



10900 Corporate Centre Dr. (77041)
P.O. Box 1212
Houston, TX 77251-1212
Tel 281.901.3100
Fax 281.901.3240

11/11/2009

Safety Alert 22258
Reduced Fatigue Life of Packer for
18-3/4" 15K Type T/TL BOP CDVS Ram &
18-3/4" 10/15K Type UII BOP CDVS Ram

7766
Exhibit No. _____
Worldwide Court
Reporters, Inc.

This alert has been created to notify users of the 18-3/4" 15K Type T/TL BOP and 18-3/4" 10/15K UII BOP CDVS Rams that, during a recent Field Performance Report, it was found that these rams failed to hold their rated working pressure after 42 open/close cycles including six pressure cycles. This level of performance does not meet Cameron's fatigue life standards for ram packers. The inability of the rams to hold their full rated working pressure may result in damage or injury to equipment or persons. Until additional testing is completed, users should inspect closely or replace any CDVS ram elastomers that have been subjected to more than six pressure cycles and/or more than 42 open/close cycles. The following part numbers are affected by this alert:

| <u>Rams</u> | <u>Assemblies</u> | <u>Packer/Seals</u> |
|---------------|-------------------|---------------------|
| 2163118-03 | 2231864-01 | 2231541-01 |
| 2068934-01 | 2231864-02 | 2231544-01 |
| 2163118-04 | 2231864-03 | 2231547-01 |
| 2163118-05 | 2231864-04 | 644369-02-00-01 |
| 2163118-06 | 2231864-05 | |
| 2163118-07 | 2231864-06 | |
| 2163118-08 | 2231864-07 | |
| 2163118-09 | 2231864-08 | |
| 2163118-10 | 2231865-01 | |
| 2163118-11 | 2231865-02 | |
| 2163118-11-01 | 2232536-01 | |
| 2163118-12 | 2232536-02 | |
| 2163118-12-01 | 2232536-03 | |
| 2163118-19 | 2232536-04 | |
| 2163118-20 | 2232536-05 | |
| 2231862-01 | 2232536-06 | |
| 2231862-02 | 2232537-01 | |
| 2231862-03 | 2232537-02 | |
| 2231862-04 | 2232537-03 | |
| 2275349-01 | 2232537-04 | |
| 2275350-01 | 2232537-05 | |
| | 2232537-06 | |
| | 2265062-01 | |
| | 2275349-01 | |
| | 2275350-01 | |

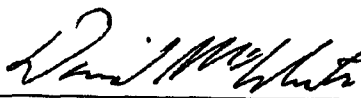


10900 Corporate Centre Dr. (77041)
P.O. Box 1212
Houston, TX 77251-1212
Tel 281.901.3100
Fax 281.901.3240

Cameron is working to improve the fatigue life of the ram assemblies and will inform equipment users when a solution is available.

Contact your local Cameron representative if you have any questions.

Authored:  Date: 11/16/09
Raul Araujo
Engineering Manager, Cameron Drilling Systems

Approved:  Date: 16 Nov 09
David McWhorter
Vice President, Engineering and Quality, Cameron Drilling Systems

In order to provide the most up to date information the following has been added to the safety alert:

Update 30/Nov/09: Testing over the last week has demonstrated that CDVS ram assemblies meet acceptable fatigue life standards when wellbore pressure is limited to 10,000 psi. Therefore, it is Cameron's recommendation that when redress is not possible after six full working pressure cycles the working pressure be limited at all times to 10,000 psi. We are working diligently to improve the fatigue life at 15,000 psi working pressure and will notify all users when this product improvement is concluded.