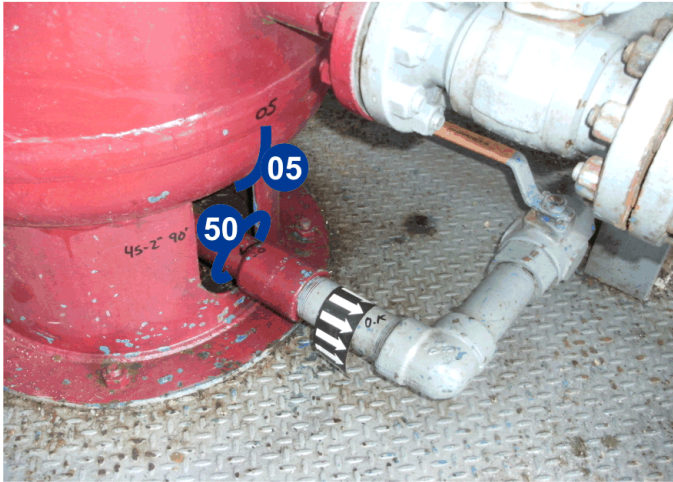


| GENERAL PRESSURE VESSEL INFORMATION | | | | | | |
|--|--|-----------------------|--|----------------------------|--------------------|-------------------------|
| District: Central | | | Skid No.: | | | |
| Facility: Marion Lake | | | Location (LSD): 16-25-037-18W4 | | | |
| Name & Equip No: TEST SEPARATOR - MLV-3 | | | Orientation: Vertical | | | |
| Company: Devon Canada | | | Cost Code: | | | |
| Status: Operating | | | Operating Province: Alberta | | | |
| Unit: | | | | | | |
| 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 119.00(In) | | | 609.60 x 4222.60(mm) | | | |
| X-Ray: RT3 | | | Manufacturer: LARSEN & D'AMICO MFG. LTD. | | | |
| Year Built: 1992 | | | Lining Or Coated: No | | | |
| Code parameters: | | | Heat Treatment: No | | | |
| | | | Corrosion allowance: 0.00 (In) | | 0.00 (mm) | |
| | | | 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 <input checked="" type="checkbox"/> | | Oil | | Gas | Water |
| Amine | LPG | | Condensate | | Air | Glycol |
| Other (Describe): | | | | | | |
| COMPONENTS | | | | | | |
| Name | Joint Efficiency | Outside Diameter(in.) | Head Type | Material Type | Stress Value (PSI) | Nominal Thickness(Inch) |
| SHELL | 0.85 | 24.00 | | SA-516 70 | 17500 | 0.50 |
| HEAD | 1.00 | 24.00 | Ellipsoidal | SA-516 70 | 17500 | 0.44 |
| GENERAL COMMENTS | | | | | | |
| MDR UPDATED. PICS: 8003 - 8013. | | | | | | |



| | | | |
|-----------------------|----------------|------------------------|------------------|
| OWNER | DEVON | EQUIPMENT # | MLV-3 |
| EQUIPMENT NAME | TEST SEPARATOR | SERIAL # | VS-6711 |
| REGISTRATION # | 2813893 | INSPECTION DATE | JANUARY 20, 2011 |

NOTES

PAGE 1 OF 2



| | | | |
|-----------------------|----------------|------------------------|------------------|
| OWNER | DEVON | EQUIPMENT # | MLV-3 |
| EQUIPMENT NAME | TEST SEPARATOR | SERIAL # | VS-6711 |
| REGISTRATION # | 2813893 | INSPECTION DATE | JANUARY 20, 2011 |

NOTES

ULTRASONIC CORROSION SURVEY REPORT

EQUIP NAME: TEST SEPARATOR
 PROV REG: 2813893
 EQUIP #: MLV-3

SERIAL #: VS-6711
 CRN: K8258.2

DISTRICT: Central
 FACILITY: Marion Lake
 LSD: 16-25-037-18W4

SUMMARY

| TYPE | LAST INSPECTION | INSPECTION INTERVAL (YEARS) | CORROSION RATE (IN/YR) | | REMAINING HALF LIFE (YEARS) | GOVERNING INSPECTION INTERVAL | NEXT INSPECTION DATE |
|--------|-----------------|-----------------------------|------------------------|-----------|-----------------------------|-------------------------------|----------------------|
| | | | SHORT TERM | LONG TERM | | | |
| VESSEL | Jan 20, 2011 | 4.0 | 0.0000 | 0.0000 | 99.0 | REGULATORY | Jan 20, 2015 |
| PIPING | Jan 20, 2011 | 4.0 | 0.0000 | 0.0000 | 99.0 | | |

