

Utah

Utah Labor Commission

Occupational Safety and Health Division
160 East 300 South
P O box 146650
Salt Lake City, UT 84114-6650
Phone: (801)530-6901 FAX: (801)530-7606

Citation and Notification of Penalty

To:
Patterson UTI Drilling Co.

and its successors
PO Box 1416
Snyder, TX 79550

Inspection Number: 306617655
Inspection Date(s): 01/14/2005 - 04/15/2005

Issuance Date: 06/02/2005

Inspection Site:
45 miles south of Ouray, Ute Tribe 1322-1319
Ouray, UT 84026

The violation(s) described in this Citation and Notification of Penalty is (are) alleged to have occurred on or about the day(s) the inspection was made unless otherwise indicated within the description given below.

This Citation and Notification of Penalty (this Citation) describes violations of the Occupational Safety and Health Act of 1973. The penalty(ies) listed herein is (are) based on these violations. You must abate the violations referred to in this Citation by the dates listed and pay the penalties proposed, unless within 30 calendar days (excluding holidays) from your receipt of this Citation and Notification of Penalty you mail a notice of contest to the Adjudication Division of the Utah Labor Commission at 160 East 300 South, 3rd Floor, Salt Lake City, UT 84114-6615. Please refer to the enclosed booklet which outlines your rights and responsibilities and which should be read in conjunction with this form. Issuance of this Citation does not constitute a finding that a violation of the Act has occurred unless there is a failure to contest as provided for in the Act or, if contested, unless this Citation is affirmed by the Review Commission or a court.

Posting - The law requires that a copy of this Citation and Notification of Penalty be posted immediately in a prominent place at or near the location of the violation(s) cited herein, or, if it is not practicable because of the nature of the employer's operations, where it will be readily observable by all affected employees. This Citation must remain posted until the violation(s) cited herein has (have) been abated, or for 3 working days (excluding weekends and holidays), whichever is longer. **The penalty dollar amounts need not be posted and may be marked out or covered up prior to posting.**

Informal Conference - An informal conference is not required. However, if you wish to have such a conference you may request one with the Compliance Manager during the 30 calendar day contest period. During such an informal conference you may present any evidence or views which you believe would support an adjustment to the citation(s) and/or penalty(ies).

If you are considering a request for an informal conference to discuss any issues related to this Citation and Notification of Penalty, you must take care to schedule it early enough to allow time to contest after the informal conference, should you decide to do so. Please keep in mind that a written letter of intent to contest must be submitted to the Adjudication Division within 30 working days of your receipt of this Citation. The running of this contest period is not interrupted by an informal conference.

If you decide to request an informal conference, please complete, remove and post the page 4 Notice to Employees next to this Citation and Notification of Penalty as soon as the time, date, and place of the informal conference have been determined. Be sure to bring to the conference any and all supporting documentation of existing conditions as well as any abatement steps taken thus far. If conditions warrant, we can enter into an informal settlement agreement which amicably resolves this matter without litigation or contest.

Right to Contest - You have the right to contest this Citation and Notification of Penalty. You may contest all citation items or only individual items. You may also contest proposed penalties and/or abatement dates without contesting the underlying violations. Unless you inform the Adjudication Division in writing that you intend to contest the citation(s) and/or proposed penalty(ies) within 30 calendar days after receipt, the citation(s) and the proposed penalty(ies) will become a final order of the Utah Labor Commission and may not be reviewed by any court or agency.

Penalty Payment - Penalties are due within 30 working days of receipt of this notification unless contested. Make your check or money order payable to "Utah Labor Commission". Please indicate the Inspection Number on the remittance.

UOSH does not agree to any restrictions or conditions or endorsements put on any check or money order for less than the full amount due, and will cash the check or money order as if these restrictions, conditions, or endorsements do not exist.

Notification of Corrective Action - For each violation which you do not contest, you are required by 29 CFR 1903.19 to submit an Abatement Certification to the Compliance Manager at the address identified above. The certification must be sent by you within 30 calendar days of receipt of citation. For **Willful, Repeat and Serious** violations, documents (example: photos, copies of receipts, training records, etc.) demonstrating that abatement is complete must accompany the certification. Where the citation is classified as **Other Than Serious** and the citations states that abatement documentation is required, documents such as those described above are required to be submitted along with the abatement certificate. If the citation indicates that the violation was corrected during the inspection, no abatement certification is required for that item.

