Rates and WOR vs Time

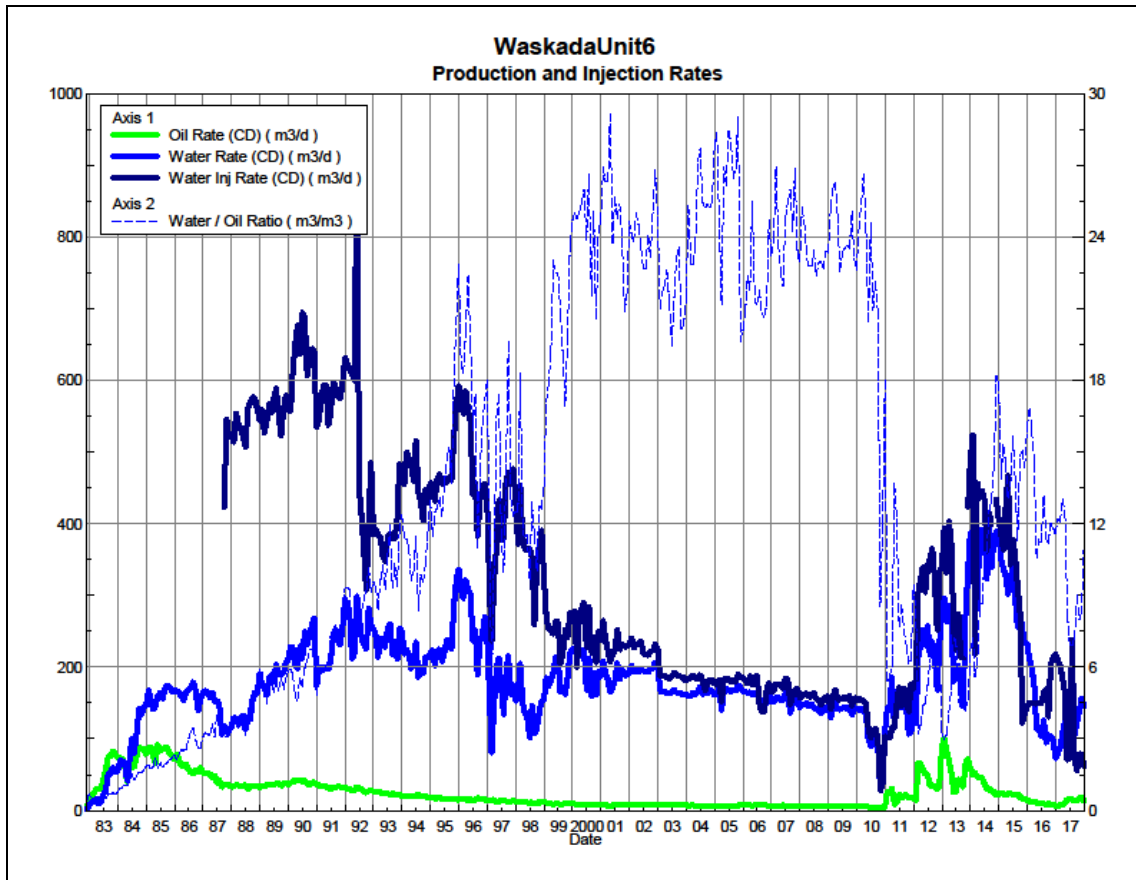
