

EOG Resources Canada Inc.

Waskada Unit No. 17

Waterflood Progress Report 2013

January 1st through to December 31st 2013

Prepared for:

Manitoba Industry, Economic Development and Mines

Petroleum Branch

Prepared by:

EOG Resources Canada Inc.



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February 28, 2014

Manitoba Innovation, Energy and Mines
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Attn: Ms. Jennifer Abel, Chief Petroleum Engineer

RE: Enhanced Oil Recovery Reports

EOG Resources Canada Inc. (EOG) is submitting an Enhanced Oil Recovery Projects Reports to fulfill the requirements of subsection 73 of the Drilling and Production Regulations. We hope that this reports all requirements set forth.

If you have any questions or wish to discuss this report any further, please feel free to contact the undersigned.

Sincerely,

A handwritten signature in blue ink that reads "Lindsey Snyder". The signature is fluid and cursive, with the first name "Lindsey" and last name "Snyder" clearly distinguishable.

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Unit 17 Discussion

Introduction

The Waskada Unit No.17 pressure maintenance project commenced water injection into the Lower Amaranth A pool in accordance with Manitoba Energy and Mines Order No. PM 66 dated October 1, 1991. Figure 1 shows a map of Unit No. 17.

Unit No.17 consists of 36 wells (producers/shut in/abandoned/injectors) which are summarized in Table 1. Water injection commenced with 6 injector wells on October, 1991. Two more injector wells were added in November, 2001, and 7 more were added October, 2002. There was only one active injector in 2013. The other injectors were shut-in order to divert injection water to the Horizontal Injection Trial in Unit 18. There are currently 19 producing wells; 16 vertical wells and 3 horizontal wells. Two of the horizontal wells were drilled in 2013.

Discussion

From January 1 to December 31 in 2013, Unit No. 17 produced 6,981m³ of total fluids (6,981 m³ oil, 2,373 m³ water), and injected 13,789 m³ of source water, giving an annual oil and water voidage replacement ratio (VRR) of 1.3 for this reporting period. The cumulative VRR since injection commenced in October 1991 is 1.5. The cumulative VRR reached 1.0 in 1995 and has maintained values of 1.4-1.6 since 1997. Table 2 summarizes the yearly and cumulative VRR for Unit No.17. A formation volume factor of 1.15 was applied to the oil volumes when calculating the Produced Fluid Reservoir volumes.

In 2013 the injection rate fluctuated between 23 m³/d to 55 m³/d. These values are graphed in Appendix A. This horizontal infill producers have been successful, and there are plans to drill up to 10 more.

Average wellhead injection pressures for the only injection well that is still injecting in Unit 17 in 2013 is 2,500kPa. The pressures remained relatively constant throughout the reporting period. Individual injection rates and wellhead pressure summaries can be found in Table 3.

There was a static gradient performed on the 1Co/16-10-002-25W1/00 Injector in 2013. The reservoir pressure at that location is estimated to be 7,918kPa.

Gas volumes from the field are measured at the 15-9-2-25W1M battery. There is no individual well gas volume measurement. It is not possible to separate out the gas production from only the wells in Unit 17, so the effectiveness of the pressure maintenance program cannot be evaluated on the GOR.

Workovers

There were five workovers performed in 2013 in Unit No.17, consisting of two simple acid stimulations, two pump repairs and one tubing repair. A workover summary can be found in Table 5.

Corrosion and Scale Prevention.

The facilities in Unit 17 are currently using cathodic protection and chemicals to protect against corrosion and scale. 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.

All water flood injection water is treated with biocide and scale inhibitor. Corrosion mitigation in the wells is achieved by either batch inhibition in the wells or continuous chemical injection down the annulus. A biocide chemical is added to the injection water to prevent any sulphide producing bacteria from forming

Conclusion

EOG will be re-activating the injection wells that have been shut-in for the Horizontal trial in Unit 18 in 2014. And will continue to monitor production and pressure performance to ensure the VVR remains near 1.0.

Production volumes remained on trend for the unit. There are plans to add up to 10 horizontal production wells over the next two years.