For each citation where you do contest the violation or the abatement date, your obligation to submit abatement certification and any documents is delayed until the contest has expired. See 29 CFR 1903.19 for more information.

All abatement verification documents must contain the following information: 1) Your name and address; 2) the inspection number (found on the front page); 3) the citation and citation item number(s) to which the submission relates; 4) a statement that the information is accurate; 5) the signature of the employer or employer's authorized representative; 6) the date the hazard was corrected; 7) a brief statement of how the hazard was corrected; and 8) a statement that affected employees and their representatives have been informed of the abatement.

The law also requires a copy of all abatement verification documents, required by 29 CFR 1903.19 to be sent to UOSH, also be posted at the location where the violation appeared and the corrective action took place.

Employer Discrimination Unlawful - The law prohibits discrimination by an employer against an employee for filing a complaint or for exercising any rights under this Act. An employee who believes that he/she has been discriminated against may file a complaint no later than 30 days after the discrimination occurred with the Utah Occupational Safety and Health Division of the Labor Commission and to the U.S. Department of Labor Region 8 Area Office.

Employer Rights and Responsibilities - The enclosed booklet outlines additional employer rights and responsibilities and should be read in conjunction with this notification.

Notice to Employees - The law gives an employee or his/her representative the opportunity to object to any abatement date set for a violation if he/she believes the date to be unreasonable. The contest must be mailed to the UOSH Division at the address shown above and postmarked within 30 working days (excluding weekends and holidays) of the receipt by the employer of this Citation and Notification of Penalty.

Inspection Activity Data - you should be aware that OSHA publishes information on UOSH's inspection and citation activity on the Internet under the provisions of the Electronic Freedom of Information Act. The information related to your inspection will be available 7 calendar days after the Citation Issuance Date. You are encouraged to review the information concerning your establishment at www.OSHA.GOV. If you have any dispute with the accuracy of the information displayed, please contact this office.

NOTICE TO EMPLOYEES OF INFORMAL CONFERENCE

An informal conference has been scheduled with UOSH to discuss the citation(s) issued on 06/02/2005. The conference will be held at the UOSH office located at 160 East 300 South, P O box 146650, Salt Lake City, UT, 84114-6650 on _____ at _____.

Employees and/or representatives of employees have a right to attend an informal conference.

Citation and Notification of Penalty

Company Name: Patterson UTI Drilling Co.
Inspection Site: 45 miles south of Ouray, Ute Tribe 1322-1319, Ouray, UT 84026

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

UAC R614-1-5D.3.: Management shall inspect or designate a competent person or persons to inspect frequently for unsafe conditions and practices, defective equipment and materials, and where such conditions are found to take appropriate action to correct such conditions immediately.

(A) On January 13, 2005, at Patterson Rig 104, Ute Tribe 1322-1319, an employee of Patterson-UTI Drilling Company was fatally injured when struck by a bridle line (approximately 1-7/8" in diameter) after it had become hung up on a small ear. The investigation revealed that the on-site management directed employees to go up on top of the derrick to attempt to manually free the line which was under significant tension. Several attempts were made to free the line and then it finally popped off of the ear, striking the employee in the head. It was concluded that management did not inspect or identify the unsafe conditions or practices at that time. Besides the employee fatally injured, there were at least two other employees exposed to the hazard of being struck by the cable.

Date By Which Violation Must be Abated:
Proposed Penalty:

06/10/2005
\$ 7000.00

Citation and Notification of Penalty

Company Name: Patterson UTI Drilling Co.
Inspection Site: 45 miles south of Ouray, Ute Tribe 1322-1319, Ouray, UT 84026

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

UAC R614-2-1.K.1.: 29 CFR 1910 and 1926 and standards of the American National Standards Institute, National Fire Protection Association, National Electric Code, and other consensus standards are incorporated by reference, or when referenced in this UOSH standard, shall have the same force and effect as other standards, rules, or regulations.

