



TAR/RG  
Project Number: 2615828  
Task Number: 809333 / 78461  
ABS ID:09172785

**Date:** 26 September 2011 (Revised: 27 September 2011)

**Facility Name:** DEVELOPMENT DRILLER III  
**Facility Type:** Column Stabilized Unit  
**Shipyard, Hull Number:** KEPPLE FELS LTD. , B288  
**Review Activity:** Design Review:  
Frac-Manifold Adapter, WIRELOC® 6WL40R

LTS, INC.  
11932 Brittmore Park Drive  
Houston, TX 77041  
United States

**ATTN : GREG BROWN**

We have your submittals beginning 21, July 2011 submitting copies of plans and documentation as listed therein on the above subject and with regard thereto have to advise that provided the details and arrangements be adhered to, the work is to the satisfaction of the Surveyors, and the Rules in all other respects are complied with, the same will be approved.

*The design of the subject equipment has been reviewed and found to be in compliance with "ABS 2006 Guide for the Certification of Drilling Systems", for the following conditions:*

<b>MAXIMUM WORKING PRESSURE:</b>	<b>15,000 PSI</b>
<b>TEST PRESSURE:</b>	<b>22,500 PSI</b>
<b>MINIMUM DESIGN TEMPERATURE:</b>	<b>-18 C (0 F)</b>
<b>MAXIMUM DESIGN TEMPERATURE:</b>	<b>121 C (250 F)</b>
<b>FATIGUE LIFE CYCLE:</b>	<b>65,430 MAXIMUM 15KSI-LOADING CYCLES</b>
<b>SERVICE:</b>	<b>HYDROGEN SULFIDE SERVICE</b>

An invoice to cover the cost of our review will follow under separate correspondence.

If we may be of further assistance, please feel free to contact Tyler Robbins at (281) 877-5836 or the undersigned at (281) 877-6374.

Very truly yours,

Mathew M. Chakala  
Managing Principal Engineer  
ABS Offshore Engineering Department – Equipment

By: \_\_\_\_\_  
Prudhviraaju Gadapa  
Principal Engineer  
ABS Offshore Engineering Department – Equipment

cc: ABS Houston w/ invoice



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#### DRAWINGS LIST

<b>Engineering Office:</b>	Houston OED - Equipment	
<b>Submitter:</b>	LTS, INC.	
<b>Drawing No</b>	<b>Revision No</b>	<b>Drawing Title</b>
H006040R-N930330	0	HUB, WELD NECK, WIRELOC® 6WL40R, 6.750"OD X 1.375" WT, 4.75" LG
M00077-006040-R93020	0	MATERIAL / INLAY, SEAT POCKET, WIRELOC® 6WL40R CRA, 9.50" OD X 3.50" ID X 5.00" LG
435057-106130-030210	0	ASSEMBLY, CLAMPSET WIRELOC® 6" (4-BOLT), STANDARD DUTY
B006040R-0M0300	0	HUB, BLIND / TEST, WIRELOC® - 6WL40R, 3.00" LG - 9/16" MP PORT