Figure 1 – Unit 17 MAP

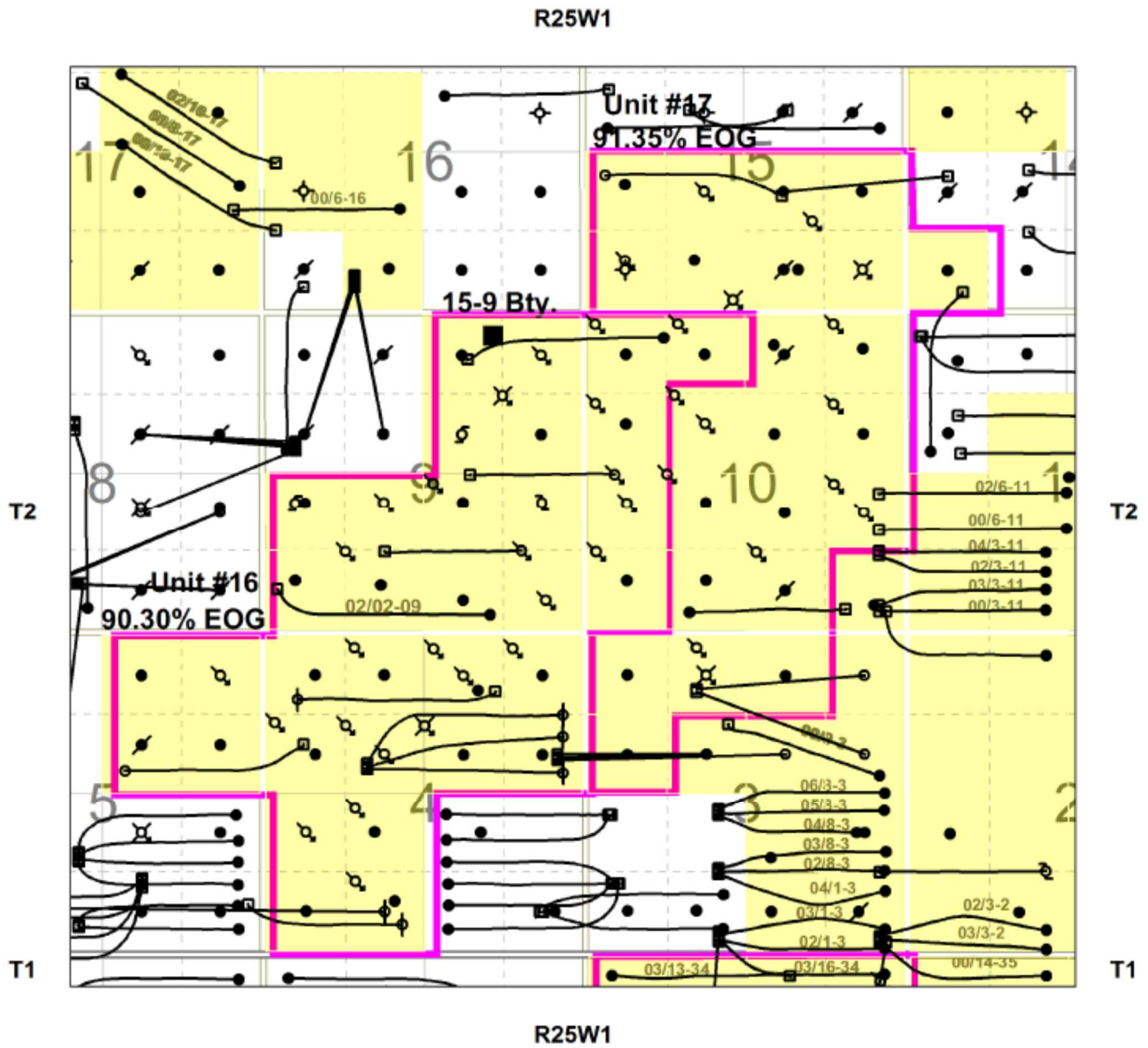


Table 1 – Summary of Unit 17 Wells

Well Location	Unit No.	Status	On Prod. Date	Cum Oil Prod. (m³)	Cum H ₂ O Prod. (m³)	Last Prod. Date	On Inj. Date	Cum H ₂ O Inj. (m³)	Last Inj. Date
100/01-15-002-25W1/00	17	abnd*	Feb-90	1138.2	164.5	Oct-91	n/a	n/a	n/a
100/01-15-002-25W1/00	17	abnd	n/a	n/a	n/a	n/a	Oct-91	77361.4	Nov-03
100/02-10-002-25W1/00	17	abnd	Jul-90	3438.1	6493.1	Mar-03	n/a	n/a	n/a
100/03-10-002-25W1/00	17	prod	Jul-89	12,519	4,991	Active	n/a	n/a	n/a
100/03-15-002-25W1/00	17	prod	Jul-88	18,310	3,898	Active	n/a	n/a	n/a
100/04-14-002-25W1/00	17	prod	Aug-89	3,926	928	Active	n/a	n/a	n/a
100/05-15-002-25W1/00	17	prod	Jan-86	19,386	13,356	Active	n/a	n/a	n/a
100/06-10-002-25W1/00	17	prod	Aug-89	8,689	8,537	Active	n/a	n/a	n/a
100/06-15-002-25W1/00	17	abnd*	Aug-89	1818.2	71	Oct-91	n/a	n/a	n/a
100/06-15-002-25W1/00	17	abnd	n/a	n/a	n/a	n/a	Oct-91	67606.3	May-09
100/07-10-002-25W1/00	17	prod	Mar-90	16,528	21,949	Active	n/a	n/a	n/a
100/07-15-002-25W1/00	17	prod	Dec-89	12,085	935	Active	n/a	n/a	n/a
100/08-10-002-25W1/00	17	abnd	Jul-90	570.1	175.7	Sep-91	n/a	n/a	n/a
100/08-10-002-25W1/00	17	abnd*	n/a	n/a	n/a	n/a	Oct-91	61870.2	Mar-12
100/08-15-002-25W1/00	17	prod	Feb-90	10,084	8,125	Active	n/a	n/a	n/a
100/09-10-002-25W1/00	17	prod	Mar-90	21,280	2,696	Active	n/a	n/a	n/a
100/10-10-002-25W1/00	17	prod	Dec-89	13,474	1,621	Active	n/a	n/a	n/a
100/11-10-002-25W1/00	17	abnd*	Jul-88	3313.7	96.5	Oct-91	n/a	n/a	n/a
100/11-10-002-25W1/00	17	inj	n/a	n/a	n/a	n/a	Oct-91	76,197	Aug-12
100/12-03-002-25W1/00	17	prod	Jan-90	5,207	9,551	Active	n/a	n/a	n/a
100/13-03-002-25W1/00	17	prod	Jul-89	17,034	1,592	Active	n/a	n/a	n/a
100/14-03-002-25W1/00	17	abnd*	Nov-89	1141.3	204.9	Aug-91	n/a	n/a	n/a
100/14-03-002-25W1/00	17	abnd	n/a	n/a	n/a	n/a	Oct-91	68073.7	Feb-05
100/15-03-002-25W1/00	17	prod	Aug-90	4,374	24,370	Active	n/a	n/a	n/a
100/15-10-002-25W1/00	17	abnd	Dec-82	1737.6	7558.2	Dec-89	n/a	n/a	n/a
100/16-10-002-25W1/00	17	prod	Dec-89	28,777	7,369	Active	n/a	n/a	n/a
102/02-15-002-25W1/00	17	prod	Jul-90	6,396	34,778	May-12	n/a	n/a	n/a
102/03-10-002-25W1/00	17	prod	Nov-12	4,219	384	Active	n/a	n/a	n/a
102/04-15-002-25W1/00	17	abnd*	Nov-87	1727	90.8	Aug-91	n/a	n/a	n/a
102/04-15-002-25W1/00	17	inj	n/a	n/a	n/a	n/a	Oct-91	186,874	Active
102/05-15-002-25W1/00	17	prod	Dec-13	290	17	Active	n/a	n/a	n/a
102/14-03-002-25W1/00	17	abnd	n/a	n/a	n/a	n/a	Oct-02	5854.2	Jul-11
102/15-10-002-25W1/00	17	prod	Nov-89	10,218	7,473	Active	n/a	n/a	n/a
103/07-15-002-25W1/00	17	prod	Dec-13	164	-	Active	n/a	n/a	n/a
1A0/03-15-002-25W1/00	17	abnd	n/a	n/a	n/a	n/a	Oct-02	10933	Dec-04
1A0/07-15-002-25W1/00	17	abnd	n/a	n/a	n/a	n/a	Oct-02	7130.19	Aug-12
1C0/02-10-002-25W1/00	17	abnd	n/a	n/a	n/a	n/a	Oct-02	5576.2	Dec-11
1C0/06-10-002-25W1/00	17	abnd	n/a	n/a	n/a	n/a	Nov-01	2317.8	Oct-09
1C0/08-10-002-25W1/00	17	inj	n/a	n/a	n/a	n/a	Oct-02	13,840	Aug-12
1C0/09-10-002-25W1/00	17	inj	n/a	n/a	n/a	n/a	Oct-02	26,033	Aug-12
1C0/11-10-002-25W1/00	17	inj	n/a	n/a	n/a	n/a	Nov-01	20,914	Aug-12
1C0/16-10-002-25W1/00	17	inj	n/a	n/a	n/a	n/a	Oct-02	15,254	Aug-12

*converted to injection well

Table 2 – Voidage Replacement Ratio Calculations

Year	Prod. Oil (m³)	Cum Prod. Oil (m³)	Prod. H ₂ O (m³)	Cum Prod. H ₂ O (m³)	Prod Fluid Rsvr (m³)	H ₂ O Injected (m³)	Cum Prod. Oil/H ₂ O Rsvr (m³)	Cum H ₂ O Injected (m³)	Annual VRR	Cum VRR (m³/m³)
1982	62	62	112	112	183	-	183	-	0.0	0.0
1983	495	557	1,334	1,446	1,903	-	2,086	-	0.0	0.0
1984	425	982	2,290	3,736	2,779	-	4,865	-	0.0	0.0
1985	527	1,509	2,639	6,375	3,245	-	8,110	-	0.0	0.0
1986	2,102	3,611	2,552	8,927	4,969	-	13,079	-	0.0	0.0
1987	2,458	6,069	1,953	10,880	4,780	-	17,859	-	0.0	0.0
1988	4,259	10,328	2,105	12,985	7,002	-	24,862	-	0.0	0.0
1989	8,384	18,712	2,264	15,249	11,906	-	36,768	-	0.0	0.0
1990	23,097	41,809	7,907	23,156	34,469	-	71,237	-	0.0	0.0
1991	17,649	59,458	6,610	29,766	26,906	11,761	98,143	11,761	0.4	0.1
1992	12,763	72,221	4,577	34,343	19,254	33,425	117,397	45,186	1.7	0.4
1993	10,847	83,068	4,935	39,278	17,410	37,546	134,807	82,732	2.2	0.6
1994	10,528	93,596	4,945	44,223	17,052	36,033	151,858	118,764	2.1	0.8
1995	9,584	103,180	5,395	49,618	16,416	51,942	168,275	170,707	3.2	1.0
1996	8,654	111,833	4,506	54,125	14,458	52,252	182,733	222,959	3.6	1.2
1997	7,445	119,278	3,355	57,480	11,917	42,058	194,649	265,017	3.5	1.4
1998	7,070	126,348	3,521	61,001	11,652	46,808	206,301	311,825	4.0	1.5
1999	6,604	132,953	4,835	65,836	12,430	48,343	218,731	360,168	3.9	1.6
2000	6,121	139,073	3,447	69,283	10,486	15,666	229,217	375,834	1.5	1.6
2001	5,773	144,847	2,812	72,095	9,451	7,294	238,668	383,127	0.8	1.6
2002	7,114	151,961	5,299	77,394	13,480	12,558	252,149	395,685	0.9	1.6
2003	7,876	159,837	16,751	94,145	25,808	31,446	277,957	427,130	1.2	1.5
2004	9,026	168,862	35,279	129,424	45,658	18,431	323,616	445,561	0.4	1.4
2005	7,951	176,813	5,725	135,149	14,868	22,256	338,484	467,817	1.5	1.4
2006	7,468	184,281	5,180	140,328	13,768	17,884	352,252	485,701	1.3	1.4
2007	7,078	191,359	6,141	146,469	14,281	22,355	366,532	508,056	1.6	1.4
2008	6,787	198,146	5,002	151,471	12,807	28,727	379,339	536,783	2.2	1.4
2009	5,576	203,722	3,991	155,462	10,404	26,267	389,743	563,050	2.5	1.4
2010	6,141	209,863	4,095	159,557	11,157	22,960	400,900	586,010	2.1	1.5
2011	4,951	214,814	3,127	162,684	8,820	21,869	409,720	607,879	2.5	1.5
2012	4,481	219,295	2,392	165,076	7,545	24,611	417,265	632,490	3.3	1.5
2013	6,981	226,276	2,373	167,449	10,401	13,789	427,666	646,279	1.3	1.5
TOTAL			167,449		427,666	646,279				1.5