(A) On January 13, 2005, at Patterson Rig 104, Ute Tribe 1322-1319, an employee of Patterson-UTI Drilling Company was fatally injured when struck by a bridle line (approximately 1-7/8" in diameter) after it had become hung up on a small ear. The investigation revealed that the on-site management directed employees to go up on top of the derrick to attempt to manually free the line which was under significant tension. Several attempts were made to free the line and then it finally popped off of the ear, striking the employee in the head. It was concluded that management did not observe the hazardous working conditions and make the appropriate corrections.

The American Petroleum Institute (API) "Recommended Practices for Occupational Safety for Oil and Gas Well Drilling and Servicing Operations". API Recommended Practice 54, Third Edition, August 1999:

1.3 RESPONSIBILITY

"...At all times, specific work activity being performed should be under the immediate supervision of an authorized person who has the authority to commence, modify, or cease the work methods or operations, as necessary, to ensure the safety of affected personnel. The authorized person should observe changing conditions and improve, whenever required, the work methods to promote increased protection for the personnel."

(B) The investigation of the incident on January 13, 2005, revealed that the employees should not have been up in the derrick under the circumstances described in paragraph (A) above.

The American Petroleum Institute (API) "Recommended Practices for Occupational Safety for Oil and Gas Well Drilling and Servicing Operations". API Recommended Practice 54, Third Edition, August 1999:

9.2 DERRICKS AND MASTS

9.2.11 "During instances of unusual loading of the derrick or mast, such as when making any unusually hard pull, only the driller or other essential supervisory personnel should be on the rig floor, and no one should be in the derrick, mast, or cellar."

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

Utah Labor Commission
Division of Occupational Safety and Health

Inspection Number: 306617655
Inspection Dates: 01/14/2005 - 04/15/2005
Issuance Date: 06/02/2005

Citation and Notification of Penalty

Company Name: Patterson UTI Drilling Co.
Inspection Site: 45 miles south of Ouray, Ute Tribe 1322-1319, Ouray, UT 84026

Date By Which Violation Must be Abated:

06/10/2005

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

Utah Labor Commission

Division of Occupational Safety and Health

Inspection Number: 306617655

Inspection Dates: 01/14/2005 - 04/15/2005

Issuance Date: 06/02/2005

Citation and Notification of Penalty

Company Name: Patterson UTI Drilling Co.

Inspection Site: 45 miles south of Ouray, Ute Tribe 1322-1319, Ouray, UT 84026

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

UAC R614-1-7.B.1.: Each employer shall post and keep posted notices, to be furnished by the Administrator, informing employees of the protections and obligations provided for in the Act, and that for assistance and information, including copies of the Act and of specific safety and health standards, employees should contact their employer or the office of the Administrator. Such notices shall be posted by the employer in each establishment in a conspicuous place where notices to employees are customarily posted. Each employer shall take steps to insure that such notices are not altered, defaced, or covered by other material.

(A) On January 14, 2005, while walking through Patterson-UTI Drilling Rig #104, it was noted that the occupational safety and health poster in the "doghouse" was the Federal poster. No UOSH poster was observed. Employers in the state of Utah are required to keep the UOSH poster because the reporting requirements are different than the Federal requirements. UOSH posters were later given to the employer.

Date By Which Violation Must be Abated:

06/08/2005

Proposed Penalty:

\$ 0.00



Tori Burns
Compliance Manager

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

Utah Labor Commission
Occupational Safety and Health Division
300 South
146650
Salt Lake City, UT 84114-6650
Phone: (801)530-6901 FAX: (801)530-7606

INVOICE/ DEBT COLLECTION NOTICE

Company Name: Patterson UTI Drilling Co.
Inspection Site: 45 miles south of Ouray, Ute Tribe 1322-1319, Ouray, UT 84026
Issuance Date: 06/02/2005

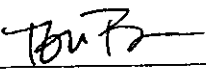
Summary of Penalties for Inspection Number 306617655

Citation 1, Serious	= \$	7000.00
Citation 2, Other	= \$	0.00
TOTAL PROPOSED PENALTIES	= \$	7000.00

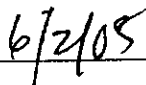
To avoid additional charges, please remit payment promptly to this Office for the total amount of the uncontested penalties summarized above. Make your check or money order payable to:
"Utah Labor Commission". Please indicate UOSH's Inspection Number (indicated above) on the remittance.