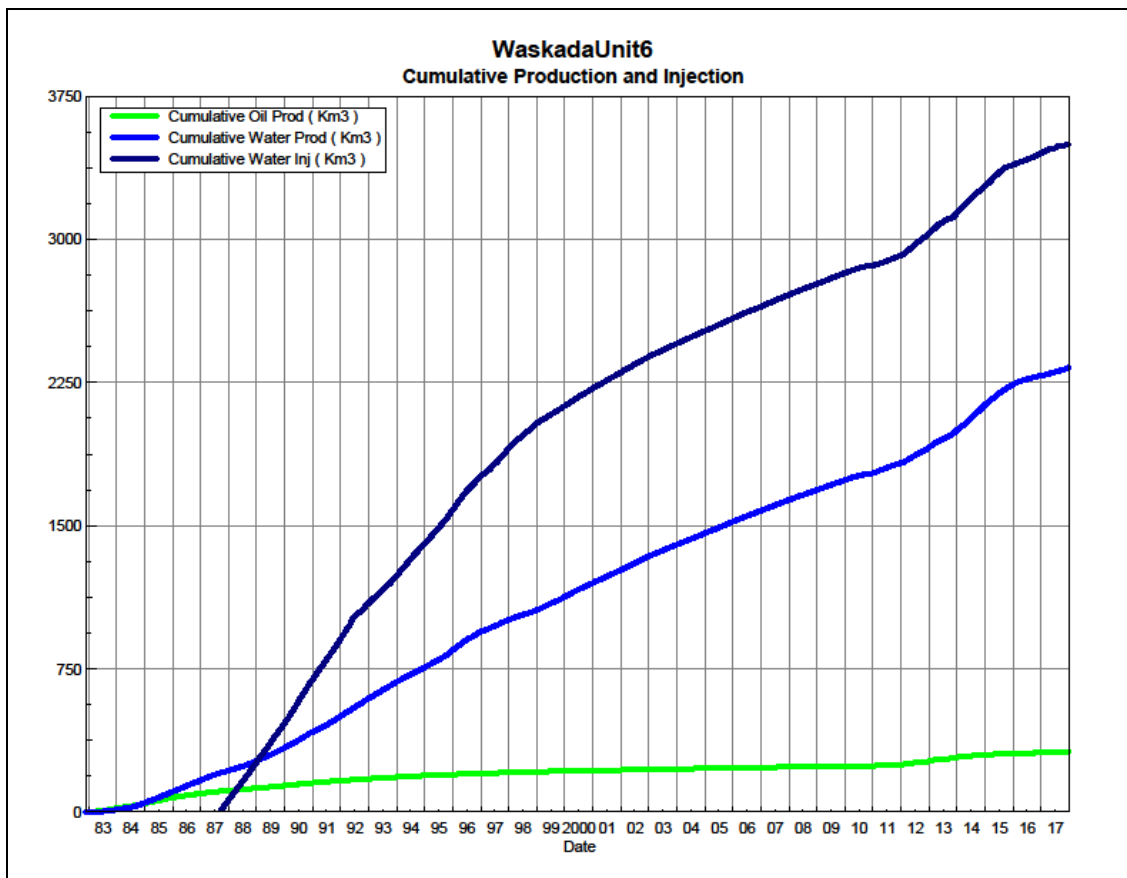


