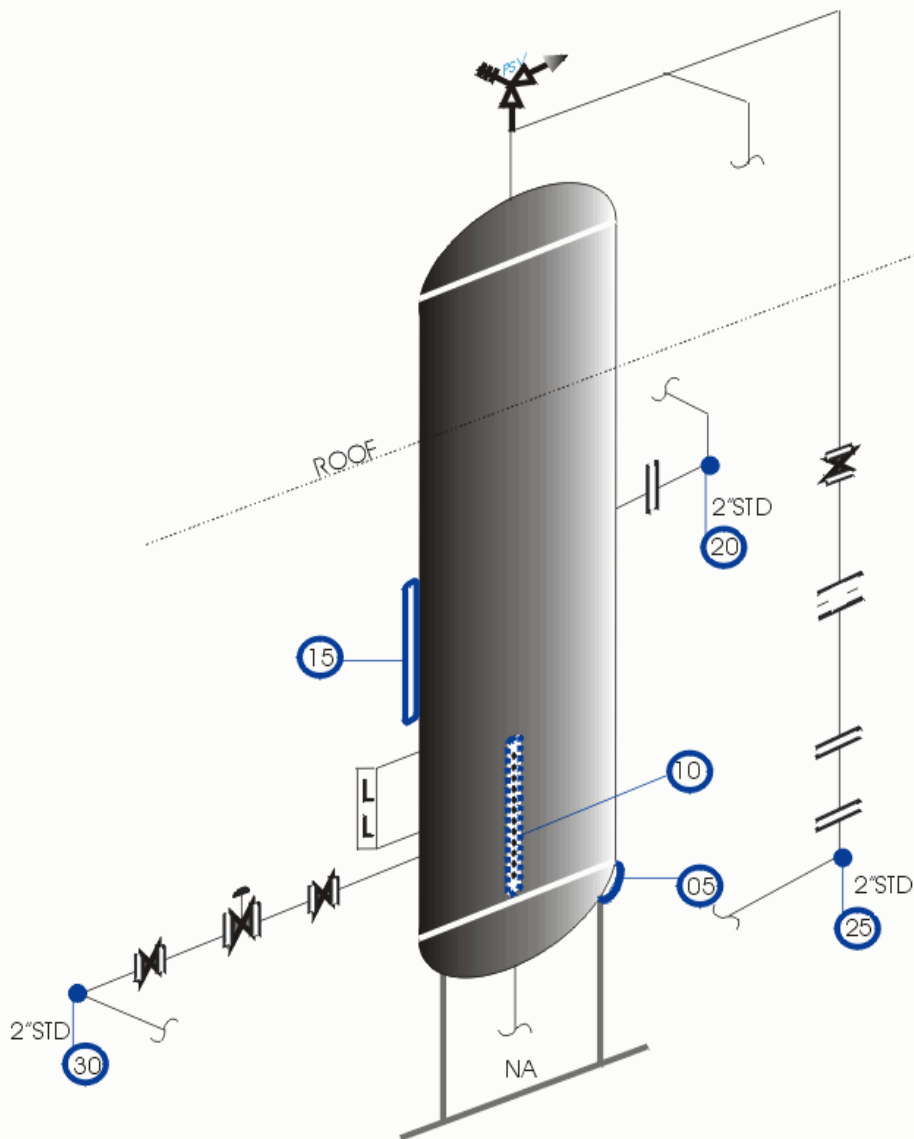


| GENERAL PRESSURE VESSEL INFORMATION                            |                       |               |  |                                      |                         |
|--|-----------------------|---------------|--|--------------------------------------|-------------------------|
| District: Central  |                       |               | Skid No.:                                  |                                      |                         |
| Facility: Marion Lake  |                       |               | Location (LSD): 16-25-037-18W4             |                                      |                         |
| Name & Equip No: Separator - MLV-3                             |                       |               | Orientation: Vertical                      |                                      |                         |
| Company: Devon Canada  |                       |               | Cost Code:                                 |                                      |                         |
| Status: Operating  |                       |               | Operating Province: Alberta                |                                      |                         |
| ABSA   |                       |               |  |                                      |                         |
| Plant:   |                       |               | Vessel:                                    |                                      |                         |
| Process:   |                       |               | Special:                                   |                                      |                         |
| Amount(\$):  |                       |               |  |                                      |                         |
| PRESSURE VESSEL NAMEPLATE DATA                                 |                       |               |  |                                      |                         |
| Registration Number: 2813893                                   |                       |               | Registration Number (Other):               |                                      |                         |
| Serial Number: VS 6711   |                       |               | CRN Number: K8258.2                        |                                      |                         |
| MAWP: 500.00 (psi)   |                       | 3447.40 (Kpa) |  | AT temperature: 100.00 (F) 37.78 (C) |                         |
| Size (diam. x length): 24.00 x 90.00 (In) 609.60 x 286.00 (mm) |                       |               | Manufacturer: LARSEN & D'AMICO MFG. LTD.   |                                      |                         |
| X-Ray: RT3   |                       |               | Lining Or Coated: No                       |                                      |                         |
| Year Built: 1992   |                       |               | Heat Treatment: No                         |                                      |                         |
| Code parameters:   |                       |               | Corrosion allowance: 0.00 (In) 0.00 (mm)   |                                      |                         |
| Joint efficiency: 0.85   |                       |               | Manway: No                                 |                                      |                         |
| PIPING NAMEPLATE DATA  |                       |               |  |                                      |                         |
| Primary Flange Rating: 300                                     |                       |               | ASME B16.5 - Table 2-1.1 @ 150F: 740 (psi) |                                      |                         |
| Pressure Use For TMin: Vess Design Press                       |                       |               | Piping Operating Press: 500 (psi)          |                                      |                         |
| Stress Value: 20000 (psi)                                      |                       |               | E Value: 1                                 |                                      |                         |