NOTE: A FORMATION VOLUME FACTOR OF 1.15 WAS USED

Table 3. a) – Summary of Injection Wells

Well Location	Date	Hours On	H ₂ O Inj Cal-d avg (m ³ /d)	H ₂ O Inj Prd-d avg (m ³ /d)	Monthly Injected H ₂ O (m ³)	Wellhead Inj Pressure (kPa)
02/04-15-002-25W1/0	Jan-13	744	55.1	55.1	1,709	3,029
	Feb-13	672	39.4	39.4	1,104	2,421
	Mar-13	744	36.7	36.7	1,138	2,201
	Apr-13	720	31.3	31.3	938	2,321
	May-13	744	28.1	28.1	870	2,082
	Jun-13	720	23.4	23.4	702	1,863
	Jul-13	744	40.7	40.7	1,262	2,674
	Aug-13	744	38.6	38.6	1,196	2,526
	Sep-13	720	37.3	37.3	1,118	2,578
	Oct-13	744	48.5	48.5	1,504	2,886
	Nov-13	720	50.4	50.4	1,511	3,200
	Dec-13	360	23.8	49.2	738	3,174
2013 Totals:		8376			13789.0	

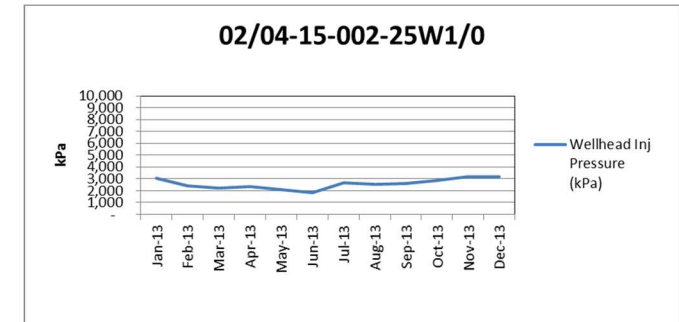


Table 3. b) – Summary of Injection Wells

Unit No. 17 Total:	Date	Hours On	H ₂ O Inj Cal-d avg (m ³ /d)	H ₂ O Inj Prd-d avg (m ³ /d)	Monthly Injected H ₂ O (m ³)
	Jan-13	744	55.1	55.1	1,709
	Feb-13	672	39.4	39.4	1,104
	Mar-13	744	36.7	36.7	1,138
	Apr-13	720	31.3	31.3	938
	May-13	744	28.1	28.1	870
	Jun-13	720	23.4	23.4	702
	Jul-13	744	40.7	40.7	1,262
	Aug-13	744	38.6	38.6	1,196
	Sep-13	720	37.3	37.3	1,118
	Oct-13	744	48.5	48.5	1,504
	Nov-13	720	50.4	50.4	1,511
	Dec-13	360	23.8	49.2	738
2013 Group Total:		8376			13,789

Unit No. 17 Total:		H ₂ O Inj Cal-d avg (m ³ /d)	Yearly Injected H ₂ O (m ³)
	1982	0.00	-
	1983	0.00	-
	1984	0.00	-
	1985	0.00	-
	1986	0.00	-
	1987	0.00	-
	1988	0.00	-
	1989	0.00	-
	1990	0.00	-
	1991	32.2	11,761
	1992	91.6	33,425
	1993	102.9	37,546
	1994	98.7	36,033
	1995	142.3	51,942
	1996	143.2	52,252
	1997	115.2	42,058
	1998	128.2	46,808
	1999	132.4	48,343
	2000	42.9	15,666
	2001	20.0	7,294
	2002	34.4	12,558
	2003	86.2	31,446
	2004	50.5	18,431
	2005	61.0	22,256
	2006	49.0	17,884
	2007	61.2	22,355
	2008	78.7	28,727
	2009	72.0	26,267
	2010	62.9	22,960
	2011	59.9	21,869
	2012	67.4	24,611
	2013	37.8	13,789
			632,490

