



# **FAIRBORNE ENERGY LTD.**

February 17, 2012


Jennifer Abel, P.Eng.  
Chief Petroleum Engineer  
Petroleum Branch  
Manitoba Innovation, Energy, and Mines  
227 King Street, Virden MB

Dear Ms. Abel:

Please accept the annual EOR report for Sinclair Unit No. 4, 2010. This was the second full year of operation for the Sinclair Unit No.4 Waterflood project.

Should you have any additional questions or concerns, please contact Kirk Propp, Area engineer, 403-998-3182 or email [KPropp@fairborne-energy.com](mailto:KPropp@fairborne-energy.com).

**FAIRBORNE ENERGY LTD.**



**Kirk Propp, P.Eng**  
**Area Engineer**

**List of attachments:**

- #1 Sinclair waterflood unit #4 Map
- #2 Group production plot and forecasted decline
- #3 Conformance data, WOR for section 14-007-29w1
- #4 Conformance data, WOR for section 11-007-29w1
- #5 Monthly injection pressures for section 14-007-29w1
- #6 Monthly injection pressures for section 11-007-29w1
- #7 Observation well pressure charted
- #8 Voidage replacement data and chart for section 14-007-29w1
- #9 Voidage replacement data and chart for section 11-007-29w1

### **Sinclair Unit #4 overview**

Two horizontal producers in section 14-007-29w1 were converted to water injectors, and the first water injection into Sinclair Unit #4 commenced in December 2009. Two more injectors were converted in section 11-007-29w1 in May 2011, after the initial data was collected and analyzed from section 14. Currently, seven horizontal wells are producing on sections 11 & 14-007-29w1 as per the map shown in attachment #1. As of the time of writing they are collectively producing oil at a rate of 10.5 m<sup>3</sup>/d.

Fairborne anticipates continued positive effects from the added injection and corresponding increased pressure support. Ongoing surveillance suggests that although injection into section 11 appears sufficient at present, further increased injection into section 14 may enhance ultimate recovery. Fairborne is currently accessing the economics to pursue this in 2012.

### **Overall performance**

The performance of the waterflood to date and a comparison of current recovery vs. EOR recovery are charted in attachment #2.

Although 4 producing wells have been converted to injection it is apparent that the overall production decline has been reversed. Individual well response from the remaining producers appears more encouraging than it did in year 1. The target recovery has been maintained however the timeframe over which this is expected has been stretched out from the original projections submitted in 2009. Fairborne's original estimate of 20% waterflood recovery was based on both simulation study results and analogy to Tundra's existing and ongoing waterflood project. The projected 20% recovery factor may be achieved with the existing wells and potentially enhanced with further injector conversions. Additional drilling to 8 horizontal wells per section (approximately 200 m spacing pattern) would also achieve at least a 20% recovery factor but in a shorter time frame. Simulation modeling suggests that recoveries above 20% could be possible with additional drilling to inside 200 m spacing.



Fairborne will evaluate the economic merit of drilling additional wells as well as adding injection in the proposed unit area once waterflood responses and plateau production periods in both sections have been measured within the existing configuration.

### **Conformance Data**

The requested data referred to in clauses 1(a) to (c) of subsection 73(1) of the Oil and Gas Act (C.C.S.M c. 034) are attached in tabular and graphical form in attachments #3 - #6

### **73(1)(d) Reservoir Pressure Surveys**

An observation well located at 11-14-007-29w1 is being monitored through a weekly wellhead pressure and fluid level reading. A summary of these measurements can be found in attachment #7. This chart illustrates that voidage replacement is in progress and that overall reservoir pressure is building even as we continue to produce fluid at current rates.

### **73(1)(e) 2011 Well Servicing**

00/03-11-007-29w1 was converted to injection in March 2011.  
Injection commenced in May 2011.

02/02-11-007-29w1 was converted to injection in March 2011.  
Injection commenced in May 2011

00/02-11-007-29w1 pump was re-sized to accommodate more fluid.  
This well servicing occurred in Dec 2011.

Further pump up-sizing is anticipated in 2012,

### **73(1)(f) Voidage replacement**

Calculations of the voidage replacement ratio on a monthly and cumulative basis are shown in tabular and graphical format on attachments #8 - #9.