VESSEL SURVEY READINGS

| POINT NUMBER | TYPE | POINT DATA (INCH) | | | DATE | SURVEY READINGS | | | T Req (inch) | CALCULATIONS | | |
|--|-------|-------------------|--------|--------|-----------|-----------------|-------|----------------------|--------------|---------------------|---------------------|--|
| | | NOM. | C.A. | NOM-CA | | LOW | AVG | short term corr rate | | long term corr rate | remaining half life | |
| 05 | Head | 0.4370 | 0.0000 | 0.4370 | Jan 20/11 | 0.462 | 0.490 | 0.334 | 0.0000 | 0.0000 | 99.0 | |
| 10 | Shell | 0.5000 | 0.0000 | 0.5000 | Jan 20/11 | 0.518 | 0.523 | 0.398 | 0.0000 | 0.0000 | 99.0 | |
| Readings: 0.525, 0.528, 0.525, 0.523, 0.520, 0.518 Notes: The above readings were used to obtain the min and avg readings for the TML | | | | | | | | | | | | |
| 15 | Shell | 0.5000 | 0.0000 | 0.5000 | Jan 20/11 | 0.521 | 0.526 | 0.398 | 0.0000 | 0.0000 | 99.0 | |
| Readings: 0.526, 0.530, 0.535, 0.521, 0.522, 0.524 Notes: The above readings were used to obtain the min and avg readings for the TML | | | | | | | | | | | | |
| 20 | Shell | 0.5000 | 0.0000 | 0.5000 | Jan 20/11 | 0.520 | 0.522 | 0.398 | 0.0000 | 0.0000 | 99.0 | |
| Readings: 0.522, 0.524, 0.523, 0.520, 0.523, 0.521 Notes: The above readings were used to obtain the min and avg readings for the TML | | | | | | | | | | | | |

PIPING SURVEY READINGS

| POINT NUMBER | TYPE | POINT DATA (INCH) | | | DATE | SURVEY READINGS | | | T Req (inch) | CALCULATIONS | | |
|---------------------------------------|-----------|-------------------|--------------|--------|-----------|-----------------|-------|----------------------|--------------|---------------------|---------------------|--|
| | | NOM. | Mill Tol./CA | NOM-CA | | LOW | AVG | short term corr rate | | long term corr rate | remaining half life | |
| 25 | 90L 2 STD | 0.1540 | 0.0193 | 0.1347 | Jan 20/11 | 0.165 | 0.175 | 0.030 | 0.0000 | 0.0000 | 99.0 | |
| 30 | 90L 2 STD | 0.1540 | 0.0193 | 0.1347 | Jan 20/11 | 0.149 | 0.160 | 0.030 | 0.0000 | 0.0000 | 99.0 | |
| 35 | 90L 2 STD | 0.1540 | 0.0193 | 0.1347 | Jan 20/11 | 0.138 | 0.150 | 0.030 | 0.0000 | 0.0000 | 99.0 | |
| 40 | 90L 2 STD | 0.1540 | 0.0193 | 0.1347 | Jan 20/11 | 0.143 | 0.155 | 0.030 | 0.0000 | 0.0000 | 99.0 | |
| 45 | 90L 2 XS | 0.2180 | 0.0273 | 0.1907 | Jan 20/11 | 0.175 | 0.210 | 0.030 | 0.0000 | 0.0000 | 99.0 | |
| Comments: BAND 45, ID PIT NOTED. | | | | | | | | | | | | |
| 50 | BAND 2 XS | 0.2180 | 0.0273 | 0.1907 | Jan 20/11 | 0.080 | 0.170 | 0.030 | 0.0000 | 0.0000 | 99.0 | |
| Comments: CORROSION NOTED IN BAND 50. | | | | | | | | | | | | |