Table 4 – Summary of Producing Wells

Well Location	Date	Hours On	Monthly Produced Oil (m ³)	Oil Cal-d (m ³ /d)	Oil Prd-d (m ³ /d)	Monthly Produced H ₂ O (m ³)	H ₂ O Cal-d (m ³ /d)	H ₂ O Prd-d (m ³ /d)	WOR (m ³ /m ³)
00/03-10-002-25W1/0	1/1/2013	732	35.4	1.1	1.2	19.7	0.6	0.7	0.6
00/03-10-002-25W1/0	2/1/2013	672	26.8	1.0	1.0	13.7	0.5	0.5	0.5
00/03-10-002-25W1/0	3/1/2013	744	29.7	1.0	1.0	17.0	0.6	0.6	0.6
00/03-10-002-25W1/0	4/1/2013	654	24.1	0.8	0.9	13.1	0.4	0.5	0.5
00/03-10-002-25W1/0	5/1/2013	620	22.6	0.7	0.9	12.8	0.4	0.5	0.6
00/03-10-002-25W1/0	6/1/2013	708	24.5	0.8	0.8	14.1	0.5	0.5	0.6
00/03-10-002-25W1/0	7/1/2013	744	24.3	0.8	0.8	13.5	0.4	0.4	0.6
00/03-10-002-25W1/0	8/1/2013	660	13.9	0.5	0.5	13.3	0.4	0.5	1.0
00/03-10-002-25W1/0	9/1/2013	720	9.1	0.3	0.3	13.3	0.4	0.4	1.5
00/03-10-002-25W1/0	10/1/2013	744	21.6	0.7	0.7	11.2	0.4	0.4	0.5
00/03-10-002-25W1/0	11/1/2013	720	22.8	0.8	0.8	12.3	0.4	0.4	0.5
00/03-10-002-25W1/0	12/1/2013	744	20.3	0.7	0.7	11.3	0.4	0.4	0.6
00/03-10-002-25W1/0	Subtotal	8,462	275.2	9.1	9.4	165.4	5.4	5.6	7.9
00/03-15-002-25W1/0	1/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00/03-15-002-25W1/0	2/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00/03-15-002-25W1/0	3/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00/03-15-002-25W1/0	4/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00/03-15-002-25W1/0	5/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00/03-15-002-25W1/0	6/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00/03-15-002-25W1/0	7/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00/03-15-002-25W1/0	8/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00/03-15-002-25W1/0	9/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00/03-15-002-25W1/0	10/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00/03-15-002-25W1/0	11/1/2013	501	0.0	0.0	0.0	11.1	0.4	0.5	0.0
00/03-15-002-25W1/0	12/1/2013	735	0.0	0.0	0.0	5.9	0.2	0.2	0.0
00/03-15-002-25W1/0	Subtotal	1,236	0.0	0.0	0.0	17.0	0.6	0.7	0.0
00/04-14-002-25W1/0	1/1/2013	744	8.8	0.3	0.3	1.0	0.0	0.0	0.1
00/04-14-002-25W1/0	2/1/2013	624	6.0	0.2	0.2	0.9	0.0	0.0	0.2
00/04-14-002-25W1/0	3/1/2013	744	8.5	0.3	0.3	1.2	0.0	0.0	0.1
00/04-14-002-25W1/0	4/1/2013	456	4.5	0.2	0.2	0.7	0.0	0.0	0.2
00/04-14-002-25W1/0	5/1/2013	576	8.4	0.3	0.4	1.3	0.0	0.1	0.2
00/04-14-002-25W1/0	6/1/2013	720	8.5	0.3	0.3	1.3	0.0	0.0	0.2
00/04-14-002-25W1/0	7/1/2013	744	6.5	0.2	0.2	0.9	0.0	0.0	0.1
00/04-14-002-25W1/0	8/1/2013	744	8.0	0.3	0.3	0.2	0.0	0.0	0.0
00/04-14-002-25W1/0	9/1/2013	720	6.8	0.2	0.2	0.1	0.0	0.0	0.0
00/04-14-002-25W1/0	10/1/2013	744	8.0	0.3	0.3	0.1	0.0	0.0	0.0
00/04-14-002-25W1/0	11/1/2013	720	5.7	0.2	0.2	0.2	0.0	0.0	0.0
00/04-14-002-25W1/0	12/1/2013	48	0.2	0.0	0.1	0.0	0.0	0.0	0.0
00/04-14-002-25W1/0	Subtotal	7,584	79.9	2.6	2.9	7.9	0.3	0.3	1.1
00/05-15-002-25W1/0	1/1/2013	732	37.7	1.2	1.2	9.8	0.3	0.3	0.3
00/05-15-002-25W1/0	2/1/2013	672	33.2	1.2	1.2	8.0	0.3	0.3	0.2
00/05-15-002-25W1/0	3/1/2013	744	37.0	1.2	1.2	9.9	0.3	0.3	0.3
00/05-15-002-25W1/0	4/1/2013	720	35.8	1.2	1.2	9.1	0.3	0.3	0.3
00/05-15-002-25W1/0	5/1/2013	744	36.2	1.2	1.2	9.7	0.3	0.3	0.3
00/05-15-002-25W1/0	6/1/2013	720	33.9	1.1	1.1	9.1	0.3	0.3	0.3
00/05-15-002-25W1/0	7/1/2013	744	31.7	1.0	1.0	8.2	0.3	0.3	0.3
00/05-15-002-25W1/0	8/1/2013	744	32.7	1.1	1.1	8.5	0.3	0.3	0.3
00/05-15-002-25W1/0	9/1/2013	720	31.8	1.1	1.1	7.5	0.3	0.3	0.2
00/05-15-002-25W1/0	10/1/2013	744	27.1	0.9	0.9	6.6	0.2	0.2	0.2
00/05-15-002-25W1/0	11/1/2013	144	5.7	0.2	1.0	1.4	0.1	0.2	0.3
00/05-15-002-25W1/0	12/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00/05-15-002-25W1/0	Subtotal	7,428	343.0	11.3	12.1	87.8	2.9	3.1	2.8

Well Location	Date	Hours On	Monthly Produced Oil (m ³)	Oil Cal-d (m ³ /d)	Oil Prd-d (m ³ /d)	Monthly Produced H ₂ O (m ³)	H ₂ O Cal-d (m ³ /d)	H ₂ O Prd-d (m ³ /d)	WOR (m ³ /m ³)
00/06-10-002-25W1/0	1/1/2013	732	16.2	0.5	0.5	4.4	0.1	0.1	0.3
00/06-10-002-25W1/0	2/1/2013	672	15.2	0.5	0.5	3.8	0.1	0.1	0.3
00/06-10-002-25W1/0	3/1/2013	744	15.7	0.5	0.5	4.2	0.1	0.1	0.3
00/06-10-002-25W1/0	4/1/2013	672	19.5	0.7	0.7	4.8	0.2	0.2	0.3
00/06-10-002-25W1/0	5/1/2013	714	31.0	1.0	1.0	8.1	0.3	0.3	0.3
00/06-10-002-25W1/0	6/1/2013	720	27.1	0.9	0.9	7.1	0.2	0.2	0.3
00/06-10-002-25W1/0	7/1/2013	744	28.4	0.9	0.9	7.3	0.2	0.2	0.3
00/06-10-002-25W1/0	8/1/2013	744	29.7	1.0	1.0	7.8	0.3	0.3	0.3
00/06-10-002-25W1/0	9/1/2013	720	25.8	0.9	0.9	6.2	0.2	0.2	0.2
00/06-10-002-25W1/0	10/1/2013	744	21.8	0.7	0.7	5.2	0.2	0.2	0.2
00/06-10-002-25W1/0	11/1/2013	720	29.6	1.0	1.0	7.4	0.3	0.3	0.3
00/06-10-002-25W1/0	12/1/2013	744	22.2	0.7	0.7	5.9	0.2	0.2	0.3
00/06-10-002-25W1/0	Subtotal	8,670	282.3	9.3	9.4	72.2	2.4	2.4	3.1
00/07-10-002-25W1/0	1/1/2013	732	67.1	2.2	2.2	46.4	1.5	1.5	0.7
00/07-10-002-25W1/0	2/1/2013	672	55.9	2.0	2.0	35.9	1.3	1.3	0.6
00/07-10-002-25W1/0	3/1/2013	744	58.2	1.9	1.9	41.9	1.4	1.4	0.7
00/07-10-002-25W1/0	4/1/2013	720	59.5	2.0	2.0	40.2	1.3	1.3	0.7
00/07-10-002-25W1/0	5/1/2013	744	61.3	2.0	2.0	43.1	1.4	1.4	0.7
00/07-10-002-25W1/0	6/1/2013	720	58.2	1.9	1.9	41.4	1.4	1.4	0.7
00/07-10-002-25W1/0	7/1/2013	744	59.6	1.9	1.9	40.7	1.3	1.3	0.7
00/07-10-002-25W1/0	8/1/2013	744	54.9	1.8	1.8	37.8	1.2	1.2	0.7
00/07-10-002-25W1/0	9/1/2013	720	55.7	1.9	1.9	35.6	1.2	1.2	0.6
00/07-10-002-25W1/0	10/1/2013	744	55.4	1.8	1.8	35.7	1.2	1.2	0.6
00/07-10-002-25W1/0	11/1/2013	720	49.4	1.7	1.7	33.2	1.1	1.1	0.7
00/07-10-002-25W1/0	12/1/2013	744	58.8	1.9	1.9	40.6	1.3	1.3	0.7
00/07-10-002-25W1/0	Subtotal	8,748	694.3	22.8	22.9	472.7	15.5	15.6	8.2
00/07-15-002-25W1/0	1/1/2013	732	34.7	1.1	1.1	3.9	0.1	0.1	0.1
00/07-15-002-25W1/0	2/1/2013	660	27.4	1.0	1.0	2.9	0.1	0.1	0.1
00/07-15-002-25W1/0	3/1/2013	744	30.1	1.0	1.0	3.5	0.1	0.1	0.1
00/07-15-002-25W1/0	4/1/2013	720	31.5	1.1	1.1	3.5	0.1	0.1	0.1
00/07-15-002-25W1/0	5/1/2013	744	29.5	1.0	1.0	3.6	0.1	0.1	0.1
00/07-15-002-25W1/0	6/1/2013	720	25.2	0.8	0.8	3.0	0.1	0.1	0.1
00/07-15-002-25W1/0	7/1/2013	744	19.7	0.6	0.6	2.2	0.1	0.1	0.1
00/07-15-002-25W1/0	8/1/2013	744	25.6	0.8	0.8	2.9	0.1	0.1	0.1
00/07-15-002-25W1/0	9/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00/07-15-002-25W1/0	10/1/2013	180	9.1	0.3	1.2	0.0	0.0	0.0	0.0
00/07-15-002-25W1/0	11/1/2013	96	2.6	0.1	0.7	0.2	0.0	0.1	0.1
00/07-15-002-25W1/0	12/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00/07-15-002-25W1/0	Subtotal	6,084	235.5	7.8	9.3	25.7	0.9	0.9	1.0
00/08-15-002-25W1/0	1/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00/08-15-002-25W1/0	2/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00/08-15-002-25W1/0	3/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00/08-15-002-25W1/0	4/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00/08-15-002-25W1/0	5/1/2013	576	17.1	0.6	0.7	7.8	0.3	0.3	0.5
00/08-15-002-25W1/0	6/1/2013	480	14.4	0.5	0.7	6.6	0.2	0.3	0.5
00/08-15-002-25W1/0	7/1/2013	501	16.9	0.6	0.8	7.3	0.2	0.4	0.4
00/08-15-002-25W1/0	8/1/2013	576	16.5	0.5	0.7	7.4	0.2	0.3	0.5
00/08-15-002-25W1/0	9/1/2013	720	19.2	0.6	0.6	8.0	0.3	0.3	0.4
00/08-15-002-25W1/0	10/1/2013	472	14.4	0.5	0.7	5.9	0.2	0.3	0.4
00/08-15-002-25W1/0	11/1/2013	720	19.7	0.7	0.7	8.5	0.3	0.3	0.4
00/08-15-002-25W1/0	12/1/2013	432	10.6	0.3	0.6	4.5	0.2	0.3	0.4
00/08-15-002-25W1/0	Subtotal	4,477	128.9	4.2	5.6	56.0	1.8	2.4	3.5

