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**MAGUS ENGINEERING LIMITED**

680, 140 – 4<sup>th</sup> Avenue S.W.  
Calgary, AB T2P 3N3  
(403) 264-3309

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**TRANSMITTAL**

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**DATE:** April 25, 2008

**TO:** Sunshine Oilsands Ltd.  
900, 805 8th Avenue S.W.  
Calgary, AB  
T2P 1H7

**Attention:** Doug Brown

**FROM:** Sandra Leslie

**WELL(S):** Sunshine 1AA/07-36-094-184/0

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Enclosed please find one (1) copy of the following information:

- Daily Drilling Reports
- ERCB Drilling Submission

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Should you require any additional information, please contact me at the number below.

Sandra Leslie  
Office Administrator  
**Magus Engineering Limited**  
Ph: (403) 264-3309 Fax: (403) 264-3314  
Email: Sandra.leslie@maguseng.com

Cc: ERCB

**Alberta Energy and Utilities Board  
Well Drilling Completion Data Submission  
Cover Sheet**

**Submission Date** Wednesday, April 16, 2008

**Submission ID** 909175

**Licence Number** 0391603

**UWIs**

AA/07-36-094-18W4/0 Completion

This cover sheet is to be securely stapled to all the paper reports of daily operations that correspond to the above electronic summary submission. This package is to be received by the EUB Core Research Centre within seven days (one calendar week) of the electronic submission.

**Do not send logs, directional surveys or any data other than the daily operations reports to the EUB Core Research Centre**

**The address for submission**

Alberta Energy and Utilities Board  
Core Research Centre  
3545 Research Way NW  
Calgary  
Alberta  
T2L 1Y7  
Attn: Drill Cutting Library

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Click your browsers **Print** button for a paper copy of this report.

## Well Drilling Completion Data Submission Report

Submission ID: 909175  
 Submission Status: Accepted  
 Submission Date: Wednesday, April 16, 2008 3:25:22 PM

**ACCOUNT DETAILS**

Company Code: 0WY3  
 Company Name: Magus Engineering Limited  
 Contact Name: Karen Hutley (karenh)  
 Contact Phone: 403-264-3309  
 Contact Fax: 403-264-3314  
 Contact Email: karen.hutley@maguseng.com

**LICENCE OPERATION**

Licence Number: 0391603  
 Operation Start Date: 20080229  
 Operation End Date: 20080305  
 Submitter Reference: Sun 7-36

**WELL OPERATION 1**

|                     |                      |   |
|---------------------|----------------------|---|
| Drilling Operation  | Completion Operation | Y |
| Deepening Operation |                      |   |

**UNIQUE WELL IDENTIFIER**

SS LE LSD SEC TWP RGE EW M ES  
 1 AA 07 36 094 18 W 4 0

**PLUGBACKS (1)**

**PLUGBACK 1**

|                       |          |                 |     |
|-----------------------|----------|-----------------|-----|
| PlugBack Date         | 20080305 | Cement Amount   | 2.6 |
| PlugBack Purpose Code | 1        | Cement UnitCode | 1   |
| Interval Top          | 0.0      | Method Code     | 51  |
| Interval Base         | 290.0    | Log Tag Code    | 3   |

**COMPLETIONS (2)**

**COMPLETION 1**

|                     |          |                  |  |
|---------------------|----------|------------------|--|
| Completion Date     | 20080229 | Cement Amount    |  |
| Operation Type Code | 2        | Cement Unit Code |  |
| Interval Top        | 269.0    | Abandonment Code |  |
| Interval Base       | 269.5    | Log Tag Code     |  |
| Shots Per Metre     | 13       |                  |  |

**COMPLETION 2**

|                     |          |                  |  |
|---------------------|----------|------------------|--|
| Completion Date     | 20080302 | Cement Amount    |  |
| Operation Type Code | 2        | Cement Unit Code |  |
| Interval Top        | 248.0    | Abandonment Code |  |
| Interval Base       | 248.5    | Log Tag Code     |  |
| Shots Per Metre     | 13       |                  |  |