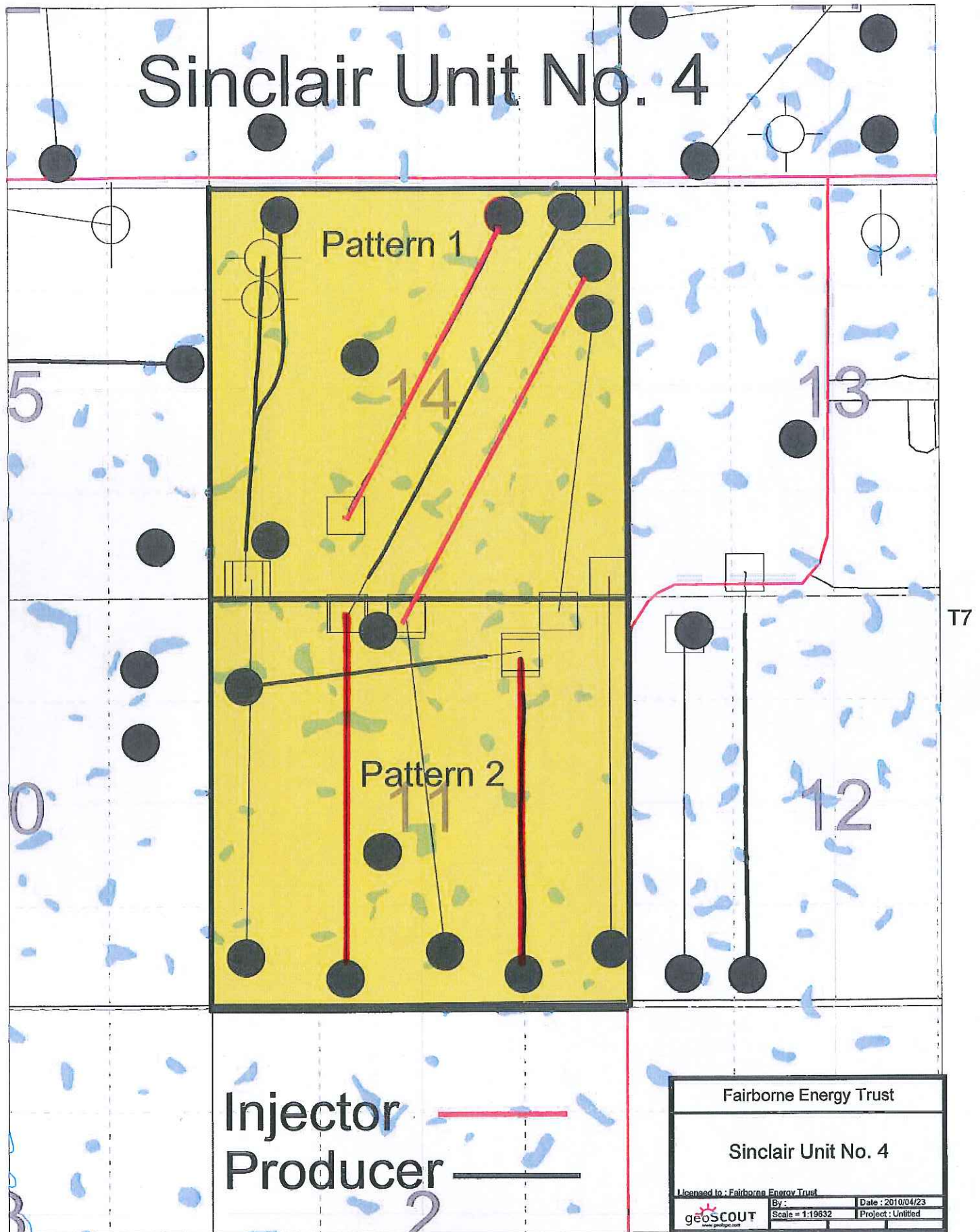
### **73(1)(g)Injected Fluid, Quality Control and Treatment.**

Produced Water from the Three Forks is both trucked and flowlined into our 8-16-7-29w1 Battery. Water is separated by a free water knock out tank and then cascaded through two more water tanks to capture and remove any residual oil that may remain. Once separated to a <50 ppm state it is filtered and injected down the four water injector wells. All water is filtered with 25 micron bags and is treated with a scale inhibitor upstream and down of the battery. Fairborne maintains a 50 ppm level of scale inhibitor throughout the system with the intention of limiting the development of any scale in the reservoir or equipment. Sinclair Unit #4 does not currently use any other make-up water.

If you find any data to be missing or require any further clarification regarding the following data please contact Kirk Propp at [KPropp@fairborne-energy.com](mailto:KPropp@fairborne-energy.com)



# Sinclair Unit No. 4

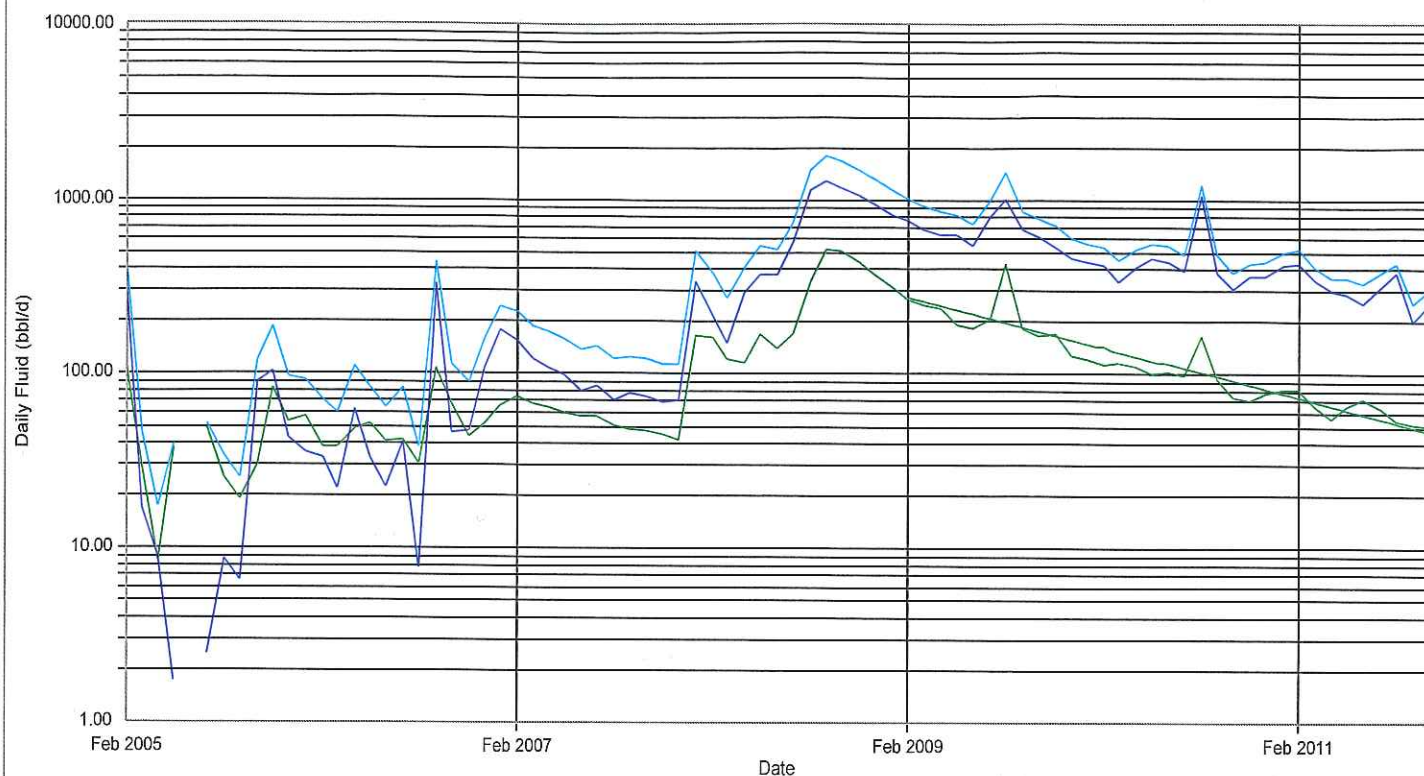


R29W1

## Production Chart

SINCLAIR UNIT 4

Default Well Production Template



Cum Oil: 260506.6 bbl

Cum Gas: 0.0 mcf

Cum Water: 735476.6 bbl

## Decline Constraints

Series: Avg Dly Oil

From: Feb 2009  
To: Oct 2011Curve: Exponential  
Qf: 0.00 bbl/d

## Decline Statistics

Qi: 276.54 bbl/d

Di: 48.41 %

Cum: 260506.55 bbl

Qt: 47.35 bbl/d

b: 0.00

Rem: 26129.89 bbl

EUR: 286636.44 bbl

## Pattern 1 - Sec 14-7-29W1

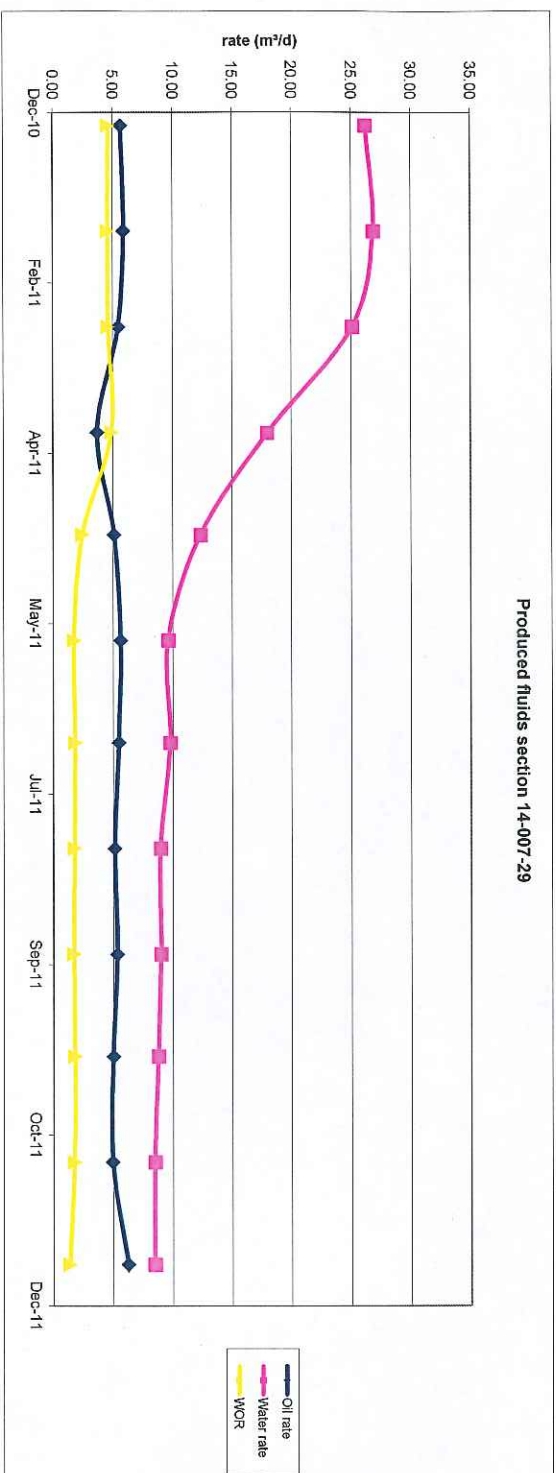
## 2011 Oil Production, Average daily rate (m³/d)

Well	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Cumulative 2010 Oil Production (m³)	Total cumulative oil (m³)
00/04-14-007-29W1	0.40	0.47	0.41	0.43	0.46	0.52	0.51	0.42	0.46	0.39	0.48	0.60	168.7	1,932.4
00/09-14-007-29W1	1.10	1.10	1.18	1.04	1.03	1.00	1.00	1.00	1.03	0.98	0.96	1.00	377.9	2,182.7
00/11-14-007-29W1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	1,066.3
00/13-14-007-29W1	1.38	1.29	1.17	0.16	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	118.6	3,152.0
02/16-14-007-29W1	2.85	3.05	2.72	2.04	3.60	4.11	3.98	3.72	3.85	3.64	3.50	4.66	1,270.7	5,598.8
Total oil	5.68	5.91	5.47	3.68	5.09	5.63	5.49	5.14	5.34	5.01	4.95	6.25	1,935.9	13,922.2

## 2010 Water Production, Average daily rate (m³/d)

Well	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Cumulative 2010 Water Production (m³)	Total cumulative water (m³)
00/04-14-007-29W1	0.77	0.87	0.81	0.74	0.69	0.60	0.65	0.62	0.59	0.61	0.54	0.62	246.5	2,289.6
00/09-14-007-29W1	5.73	5.32	5.64	5.08	5.00	5.09	5.09	5.02	5.00	4.93	4.82	4.65	1,856.8	8,971.7
00/11-14-007-29W1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	1,536.6
00/13-14-007-29W1	3.56	3.42	3.29	0.48	0.51	0.00	0.42	0.00	0.00	0.00	0.00	0.00	350.7	7,596.7
02/16-14-007-29W1	16.16	17.25	15.35	11.65	6.13	3.91	3.61	3.31	3.40	3.23	3.11	3.18	2,726.1	7,897.3
Total water	26.22	26.86	25.09	17.95	12.33	9.60	9.17	8.95	8.99	8.77	8.48	8.45	5,180.1	29,271.9
WOR	4.62	4.55	4.58	4.88	2.42	1.70	1.78	1.74	1.68	1.75	1.71	1.35		2.68

## Produced fluids section 14-007-29





## Pattern 2 - Sec 11-7-29W1

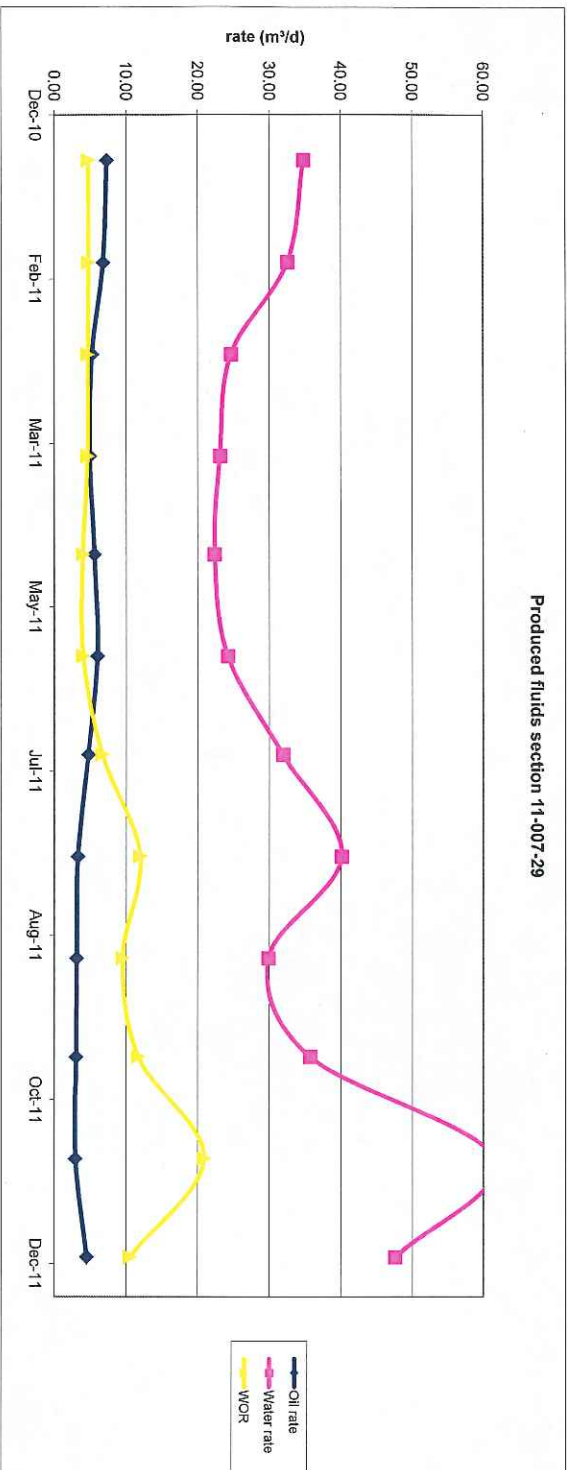
2011 Oil Production, Average daily rate (m<sup>3</sup>/d)

Well	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Cumulative 2010 Oil Production (m <sup>3</sup> )	Total cumulative oil (m <sup>3</sup> )
00001-11-007-29W1	1.20	1.20	1.20	1.14	1.15	1.05	1.00	1.00	0.96	0.80	0.80	0.86	375.8	2,586.2
00002-11-007-29W1	0.70	0.66	0.70	0.62	0.47	0.78	0.16	0.00	0.00	0.00	0.00	1.03	155.2	1,481.8
02002-11-007-29W1	1.01	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.8	2,797.2
00003-11-007-29W1	0.70	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.5	1,149.6
00004-11-007-29W1	1.30	1.20	1.20	1.10	1.37	1.54	1.46	1.50	1.40	1.40	1.38	1.78	508.5	3,339.0
00006-11-007-29W1	0.12	0.12	0.12	0.12	0.10	0.11	0.11	0.11	0.11	0.15	0.05	0.10	40.8	464.9
00013-11-007-29W1	1.31	1.30	1.27	1.16	1.59	1.80	1.35	0.00	0.00	0.00	0.00	0.00	295.4	5,799.1
00014-11-007-29W1	1.04	0.89	0.79	0.81	0.80	0.77	0.70	0.73	0.65	0.69	0.70	0.73	285.7	3,608.6
Total oil	7.36	6.85	5.28	4.95	5.59	6.03	4.78	3.34	3.13	3.05	2.94	4.50	1,754.7	21,214.4

2010 Water Production, Average daily rate (m<sup>3</sup>/d)

Well	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Cumulative 2010 Water Production (m <sup>3</sup> )	Total cumulative water (m <sup>3</sup> )
00001-11-007-29W1	9.94	9.80	9.65	9.42	8.95	8.49	7.70	7.96	9.13	8.55	8.55	9.78	3,281.2	17,338.6
00002-11-007-29W1	4.19	3.90	4.15	3.69	4.29	7.06	8.81	12.93	16.09	22.53	35.62	33.01	11,195.4	11,195.4
02002-11-007-29W1	4.98	4.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	284.8	11,199.9
00003-11-007-29W1	4.16	2.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	212.6	5,954.7
00004-11-007-29W1	5.45	5.22	5.04	4.59	4.12	3.65	3.56	3.65	3.80	3.70	3.83	3.74	1,410.8	11,418.0
00006-11-007-29W1	0.96	0.92	0.51	0.51	0.52	0.50	0.55	0.60	0.64	0.70	0.93	0.90	199.6	2,251.2
00013-11-007-29W1	5.32	5.24	5.03	4.69	4.33	4.30	11.04	14.77	0.00	0.00	12.55	0.00	2,047.9	14,481.0
00014-11-007-29W1	0.21	0.25	0.29	0.23	0.13	0.22	0.24	0.21	0.23	0.23	0.20	0.18	74.3	1,386.9
Total water	34.81	32.56	24.67	23.13	22.35	24.21	31.91	40.13	29.89	35.70	61.48	47.61	11,293.1	75,225.7
WOR	4.73	4.75	4.67	4.67	4.00	4.01	6.68	12.02	9.56	11.70	20.89	10.57	6.44	

