

SUBJECT 18

SUBJECT 18: Oil, Water or Gas Well Group

Re: Oil, Water or Gas Well Group

Contact: Larissa A. Franklin

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Proponent: Freight Classification Development Center

Quick View

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 18: Oil, Water or Gas Well Group

**Quick View:** Nineteen items subject to the Oil, Water or Gas Well Group are canceled with reference to a new item, which would provide a “viz.” format, and classes based on the FCDC’s 13-subprovision density scale.

- Three Notes canceled and reestablished attendant to the new item
- Two Notes canceled with no further application

Transportation Characteristics Present:

- Handling ☐Yes ☒No    Stowability ☐Yes ☒No    Liability ☐Yes ☒No    Density ☒Yes ☐No

Provisions based on:

- FCDC’s 13-subprovision density scale

## SUBJECT 18

Present Classification Provisions

| Item   | Description                                                                                                                                                                  | Class |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
|        | <b>OIL, WATER OR GAS WELL GROUP:</b> subject to item 142700                                                                                                                  |       |
| 142730 | <b>Adapters</b> , casing ..... 85                                                                                                                                            | 85    |
| 142790 | <b>Bits</b> , drilling, other than with industrial diamond tips, see Note, item 142793:                                                                                      |       |
| Sub 1  | NOI:                                                                                                                                                                         |       |
| Sub 2  | With carbide tips ..... 85                                                                                                                                                   | 85    |
| Sub 3  | Other than with carbide tips ..... 77.5                                                                                                                                      | 77.5  |
| Sub 4  | Rotary, with heads containing moving cutting devices:                                                                                                                        |       |
| Sub 5  | With carbide tips ..... 65                                                                                                                                                   | 65    |
| Sub 6  | Other than with carbide tips ..... 60                                                                                                                                        | 60    |
| 142793 | NOTE—See item 183845 for provisions applicable to drilling bits equipped with industrial diamond tips.                                                                       |       |
| 142940 | <b>Caps or Seals</b> , well pipe, rubber and steel combined, in boxes ..... 65                                                                                               | 65    |
| 142950 | <b>Casing Assemblies</b> , see Note, item 142952 ..... 65                                                                                                                    | 65    |
| 142952 | NOTE—Applies only on assemblies consisting of iron or steel pipe and steel shafting, one within the other, with or without bearings or bushings.                             |       |
| 143050 | <b>Clamps or Grips</b> , anchor, casing, pipe, polished rod or pull rod ..... 65                                                                                             | 65    |
| 143090 | <b>Derrick Cranes</b> , KD, loose ..... 77.5                                                                                                                                 | 77.5  |
| 143190 | <b>Gauges</b> , bit, in packages ..... 100                                                                                                                                   | 100   |
| 143250 | <b>Heads</b> , casing control ..... 77.5                                                                                                                                     | 77.5  |
| 143270 | <b>Heads</b> , casing, NOI ..... 70                                                                                                                                          | 70    |
| 143290 | <b>Inserts, Teeth or Tips</b> , cutting, rotary drilling bit, see Note, item 143291, carbide steel, in boxes ..... 55                                                        | 55    |
| 143291 | NOTE—Applies on inserts, teeth or tips that are integral parts of rotary drilling bits having heads containing moving cutting devices.                                       |       |
| 143330 | <b>Jacks</b> , oil well pumping, KD, <b>or Parts</b> , iron or wooden ..... 70                                                                                               | 70    |
| 143470 | <b>Machine Parts</b> , rotary well drilling, NOI, iron, see Note, item 143472:                                                                                               |       |
| Sub 1  | Loose or on skids if weighing each less than 50 pounds, or in bundles .... 100                                                                                               | 100   |
| Sub 2  | Loose or on skids if weighing each 50 pounds or over, or in boxes, crates or drums ..... 92.5                                                                                | 92.5  |
| 143472 | NOTE—Will also apply on parts made of a combination of iron or steel and other metals provided the weight of the other metals does not exceed 5 percent of the total weight. |       |
| 143500 | <b>Material</b> , sealing, oil or gas well drilling, consisting of fibers or fibers combined with other components, see Note, item 143501:                                   |       |
| Sub 1  | In bags or in bales not machine pressed ..... 85                                                                                                                             | 85    |
| Sub 2  | In machine pressed bales ..... 70                                                                                                                                            | 70    |
| 143501 | NOTE—Applies on material used to seal the walls of the bore hole to prevent the loss of the drilling fluid from the hole into the formation.                                 |       |