# MAGUS ENGINEERING LIMITED

**Sunshine Oil Sands Ltd. Liege 7-36-94-18W4M**

**1AA/07-36-094-18W4**

## **COMPLETION/WORKOVER REPORTS**

**Prepared By:** Shane Hillstrom

**Start Date:** 29-Feb-08

**AFE #:** Pending



## COMPLETION/WORKOVER REPORT

MAGUS ENGINEERING LIMITED

|  |                                 |                         |             |
|--|---------------------------------|-------------------------|-------------|
| Well Name: Sunshine Oil Sands Ltd. Liege 7-36-94-18W4M |                                 | Date: February 29, 2008 | Day: 1      |
| Well UWI: 1AA/07-36-094-18W4                           | Surface Location: 7-36-94-18W4M | Licence #: 0391603      |             |
| KB (m): 558.5  | GL (m): 554.8                   | CF (m):                 | PBTD (mKB): |

Purpose of Job: Perform a series of injections on the formation to evaluate formation characteristics

### Daily Operations Summary

|                    |               |                     |
|--------------------|---------------|---------------------|
| Morning pressures: | Tubing (kPa): | Casing (kPa):       |
| Present Formation: | McMurray      | Weather: Clear -10° |

Note: Travel from home base to West camp Feb. 28/2008, Eveready Industrial travel Feb. 28/2008, Weatherford travel Feb 28/2008, charges on today's ticket.

MI Steamer & welder. Hold pre job safety meeting. Thaw out production csg. Install primary seal assembly. Dress 114.3mm production csg. Weld on a 114.3mm bell nipple. Install full opening Gate valve. LeI SCV no gas present.

RUWL. Hold PJSM. PU & RIH CBL. Tag PBTD @ 290.0mkb. Pull strip to 30.0mkb.

Field results: 290-270m fair to poor, 270-235m good to fair, 235-170m fair to poor. Cmt top 170m. No cmt to surface.

Hold PJSM. MU a 79mm x 0.5m loaded ERHSC, 13spm, 16.5 gram DP charges, 60° phasing WL perf gun.

Correlate shot depth.

Perforate 269.0 to 269.5mkb (0.5m) APP. Observe press. Press remained @ 0kpa. POH spent gun all shot fired. ROWL.

Secure well head.

Release equipment to 14-31-94-17W4M

| FLUID SUMMARY          | Water (m <sup>3</sup> ) | Oil (m <sup>3</sup> ) | FORMATION | PERFORATIONS | Open/Ab/Susp | SERVICES USED TODAY                     |
|------------------------|-------------------------|-----------------------|-----------|--------------|--------------|---|
| Load added Today:      |                         |                       | McMurray  | 269.0-269.5  | Open         | Magus Eng (Travel 02-28-08) \$925.00    |
| Load Added To Date:    |                         |                       |           |              |              | Magus Eng (WSS) \$603.00                |
| Recovered Today:       |                         |                       |           |              |              | Eveready (Steamer Inc Travel) \$1566.00 |
| Recovered To Date:     |                         |                       |           |              |              | Weatherford (WL inc travel) \$12881.00  |
| Unrecoverable Today:   |                         |                       |           |              |              |   |
| Unrecoverable To Date: |                         |                       |           |              |              |   |
| Load To Be Recovered:  |                         |                       |           |              |              |   |
| New Fluid Recovered:   |                         |                       |           |              |              |   |

### OPERATIONS COST

|             |          |               |               |          |
|-------------|----------|---------------|---------------|----------|
| Daily Cost: | \$15,975 | Previous Day: | Cost to Date: | \$15,975 |
| AFE #:      | Pending  | AFE Est:      | % Spent:      |          |

Next days planned operations: Conduct mini frac injection.