UOSH does not agree to any restrictions or conditions or endorsements put on any check or money order for less than full amount due, and will cash the check or money order as if these restrictions, conditions, or endorsements do not exist.

In accordance with Utah State policy, penalties not collected will be turned over to the Utah Attorney General's Office for collection. The Attorney General's office may assess interest, delinquent charges, and administrative costs for the collection of delinquent penalty debts for violations of the Occupational Safety and Health Act.



Tori Burns
Compliance Manager



Date

CERTIFICATION OF CORRECTIVE ACTION WORKSHEET

Company Name: Patterson-UTI Drilling Co.
Inspection Site: 45 mi. south of Ouray, Ute Tribe 1322-1319, Ouray, UT, 84026
Issuance Date: June 2, 2005

List the specific method of correction for each item on this citation in this package that does not read "Corrected During Inspection" and return this page with the signed Informal Settlement Agreement (if included) to: Utah Labor Commission - Occupational Safety and Health Division, 160 East 300 South, P.O. Box 146650, SLC, UT 84114-6650.

NAME OF COMPANY OFFICIAL

DATE _____

TITLE

ABATEMENT CERTIFICATION

Tori L. Burns, Compliance Manager
Utah Labor Commission - Occupational Safety and Health Division

Patterson-UTI Drilling Co.
PO Box 1416
Snyder, TX 79550

The hazard referenced in Inspection Number 306617655 for the violation identified as Citation 1 and Item 1a was corrected on _____ by _____.

The hazard referenced in Inspection Number 306617655 for the violation identified as Citation 1 and Item 1b was corrected on _____ by _____.

The hazard referenced in Inspection Number 306617655 for the violation identified as Citation 2 and Item 1 was corrected on _____ by _____.

I attest that the information contained in this document is accurate and that the affected employees and their representatives have been informed of the abatement activities described in this certification.

Signature

Typed or Printed Name



Inspection Report

Thursday 5:09pm

Assignment Nr.	CSHO ID	Supervisor ID	Inspection Nr.	Opt. Insp. Nr.
307041608	D2501	H0424	306617655	

Establishment Name	Patterson UTI Drilling Co.				
Address	45 miles south of Ouray, Ute Tribe 1322-1319	Site Phone	(303) 210-0373	Site FAX	
Drilling Address	PO Box 1416	Mail Phone	(325) 574-6300	Mail FAX	
Drilling Address	Snyder, TX 79550				
Controlling Corp	Pstterson UTI Drilling	Employer ID	752899874		
Ownership	A. Private Sector	City	1405	County	047
Legal Entity	A. Corporation	Previous Activity (State Only)			

Related Activity					
Type	Number	Satisfied	Type	Number	Satisfied
R. Referral	201565710	Safety			

Employed in Establishment	425	Advance Notice?	No	Category	S. Safety
Covered By Inspection	6	Union?	No	Primary SIC	1381
Controlled By Employer	3000	Walkaround?	Yes	Secondary SIC	
		Interviewed? (State only)	Yes	Inspected (State Only)	

OSHA-200 Log Entries	Not Available	Year		LWDI Rate	
----------------------	---------------	------	--	-----------	--

Inspection Type	A. Fatality/Catastrophe	Reason No Inspection	
Scope of Inspection	B. Partial Inspection		
Classification	Safety Planning Guide/Manufacturing		

Anticipatory Warrant Served?	No	Denial Date	Date ReEntered	Date ReDenied	ReEntered
Anticipatory Subpoena Served?	No				

Entry	01/14/05	First Closing Conference	04/15/05
Opening Conference	01/14/05	Second Closing Conference	04/26/05
Walkaround	01/14/05	Exit	
Days On Site	3	Case Closed	
		No Citations Issued	

Type	ID	Optional Information

CSHO Signature	<i>[Signature]</i>	Date	5/13/05
----------------	--------------------	------	---------

NARRATIVE:

Inspection Number: 306617655 (Patterson-UTI Drilling Co.)

A. Opening Conference and Program Evaluation

1. POSTING

- a) UOSH Job Safety & Health Poster Posted : X – