

Topock Suction Line Hydro Test Correction/Clarification Summary – September 9, 2011

Test Package A1

- a. STPR - Corrected STPR to reflect additional 4.500" pipe LF tested per updated Test Sketch Page 10 of 10 dated August 24, 2011
- b. Test Sketch Page 7 of 10 – Corrected 30.5" piping BOM to match actual cut length of test segment.
- c. Duplicate Test Sketch Page 10 of 10, dated August 20, 2011 – Obsolete
- d. Test Sketch Page 10 of 10, dated August 24, 2011 – Updated test boundary designations and 4.500" LF.

Test Package A3

- a. STPR - 30.50" LF updated to show removal of 30.50" expansion sleeve footage as test footage.
- b. Test Sketch Page 6 of 12 updated to clarify 30.50" expansion sleeve not shown and not in test.

Test Package K5 & K6 Suction Bottles

- a. STPR - Adjusted 10.750" and 8.625" LF to show actual vessel boundary LF tested.
- b. Dimensioned bottle test sketch to show individual vessel LF boundaries
- c. Clarified bottle sketch for vessel internals only/not for test.

Test Package B-1

- a. STPR – Adjusted 4.500" and 2.375" OD x 0.218" W.T. LF to reflect actual line footage tested.
- b. Test Sketch Page 3 of 9 – added BOM Mark 1 and cut length <D> designator.
- c. Test Sketch Page 7 of 9 – corrected 4.500" BOM LF to reflect cut length.
- d. Test Sketch Page 8 of 9 – added cut length designators and cut length LF for 2.375" OD x 0.218" W.T. LF piping in test.
- e. Test Sketch Page 9 of 9 – added cut length designators and cut length LF for 2.375" OD x 0.218" W.T. LF piping in test.

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Test Package B2-2

- a. STPR – raised max allowable test pressure, SMYS at maximum test pressure, and maximum allowable test pressure at test point to allow for test pressure spike indicated on test chart during pressure pumping as noted on BH test log.

Test Package B3

- a. STPR – Adjusted 30.50" and 6.625" to reflect actual line footage on test sketches.
- b. Test Sketch Page 4 of 10 - 30.50" LF updated to show removal of 30.50" expansion sleeve footage as test footage.
- c. Test Sketch Sheet 5 of 10 - Corrected 30.50" line size for cut length <D> - was 16".
- d. Test Sketch Sheet 10 of 10 –added cut lengths for 2.375" piping shown.

Test Package K7 & K8 Suction Bottles

- a. STPR - Adjusted 10.750" and 8.625" LF to show actual vessel boundary LF tested.
- b. Dimensioned bottle test sketch to show individual vessel LF boundaries.
- c. Clarified bottle sketch for vessel internals only/not for test.

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Approved – Name and Title

9/9/2011

Date

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