## Produced fluids section 11-007-29



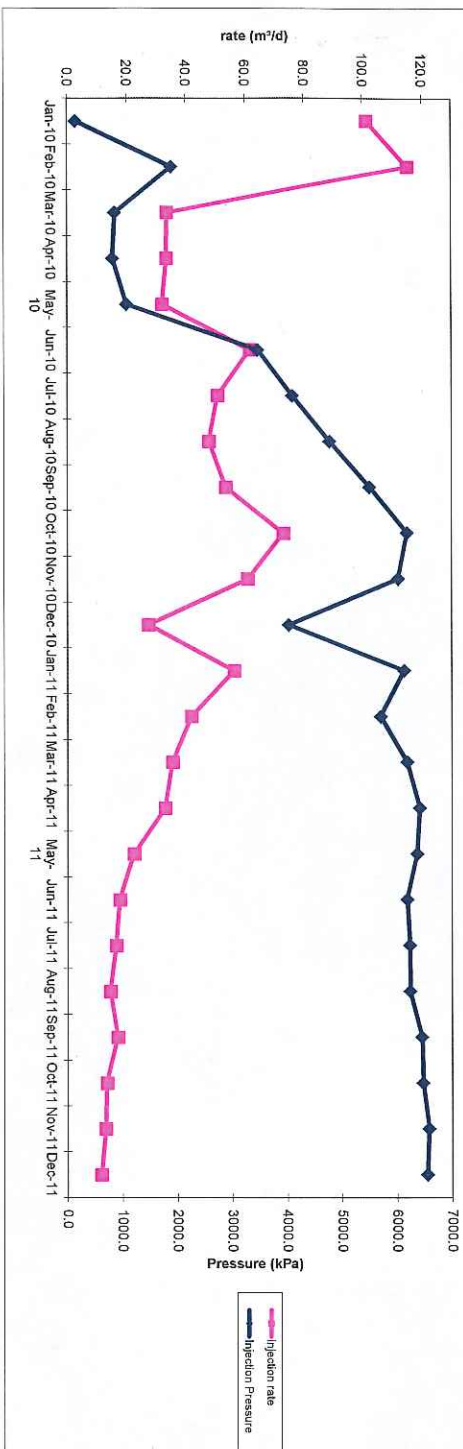
## Sec. 14 Injection Rates and Pressures

Well	Ave Daily Inj Rate (m3/d)	Ave Inj Press. (psig)	Ave Inj Press. (kPag)	Cum water injected (m)
00/16-14-7-29W1/0				
Dec-09	49.7	44.4	305.8	548
Jan-10	51.9	392.7	2707.4	2088.0
Feb	17.3	182.5	1288.3	3703.0
Mar	13.5	119.8	826.2	4244.0
Apr	15.5	221.5	1526.9	4648.0
May	21.3	493.4	3402.1	5127.0
Jun	22.7	601.9	4149.8	5765.0
Jul	21.3	680.2	4689.5	6469.0
Aug	24.6	812.8	5604.3	7129.0
Sep	35.7	900.5	6208.6	7874.0
Oct	30.4	874.0	6026.0	8981.0
Nov	9.8	590.3	4070.1	9892.0
Dec-10				10197.0

Well	Ave Daily Inj Rate (m3/d)	Ave Inj Press. (psig)	Ave Inj Press. (kPag)	Cum water injected (m)
00/16-14-7-29W1/0				
Dec-09	51.7	0.0	0.0	623
Jan-10	57.3	155.9	1074.8	2226.0
Feb	16.3	68.6	472.8	3831.0
Mar	20.0	119.8	826.2	4337.0
Apr	16.5	30.7	215.0	4938.0
May	40.4	511.9	3529.7	5451.0
Jun	28.1	596.6	4044.6	6663.0
Jul	26.6	705.6	4885.3	7533.0
Aug	28.7	783.8	5404.3	8217.0
Sep	37.2	894.0	6164.1	9037.0
Oct	30.5	874.0	6026.0	10371.0
Nov	17.4	579.2	3993.4	11286.0
Dec-10				11825.0

TOTAL INJECTION					Cum water injected (m)	
Total section 14						
Dec-09	Ave Daily Inj Rate (m3/d)	Ave Inj Press. (psig)	Ave Inj Press. (kPag)			
Jan-10	101.4	22.2	152.9		1,171.00	
Feb	115.2	274.3	1891.1		4,314.00	
Mar	33.6	125.5	865.6		7,539.00	
Apr	33.5	119.8	826.2		8,581.00	
May	32.0	166.1	1076.0		9,586.00	
Jun	61.7	502.7	3465.9		10,578.00	
Jul	60.8	594.2	4097.2		12,428.00	
Aug	47.9	692.9	4777.4		14,002.00	
Sep	53.5	798.3	5504.3		15,486.00	
Oct	72.9	897.3	6186.4		17,091.00	
Nov	60.9	874.0	6026.0		19,352.00	
Dec-10	27.2	564.8	4031.8		21,178.00	
Jan-11	56.2	889.8	6135.2		22,022.00	
Feb-11	41.8	827.6	5706.4		23,765.00	
Mar-11	35.4	897.8	6189.8		24,936.00	
Apr-11	32.8	930.8	6417.9		26,034.00	
May-11	22.3	923.6	6388.2		27,711.00	
Jun-11	17.4	897.2	6185.7		28,234.00	
Jul-11	16.3	903.9	6232.0		28,738.00	
Aug-11	14.3	904.5	6236.4		29,181.00	
Sep-11	16.8	935.8	6451.8		29,684.00	
Oct-11	13.1	938.4	6470.0		30,090.00	
Nov-11	12.7	953.8	6576.4		30,471.00	
Dec-11	11.3	960.0	6650.0		30,821.00	