Figure 3 shows the cumulative production for Waskada Unit No. 6 to the end of December 2017 as 315.4 e³m³ of oil, and 2,329.0 e³m³ of water. The cumulative injected water was 3,496.9 e³m³.

Figure 3: Waskada Unit 6 Cumulative Oil, Water and Water Injected vs Time



WATERFLOOD HISTORY

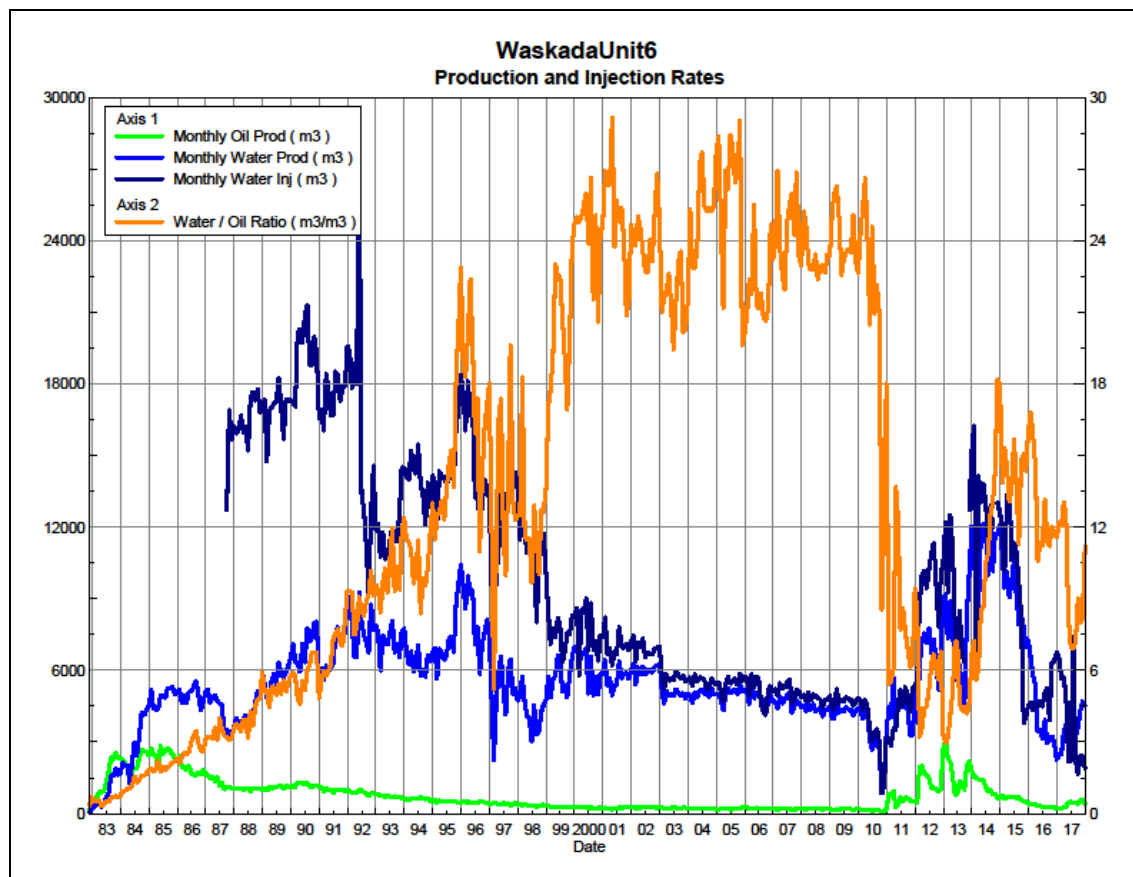
Water injection commenced in Waskada Unit No. 6 in September 1987 with the conversion of 10 vertical producers to injection. Three more vertical injection wells were added in August 1995. In May 2015, 2 horizontal producers were converted to injection. In 2017, the 103/10-01 and 103/03-12-001-26W1 horizontal producers were converted to injection. As of December 2017, Waskada Unit No. 6 has 4 active horizontal injectors; the vertical injectors are either abandoned or suspended.

Any future revisions to the waterflood development or surveillance plan would be based on new production or performance response data, technical studies or observed reservoir behavior and reserves recovery interpretations.

WATERFLOOD PERFORMANCE

From January 1 to December 31 in 2017, Waskada Unit No. 6 produced 49.8 e³m³ of fluid (4.75 e³m³ of oil, 42.89 e³m³ of water) and injected 49.9 e³m³ of source water. This resulted in a yearly VRR of 0.933, below the minimum target of 1. Despite the yearly VRR being below 1, the cumulative VRR remained above 1.0 at 1.299. Table 2 summarizes the yearly and cumulative VRR for Waskada Unit No. 6.

Figure 4: Waskada Unit 6 Production and Injection Rate



INJECTION WELLHEAD PRESSURES

Table No. 5 summarizes the Injection Wellhead Pressures that were recorded in 2017.

RESERVOIR PRESSURE

Where practical, Tundra is committed to collecting pressure data from newly drilled injection wells. Since no new wells were drilled in the Unit, therefore, no pressure surveys were conducted in 2017.

WELL SERVICING

The following table illustrates the maintenance done on the Waskada Unit No. 6 wells in 2017.

UWI	Workover Type	Date
102.07-01-001-26W1.00	Packer Repair	03/06/2017
102.07-01-001-26W1.00	Packer Repair	09/19/2017
102.15-01-001-26W1.00	Cemented Liner Clean Out	11/27/2017
103.10-01-001-26W1.00	Clean horizontal and convert to WIW	11/13/2017
102.06-12-001-26W1.00	Cemented Liner Clean Out	09/15/2017
102.15-12-001-26W1.00	Cemented Liner Clean Out	03/14/2017
103.03-12-001-26W1.00	Pump Change	03/19/2017
103.03-12-001-26W1.00	Convert Spearfish Producer to WIW	09/29/2017
103.10-12-001-26W1.00	Pump Change	12/17/2017
103.10-12-001-26W1.00	Spearfish Cemented Liner Cleanout	10/24/2017

CORROSION AND SCALE PREVENTION

The facilities at Waskada Unit No. 6 are currently using cathodic and chemical protection against corrosion and scale in the new horizontal wells. All facilities are monitored every 3 months to assess the corrosion and ensure that proper electrical current is being supplied. There have been no issues with corrosion or scale to date.

CONCLUSION

The current pressure maintenance program is having little effect on oil production in Waskada Unit No. 6. Tundra will maintain the current pressure maintenance program, and continue to monitor production and pressure performance. Plans for future injection conversions and well interventions to optimize the waterflood are currently being reviewed.

TABLE NO. 1: WASKADA UNIT NO. 6 WELL SUMMARY

UWI	Type	Status	On Prod Date	Cum Prd Oil (m3)	Cum Prd Water (m3)	Last Prod Date	On Injection Date	Cum Inj Water (m3)	Last Inj Date
100/12-06-001-25W1/0	Vertical	Abandoned	2/23/1985	4,241.1	11,334.1	3/31/1998		0.0	
100/13-06-001-25W1/0	Vertical	Injection	4/30/1984	34.2	942.0	6/30/1984	Sep-1987	478,428.5	9/30/2015
100/04-07-001-25W1/2	Vertical	Abandoned	8/7/1984	774.4	28,605.5	6/30/1994		0.0	
102/05-07-001-25W1/0	Vertical	Abandoned	7/17/1983	5,283.7	13,236.1	8/31/1987	Sep-1987	221,669.0	9/30/1996
100/11-07-001-25W1/0	Vertical	Abandoned	8/3/1983	1,171.9	31,626.8	8/31/1987		0.0	
103/12-07-001-25W1/0	Vertical	Producing	7/27/1983	12,549.5	629,315.7	8/31/2016		0.0	
102/13-07-001-25W1/0	Vertical	Injection	2/25/1984	2,360.4	12,143.8	3/31/1987	Sep-1987	719,516.6	9/30/2015
102/14-07-001-25W1/0	Vertical	Producing	2/15/1984	11,383.8	200,101.9	4/30/2010		0.0	
100/15-07-001-25W1/0	Vertical	Injection	1/2/1985	1,450.5	923.9	7/31/1987	Sep-1987	245,308.3	7/31/2017
100/16-07-001-25W1/0	Vertical	Producing	5/23/1985	10,754.1	8,605.4	11/30/2016		0.0	
102/16-07-001-25W1/0	Horizontal	Producing	3/24/2014	1,054.2	31,946.7	12/31/2017		0.0	
103/16-07-001-25W1/0	Horizontal	Producing	2/28/2014	1,943.3	11,001.3	12/31/2017		0.0	
100/03-18-001-25W1/0	Vertical	Abandoned Zone	10/11/1983	13,732.3	204,058.9	12/31/2011		0.0	
100/04-18-001-25W1/0	Vertical	Abandoned	3/17/1983	3,759.3	4,724.5	9/30/1996		0.0	
102/04-18-001-25W1/0	Horizontal	Suspended	12/22/2010	1,471.5	7,262.1	2/28/2015		0.0	
100/05-18-001-25W1/0	Vertical	Abandoned	12/16/1983	1,675.9	829.4	8/31/1987	Sep-1987	231,694.0	5/31/1996
100/06-18-001-25W1/0	Vertical	Abandoned	12/20/1983	1,116.3	2,385.1	8/31/1991		0.0	
100/07-01-001-26W1/0	Vertical	Abandoned	9/6/1984	98.4	1,576.0	6/30/1985	Sep-1987	176,052.2	4/30/2010
102/07-01-001-26W1/0	Horizontal	Injection	10/22/2013	634.3	6,896.2	1/31/2015	May-2015	24,982.0	12/31/2017
103/07-01-001-26W1/0	Horizontal	Producing	10/22/2013	1,415.5	19,810.2	12/31/2017		0.0	
100/08-01-001-26W1/2	Vertical	Abandoned Zone	8/5/1984	8,523.0	166,615.9	4/30/2010		0.0	