Well Location	Date	Hours On	Monthly Produced Oil (m³)	Oil Cal-d (m³/d)	Oil Prd-d (m³/d)	Monthly Produced H₂O (m³)	H₂O Cal-d (m³/d)	H₂O Prd-d (m³/d)	WOR (m³/m³)
00/09-10-002-25W1/0	1/1/2013	732	40.2	1.3	1.3	9.2	0.3	0.3	0.2
00/09-10-002-25W1/0	2/1/2013	672	29.2	1.0	1.0	6.3	0.2	0.2	0.2
00/09-10-002-25W1/0	3/1/2013	744	28.9	0.9	0.9	6.7	0.2	0.2	0.2
00/09-10-002-25W1/0	4/1/2013	720	30.1	1.0	1.0	6.9	0.2	0.2	0.2
00/09-10-002-25W1/0	5/1/2013	744	27.1	0.9	0.9	6.4	0.2	0.2	0.2
00/09-10-002-25W1/0	6/1/2013	720	25.1	0.8	0.8	5.8	0.2	0.2	0.2
00/09-10-002-25W1/0	7/1/2013	744	28.2	0.9	0.9	6.1	0.2	0.2	0.2
00/09-10-002-25W1/0	8/1/2013	744	30.4	1.0	1.0	6.7	0.2	0.2	0.2
00/09-10-002-25W1/0	9/1/2013	720	24.8	0.8	0.8	5.3	0.2	0.2	0.2
00/09-10-002-25W1/0	10/1/2013	744	23.9	0.8	0.8	5.1	0.2	0.2	0.2
00/09-10-002-25W1/0	11/1/2013	720	20.8	0.7	0.7	4.8	0.2	0.2	0.2
00/09-10-002-25W1/0	12/1/2013	744	19.2	0.6	0.6	4.3	0.1	0.1	0.2
00/09-10-002-25W1/0	Subtotal	8,748	328.1	10.8	10.8	73.6	2.4	2.4	2.7
00/10-10-002-25W1/0	1/1/2013	732	54.6	1.8	1.8	6.1	0.2	0.2	0.1
00/10-10-002-25W1/0	2/1/2013	672	40.1	1.4	1.4	4.3	0.2	0.2	0.1
00/10-10-002-25W1/0	3/1/2013	744	43.2	1.4	1.4	5.3	0.2	0.2	0.1
00/10-10-002-25W1/0	4/1/2013	720	40.7	1.4	1.4	4.6	0.2	0.2	0.1
00/10-10-002-25W1/0	5/1/2013	744	38.9	1.3	1.3	4.6	0.2	0.2	0.1
00/10-10-002-25W1/0	6/1/2013	720	36.7	1.2	1.2	4.6	0.2	0.2	0.1
00/10-10-002-25W1/0	7/1/2013	744	34.4	1.1	1.1	3.9	0.1	0.1	0.1
00/10-10-002-25W1/0	8/1/2013	744	38.7	1.3	1.3	4.4	0.1	0.1	0.1
00/10-10-002-25W1/0	9/1/2013	720	33.2	1.1	1.1	3.5	0.1	0.1	0.1
00/10-10-002-25W1/0	10/1/2013	744	33.4	1.1	1.1	3.6	0.1	0.1	0.1
00/10-10-002-25W1/0	11/1/2013	720	29.1	1.0	1.0	3.2	0.1	0.1	0.1
00/10-10-002-25W1/0	12/1/2013	744	29.1	0.9	0.9	3.5	0.1	0.1	0.1
00/10-10-002-25W1/0	Subtotal	8,748	452.3	14.9	14.9	51.6	1.7	1.7	1.4
00/12-03-002-25W1/0	1/1/2013	732	14.5	0.5	0.5	12.4	0.4	0.4	0.9
00/12-03-002-25W1/0	2/1/2013	672	13.1	0.5	0.5	10.2	0.4	0.4	0.8
00/12-03-002-25W1/0	3/1/2013	744	13.9	0.5	0.5	12.2	0.4	0.4	0.9
00/12-03-002-25W1/0	4/1/2013	720	13.8	0.5	0.5	11.2	0.4	0.4	0.8
00/12-03-002-25W1/0	5/1/2013	744	13.1	0.4	0.4	11.4	0.4	0.4	0.9
00/12-03-002-25W1/0	6/1/2013	702	11.4	0.4	0.4	10.0	0.3	0.3	0.9
00/12-03-002-25W1/0	7/1/2013	744	10.9	0.4	0.4	9.2	0.3	0.3	0.8
00/12-03-002-25W1/0	8/1/2013	744	11.5	0.4	0.4	9.6	0.3	0.3	0.8
00/12-03-002-25W1/0	9/1/2013	720	11.9	0.4	0.4	9.2	0.3	0.3	0.8
00/12-03-002-25W1/0	10/1/2013	672	12.3	0.4	0.4	9.6	0.3	0.3	0.8
00/12-03-002-25W1/0	11/1/2013	492	0.0	0.0	0.0	0.3	0.0	0.0	0.0
00/12-03-002-25W1/0	12/1/2013	735	0.0	0.0	0.0	11.3	0.4	0.4	0.0
00/12-03-002-25W1/0	Subtotal	8,421	126.5	4.2	4.2	116.7	3.8	3.9	8.3
00/13-03-002-25W1/0	1/1/2013	732	41.8	1.4	1.4	18.5	0.6	0.6	0.4
00/13-03-002-25W1/0	2/1/2013	672	33.1	1.2	1.2	13.7	0.5	0.5	0.4
00/13-03-002-25W1/0	3/1/2013	744	35.4	1.1	1.1	16.4	0.5	0.5	0.5
00/13-03-002-25W1/0	4/1/2013	720	33.9	1.1	1.1	14.9	0.5	0.5	0.4
00/13-03-002-25W1/0	5/1/2013	744	33.1	1.1	1.1	15.1	0.5	0.5	0.5
00/13-03-002-25W1/0	6/1/2013	720	32.1	1.1	1.1	14.8	0.5	0.5	0.5
00/13-03-002-25W1/0	7/1/2013	744	30.5	1.0	1.0	13.4	0.4	0.4	0.4
00/13-03-002-25W1/0	8/1/2013	744	30.8	1.0	1.0	13.5	0.4	0.4	0.4
00/13-03-002-25W1/0	9/1/2013	720	29.2	1.0	1.0	12.0	0.4	0.4	0.4
00/13-03-002-25W1/0	10/1/2013	744	34.2	1.1	1.1	14.0	0.5	0.5	0.4
00/13-03-002-25W1/0	11/1/2013	720	30.8	1.0	1.0	13.5	0.5	0.5	0.4
00/13-03-002-25W1/0	12/1/2013	744	33.6	1.1	1.1	14.9	0.5	0.5	0.4
00/13-03-002-25W1/0	Subtotal	8,748	398.7	13.1	13.1	174.8	5.7	5.8	5.3

