

STATIC EQUIPMENT INSPECTION REPORT - Exhibit # 300

COMPANY: Trident SIGMA JOB #: _____

District: Ft. Assiniboine Facility: Corbett Comp Lsd 15-10-62-6WS Skid: TEL 2187

Item Insp.: Low Temp Separator

VESSEL DATA

Equip#: / Serial #: 054468-106 ABSA#: 537290 CRN #: /
 Manuf: / Code/Div.: / Para: / Code Stamp: U
 Yr. Built: / Size: 36" X 180" Actual Est. Insulated: yes
 Service: Sweet PWHT: 10 R.T.: 1 Repairs: /

Nominal Thickness & Material

Head: _____	Material: _____	C.A. _____	Reasons: _____
Head: _____	_____	_____	_____
Shell: _____	_____	_____	Status: <input checked="" type="checkbox"/> IN SERVICE
Shell: _____	_____	_____	<input type="checkbox"/> OUT OF SERVICE
Channel HD: _____	_____	_____	Manway: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Channel SH: _____	_____	_____	Reason for Inspection
Boot HD: _____	_____	_____	<input checked="" type="checkbox"/> PLANNED - IN SERVICE
Boot SH: _____	_____	_____	<input type="checkbox"/> PROBLEM INVESTIGATION
MAWP Shell: <u>1300</u> <input checked="" type="checkbox"/> Psi <input type="checkbox"/> kPa	Temp: <u>150</u> <input checked="" type="checkbox"/> F <input type="checkbox"/> C		<input type="checkbox"/> PROCESS CHANGE
MAWP Tube: _____ <input type="checkbox"/> Psi <input type="checkbox"/> kPa	Temp: _____ <input type="checkbox"/> F <input type="checkbox"/> C		<input type="checkbox"/> COMMISSIONING
Comments _____			

PSV INFORMATION

Location: _____ S T P _____ S T P **S = SHELL SIDE**
T = TUBE SIDE
P = PIPING

Manufacturer: _____
 Serial #: _____
 PSV #: _____
 CRN: _____
 Model: _____
 Set Press: _____
 Capacity: _____
 Status: _____
 Inlet Size (mm): _____
 Outlet Size (mm): _____
 Conn Type (F/T): _____
 Serviced By: _____
 Last Service Date: _____

I/L Isolation valves sealed open: YES NO YES NO
 O/L Isolation valves sealed open: YES NO YES NO

Comments PSV Removed due to turn around

EXTERNAL VISUAL INSPECTION

ABSA#: 537290

SIGMA JOB #: _____

Remedial Action

- No Action Required
- Paint Repairs
- Repair Weld - S.R.
- Repair Weld - No S.R.
- Grind Out
- See Comments

Access & Coverage

- Poor Cleaning
- Partial Int. Inspection
- External Inspection
- NDE Inspection
 - MT UT
 - RT BH
 - PT Other _____

Other

- See Comments
- Ground Cable Y N
- Ladders/Handrail/Walkway Damage
- Nameplate Secure N
- Nameplate Legible N
- See Attached Pictures

Shell

- TOP
- BOTTOM
- Good Condition
- External Corr.
- Pitted - Light *NA*
- Pitted - Severe
- Scaled - Light
- Scaled - Heavy
- Blistered
- N/A Insulated

Nozzles

- Good Condition
- Cracked
- Scaled
- Plugged
- Poor Welding
- Leaking
- Seal Face Corrosion
- Bolts Missing/Loose/Damage
- Partial Int. Inspection

External Protection

- Good Condition
- Fireproofing Cracked
- Insulation Damaged
- Paint Deteriorated
- Corrosion Under Insulation (CUI)
- Asbestos YES NO
- Insulated YES NO

Welds

- Good Condition
- Corroded
- Cracked *NA*
- Broken
- Poor Quality

Supports

- Good Condition
- Distorted
- Cracked
- Broken
- Poor Installation
- Bolts Missing/Loose/Damaged
- Support Ring Damaged
- N/A

Heads

- TOP
- NORTH
- NA* WEST

- Good Condition
- External Corrosion
- Pitted - Light
- Pitted - Severe
- Scaled - Light
- Scaled - Heavy
- Blistered

Heads

- BTM
- SOUTH
- NA* EAST

- Good Condition
- External Corrosion
- Pitted - Light
- Pitted - Severe
- Scaled - Light
- Scaled - Heavy
- Blistered

Pressure Gauge

- Glass Intact
 - YES
 - NO
- Within Operating Limits *NA*
 - YES
 - NO
- Obvious Leaks
 - YES
 - NO

Vessel Repad

- N/A
- Vent Holes *NA*
 - 1
 - 2
- Plugged
 - YES
 - NO

PIPING - PSV

- Good Condition
- External Corrosion
- Pitted
- Supported
- Welded
- Threaded Fittings
- Deadlegs

PIPING - INLET

- Good Condition
- External Corrosion
- Pitted
- Supported
- Welded
- Threaded Fittings
- Deadlegs

PIPING - OUTLET/DRAIN

- Good Condition
- External Corrosion
- Pitted
- Supported
- Welded
- Threaded Fittings
- Deadlegs

Inspection Requested By: _____

Inspection Performed By: _____

Chief Inspector: _____

ECHO

Inspection Date: Aug 31 2010

Certification #: _____

Certification #: _____

EXTERNAL VISUAL INSPECTION

ABSA #: 537 290 SIGMA JOB#: _____

SUMMARY OBSERVATIONS (128 Character max.):

VESSEL IN GOOD CONDITION.

Vessel is fully insulated

SUMMARY RECOMMENDATIONS (128 Character max.):

- API 510 External Inspection confirmed the equipment is fit for continued service
- NOT FIT FOR SERVICE, DETAILS BELOW

DETAILED OBSERVATIONS (Memo Field):

DETAILED RECOMMENDATIONS (Memo Field):