### CONTACT INFORMATION

|                             |                       |                           |
|-----------------------------|-----------------------|---------------------------|
| Contractor&Rig#:            | Push:                 | Push #:                   |
| Supervisor: Shane Hillstrom | Phone #: 403-651-6356 | E-mail: techpet@telus.net |
| Report Taken By: Jeff Magus | Hotel:                |                           |

# COMPLETION/WORKOVER REPORT

**MAGUS ENGINEERING LIMITED**

|  |                                 |                     |             |
|--|---------------------------------|---------------------|-------------|
| Well Name: Sunshine Oil Sands Ltd. Liege 7-36-94-18W4M |                                 | Date: March 2, 2008 | Day: 2      |
| Well UWI: 1AA/07-36-094-18W4                           | Surface Location: 7-36-94-18W4M | Licence #: 0391603  |             |
| KB (m): 558.5  | GL (m): 554.8                   | CF (m):             | PBTD (mKB): |

Purpose of Job: Perform a series of injections on the formation to evaluate formation characteristics

### Daily Operations Summary

|                             |                     |               |
|-----------------------------|---------------------|---------------|
| Morning pressures:          | Tubing (kPa):       | Casing (kPa): |
| Present Formation: McMurray | Weather: Clear -30° |               |

0800 hrs, MIWL & PT from 14-31-94-17W4M to location. Hold pre job safety meeting. RIWL & Press truck.  
 0930 hrs, WO steamer to take on H2O.  
 1100 hrs, WL RIH RTM recorders & land @ 273.0mkb  
 1226 hrs, Begin mini frac injection 269.0-269.5mkb. **BHP=2.674mpa**, Start 10 lt/min Inc to 20 lt/min, step down to 15 lt/min, Press 2.875mpa, Step to 20 lt/min press inc to 4.276mpa  
 1233 hrs, SD press 4.276mpa.  
 1234 hrs, Press 4.133mpa, Start @ 5 lt/min, SD leak @ WH.  
 1236 hrs, Press 2.801mpa, Start @ 5 lt/min, max press 2.861mpa, Step to 20 lt/min, max press 4.666mpa. Shut down press to 4.525mpa, Start 5 lt/min, Step to 8 lt/min. Weatherford computer crash. Shut down.  
 1257 hrs, Press 3.762mpa, Start 5 lt/min, Press 6.6mpa, Step to 8 lt/min, press 9.5mpa, Step to 11 lt/min, press 10.5mpa, Step to 14 lt/min, max press 10.383mpa, Fin press 7.7mpa.  
 1305 hrs, SD press 7.7mpa  
 1310 hrs, Press 3.571mpa. Start @ 15 lt/min, max press 9.138mpa, end press 7.76mpa.  
 1313 hrs, SD press 7.76mpa.  
 1320 hrs, Press 3.025mpa. Start @ 15 lt/min, max press 8.813mpa, end press 6.32mpa.  
 1323 hrs, SD press 6.32mpa.  
 1328 hrs, Press 2.97mpa. Start @ 15 lt/min, max press 6.649mpa, end press 6.054mpa.  
 1331 hrs, SD press 6.054mpa.  
 1335 hrs, Press 2.915mpa, Start @ 15 lt/min, max press 6.216mpa, end press 5.822mpa.  
 1339 hrs, SD press 5.822mpa.  
 1342 hrs, Press 2.91mpa. Start @ 30 lt/min, max press 7.082mpa, end press 6.073mpa. Step down to 25 lt/min, end press 5.79mpa. Step down to 20 lt/min, end press 5.48mpa, Step down to 15 lt/min, end press 5.51mpa. Step down to 10 lt/min, end press 4.736mpa. Step down to 5 lt/min, end press 4.1mpa.  
 1355 hrs, SD press 4.1mpa.  
 1357 hrs, Press 2.912mpa. Start @ 15 lt/min, max press 5.512mpa, end press 5.412mpa. SD. FB end press 3.835mpa. Shut in press 2.911mpa.  
 1404 hrs, Press 2.901mpa, Start @ 15 lt/min, max press 5.494mpa, end press 5.119mpa.  
 1406 hrs, SD press 5.119mpa, SI end press 3.22mpa. Total fluid pumped=0.689m³.  
 1408 hrs, Bleed off remaining press. WL POH RTM recorders. Hold pre job safety meeting. MU & RIH w/a 114.3mm Weatherford WRP pinned for CT ret. Correlate & Set BP @ 257.5mkb. POH. PT WRP from surface to 7 mpa for 10 min, good test.