100/09-01-001-26W1/0	Vertical	Abandoned	12/16/1983	3,896.5	2,034.0	7/31/1995	Aug-1995	115,865.1	4/30/2010
100/10-01-001-26W1/2	Vertical	Abandoned Zone	11/20/1982	14,140.7	87,218.1	4/30/2010		0.0	
102/10-01-001-26W1/0	Horizontal	Producing	11/30/2012	4,014.1	8,663.4	12/31/2017		0.0	
103/10-01-001-26W1/0	Horizontal	Injection	11/30/2012	2,648.1	4,170.9	11/30/2017	Dec-2017	129.0	12/31/2017
100/15-01-001-26W1/2	Vertical	Abandoned	8/8/1984	2,493.9	11,767.5	7/31/1987	Sep-1987	258,006.9	4/30/2010
102/15-01-001-26W1/0	Horizontal	Producing	1/27/2011	3,904.7	19,050.5	12/31/2017		0.0	
103/15-01-001-26W1/0	Horizontal	Injection	1/25/2012	3,470.0	14,440.9	10/31/2014	May-2015	25,574.0	12/31/2017
100/16-01-001-26W1/2	Vertical	Abandoned Zone	2/26/1984	16,167.8	24,282.2	4/30/2010		0.0	
100/01-12-001-26W1/0	Vertical	Abandoned	10/14/1983	7,143.7	2,449.0	7/31/1995	Aug-1995	187,525.5	4/30/2010
100/02-12-001-26W1/2	Vertical	Abandoned	8/9/1984	11,076.9	49,866.5	5/31/1998		0.0	
100/03-12-001-26W1/2	Vertical	Abandoned	8/10/1984	6,526.2	43,242.0	7/31/1995	Aug-1995	32,670.0	3/31/1998
102/03-12-001-26W1/0	Horizontal	Producing	1/27/2012	6,554.8	21,822.7	12/31/2017		0.0	
103/03-12-001-26W1/0	Horizontal	Injection	1/28/2012	8,076.1	12,095.2	9/30/2017	Dec-2017	128.0	12/31/2017
100/05-12-001-26W1/0	Vertical	Abandoned	N/A	0.0	0.0		Sep-1987	81,890.0	12/31/1998
100/06-12-001-26W1/2	Vertical	Producing	8/13/1984	14,203.8	151,694.8	5/31/2017		0.0	
102/06-12-001-26W1/0	Horizontal	Producing	12/18/2012	7,942.7	28,194.9	12/31/2017		0.0	
100/07-12-001-26W1/0	Vertical	Abandoned	10/13/1983	2,923.1	567.1	7/31/1987	Sep-1987	54,892.0	6/30/1997
102/07-12-001-26W1/0	Horizontal	Producing	12/31/2010	8,010.6	72,852.8	12/31/2017		0.0	
100/08-12-001-26W1/0	Vertical	Producing	3/28/1983	7,098.1	2,421.2	3/31/2015		0.0	
102/09-12-001-26W1/0	Vertical	Source	7/7/1983	27,002.3	159,261.9	12/31/2014		0.0	
100/10-12-001-26W1/0	Vertical	Producing	6/23/1983	23,243.5	4,543.4	2/28/2014		0.0	
102/10-12-001-26W1/0	Horizontal	Producing	11/30/2012	6,398.2	26,961.0	12/31/2017		0.0	
103/10-12-001-26W1/0	Horizontal	Producing	10/9/2013	6,489.3	18,094.9	12/31/2017		0.0	
100/15-12-001-26W1/0	Vertical	Injection	11/7/1982	5,834.5	2,515.3	7/31/1987	Sep-1987	642,552.6	7/31/2017
102/15-12-001-26W1/0	Horizontal	Producing	9/30/2013	4,044.3	72,264.5	12/31/2017		0.0	
102/16-12-001-26W1/0	Vertical	Abandoned Zone	1/13/1983	25,314.0	68,393.1	8/31/2013		0.0	
104/16-12-001-26W1/0	Horizontal	Producing	11/30/2012	1,330.3	26,191.3	12/31/2017		0.0	
				315,375.8	2,329,000.6				

