



Citation and Notification of Penalty

Company Name: Halliburton, Inc.

Inspection Site: Kodiak oil site, KOALA 154-97-15-34-27-1H3, 21 miles north on Hwy 1806 to mile marker 290 & west 4 miles, Watford City, ND 58854

Citation 1 Item 1 Type of Violation: **Serious**

Section 5(a)(1): The employer did not furnish employment and a place of employment which were free from recognized hazards that were causing or likely to cause death or serious physical harm to employees in that employees were exposed to struck-by hazards:

(a) On or about January 19, 2013, for employees engaged in well servicing operations including but not limited to fracturing operations where the employer failed to secure, restrain and/or anchor the open-end of the bleed-off valve discharge line (pressure line) from movement, resulting in struck-by hazards from the uncontrolled movement at the Kodiak oil site, KOALA 154-97-15-34-27-1H3, Watford City, ND.

(b) On or about January 19, 2013, for employees engaged in well servicing operations including but not limited to fracturing operations where the employer failed to secure, restrain and/or anchor each section of a high pressure rigid line from movement should the line fail, resulting in struck-by hazards from the uncontrolled movement at the Kodiak oil site, KOALA 154-97-15-34-27-1H3, Watford City, ND.

Abatement Note: Among other methods, feasible and acceptable abatement methods to correct the hazard would be for the employer to secure and/or restrain the open-end, bleed-off valve of discharge lines (pressure lines) from movement in accordance with (API) American Petroleum Institute Recommended Practice 54, Third Edition, "Recommended Practice for Occupational Safety for Oil and Gas Well Drilling and Servicing Operations", section 12.4, DISCHARGE LINE (TEMPORARY TREATING OR CEMENTING LINES), subsection 12.4.3, which states: "When using an open-ended flow line to flow or bleed-off a well, the line should be secured at the wellhead, at the end of the flow line, and at intermediate intervals along the line to secure each joint. The flow line should be anchored prior to opening the wellhead control valve." and section 9.13, PRESSURE EQUIPMENT, subsection 9.13.3 which states: "Each section of a high pressure rigid line should be secured using appropriate means to prevent movement should the line fail. Flexible high pressure hoses should be properly secured to prevent unsafe movement. Other suspended hydraulic, air, or electrical lines should be appropriately secured."

U.S. Department of Labor
Occupational Safety and Health Administration

Inspection Number: 839883
Inspection Date(s): 01/22/2013 - 01/22/2013
Issuance Date: 07/10/2013



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Inspection Site: Kodiak oil site, KOALA 154-97-15-34-27-1H3, 21 miles north on Hwy 1806 to mile marker 290 & west 4 miles, Watford City, ND 58854

Abatement Note: Abatement certification and documentation are required for this item (see enclosed "Sample Abatement Certification Letter").

Date By Which Violation Must be Abated:
Proposed Penalty:

07/22/2013
\$7000.00

See pages 1 through 4 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

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Citation 1 Item 2 Type of Violation: **Serious**

Section 5(a)(1): The employer did not furnish employment and a place of employment which were free from recognized hazards that were causing or likely to cause death or serious physical harm to employees in that employees were exposed to struck-by hazards:

(a) On or about January 19, 2013, for employees engaged in well servicing operations including but not limited to fracturing operations where the employer failed to control the release of stored energy from an open-end, bleed-off valve of a discharge line (pressure line), resulting in struck-by hazards from the uncontrolled movement at the Kodiak oil site, KOALA 154-97-15-34-27-1H3, Watford City, ND.

Abatement Note: One feasible and acceptable abatement method to correct the hazard would be for the employer to ensure personnel perform lockout/tagout procedures on the bleed-off valve of the discharge line (pressure line) to control the energy in accordance with (API) American Petroleum Institute Recommended Practice 54, Third Edition, "Recommended Practice for Occupational Safety for Oil and Gas Well Drilling and Servicing Operations", section 6.9, LOCKOUT/TAGOUT, subsection 6.9.1b which states: "Personnel should be trained and disciplined in the use of this system to prevent unexpected operation of any equipment that stores any type of energy that might inflict injury to personnel."

Abatement Note: Abatement certification and documentation are required for this item (see enclosed "Sample Abatement Certification Letter").

Date By Which Violation Must be Abated:

07/22/2013

Proposed Penalty:

\$7000.00


Eric R. Brooks
Area Director