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| FLUID SUMMARY          | Water (m³) | Oil (m³) | FORMATION | PERFORATIONS | Open/Ab/Susp | SERVICES USED TODAY          |
|------------------------|------------|----------|-----------|--------------|--------------|------------------------------|
| Load added Today:      |            |          | McMurray  | 269.0-269.5  | Open         | Magus Eng (WSS) \$1205.00    |
| Load Added To Date:    |            |          | McMurray  | 248.0-248.5  | Open         | Eveready (Steamer) \$3192.00 |
| Recovered Today:       |            |          |           |              |              | Weatherford (WL) \$8663.00   |
| Recovered To Date:     |            |          |           |              |              | Canyon (PT) \$7979.00        |
| Unrecoverable Today:   |            |          |           |              |              |                              |
| Unrecoverable To Date: |            |          |           |              |              |                              |
| Load To Be Recovered:  |            |          |           |              |              |                              |
| New Fluid Recovered:   |            |          |           |              |              |                              |

### OPERATIONS COST

|                      |                        |                        |
|----------------------|------------------------|------------------------|
| Daily Cost: \$21,039 | Previous Day: \$15,975 | Cost to Date: \$37,014 |
| AFE #: Pending       | AFE Est:               | % Spent:               |

Next days planned operations: MI CTU & Cmlers, Sqze McMurray formations & cmt to surface.

### CONTACT INFORMATION

|                             |                       |                          |
|-----------------------------|-----------------------|--------------------------|
| Contractor&Rig#:            | Push:                 | Push #:                  |
| Supervisor: Shane Hillstrom | Phone #: 403-651-6356 | Fax #: techpet@telus.net |
| Report Taken By: Jeff Magus | Hotel:                |                          |

# COMPLETION/WORKOVER REPORT

**MAGUS ENGINEERING LIMITED**

|  |                                 |                     |             |
|--|---------------------------------|---------------------|-------------|
| Well Name: Sunshine Oil Sands Ltd. Liege 7-36-94-18W4M |                                 | Date: March 2, 2008 | Day: 2      |
| Well UWI: 1AA/07-36-094-18W4                           | Surface Location: 7-36-94-18W4M | Licence #: 0391603  |             |
| KB (m): 558.5  | GL (m): 554.8                   | CF (m):             | PBTD (mKB): |

Purpose of Job: Perform a series of injections on the formation to evaluate formation characteristics