TABLE NO. 2 - VRR Calculations

Date	Mth Oil Prod m3	Cum Oil Prod Km3	Mth Water Prod m3	Cum Water Prod Km3	Mth Gas Prod Scm	Cum Gas Prod Km3	Water Oil Ratio m3/m3	Gas Oil Ratio m3/m3	Mth Water Inj m3	Cum Water Inj Km3	VRR	Cum VRR
12/31/1982	494	0.494	281	0.281	23712	23.712	0.57	48.00		0.000	0.000	0.000
12/31/1983	18868	19.362	11673	11.954	905683	929.395	0.62	48.00		0.000	0.000	0.000
12/31/1984	25805	45.168	35563	47.517	1238654	2168.050	1.38	48.00		0.000	0.000	0.000
12/31/1985	29905	75.073	58995	106.511	1435450	3603.499	1.97	48.00		0.000	0.000	0.000
12/31/1986	21910	96.983	59447	165.958	1051666	4655.165	2.71	48.00		0.000	0.000	0.000
12/31/1987	15248	112.230	50655	216.613	731880	5387.045	3.32	48.00	61536	61.536	0.902	0.178
12/31/1988	12414	124.644	51401	268.015	595867	5982.912	4.14	48.00	199861	261.397	3.043	0.635
12/31/1989	13139	137.783	68582	336.597	630682	6613.594	5.22	48.00	203383	464.780	2.430	0.939
12/31/1990	14451	152.234	82867	419.464	693629	7307.222	5.73	48.00	229934	694.714	2.311	1.169
12/31/1991	11892	164.126	82582	502.046	570821	7878.043	6.94	48.00	211949	906.663	2.202	1.312
12/31/1992	10464	174.590	92956	595.002	502262	8380.306	8.88	48.00	187670	1094.333	1.788	1.375
12/31/1993	8526	183.116	86609	681.612	409243	8789.549	10.16	48.00	144204	1238.537	1.496	1.388
12/31/1994	7238	190.354	76511	758.122	347429	9136.978	10.57	48.00	167541	1406.078	1.975	1.439
12/31/1995	6017	196.371	89692	847.814	288826	9425.803	14.91	48.00	176159	1582.237	1.823	1.474
12/31/1996	5644	202.015	97515	945.330	270907	9696.710	17.28	48.00	178310	1760.547	1.714	1.495
12/31/1997	4807	206.822	60790	1006.120	230741	9927.451	12.65	48.00	143942	1904.489	2.170	1.531
12/31/1998	4159	210.981	51395	1057.515	199627	10127.078	12.36	48.00	131548	2036.037	2.342	1.566
12/31/1999	3398	214.378	69699	1127.213	163080	10290.158	20.51	48.00	91414	2127.451	1.242	1.549
12/31/2000	2961	217.340	72428	1199.641	142147	10432.306	24.46	48.00	91329	2218.780	1.204	1.531
12/31/2001	2775	220.115	68585	1268.226	133219	10565.525	24.71	48.00	84399	2303.179	1.176	1.514
12/31/2002	2988	223.103	72169	1340.395	143438	10708.963	24.15	48.00	82778	2385.957	1.095	1.494
12/31/2003	2796	225.900	59930	1400.325	134218	10843.181	21.43	48.00	68078	2454.035	1.078	1.478
12/31/2004	2382	228.282	60185	1460.509	114346	10957.526	25.26	48.00	66399	2520.434	1.055	1.463
12/31/2005	2410	230.692	60474	1520.983	115666	11073.192	25.10	48.00	65708	2586.143	1.039	1.448
12/31/2006	2629	233.321	57899	1578.882	126211	11199.403	22.02	48.00	61685	2647.828	1.013	1.433
12/31/2007	2302	235.623	55893	1634.775	110496	11309.899	24.28	48.00	61859	2709.687	1.057	1.422
12/31/2008	2264	237.887	52693	1687.468	108667	11418.566	23.28	48.00	57891	2767.578	1.047	1.411
12/31/2009	2144	240.031	51611	1739.079	102907	11521.474	24.07	48.00	56636	2824.214	1.047	1.402
12/31/2010	1718	241.748	36596	1775.675	82445	11603.918	21.31	48.00	40024	2864.237	1.038	1.395
12/31/2011	7207	248.956	53060	1828.734	345950	11949.869	7.36	48.00	52417	2916.655	0.854	1.379
12/31/2012	17042	265.997	80993	1909.728	817997	12767.866	4.75	48.00	114448	3031.103	1.138	1.368
12/31/2013	20286	286.284	91043	2000.771	973747	13741.613	4.49	48.00	109077	3140.179	0.954	1.348
12/31/2014	13191	299.475	131905	2132.676	633168	14374.781	10.00	48.00	138114	3278.293	0.939	1.323
12/31/2015	7567	307.042	107258	2239.934	363226	14738.006	14.17	48.00	112563	3390.857	0.971	1.308
12/31/2016	3584	310.626	46179	2286.113	172032	14910.038	12.88	48.00	60934	3451.791	1.211	1.306
12/31/2017	4750	315.376	42888	2329.001	228000	15138.038	9.03	48.00	45093	3496.884	0.933	1.299