## Section 14-007-29W1 Injection



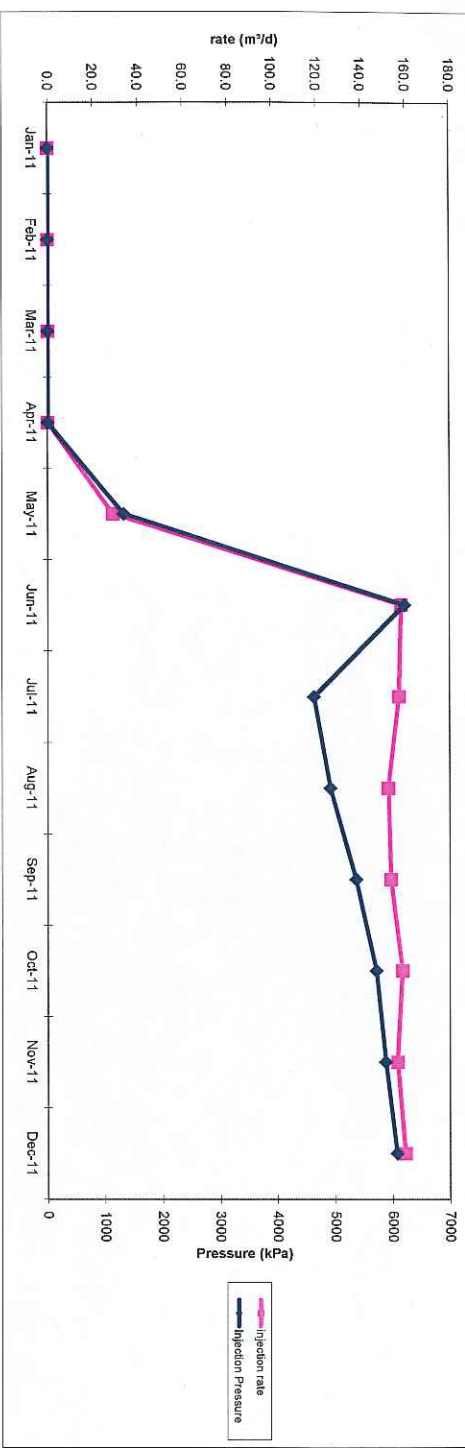
Sec. 11 Injection Rates and Pressures

Well	Ave Daily Inj Rate		Ave Inj Press.		Cum water injected	
	(m3/d)	(psig)	(KPa)	(m)		
02/02-11-7-29W1/10						
Dec-10	0	0	0	0	0	0
Jan-11	0	0	0	0	0	0
Feb	0	0	0	0	0	0
Mar	0	0	0	0	0	0
Apr	0	0	0	0	0	0
May	0	0	0	0	0	0
Jun	0	0	0	0	0	0
Jul	0	0	0	0	0	0
Aug	0	0	0	0	0	0
Sep	0	0	0	0	0	0
Oct	0	0	0	0	0	0
Nov	0	0	0	0	0	0
Dec-10	0	0	0	0	0	0
Jan-11	0.0	0.0	0.0	0.0	0.0	0.0
Feb-11	0.0	0.0	0.0	0.0	0.0	0.0
Mar-11	0.0	0.0	0.0	0.0	0.0	0.0
Apr-11	0.0	0.0	0.0	0.0	0.0	0.0
May-11	8.3	48.4	333.6	256	0	0
Jun-11	79.0	895.7	6175.4	2625	0	0
Jul-11	78.9	727.3	5014.3	5070	0	0
Aug-11	75.6	768.0	5295.4	7415	0	0
Sep-11	76.1	825.2	5699.3	9698	0	0
Oct-11	79.5	865.8	5989.5	12184	0	0
Nov-11	78.5	892.8	6183.9	14519	0	0
Dec-11	79.1	923.4	6365.5	16970	0	0

Well	Ave Daily Inj Rate		Ave Inj Press.		Cum water injected	
	(m3/d)	(psig)	(KPa)	(m)		
00/03-11-7-29W1/10						
Dec-09	0	0	0	0	0	0
Jan-10	0	0	0	0	0	0
Feb	0	0	0	0	0	0
Mar	0	0	0	0	0	0
Apr	0	0	0	0	0	0
May	0	0	0	0	0	0
Jun	0	0	0	0	0	0
Jul	0	0	0	0	0	0
Aug	0	0	0	0	0	0
Sep	0	0	0	0	0	0
Oct	0	0	0	0	0	0
Nov	0	0	0	0	0	0
Dec-10	0	0	0	0	0	0
Jan-11	0.0	0.0	0.0	0.0	0.0	0.0
Feb-11	0.0	0.0	0.0	0.0	0.0	0.0
Mar-11	0.0	0.0	0.0	0.0	0.0	0.0
Apr-11	0.0	0.0	0.0	0.0	0.0	0.0
May-11	20.8	334.0	2303.1	645	0	0
Jun-11	79.2	905.7	6244.4	3020	0	0
Jul-11	78.2	616.0	4246.9	5445	0	0
Aug-11	76.7	657.4	4532.7	7822	0	0
Sep-11	77.2	731.0	5045.1	10139	0	0
Oct-11	79.0	791.8	5459.1	12589	0	0
Nov-11	77.7	811.2	5692.8	14821	0	0
Dec-11	80.7	838.4	5780.5	17422	0	0