| Comments:  |                       |               |  |                                      |                         |
| SERVICE CONDITIONS-INDICATE ALL THAT APPLY                     |                       |               |  |                                      |                         |
| Sweet  | Sour                  | Oil           | Gas  | Water                                |                         |
| Amine  | LPG                   | Condensate    | Air  | Glycol                               |                         |
| Other (Describe):  |                       |               |  |                                      |                         |
| COMPONENTS   |                       |               |  |                                      |                         |
| Name   | Outside Diameter(in.) | Head Type     | Material Type                              | Stress Value (PSI)                   | Nominal Thickness(Inch) |
| Shell  | 24.00                 |               | SA-516 70                                  | 17500                                | 0.50                    |
| Head   | 24.00                 | Ellipsoidal   | SA-516 70                                  | 17500                                | 0.43                    |
| GENERAL COMMENTS   |                       |               |  |                                      |                         |
| no access to psv   |                       |               |  |                                      |                         |



**Ultrasonic Corrosion Survey**

|          |               |         |           |       |
|----------|---------------|---------|-----------|-------|
| OWNER    | DEVON CANADA  | REG. NO | A2813893  | NOTES |
| DISTRICT | CENTRAL       | NAME    | SEPARATOR |       |
| FACILITY | MARION LAKE   | SIZE    | 24" X 90" |       |
| LSD      | 16-25-37-18W4 | OTHER   | MLV-3     |       |

**Separator 2813893**

**Vessel Summary**

| Last Inspection Date | Inspection Interval (months) | Short Term Corrosion Rate [in/yr] | Long Term Corrosion Rate [in/yr] | Remaining Half Life (years) | Next Inspection Date |
|----------------------|------------------------------|-----------------------------------|----------------------------------|-----------------------------|----------------------|
| Jan 23, 2006         | 60                           | 0.00                              | 0.00                             | 99.0                        | Jan 23, 2011         |

**Vessel Survey Readings**

| Point Number  | Type  | Survey Readings (inch) |       |       | Point Data (inch) |       |          | Calculations |                     |                     |
|---|-------|------------------------|-------|-------|-------------------|-------|----------|--------------|---------------------|---------------------|
|   |       | Date                   | Low   | Avg   | Nom.              | C.A.  | Nom - CA | T Req (inch) | Long Term Corr Rate | Remaining Half Life |
| 05  | Head  | Jan 23/06              | 0.500 | 0.505 | 0.433             | 0.000 | 0.433    | 0.392        | 0.000               | 99.00               |
| 10  | Shell | Jan 23/06              | 0.529 | 0.534 | 0.500             | 0.000 | 0.500    | 0.398        | 0.000               | 99.00               |
| Readings: 0.535, 0.532, 0.537, 0.537, 0.535, 0.533, 0.532, 0.530, 0.538, 0.529, 0.534, 0.535<br>Notes: The above readings were used to obtain the min and avg readings for the TML<br>Comments: points from T-B |       |                        |       |       |                   |       |          |              |                     |                     |
| 15  | Shell | Jan 23/06              | 0.530 | 0.534 | 0.500             | 0.000 | 0.500    | 0.398        | 0.000               | 99.00               |
| Readings: 0.530, 0.531, 0.536, 0.533, 0.532, 0.535, 0.535, 0.537, 0.533, 0.535, 0.535, 0.536<br>Notes: The above readings were used to obtain the min and avg readings for the TML<br>Comments: points from T-B |       |                        |       |       |                   |       |          |              |                     |                     |