TABLE NO. 3

**Tundra Oil and Gas
Waskada Unit No. 6
2017 Injection Volumes**

Well Location	Date	Hours On	H ₂ O Inj Cal-d avg (m ³ /d)	Monthly Injected H ₂ O (m ³)
Unit No. 6 Total:				
	Jan-17	0	208.6	6465.00
	Feb-17	0	201.7	5647.00
	Mar-17	0	183.8	5697.00
	Apr-17	0	163.9	4917.00
	May-17	0	70.5	2185.00
	Jun-17	0	72.7	2182.00
	Jul-17	0	238.6	7396.60
	Aug-17	0	73.2	2270.40
	Sep-17	0	54.9	1647.00
	Oct-17	0	78.8	2444.00
	Nov-17	0	78.3	2349.00
	Dec-17	0	61.1	6743.00
2017 Group Totals:				49943.00
Unit No. 6 Total:				
	1981	0	0	0.00
	1982	0	0	0.00
	1983	0	0	0.00
	1984	0	0	0.00
	1985	0	0	0.00
	1986	0	0	0.00
	1987	0	503.89	61,536.00
	1988	0	546.09	199,861.00
	1989	0	557	203,383.00
	1990	0	630.11	229,934.00
	1991	0	580.62	211,949.00
	1992	0	512.7	187,670.00
	1993	0	395.1	144,204.00
	1994	0	459.3	167,541.00
	1995	0	482.3	176,159.00
	1996	0	487.4	178,310.00
	1997	0	393.4	143,942.00
	1998	0	361.2	131,548.00
	1999	0	250.6	91,414.00
	2000	0	249.3	91,329.00
	2001	0	231.2	84,398.90
	2002	0	226.8	82,778.20
	2003	0	186.5	68,078.10
	2004	0	181.5	66,399.00
	2005	0	180.1	65,708.40
	2006	0	169.1	61,685.00
	2007	0	169.6	61,858.90
	2008	0	158.2	57,891.30
	2009	0	155.2	56,636.00
	2010	0	109.9	40,023.50
	2011	0	143.4	52,417.40
	2012	0	312.9	114,448.10
	2013	0	326.4	109,076.50
	2014	0	411.9	138,114.00
	2015	0	308.9	112,563.40
	2016	0	166.3	60,934.00
	2017	0	123.8	49,943.00
Group Totals:				3,501,733.70

TABLE NO. 4

**Tundra Oil and Gas
Waskada Unit No. 6
2017 Production Volumes**

Date	Hours On	Oil Rate (CD) m3/d	Monthly Oil Prod m3	Water Rate (CD) m3/d	Monthly Water Prod m3	Water Oil Ratio m3/m3	Well Count
Jan-17	8,208	6.61	205	80.66	2,501	12.21	11
Feb-17	8,112	7.33	205	88.22	2,470	12.04	12
Mar-17	9,456	8.35	259	109.06	3,381	13.05	13
Apr-17	9,048	9.93	298	123.93	3,718	12.48	13
May-17	10,368	15.18	471	124.69	3,865	8.21	14
Jun-17	9,264	16.14	484	112.21	3,366	6.95	13
Jul-17	9,312	14.87	461	102.94	3,191	6.92	13
Aug-17	9,480	14.61	453	105.01	3,255	7.19	13
Sep-17	8,736	13.51	405	121.63	3,649	9.00	12
Oct-17	8,256	17.37	539	139.07	4,311	8.01	11
Nov-17	7,944	19.01	570	156.18	4,685	8.22	11
Dec-17	7,608	12.93	401	144.99	4,495	11.21	10
	105,792		4,750		42,888		