## SUBJECT 18

Present Classification Provisions—Concluded

| Item   | Description                                                                                                         | Class |
|--------|---------------------------------------------------------------------------------------------------------------------|-------|
|        | <b>OIL, WATER OR GAS WELL GROUP:</b> subject to item 142700                                                         |       |
| 143630 | <b>Plugs</b> , cementing, in packages:                                                                              |       |
| Sub 1  | Wood and rubber, or wood, rubber and leather combined .....                                                         | 92.5  |
| Sub 2  | Rubber or rubber and plastic combined .....                                                                         | 77.5  |
| 143730 | <b>Powers</b> , pumping, in packages or on skids .....                                                              | 85    |
| 143750 | <b>Protectors</b> , box and pin ( <b>Thread Protectors</b> ), iron or steel, in packages or<br>wired together ..... | 55    |
| 143770 | <b>Protectors</b> , pipe or casing, rubber, in boxes .....                                                          | 77.5  |
| 143870 | <b>Rods</b> , polished or valve, in packages .....                                                                  | 77.5  |
| 144250 | <b>Well Points or Well Strainers or Well Screens</b> , in boxes or crates:                                          |       |
| Sub 1  | Brass or bronze .....                                                                                               | 77.5  |
| Sub 2  | Iron or steel .....                                                                                                 | 70    |
| Sub 3  | Iron or steel and brass or bronze combined .....                                                                    | 70    |
| Sub 4  | Nickel-copper .....                                                                                                 | 125   |
| Sub 5  | Plastic, filled with silica .....                                                                                   | 70    |

Proposed Classification Provisions

| Item   | Description                                                                  | Class                      |
|--------|------------------------------------------------------------------------------|----------------------------|
|        | <b>OIL, WATER OR GAS WELL GROUP:</b> subject to item 142700                  |                            |
| 142730 | <b>Adapters</b> , casing .....                                               | ⇒Cancel; see<br>item A-NEW |
| 142790 | <b>Bits</b> , drilling, other than with industrial diamond tips, etc.....    | ⇒Cancel; see<br>item A-NEW |
| 142793 | NOTE—⇒Cancel; see item B-NEW.                                                |                            |
| 142940 | <b>Caps or Seals</b> , well pipe, rubber and steel combined, etc .....       | ⇒Cancel; see<br>item A-NEW |
| 142950 | <b>Casing Assemblies</b> , etc .....                                         | ⇒Cancel; see<br>item A-NEW |
| 142952 | NOTE—⇒Cancel; no further application.                                        |                            |
| 143050 | <b>Clamps or Grips</b> , anchor, casing, pipe, polished rod or pull rod..... | ⇒Cancel; see<br>item A-NEW |
| 143090 | <b>Derrick Cranes</b> , KD, etc .....                                        | ⇒Cancel; see<br>item A-NEW |
| 143190 | <b>Gauges</b> , bit, etc .....                                               | ⇒Cancel; see<br>item A-NEW |
| 143250 | <b>Heads</b> , casing control.....                                           | ⇒Cancel; see<br>item A-NEW |
| 143270 | <b>Heads</b> , casing, NOI .....                                             | ⇒Cancel; see<br>item A-NEW |

## SUBJECT 18

**Proposed Classification Provisions—Continued**

| Item   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Class                           |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
|        | <b>OIL, WATER OR GAS WELL GROUP:</b> subject to item 142700                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                 |
| 143290 | <b>Inserts, Teeth or Tips</b> , cutting, rotary drilling bit, see Note, item 143291, carbide steel, etc ..... ⇒                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cancel; see item A-NEW          |
| 143291 | NOTE—⇒                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Cancel; see item C-NEW.         |
| 143330 | <b>Jacks</b> , oil well pumping, KD, <b>or Parts</b> , iron or wooden ..... ⇒                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Cancel; see item A-NEW          |
| 143470 | <b>Machine Parts</b> , rotary well drilling, NOI, iron, etc ..... ⇒                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Cancel; see item A-NEW          |
| 143472 | NOTE—⇒                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Cancel; no further application. |
| 143500 | <b>Material</b> , sealing, oil or gas well drilling, consisting of fibers or fibers combined with other components, etc ..... ⇒                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cancel; see item A-NEW          |
| 143501 | NOTE—⇒                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Cancel; see item D-NEW.         |
| 143630 | <b>Plugs</b> , cementing, etc ..... ⇒                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Cancel; see item A-NEW          |
| 143730 | <b>Powers</b> , pumping, etc ..... ⇒                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Cancel; see item A-NEW          |
| 143750 | <b>Protectors</b> , box and pin ( <b>Thread Protectors</b> ), iron or steel, etc..... ⇒                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Cancel; see item A-NEW          |
| 143770 | <b>Protectors</b> , pipe or casing, rubber, etc..... ⇒                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Cancel; see item A-NEW          |
| 143870 | <b>Rods</b> , polished or valve, etc..... ⇒                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Cancel; see item A-NEW          |
| 144250 | <b>Well Points or Well Strainers or Well Screens</b> , etc..... ⇒                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Cancel; see item A-NEW          |
| ⇒A-NEW | <b>Oil, Water or Gas Well, viz.:</b><br><b>Adapters</b> , casing, in packages;<br><b>Bits</b> , drilling, other than with industrial diamond tips, see Note, item B-NEW, in packages;<br><b>Caps or Seals</b> , well pipe, rubber and steel combined, in boxes;<br><b>Casing Assemblies</b> , in packages;<br><b>Clamps or Grips</b> , anchor, casing, pipe, polished rod or pull rod, in packages;<br><b>Derrick Cranes</b> , in packages;<br><b>Gauges</b> , bit, in packages;<br><b>Heads</b> , casing, NOI, in packages;<br><b>Inserts, Teeth or Tips</b> , cutting, rotary drilling bit, see Note, item C-NEW, in boxes;<br><b>Jacks</b> , oil well pumping, <b>or Parts thereof</b> , in packages;<br><b>Machine Parts</b> , rotary well drilling, in boxes, bundles or crates or on lift truck skids or pallets; |                                 |