### Daily Operations Summary

|  |               |               |
|--|---------------|---------------|
| Morning pressures:   | Tubing (kPa): | Casing (kPa): |
| Present Formation:   | Weather:      |               |
| <p>1545 hrs, Hold pre job safety meeting. MU &amp; RIH w/a 79mm x 0.5m loaded ERHSC, 13spm, 16.5 gram, 60° phasing WL perf gun. Correlate shot depth &amp; perf McMurray interval 248.0 to 248.5mkb (0.5m) APP. POH spent gun, al shot fired.</p> <p>1645 hrs, MU Weatherford RTM recorders &amp; RIH. Land @ 251mkb. Hold pre job safety meeting. PT surface lines to 20 mpa, good test.</p> <p>1720 hrs, Begin mini frac injection on interval 248.0-248.5mkb. BHP=2.528mpa.<br/>Start @ 20 lt/min, Max press 4.459mpa, end press 4.459mpa.</p> <p>1722 hrs, SD press 4.459mpa.</p> <p>1724 hrs, Press 4.223mpa. Start @ 4 lt/min, press 6.8mpa</p> <p>1725 hrs, Step up to 6 lt/min, press 8.86mpa, Step up to 8 lt/min, press 9.8mpa, Step up to 10 lt/min Break down 10.16mpa, Step up to 12 lt/min, press 9.6mpa, end press 8.4mpa.</p> <p>1730 hrs, Press 8.4mpa, SD.</p> <p>1737 hrs, Press 5.513mpa, Start @ 12 lt/min, max press 8.461mpa, end press 8.112mpa.</p> <p>1741 hrs, Press 8.112mpa SD.</p> <p>1747 hrs, Press 5.725mpa. Start @ 25 lt/min, max press 10.004mpa, end press 9343mpa.</p> <p>1750 hrs, Step down to 20 lt/min, Press 9.234mpa, Step down to 15 lt/min, press 8.735 mpa, Step down to 10 lt/min, press 7.9mpa.</p> <p>1759 hrs, Prss 7.9mpa SD.</p> <p>1802 hrs, Press 5.716mpa. Start @ 12 lt/min, max press 8.180mpa, SD.</p> <p>1808 hrs, Press 8.18mpa, Flow back press 3.276mpa.</p> <p>1813 hrs, Shut in press 3.276mpa. Press inc to 5.659mpa. Rec 26 lt.</p> <p>1821 hrs, Press 5.569mpa. Start @ 12 lt/min, max press 8.056mpa, end press 7.893mpa. SD.</p> <p>1825 hrs, FB. Press 7.893mpa to 3.348mpa Rec 12 lt.</p> <p>1826 hrs, Press 3.348mpa. Shut in press inc to 5.793mpa.</p> <p>1833 hrs, Press 5.793mpa. Start @ 40 lt/min, max press 10.0mpa, end press 9.866mpa. SD.</p> <p>1837 hrs, FB. Pess 9.866mpa to 3.4mpa, rec 23 lt.</p> <p>1839 hrs, SI 3.4mpa. Press inc to 5.703mpa. Total fluid pumped=0.547m<sup>3</sup></p> <p>1846 hrs, Bleed off remaining press . RO Canyon press truck. POH RTM recorders. ROWL. Secure well head.</p> <p>1930 hrs, SDFN. Release personal.</p> |               |               |

| FLUID SUMMARY          | Water (m <sup>3</sup> ) | Oil (m <sup>3</sup> ) | FORMATION | PERFORATIONS | Open/Ab/Susp | SERVICES USED TODAY |
|------------------------|-------------------------|-----------------------|-----------|--------------|--------------|---------------------|
| Load added Today:      |                         |                       | McMurray  | 269.0-269.5  | Open         |                     |
| Load Added To Date:    |                         |                       | McMurray  | 248.0-248.5  | Open         |                     |
| Recovered Today:       |                         |                       |           |              |              |                     |
| Recovered To Date:     |                         |                       |           |              |              |                     |
| Unrecoverable Today:   |                         |                       |           |              |              |                     |
| Unrecoverable To Date: |                         |                       |           |              |              |                     |
| Load To Be Recovered:  |                         |                       |           |              |              |                     |
| New Fluid Recovered:   |                         |                       |           |              |              |                     |

### OPERATIONS COST

|             |                |          |               |          |
|-------------|----------------|----------|---------------|----------|
| Daily Cost: | Previous Day : | \$37,014 | Cost to Date: | \$37,014 |
| AFE #:      | Pending        | AFE Est: | % Spent:      |          |

Next days planned operations:

### CONTACT INFORMATION

|                             |                       |                          |
|-----------------------------|-----------------------|--------------------------|
| Contractor&Rig#:            | Push:                 | Push #:                  |
| Supervisor: Shane Hillstrom | Phone #: 403-651-6356 | Fax #: techpet@telus.net |
| Report Taken By: Jeff Magus | Hotel:                |                          |