Well Location	Date	Hours On	Monthly Produced Oil (m³)	Oil Cal-d (m³/d)	Oil Prd-d (m³/d)	Monthly Produced H ₂ O (m³)	H ₂ O Cal-d (m³/d)	H ₂ O Prd-d (m³/d)	WOR (m³/m³)
00/15-03-002-25W1/0	1/1/2013	732	6.3	0.2	0.2	26.3	0.9	0.9	4.2
00/15-03-002-25W1/0	2/1/2013	672	6.8	0.2	0.2	26.4	0.9	0.9	3.9
00/15-03-002-25W1/0	3/1/2013	744	6.9	0.2	0.2	29.7	1.0	1.0	4.3
00/15-03-002-25W1/0	4/1/2013	696	6.5	0.2	0.2	28.1	0.9	0.9	4.0
00/15-03-002-25W1/0	5/1/2013	620	6.4	0.2	0.3	27.3	0.9	1.1	4.3
00/15-03-002-25W1/0	6/1/2013	720	6.1	0.2	0.2	26.3	0.9	0.9	4.3
00/15-03-002-25W1/0	7/1/2013	744	5.9	0.2	0.2	23.1	0.8	0.8	3.9
00/15-03-002-25W1/0	8/1/2013	744	6.0	0.2	0.2	25.0	0.8	0.8	4.2
00/15-03-002-25W1/0	9/1/2013	720	6.3	0.2	0.2	24.0	0.8	0.8	3.8
00/15-03-002-25W1/0	10/1/2013	744	5.4	0.2	0.2	21.1	0.7	0.7	3.9
00/15-03-002-25W1/0	11/1/2013	720	4.9	0.2	0.2	19.7	0.7	0.7	4.0
00/15-03-002-25W1/0	12/1/2013	744	5.6	0.2	0.2	23.3	0.8	0.8	4.2
00/15-03-002-25W1/0	Subtotal	8,600	73.1	2.4	2.5	298.4	9.8	10.0	48.9
00/16-10-002-25W1/0	1/1/2013	732	20.3	0.7	0.7	21.1	0.7	0.7	1.0
00/16-10-002-25W1/0	2/1/2013	672	16.8	0.6	0.6	16.3	0.6	0.6	1.0
00/16-10-002-25W1/0	3/1/2013	744	19.0	0.6	0.6	20.5	0.7	0.7	1.1
00/16-10-002-25W1/0	4/1/2013	720	16.7	0.6	0.6	16.9	0.6	0.6	1.0
00/16-10-002-25W1/0	5/1/2013	607	12.6	0.4	0.5	13.4	0.4	0.5	1.1
00/16-10-002-25W1/0	6/1/2013	720	15.0	0.5	0.5	16.0	0.5	0.5	1.1
00/16-10-002-25W1/0	7/1/2013	744	14.7	0.5	0.5	15.0	0.5	0.5	1.0
00/16-10-002-25W1/0	8/1/2013	744	14.6	0.5	0.5	15.1	0.5	0.5	1.0
00/16-10-002-25W1/0	9/1/2013	720	12.7	0.4	0.4	12.1	0.4	0.4	1.0
00/16-10-002-25W1/0	10/1/2013	744	12.5	0.4	0.4	12.0	0.4	0.4	1.0
00/16-10-002-25W1/0	11/1/2013	720	10.7	0.4	0.4	10.8	0.4	0.4	1.0
00/16-10-002-25W1/0	12/1/2013	588	8.7	0.3	0.4	8.9	0.3	0.4	1.0
00/16-10-002-25W1/0	Subtotal	8,455	174.4	5.7	5.9	178.2	5.9	6.1	12.2
02/02-15-002-25W1/0	1/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02/02-15-002-25W1/0	2/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02/02-15-002-25W1/0	3/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02/02-15-002-25W1/0	4/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02/02-15-002-25W1/0	5/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02/02-15-002-25W1/0	6/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02/02-15-002-25W1/0	7/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02/02-15-002-25W1/0	8/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02/02-15-002-25W1/0	9/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02/02-15-002-25W1/0	10/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02/02-15-002-25W1/0	11/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02/02-15-002-25W1/0	12/1/2013	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02/02-15-002-25W1/0	Subtotal	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02/03-10-002-25W1/0	1/1/2013	744	631.6	20.4	20.4	50.1	1.6	1.6	0.1
02/03-10-002-25W1/0	2/1/2013	672	465.3	16.6	16.6	88.6	3.2	3.2	0.2
02/03-10-002-25W1/0	3/1/2013	744	377.9	12.2	12.2	69.4	2.2	2.2	0.2
02/03-10-002-25W1/0	4/1/2013	696	153.0	5.1	5.3	23.4	0.8	0.8	0.2
02/03-10-002-25W1/0	5/1/2013	744	99.4	3.2	3.2	14.2	0.5	0.5	0.1
02/03-10-002-25W1/0	6/1/2013	720	71.4	2.4	2.4	8.7	0.3	0.3	0.1
02/03-10-002-25W1/0	7/1/2013	732	65.6	2.1	2.2	8.7	0.3	0.3	0.1
02/03-10-002-25W1/0	8/1/2013	744	58.3	1.9	1.9	8.2	0.3	0.3	0.1
02/03-10-002-25W1/0	9/1/2013	720	60.3	2.0	2.0	7.8	0.3	0.3	0.1
02/03-10-002-25W1/0	10/1/2013	744	327.6	10.6	10.6	53.4	1.7	1.7	0.2
02/03-10-002-25W1/0	11/1/2013	720	211.9	7.1	7.1	27.6	0.9	0.9	0.1
02/03-10-002-25W1/0	12/1/2013	708	155.4	5.0	5.3	23.9	0.8	0.8	0.2
02/03-10-002-25W1/0	Subtotal	8,688	2677.6	88.5	89.0	384.2	12.8	12.8	1.7
02/05-15-002-25W1/0	12/1/2013	270	289.6	9.3	25.8	16.8	0.5	1.5	0.1
02/05-15-002-25W1/0	Subtotal	270	289.6	9.3	25.8	16.8	0.5	1.5	0.1