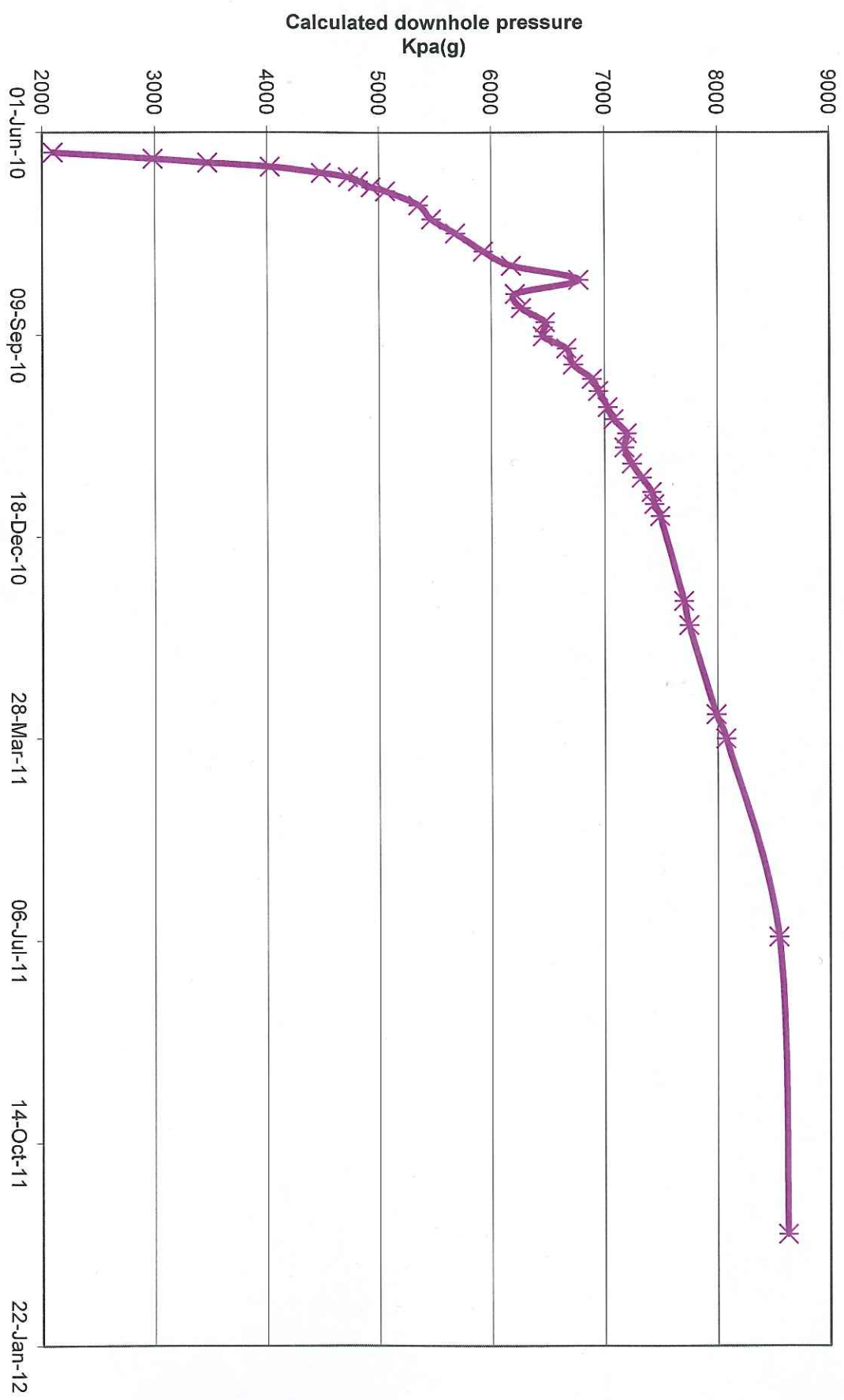
TOTAL INJECTION		Ave Daily Inj Rate		Ave Inj Press.		Cum water injected	
		(m3/d)	(psig)	(KPa)	(m)		
Total section 11							
Dec-09							
Jan-10	0	0	0	0	0	0	0.00
Feb	0	0	0	0	0	0	0
Mar	0	0	0	0	0	0	0
Apr	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0
Jun	0	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0
Oct	0	0	0	0	0	0	0
Nov	0	0	0	0	0	0	0
Dec-10	0	0	0	0	0	0	0
Jan-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feb-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mar-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May-11	29.1	191.2097	1316.344	901.0	0	0	0.0
Jun-11	158.1	900.6567	6209.878	5645.0	0	0	0.0
Jul-11	157.1	671.5129	4630.608	10515.0	0	0	0.0
Aug-11	152.3	712.7258	4914.071	19237.0	0	0	0.0
Sep-11	153.3	778.0833	5384.696	19837.0	0	0	0.0
Oct-11	158.6	828.7903	5714.308	24753.0	0	0	0.0
Nov-11	156.2	852	5874.333	29440.0	0	0	0.0
Dec-11	159.7	880.8871	6073.503	34392.0	0	0	0.0