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

Safety Valves

| Side: | MAWP (psi) | MAWP (kPa) | PSV No. | Set Press (psi) | Set Press (kPa) | Capacity Imperial | Imperial Units | Capacity Metric | Metric Units |
|----------------|------------|------------|-----------------------------|-----------------|-----------------|-------------------|----------------|-----------------|------------------|
| Shell | 500.00 | 3447.40 | 1625-1D | 500.00 | 3447.40 | 4071.00 | SCFM | | |
| Status: | Operating | | Examination Methods: | | | Access: | EXTERNAL | | Cleaning: |


External Inspection

| | | | | | |
|-------------------------|--|--|----------------------|-------------------------|--------------|
| Inspection Date: | Jan 20, 2011 | Inspection Interval: | 48 | Next Insp. Date: | Jan 20, 2015 |
| Item | Condition | Inspection Comments | | | |
| Insulation | N/A | | | | |
| External Condition | Accept | OVERALL IN GOOD CONDITION. | | | |
| Leakage | Accept | NO LEAKS NOTED. | | | |
| Skirt/Saddle | Accept | IN GOOD CONDITION. | | | |
| Anchor Bolts | Accept | IN GOOD CONDITION. | | | |
| Concrete Foundation | N/A | | | | |
| Ladder/Platform | N/A | | | | |
| Nozzle | Accept | IN GOOD CONDITION. | | | |
| Gauges | Accept | IN GOOD CONDITION. | | | |
| External Piping | Concern | OVERALL IN FAIR CONDITION, FLANGE BEFORE PSV INLET IS SHORT BOLTED, PIC#8012,8013. | | | |
| Valving | Accept | IN GOOD CONDITION. | | | |
| PSV | Accept | IN GOOD CONDITION. | | | |
| NDE Methods | Concern | CORROSION NOTED IN BOTTOM DRAIN NOZZLE PIPING TML 45-50, SEE UT REPORT. | | | |
| Other | N/A | | | | |
| Recommendations: | REBOLT FLANGE BEFORE PSV INLET. | | Inspected By: | Kurt Robak | |
| | RECOMMEND CUTTING A HAND HOLE IN WEST SIDE OF SKIRT. MONITOR AN/OR REPAIR BOTTOM DRAIN PIPING. | | | | |

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: **Repairs complete(AB-40 attached):**

Repairs are still required: **Suggested Inspection interval:**

Inspector: Kurt Robak **Signature:**  **Date:** Jan 20, 2011

Pressure Safety Valve Summary

PSV Static Data

| | | | |
|-----------------------|----------------|----------------|--------------|
| Client: | Devon Canada | Facility: | Marion Lake |
| District: | Central | PSV Number: | 1625-1D |
| Location: | 16-25-037-18W4 | Serial Number: | |
| Description: | | Manufacturer: | MERCER VALVE |
| CRN: | OG2606.5C | Code Stamp: | |
| Model: | 81-43251V15G11 | Outlet Size: | 2 |
| Inlet Size: | 2 | | |
| Side (Shell or Tube): | Shell | | |

PSV Service/Inspection

| | | | |
|------------------------|-------------|---------------------------------|------|
| Set Date: | 1 May, 2010 | Service Interval: | |
| Set Pressure (psig): | 500 | Capacity (scfm): | 4071 |
| Service Sealed Intact: | Yes | | |
| Block Valve Inlet: | No | Block Valve Inlet Locked Open: | |
| Block Valve Outlet: | No | Block Valve Outlet Locked Open: | |
| Service Company: | | Ref Number: | |
| Condition: | | Prepopped Results: | |
| Service Type: | | Installed Date: | |
| Next Service Date: | | | |
| Comments: | | | |

Equipment Protected

| <u>Req #</u> | <u>Equip #</u> | <u>Type</u> | <u>Name</u> | <u>Status</u> | <u>MAWP</u> |
|--------------|----------------|-----------------|----------------|---------------|-------------|
| 2813893 | MLV-3 | Pressure Vessel | TEST SEPARATOR | Operating | 500.00 |

PSV Summary

| |
|--------------------------------|
| PSV passes all summary checks. |
|--------------------------------|