Well Location	Date	Hours On	Monthly Produced Oil (m³)	Oil Cal-d (m³/d)	Oil Prd-d (m³/d)	Monthly Produced H ₂ O (m³)	H ₂ O Cal-d (m³/d)	H ₂ O Prd-d (m³/d)	WOR (m³/m³)
02/15-10-002-25W1/0	1/1/2013	732	29.6	1.0	1.0	20.6	0.7	0.7	0.7
02/15-10-002-25W1/0	2/1/2013	672	18.2	0.7	0.7	11.5	0.4	0.4	0.6
02/15-10-002-25W1/0	3/1/2013	744	20.0	0.7	0.7	14.3	0.5	0.5	0.7
02/15-10-002-25W1/0	4/1/2013	720	20.9	0.7	0.7	14.3	0.5	0.5	0.7
02/15-10-002-25W1/0	5/1/2013	744	19.6	0.6	0.6	13.9	0.5	0.5	0.7
02/15-10-002-25W1/0	6/1/2013	720	16.9	0.6	0.6	12.0	0.4	0.4	0.7
02/15-10-002-25W1/0	7/1/2013	744	13.2	0.4	0.4	8.9	0.3	0.3	0.7
02/15-10-002-25W1/0	8/1/2013	744	17.1	0.6	0.6	11.7	0.4	0.4	0.7
02/15-10-002-25W1/0	9/1/2013	720	32.4	1.1	1.1	20.7	0.7	0.7	0.6
02/15-10-002-25W1/0	10/1/2013	744	24.4	0.8	0.8	15.5	0.5	0.5	0.6
02/15-10-002-25W1/0	11/1/2013	720	15.5	0.5	0.5	10.4	0.4	0.4	0.7
02/15-10-002-25W1/0	12/1/2013	744	29.6	1.0	1.0	20.5	0.7	0.7	0.7
02/15-10-002-25W1/0	Subtotal	8,748	257.5	8.5	8.5	174.4	5.7	5.7	8.1
03/07-15-002-25W1/0	1/1/2013	-	-	-	-	-	-	-	-
03/07-15-002-25W1/0	2/1/2013	-	-	-	-	-	-	-	-
03/07-15-002-25W1/0	3/1/2013	-	-	-	-	-	-	-	-
03/07-15-002-25W1/0	4/1/2013	-	-	-	-	-	-	-	-
03/07-15-002-25W1/0	5/1/2013	-	-	-	-	-	-	-	-
03/07-15-002-25W1/0	6/1/2013	-	-	-	-	-	-	-	-
03/07-15-002-25W1/0	7/1/2013	-	-	-	-	-	-	-	-
03/07-15-002-25W1/0	8/1/2013	-	-	-	-	-	-	-	-
03/07-15-002-25W1/0	10/1/2013	-	-	-	-	-	-	-	-
03/07-15-002-25W1/0	11/1/2013	-	-	-	-	-	-	-	-
03/07-15-002-25W1/0	12/1/2013	152	163.87	5.29	25.87	0	0	0	0
03/07-15-002-25W1/0	Subtotal	152	163.87	5.29	25.87	0.00	0.00	0.00	0.00

Unit No. 17 Total:

Date	Hours On	Monthly Produced Oil (m³)	Oil Cal-d (m³/d)	Oil Prd-d (m³/d)	Monthly Produced H ₂ O (m³)	H ₂ O Cal-d (m³/d)	H ₂ O Prd-d (m³/d)	WOR (m³/m³)
1/1/2013	10,272	1,039	33.5	33.7	250	8.1	8.2	0.6
2/1/2013	9,348	787	28.1	28.2	243	8.7	8.7	0.5
3/1/2013	10,416	725	23.4	23.4	252	8.1	8.1	0.6
4/1/2013	9,654	491	16.4	16.7	190	6.3	6.5	0.6
5/1/2013	10,409	456	14.7	15.3	193	6.2	6.7	0.6
6/1/2013	10,530	407	13.5	13.8	181	6.0	6.1	0.6
7/1/2013	10,905	391	12.6	12.9	168	5.5	5.6	0.6
8/1/2013	10,908	389	12.5	12.8	172	5.6	5.7	0.6
9/1/2013	10,080	359	12.0	12.0	165	5.5	5.5	0.6
10/1/2013	10,252	631	20.4	21.6	199	6.4	6.6	0.5
11/1/2013	9,873	459	15.3	16.6	165	5.5	5.9	0.5
12/1/2013	9,620	847	27.3	65.0	196	6.3	7.5	0.5
TOTALS	122,267	6,980.79			2,373.42			

Unit No. 17 Yearly Totals :

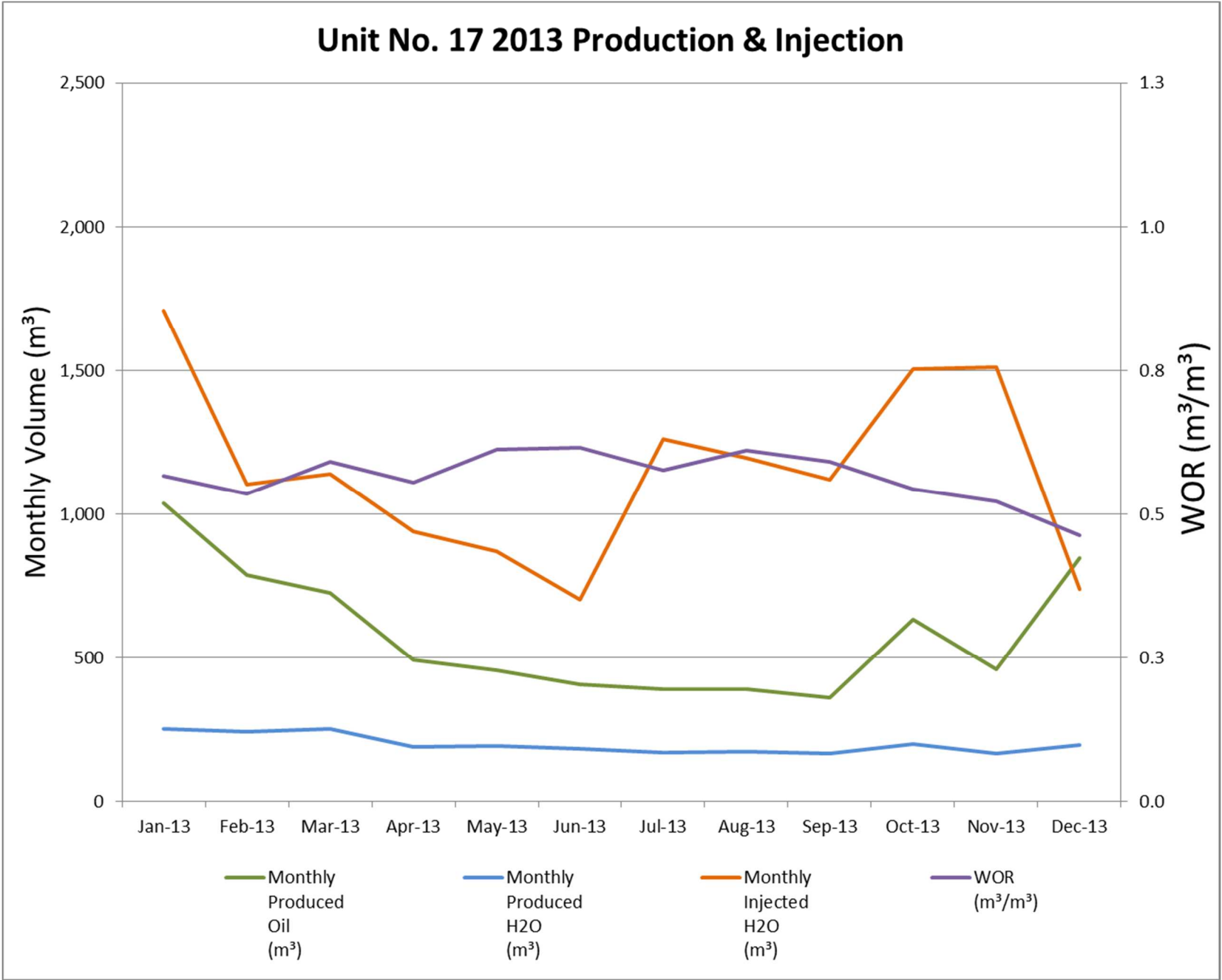
Date	Hours On	Yearly Produced Oil (m³)	Oil Cal-d (m³/d)	Oil Prd-d (m³/d)	Yearly Produced H ₂ O (m³)	H ₂ O Cal-d (m³/d)	H ₂ O Prd-d (m³/d)	WOR (m³/m³)	Well Count
1982	504	62	0.17	0.00	112	0.31	0.00	1.83	1
1983	8,376	495	1.36	0.05	1,334	3.65	0.15	2.69	1
1984	6,312	425	1.17	0.03	2,290	6.27	0.19	5.38	1
1985	8,112	527	1.44	0.06	2,639	7.23	0.28	5.01	1
1986	10,608	2,102	5.76	0.29	2,552	6.99	0.35	1.21	2
1987	9,480	2,458	6.73	0.30	1,953	5.35	0.24	0.79	2
1988	25,608	4,259	11.67	1.42	2,105	5.77	0.70	0.49	4
1989	54,936	8,384	22.97	6.00	2,264	6.20	1.62	0.27	8
1990	162,648	23,097	63.28	48.96	7,907	21.66	16.76	0.34	20
1991	177,888	17,649	48.35	40.91	6,610	18.11	15.32	0.37	22
1992	144,240	12,763	34.97	23.99	4,577	12.54	8.60	0.36	17
1993	146,736	10,847	29.72	20.74	4,935	13.52	9.44	0.45	17
1994	145,488	10,528	28.84	19.96	4,945	13.55	9.37	0.47	17
1995	143,928	9,584	26.26	17.97	5,395	14.78	10.12	0.56	17
1996	142,320	8,654	23.71	16.05	4,506	12.35	8.36	0.52	17
1997	139,008	7,445	20.40	13.49	3,355	9.19	6.08	0.45	17
1998	141,264	7,070	19.37	13.02	3,521	9.65	6.48	0.50	17
1999	138,792	6,604	18.09	11.94	4,835	13.25	8.75	0.73	17
2000	146,208	6,121	16.77	11.66	3,447	9.44	6.57	0.56	17
2001	137,592	5,773	15.82	10.35	2,812	7.70	5.04	0.49	17
2002	137,736	7,114	19.49	12.77	5,299	14.52	9.51	0.74	17
2003	134,928	7,876	21.58	13.85	16,751	45.89	29.45	2.13	16
2004	136,872	9,026	24.73	16.10	35,279	96.65	62.92	3.91	16
2005	135,000	7,951	21.78	13.99	5,725	15.68	10.07	0.72	16
2006	137,724	7,468	20.46	13.40	5,180	14.19	9.30	0.69	16
2007	135,744	7,078	19.39	12.52	6,141	16.82	10.86	0.87	16
2008	139,032	6,787	18.59	12.30	5,002	13.70	9.06	0.74	16
2009	120,408	5,576	15.28	8.75	3,991	10.93	6.26	0.72	16
2010	137,328	6,141	16.83	10.99	4,095	11.22	7.33	0.67	16
2011	127,440	4,951	13.56	8.22	3,127	8.57	5.19	0.63	16
2012	126,787	4,481	12.3	7.4	2,392	6.55	3.95	0.53	16
2013	122,267	6,981	19.1	21.9	2,373	6.50	7.45	0.34	16
Grand Total	3,481,314	226,276			167,449				