# COMPLETION/WORKOVER REPORT

**MAGUS ENGINEERING LIMITED**

|  |                                 |                    |
|--|---------------------------------|--------------------|
| Well Name: Sunshine Oil Sands Ltd. Liege 7-36-94-18W4M | Date: March 5, 2008             | Day: 3             |
| Well UWI: 1AA/07-36-094-18W4                           | Surface Location: 7-36-94-18W4M | Licence #: 0391603 |
| KB (m): 558.5  | GL (m): 554.8                   | CF (m):            |
| PBTB (mKB):  |                                 |                    |

Purpose of Job: Perform a series of injections on the formation to evaluate formation characteristics

### Daily Operations Summary

|                    |               |                     |
|--------------------|---------------|---------------------|
| Morning pressures: | Tubing (kPa): | Casing (kPa):       |
| Present Formation: | McMurray      | Weather: Clear -24° |

0800 hrs, MICT (CWC) to location. Hold pre job safety meeting. RUCTU. Install WRP ret tool. NU Injector. RIH latch & WRP @ 257.5mkb. Apply down ward force & equalize annular press. Unset WRP & POH. RIH 1-3/4" CT to PBTB 290m.  
 MI Cmters (Trican) Hold pre job safety meeting. Take on mix H2O & pre heat w/ steamer. Batch mix & pump on the fly 0.9m³ Thermal 40 cmt CT & spot cmt 290m to 200m. CT pull above cmt top to 150m. Sqze cmt to 269.0-269.5 & 248.0-248.5mkb. Achive 7mpa lock up.  
 Back wash CT. Mix on the fly 1.7m³ Thermal 40 cmt. CTU RIH to 200m. Pump cmt to CT & displace hole from 200m to surface w/ Thermal 40 cmt. POH CT. Blow CT clean 2 m below GL.  
 Well bore full of thermal 40 cmt.  
 RO cmters. RO CTU. Remove 114.3mm demco valve.  
 1500 hrs, Release CTU to 14-31-94-18W4M.

| FLUID SUMMARY          | Water (m³) | Oil (m³) | FORMATION | PERFORATIONS | Open/Ab/Susp | SERVICES USED TODAY                   |
|------------------------|------------|----------|-----------|--------------|--------------|---------------------------------------|
| Load added Today:      |            |          | McMurray  | 269.0-269.5  | Open         | Magus Eng (WSS) \$603.00              |
| Load Added To Date:    |            |          | McMurray  | 248.0-248.5  | Open         | Eveready (Steamer) \$1636.00          |
| Recovered Today:       |            |          |           |              |              | CWC (CTU inc travel 3-2-08) \$5551.00 |
| Recovered To Date:     |            |          |           |              |              | Trican (Cmtng) \$7641.00              |
| Unrecoverable Today:   |            |          |           |              |              | Eveready (Vac truck) \$1680.00        |
| Unrecoverable To Date: |            |          |           |              |              | BBC (H2O hauling) \$1440.00           |
| Load To Be Recovered:  |            |          |           |              |              | Select (WH) \$708.00                  |
| New Fluid Recovered:   |            |          |           |              |              |                                       |

### OPERATIONS COST

|             |          |                |          |               |          |
|-------------|----------|----------------|----------|---------------|----------|
| Daily Cost: | \$20,511 | Previous Day : | \$37,014 | Cost to Date: | \$57,525 |
| AFE #:      | Pending  | AFE Est:       |          | % Spent:      |          |

Next days planned operations: Well is ready to be abandoned by SOS abandonment crew

### CONTACT INFORMATION

|                             |                       |                          |
|-----------------------------|-----------------------|--------------------------|
| Contractor&Rig#:            | Push:                 | Push #:                  |
| Supervisor: Shane Hillstrom | Phone #: 403-651-6356 | Fax #: techpet@telus.net |
| Report Taken By: Jeff Magus | Hotel:                |                          |