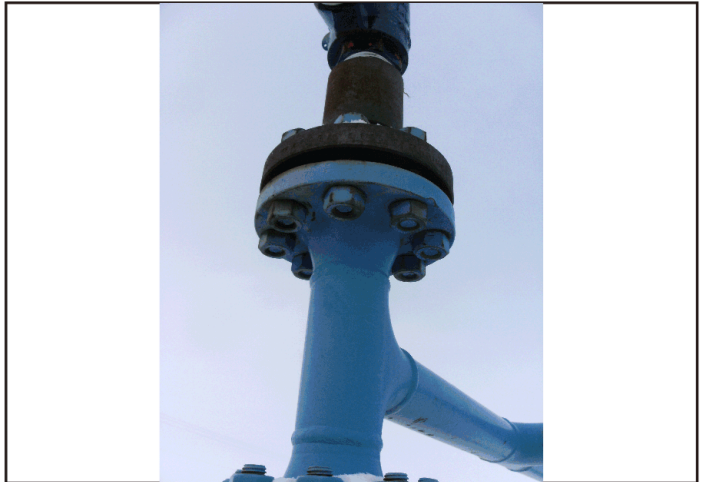
NAMEPLATE



OVERALL



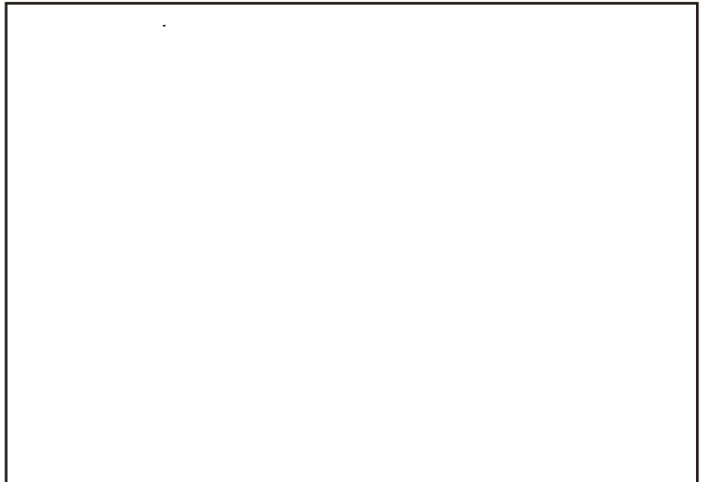
PSV



FLANGE BEFORE PSV INLET IS SHORT BOLTED



FLANGE BEFORE PSV INLET IS SHORT BOLTED



| | | |
|-----------------------|----------------|--------------|
| OWNER | DEVON | NOTES |
| EQUIPMENT NAME | TEST SEPARATOR | |
| REGISTRATION # | 2813893 | |
| EQUIP NUMBER | MLV-3 | |
| SERIAL NUMBER | VS-6711 | |

ENTERED
27/02/01

SCANNED

FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
(Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only) **A 2813893**
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by LARSEN & D'AMIGO MFG. LTD. 9805-51 Avenue Edmonton, AB T6E 4W8
(Name and address of manufacturer)

2. Manufactured for RESMAN OIL & GAS LTD. 4266-91 street Edmonton AB T6E 5V2 Marion LK
(Name and address of purchaser)

3. Location of installation 6-36-37-18-W4M MLV-3 16-25-37-18W4
(Name and address)

4. Type vertical VS-6711 K8258.2 LD-2867A ✓ 1992
(How or vert. tank) (Mfg's serial No.) (CRM) (Drawing No.) (Yr. of Bd. No.) (Year built)

5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 1992
Year

6. Shell: Addenda (Date) SA-516-70 (12.7) (Cor's Case Nos.) (610) Special Section per UG 120(d)
.5" 24" OD 3010 (9'-10 1/2")

7. Seams: single butt spot 85 ✓ n/r n/r single butt spot one
Long. (Welded, Dbl., Singl. Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp. (°F) Time (hr) Grth (Welded, Dbl., Singl. Lap, Butt) R.T. (Spot, Partial, or Full) No. of Courses

8. Heads: (a) Matl. SA-516-70 (Spec. No., Grade) (b) Matl. SA-516-70 (Spec. No., Grade)

| | Location (Top, Bottom, Ends) | Minimum Thickness (in.) | Corrosion Allowance (in.) | Crown Radius | Knuckle Radius | Elliptical Ratio | Conical Apex Angle | Hemispherical Radius | Flat Diameter | Side to Pressure (Convex or Concave) |
|-----|------------------------------|-------------------------|---------------------------|--------------|----------------|------------------|--------------------|----------------------|---------------|--------------------------------------|
| (a) | top | .437 (11.2) | n.r. | | | S:E | | | | concave |
| (b) | bottom | .437 (11.2) | n.r. | | | S:E | | | | concave |

If removable, bolts used (describe other fastenings):
(Matl., Spec. No., Cr., Size, No.)