**Separator 2813893**

**Piping Summary**

| Last Inspection Date | Inspection Interval (months) | Short Term Corrosion Rate [in/yr] | Long Term Corrosion Rate [in/yr] | Remaining Half Life (years) | Next Inspection Date |
|----------------------|------------------------------|-----------------------------------|----------------------------------|-----------------------------|----------------------|
| Jan 23, 2006         | 60                           | 0.0000                            | 0.0000                           | 99.0                        | Jan 23, 2011         |

**Piping Survey Readings**

| Point Number | Size | Type | Schedule | Survey Readings (inch) |       |       | Point Data (inch) |                   | Calculations |                              |                     |
|--------------|------|------|----------|------------------------|-------|-------|-------------------|-------------------|--------------|------------------------------|---------------------|
|              |      |      |          | Date                   | Low   | Avg   | Nominal           | Mill Tolerance/CA | T Req (inch) | Long Term Corr Rate (in/yrs) | Remaining Half Life |
| 20           | 2.00 |      | STD      | 23 Jan/06              | 0.163 | 0.170 |                   | 0.019             | 0.030        | 0.000                        | 99.00               |
| 25           | 2.00 |      | STD      | 23 Jan/06              | 0.170 | 0.180 |                   | 0.019             | 0.030        | 0.000                        | 99.00               |
| 30           | 2.00 |      | STD      | 23 Jan/06              | 0.141 | 0.150 |                   | 0.019             | 0.030        | 0.000                        | 99.00               |

|                                      |                |                       |             |                       |         |
|--------------------------------------|----------------|-----------------------|-------------|-----------------------|---------|
| <b>Provincial/Identification No:</b> | 2813893        | <b>Equip. Number:</b> | MLV-3       | <b>Serial Number:</b> | VS 6711 |
| <b>District:</b>                     | Central        | <b>Facility:</b>      | Marion Lake |                       |         |
| <b>Location:</b>                     | 16-25-037-18W4 | <b>Equip. Name:</b>   | Separator   |                       |         |

|                      |                            |                         |              |
|----------------------|----------------------------|-------------------------|--------------|
| <b>Inspected By:</b> | Kevin Billesberger #000213 | <b>Inspection Date:</b> | Jan 23, 2006 |
|----------------------|----------------------------|-------------------------|--------------|

| <b>External Inspection Items</b>  | <b>Grade</b> | <b>Comments</b>  |
|---|--------------|------------------|
| Insulation Verify sealed around manways, nozzels, no damage present, and these is no egress of moisture   | N/A          |                  |
| External Condition Assesses paint condition, areas peeling, record any corrosion, damage, etc (record location, size and depth of corrosion or damage)  | Good         |                  |
| Leakage Record any leakage at flanges, threaded joints, weep holes on repads, etc   | N/A          |                  |
| Skirt/Saddle Assess condition of paint, fire protectionm concrete. Look for corrosion, buckling, dents, etc. Look at vessel surface area near supports. Verify no signs of leakage at attachment to vessel and attachment welds are acceptable. Ground wire attached? | Good         |                  |
| Anchor Bolts Hammer tap to ensure secure. Look for cracking in treads or signs of deformation   | Good         |                  |
| Concrete Foundation Check for cracks, spalling, etc.  | N/A          |                  |
| Ladder/Platform Describe general condition, ensure support is secure to vessel, describe any hazards.   | N/A          |                  |
| Nozzle Assess paint, look for leakage, and ensure stud threads are fully engaged. Record any damage, deflection, etc. Are nozzles gusseted?   | Good         |                  |
| Gauges Ensure gauges are visible, working, no leakage, and suitable for range of MAWP/Temp.   | Good         |                  |
| External Piping Ensure pipe is well supported. All clamps, supports, shoes, etc. in place. Look for evidence of structural overload, deflection, etc. Paint condition, external corrosion?  | Good         |                  |
| Valving Ensure no leaks are visible. Valves are properly, supported and chained if necessary.   | Good         |                  |
| PSV Ensure PSV is set at pressure at or below that of vessel. Discharge piping is same size as inlet to valve and is properly supported and routed. Ensure no block valves between psv and vessel or if there are the are locked open.                                | N/A          | no access to psv |
| NDE Methods Was UT/MPI done on vessel (MI coordinator to review results)  | Good         | ut               |
| Other   | N/A          |                  |