SUBJECT 18

Proposed Classification Provisions—Concluded

| Item   | Description                                                                                                                                                        | Class |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
|        | <b>OIL, WATER OR GAS WELL GROUP:</b> subject to item 142700                                                                                                        |       |
|        | <b>Oil, Water or Gas Well, viz.:</b> subject to item A-NEW                                                                                                         |       |
|        | <b>Material</b> , sealing, oil or gas well drilling, consisting of fibers or fibers combined with other components, see Note, item D-NEW, in bags, bales or boxes; |       |
|        | <b>Plugs</b> , cementing, in packages;                                                                                                                             |       |
|        | <b>Powers</b> , pumping, in packages;                                                                                                                              |       |
|        | <b>Protectors</b> , box and pin ( <b>Thread Protectors</b> ), in packages;                                                                                         |       |
|        | <b>Protectors</b> , pipe or casing, rubber, in boxes;                                                                                                              |       |
|        | <b>Rods</b> , polished or valve, in packages;                                                                                                                      |       |
|        | <b>Well Points or Well Strainers or Well Screens</b> , in boxes or crates;                                                                                         |       |
|        | Subject to Item 170 and having a density in pounds per cubic foot of:                                                                                              |       |
| Sub 1  | Less than 1 .....                                                                                                                                                  | 400   |
| Sub 2  | 1 but less than 2 .....                                                                                                                                            | 300   |
| Sub 3  | 2 but less than 4 .....                                                                                                                                            | 250   |
| Sub 4  | 4 but less than 6 .....                                                                                                                                            | 175   |
| Sub 5  | 6 but less than 8 .....                                                                                                                                            | 125   |
| Sub 6  | 8 but less than 10 .....                                                                                                                                           | 100   |
| Sub 7  | 10 but less than 12 .....                                                                                                                                          | 92.5  |
| Sub 8  | 12 but less than 15 .....                                                                                                                                          | 85    |
| Sub 9  | 15 but less than 22.5 .....                                                                                                                                        | 70    |
| Sub 10 | 22.5 but less than 30 .....                                                                                                                                        | 65    |
| Sub 11 | 30 but less than 35 .....                                                                                                                                          | 60    |
| Sub 12 | 35 but less than 50 .....                                                                                                                                          | 55    |
| Sub 13 | 50 or greater .....                                                                                                                                                | 50    |
| ⇒B-NEW | NOTE—Does not apply on drilling bits equipped with industrial diamond tips. For applicable provisions, see item 183845.                                            |       |
| ⇒C-NEW | NOTE—Applies on inserts, teeth or tips that are integral parts of rotary drilling bits having heads containing moving cutting devices.                             |       |
| ⇒D-NEW | NOTE—Applies on material used to seal the walls of the bore hole to prevent the loss of the drilling fluid from the hole into the formation.                       |       |

Analysis

**Introduction**

Nineteen items subject to the Oil, Water or Gas Well Group, as shown in the Present Classification Provisions herein, name particular commodities that can be difficult to interpret, apply, or verify.

**SUBJECT 18****Transportation Characteristics**

**Handling, Stowability, and Liability**—There have been no reports of unusual or significant handling, stowability, or liability issues. Therefore, density has been identified as the primary transportation characteristic.

**Conclusion**

Based on the foregoing analysis, nineteen items subject to the Oil, Water or Gas Well Group would be canceled with reference to a new item, which would provide a “viz.” format, and classes predicated on the FCDC’s standard 13-subprovision density scale<sup>20</sup>.

Concurrently, three Notes would be canceled and reestablished attendant to the new item to clarify the application of the articles within the “viz.,” and two Notes would be canceled with no further application.

The proposed minimum packaging requirements would ensure that freight is adequately protected and can be handled and stowed in a manner that is reasonably safe and practicable so as to withstand the normal rigors of the less-than-truckload environment.

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<sup>20</sup> The FCDC’s 13-subprovision density scale includes reference to Item (Rule) 170, the inadvertence clause.