9. MAWP (3447 kPa) 500 psi at max. temp. (38 °C) 100 °F
Min. design metal temp. (-29 °C) -20 °F at 500 psi. Hydro. pneu., or comb. test pressure (5171 kPa) 750 psi.

10. Nozzles, inspection and safety valve openings:

| Purpose (Inlet, Outlet, Drain) | No. | Diam or Size | Type | Matl. | Nom. Thk. | Reinforcement: Matl. | How Attached | Location |
|--------------------------------|-----|--------------|------------------|-------|-----------|----------------------|--------------|----------|
| | | | see attached U-4 | | | | | |

11. Supports: Skirt yes Lugs no Legs no Other Attached welded - head
(Yes or no) (No.) (No.) (Describe) (Where and How)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: IMPACT TESTS EXEMPT : PARA UG-20-F
(Name of part, item number, Mfg's. name and identifying stamp)

TYPE: vertical separator W.O.# 3159 ITEM # VS-2
CAPACITY: 22.8 CU. FT. (0.6 CU. METER) WEIGHT: 2000 LBS (909 KG)
HYDROTEST POSITION: horizontal

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. 14254 expires Oct, 28, 95
Date 17 Dec 92 Co. name LARSEN & D'AMIGO MFG. LTD. Signed W.C. Smith
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by LARSEN & D'AMIGO MFG. LTD. at 9805-51 Avenue Edmonton, AB
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Alberta and employed by Boiler & Pressure Vessel Safety
have inspected the component described in this Manufacturer's Data Report on Dec 17, 19 92, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
Date Dec 17 92 Signed [Signature] Commissions Alberta
(Authorized Inspector) (Not a Board Incl. Inspectors, State, Prov. and No.)

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET (A) 2813893
 As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by LARSEN & D'AMICO MFG. LTD. 9805-51AVE EDMONTON, AB. T6E 4W8
(Name and address of manufacturer)

Manufactured for Resman Oil & Gas Ltd. 4266-91 A Street Edmonton, AB T6E 5V2
(Name and address of purchaser)

3. Location of installation 6-36-37-18-W4M

4. Type VERT VS- 6711 K-8258.2 LD-2867A 1992
(Material, vent, tank, etc.) (Mfg's. serial No.) (CRN) (Des) (Wt'l. Bd. No.) (Year build)

| Purpose (Inlet, Outlet, Drain) | No. | Diem or Size | Type | Matl. | Nom Thk | Reinforcement Matl. | How Attached | Location |
|-----------------------------------|-----|-----------------|---------|--------|------------|------------------------|-----------------|----------|
| inlet | 1 | 2" | 300 flg | SA-105 | Sch 80 | - | weld | shell |
| outlet | 1 | 2" | 300 flg | SA-105 | Sch 80 | - | weld | shell |
| LC/insp | 1 | 8" | 300 flg | SA-105 | Sch 80 | - | weld | head |
| LSDH | 1 | 2" | NPT | SA-105 | 3000# | - | weld | shell |
| INSP | 1 | 2" | NPT | SA-105 | 3000# | - | weld | shell |
| LIQ OUT | 1 | 2" | 300 flg | SA-105 | Sch 80 | - | weld | shell |
| DRAIN | 1 | 2" | NPT | SA-105 | 3000# | - | weld | shell |
| TI | 1 | 3/4" | NPT | SA-105 | 3000# | - | weld | head |
| LG | 2 | 3/4" | NPT | SA-105 | 3000# | - | weld | shell |
| FI | 1 | 1/2" | NPT | SA0105 | 3000# | - | weld | shell |

WO# 3159- VS-2

Date 17 Dec 92 Co. name LARSEN & D'AMICO MFG. LTD. Signed we Smith we Smith
(Manufacturer) (Representative)

Date 17/92 Signed [Signature] Commission Alberta
(Authorized Inspector) (Nat. Board (C.A. address, name, State, Prov., and No.))

(12/62)