

DDS Completion Submission Enhancement**PACKER MODIFY****Effective Date April 1, 2012**

To more easily facilitate packer modification by industry without requiring a DDS amendment, Well Data Services will introduce a new packer operation 'MODIFY'

DESCRIPTION

A new Packer Operation of MODIFY [M] will allow industry to modify existing packer data through a DDS XML Submission or the DDS online form under the following scenarios:

1. Change an existing packer type code of any packer observation
2. Change an existing packer date as long as the new packer date is on or between the next shallowest and the next deepest packers where applicable
3. Change an existing packer depth as long as the new packer depth is between the next shallowest and the next deepest packers where applicable.
4. Changes can include packer type code, date and depth or any combination

PROCESS STEPS**1. XML Submission:**

- 1.1 In an XML Submission, the Packer Operation selected must be an 'M'
- 1.2 Identify the existing packer data to be modified within the <packerToModify>
</packerToModify> tag. Refer to lines 7 to 11 in the XML extract shown below.
- 1.3 Identify the updated packer data within lines 3 to 6 in the XML extract shown below.

```
<packers>
  <packer>
    <packerDate>19990711</packerDate>
    <packerOperation>M</packerOperation>
    <packerCode>1</packerCode>
    <packerDepth>1084</packerDepth>
    <packerToModify>
      <packerToModifyDate>19980711</packerToModifyDate>
      <packerToModifyCode>2</packerToModifyCode>
      <packerToModifyDepth>1084</packerToModifyDepth>
    </packerToModify>
  </packer>
</packers>
```

-OR-

2. Online Form Submission:

- 2.1 In the DDS online submission form, the Packer Operation selected must be "Modify"
- 2.2 Enter the existing data of the packer to be modified (i.e. date, type and depth).
- 2.3 Enter the packer data changes.

BUSINESS RULES

- The packer data to be modified must have a date, depth and type code that matches an existing packer record.
- When changing a packer date, the new packer date should be on or between the next shallowest and the next deepest packers where applicable.
- When changing a packer depth, the new packer depth should be between the next shallowest and the next deepest packers where applicable.
- Packer type code can be changed to any type code.
- Packer transaction MODIFY can include packer type code, date and depth or any combination.
- When a Packer Operation 'M' is selected, existing packer data must be entered. Packer date, depth and type code cannot be blank.
- In an XML submission, a Packer Operation 'S' (Set) or 'P' (Pull) cannot be selected when the <packerToModify> tags are populated with data.
- When the new packer depth or date changes the sequencing of the packer observations, a Packer Operation 'M' should not be submitted. In this case, a Packer Operation 'P' (Pull) and 'S' (Set) must be submitted instead.

EXAMPLE

Existing packer data:

Observation #	Date	Depth	Type
1	11 July 2010	1090	2 (Bridge Plug/Whipstock Packer)
2	12 July 2010	1085	2 (Bridge Plug/Whipstock Packer)
3	15 Mar 2011	505	3 (Cement Retainer)

MODIFY Packer Observation 2

- Change date between 11 July 2010 and 15 Mar 2011 inclusive, is allowed
- Change date before 11 July 2010 is not allowed
- Change date after 15 Mar 2011 is not allowed
- Change depth between 505.1mKB and 1089.9mKB inclusive, is allowed
- Change depth 505mKB and shallower is not allowed
- Change depth 1090mKB and deeper is not allowed
- Packer type code can change from 2 to 1, 3, 4 or 5