Section 11-007-29W1 Injection

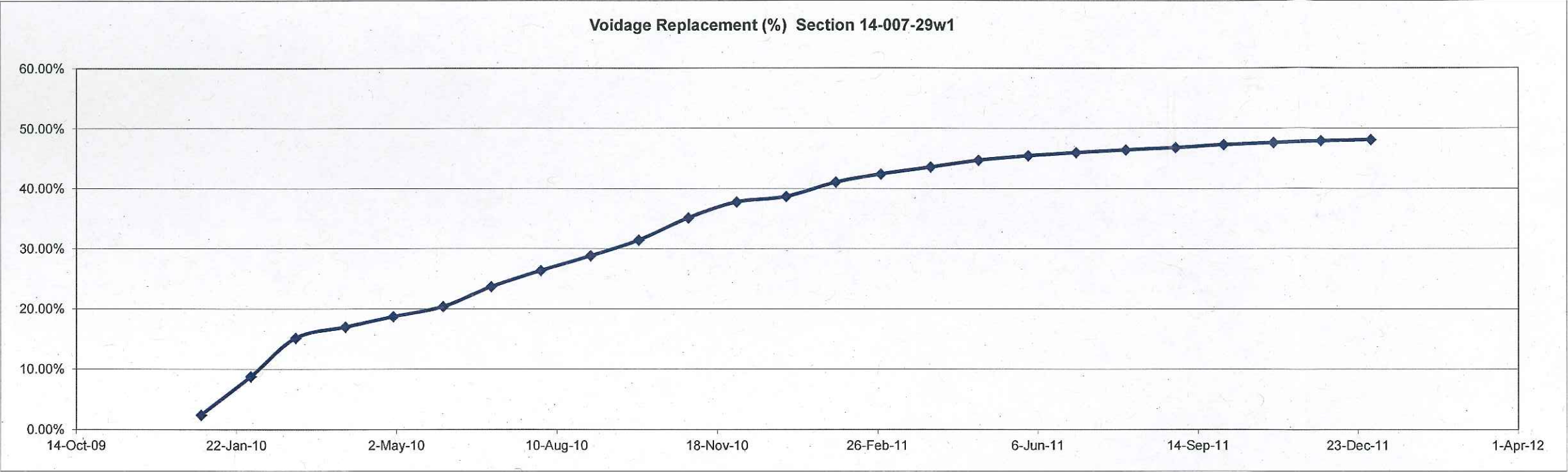




11-14-007-29w1 Observation well



VOIDAGE																									
	CUMALTIVE VOIDAGE (m³)																								
	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
Well																									
00/4-14-7-29W1/0	3,291	3,337	3,351	3,400	3,450	3,499	3,541	3,587	3,629	3,669	3,712	3,749	3,788	3,824	3,861	3,902	3,937	3,973	4,007	4,045	4,077	4,107	4,138	4,169	4,207
00/9-14-7-29W1/0	6,279	6,527	6,750	6,991	7,226	7,460	7,663	7,882	8,099	8,318	8,528	8,725	8,924	9,127	9,306	9,517	9,700	9,887	10,071	10,260	10,448	10,628	10,811	10,986	11,162
00/11-14-7-29W1/0	2,469	2,496	2,520	2,544	2,569	2,595	2,603	2,603	2,603	2,603	2,603	2,603	2,603	2,603	2,603	2,603	2,603	2,603	2,603	2,603	2,603	2,603	2,603	2,603	2,603
00/13-14-7-29W1/2	8,022	8,262	8,471	8,691	8,880	9,073	9,256	9,441	9,626	9,793	9,965	10,126	10,278	10,429	10,562	10,702	10,751	10,766	10,766	10,779	10,779	10,779	10,779	10,779	10,779
00/15-14-7-29W1/0 inj	9,228	9,228	9,228	9,228	9,228	9,228	9,228	9,228	9,228	9,228	9,228	9,228	9,228	9,228	9,228	9,228	9,228	9,228	9,228	9,228	9,228	9,228	9,228	9,228	9,228
00/16-14-7-29W1/0 inj	12,541	12,541	12,541	12,541	12,541	12,541	12,541	12,541	12,541	12,541	12,541	12,541	12,541	12,541	12,541	12,541	12,541	12,541	12,541	12,541	12,541	12,541	12,541	12,541	12,541
02/16-14-7-29W1/0	6,466	6,627	6,799	7,047	7,238	7,421	7,592	7,765	7,938	8,154	8,447	9,060	9,493	10,083	10,651	11,213	11,623	11,925	12,166	12,402	12,621	12,838	13,051	13,250	13,493
Total	48,296	49,018	49,658	50,442	51,131	51,817	52,424	53,046	53,663	54,305	55,023	56,031	56,854	57,835	58,752	59,705	60,383	60,923	61,382	61,858	62,297	62,724	63,152	63,556	64,013
Total Voidage Replaced	2.42%	8.80%	15.18%	17.01%	18.75%	20.41%	23.71%	26.40%	28.86%	31.47%	35.17%	37.80%	38.73%	41.09%	42.44%	43.60%	44.75%	45.49%	46.00%	46.46%	46.84%	47.32%	47.65%	47.94%	48.15%



VOIDAGE																									
	CUMALTIVE VOIDAGE (m³)																								
	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
Well																									
00/1-11-7-29W1/0	12,296	12,660	12,982	13,319	13,662	14,020	14,326	14,662	14,981	15,291	15,596	15,923	16,265	16,612	16,920	17,257	17,575	17,888	18,172	18,445	18,725	19,028	19,320	19,600	19,930
00/2-11-7-29W1/0	6,540	6,774	6,981	7,203	7,395	7,569	7,748	7,928	8,102	8,264	8,429	8,590	8,744	8,894	9,021	9,171	9,301	9,448	9,683	9,961	10,362	10,845	11,543	12,612	13,668
02/2-11-7-29W1/0	9,719	10,109	10,452	10,811	11,186	11,565	11,921	12,280	12,594	12,910	13,200	13,453	13,654	13,840	13,996	13,996	13,996	13,996	13,996	13,996	13,996	13,996	13,996	13,996	13,996
00/3-11-7-29W1/0	3,975	4,368	4,678	4,997	5,250	5,458	5,651	5,877	6,130	6,337	6,532	6,700	6,854	7,007	7,105	7,105	7,105	7,105	7,105	7,105	7,105	7,105	7,105	7,105	7,105
00/4-11-7-29W1/0	9,816	10,138	10,413	10,708	10,986	11,254	11,492	11,727	11,903	12,166	12,405	12,623	12,839	13,048	13,229	13,423	13,594	13,764	13,921	14,079	14,238	14,395	14,554	14,705	14,876
00/6-11-7-29W1/0	2,190	2,221	2,247	2,273	2,297	2,321	2,344	2,367	2,389	2,410	2,432	2,451	2,473	2,494	2,512	2,531	2,550	2,569	2,588	2,608	2,631	2,654	2,680	2,710	2,741
00/13-11-7-29W1/0	15,100	15,340	15,538	15,789	16,069	16,340	16,599	16,839	17,067	17,296	17,508	17,712	17,922	18,129	18,313	18,508	18,684	18,869	19,055	19,439	19,897	19,897	19,897	20,273	20,273
00/14-11-7-29W1/0	4,254	4,289	4,319	4,352	4,382	4,411	4,440	4,470	4,499	4,526	4,554	4,591	4,634	4,672	4,704	4,738	4,769	4,801	4,831	4,860	4,889	4,916	4,944	4,971	4,999
Total	63,890	65,897	67,609	69,451	71,228	72,937	74,521	76,151	77,665	79,200	80,656	82,043	83,386	84,697	85,801	86,729	87,574	88,440	89,350	90,493	91,842	92,834	94,038	95,971	97,588
Total Voidage Replaced	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.02%	6.32%	11.62%	16.59%	21.37%	26.32%	30.68%	35.24%