**Recommendations or corrective actions: (Vessel is Fit for Service or describe corrective actions required)**  
vessel is fit for service

|                         |               |                       |                     |
|-------------------------|---------------|-----------------------|---------------------|
| <b>Chief Inspector:</b> | <b>PESL#:</b> | <b>Sign Off Date:</b> | <b>Status:</b> Open |
|-------------------------|---------------|-----------------------|---------------------|

|                           |              |                        |                |                          |             |
|---------------------------|--------------|------------------------|----------------|--------------------------|-------------|
| <b>Registration #:</b>    | 2813893      | <b>Equipment Name:</b> | Separator      | <b>Province:</b>         | Alberta     |
| <b>District:</b>          | Central      | <b>LSD:</b>            | 16-25-037-18W4 | <b>Location:</b>         | Marion Lake |
| <b>CRN:</b>               | K8258.2      | <b>Skid Number:</b>    |                | <b>Service:</b>          |             |
| <b>Manway:</b>            | No           | <b>Coating:</b>        | No             | <b>Equipment Number:</b> | MLV-3       |
| <b>MAWP (psi):</b>        | 500.00 (psi) | <b>Temp:</b>           | 100.00 (F)     | <b>Serial Number:</b>    | VS 6711     |
| <b>Outstanding NCR's:</b> | No           | <b>No.:</b>            | 0              |                          |             |
| <b>General:</b>           |              |                        |                |                          |             |

**Safety Valves**

| Side:          | MAWP (psi) | MAWP (kPa) | PSV No.                     | Set Press (psi) | Set Press (kPa) | Capacity Imperial | Imperial Units | Capacity Metric  | Metric Units |
|----------------|------------|------------|-----------------------------|-----------------|-----------------|-------------------|----------------|------------------|--------------|
|                | 500.00     | 3447.40    |                             |                 | 0.00            |                   | SCFM           |                  |              |
| <b>Status:</b> | Operating  |            | <b>Examination Methods:</b> |                 |                 | <b>Access:</b>    | EXTERNAL       | <b>Cleaning:</b> | none         |

**External Inspection**

|                         |                           |                             |                      |                         |                      |
|-------------------------|---------------------------|-----------------------------|----------------------|-------------------------|----------------------|
| <b>Inspection Date:</b> | Jan 23, 2006              | <b>Inspection Interval:</b> | 60                   | <b>Next Insp. Date:</b> | Jan 23, 2011         |
| <b>Item</b>             | <b>Grade</b>              | <b>Inspection Comments</b>  |                      |                         |                      |
| Insulation              | N/A                       |                             |                      |                         |                      |
| External Condition      | Good                      |                             |                      |                         |                      |
| Leakage                 | N/A                       |                             |                      |                         |                      |
| Skirt/Saddle            | Good                      |                             |                      |                         |                      |
| Anchor Bolts            | Good                      |                             |                      |                         |                      |
| Concrete Foundation     | N/A                       |                             |                      |                         |                      |
| Ladder/Platform         | N/A                       |                             |                      |                         |                      |
| Nozzle                  | Good                      |                             |                      |                         |                      |
| Gauges                  | Good                      |                             |                      |                         |                      |
| External Piping         | Good                      |                             |                      |                         |                      |
| Valving                 | Good                      |                             |                      |                         |                      |
| PSV                     | N/A                       | no access to psv            |                      |                         |                      |
| NDE Methods             | Good                      | ut                          |                      |                         |                      |
| Other                   | N/A                       |                             |                      |                         |                      |
| <b>Recommendations:</b> | vessel is fit for service |                             | <b>Inspected By:</b> | Kevin Billesberger      | <b>PESL#:</b> 000213 |

**INSPECTOR :** I have witnessed/done the above inspections and certify that they have been done in accordance with our approved manual and that the information is accurate. I certify that the status of the Pressure equipment detailed here is:

**Suitable to be returned to service:** Yes      **Repairs complete(AB-40 attached):** No

**Repairs are still required:** No      **Suggested Inspection interval:** 60

**Inspector:** \_\_\_\_\_ **PESL #:** \_\_\_\_\_ **Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**CHIEF INSPECTOR :** I certify that the information on this report is true and all inspections as required by our Owner/User.:

**Quality Assurance Program #** \_\_\_\_\_ **which expires in** \_\_\_\_\_ **have been done.**