NOTE: Correction has been made to 2012 data that was reported in the 2012 Unit 17 Report.

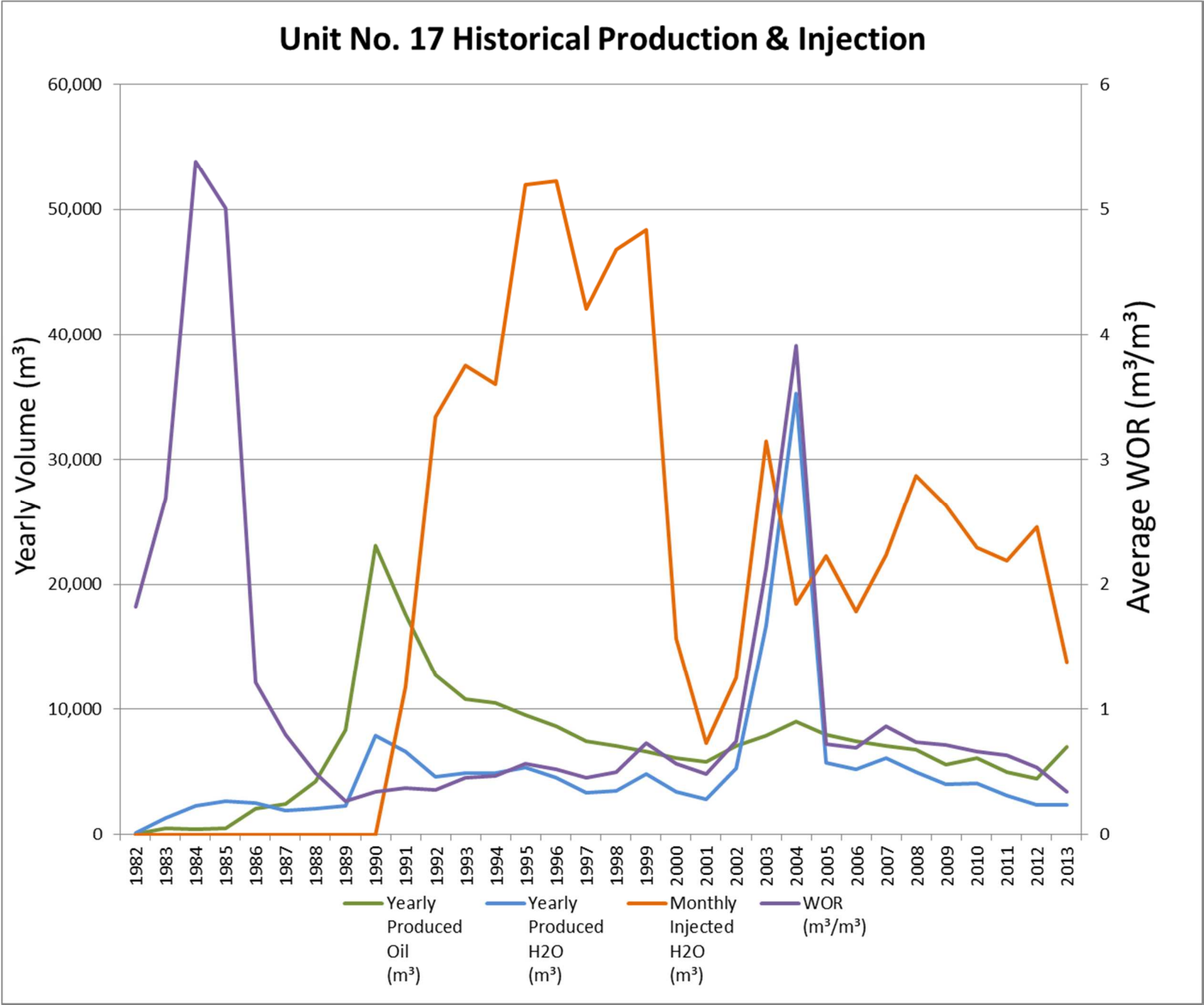
Table 5 – 2013 Workovers

Well Type	UWI	Workover	Date
Oil	100/03-15-002-25W1/00	Pump Repair	Nov-13
Oil	100/07-15-002-25W1/00	Tubing Repair	Oct-13
Oil	100/12-03-002-25W1/00	Pump Repair	Nov-13
Oil	100/03-15-002-25W1/00	Acid	Dec-13
Oil	100/12-03-002-25W1/00	Acid	Dec-13

Appendix A – Unit 17 Production & Injection 2013



Appendix B – Unit 17 Historical Production & Injection



Appendix C – Unit 17 Cumulative Production & injection