Date	Hours On	Oil Rate (CD) m3/d	Monthly Oil Prod m3	Water Rate (CD) m3/d	Monthly Water Prod m3	Water Oil Ratio m3/m3	Well Count
31/12/1982	1,848	8.06	494	4.56	281	0.52	1
31/12/1983	61,272	51.52	18,868	31.85	11,673	0.57	7
31/12/1984	164,880	70.51	25,805	97.12	35,563	1.34	19
31/12/1985	229,872	81.95	29,905	161.61	58,995	1.99	26
31/12/1986	228,288	60.09	21,910	162.87	59,447	2.75	26
31/12/1987	207,648	41.83	15,248	138.98	50,655	3.33	24
31/12/1988	173,472	33.93	12,414	140.38	51,401	4.15	20
31/12/1989	170,232	35.98	13,139	187.80	68,582	5.22	19
31/12/1990	167,808	39.60	14,451	227.08	82,867	5.76	19
31/12/1991	166,272	32.58	11,892	226.03	82,582	6.97	19
31/12/1992	157,728	28.59	10,464	253.97	92,956	8.89	18
31/12/1993	159,504	23.37	8,526	237.19	86,609	10.22	18
31/12/1994	144,072	19.83	7,238	209.73	76,511	10.64	17
31/12/1995	138,600	16.48	6,017	245.40	89,692	15.07	16
31/12/1996	125,376	15.42	5,644	266.55	97,515	17.40	14
31/12/1997	113,112	13.19	4,807	166.10	60,790	12.88	13
31/12/1998	93,840	11.39	4,159	141.17	51,395	12.38	11
31/12/1999	93,960	9.31	3,398	190.88	69,699	20.60	11
31/12/2000	99,696	8.09	2,961	197.94	72,428	24.41	11
31/12/2001	96,288	7.60	2,775	187.87	68,585	24.95	11
31/12/2002	104,064	8.19	2,988	197.69	72,169	24.19	12
31/12/2003	101,376	7.66	2,796	164.19	59,930	21.49	12
31/12/2004	101,544	6.51	2,382	164.43	60,185	25.34	12
31/12/2005	99,864	6.61	2,410	165.74	60,474	25.49	11
31/12/2006	102,066	7.20	2,629	158.67	57,899	22.11	12
31/12/2007	100,776	6.31	2,302	153.19	55,893	24.39	12
31/12/2008	103,920	6.18	2,264	143.97	52,693	23.30	12
31/12/2009	102,432	5.87	2,144	141.43	51,611	24.15	12
31/12/2010	75,504	4.71	1,718	100.46	36,596	20.70	9
31/12/2011	78,720	19.77	7,207	145.25	53,060	7.98	9
31/12/2012	97,680	46.64	17,042	221.43	80,993	5.33	11
31/12/2013	138,024	55.70	20,286	249.38	91,043	4.88	16
31/12/2014	161,736	36.24	13,191	361.05	131,905	11.13	18
31/12/2015	130,848	20.74	7,567	294.19	107,258	14.28	15
31/12/2016	121,464	9.80	3,584	126.34	46,179	12.62	14
31/12/2017	105,792	12.99	4,750	117.38	42,888	9.63	12
	4,519,578		315,376		2,329,001		

TABLE NO. 5 - Average Injection Pressures

	00/07-01 Inj	00/13-06 Inj	00/15-01 Inj	00/15-07 Inj	00/15-12 Inj	02/07-01 Inj	02/13-07 Inj	03/15-01 Inj
Year	Inj Pressure (kPa)	Inj Pressure (kPa)	Inj Pressure (kPa)	Inj Pressure (kPa)	Inj Pressure (kPa)	Inj Pressure (kPa)	Inj Pressure (kPa)	Inj Pressure (kPa)
2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003	1376.1	672.6	1093.6	1291.8	384.0	0.0	113.0	0.0
2004	1123.2	377.0	1361.2	1691.3	2310.0	0.0	94.0	0.0
2005	1890.0	473.7	1554.0	2108.5	2912.6	0.0	114.2	0.0
2006	2109.3	519.1	1992.3	1841.9	2820.5	0.0	42.5	0.0
2007	2628.7	0.0	2740.0	2387.7	2907.7	0.0	0.0	0.0
2008	2582.5	0.0	2213.7	1807.4	2532.3	0.0	0.0	0.0
2009	2078.6	0.0	1746.3	1915.3	2507.9	0.0	0.0	0.0
2010	842.2	45.0	714.5	893.7	1881.6	0.0	24.1	0.0
2011	0.0	128.9	0.0	187.0	166.6	0.0	76.2	0.0
2012	0.0	2455.0	0.0	3257.4	3004.5	0.0	3170.8	0.0
2013	0.0	1827.6	0.0	821.8	1208.2	0.0	1398.9	0.0
2014	0.0	3034.1	0.0	2875.8	1913.5	0.0	2249.5	0.0
2015	0.0	2183.8	0.0	2444.4	827.6	0.0	1476.6	0.0
2016	0.0	0.0	0.0	1562.4	1052.7	0.0	0.0	0.0
2017	0.0	0.0	0.0	0.0	670.3	1507.0	0.0	1288.9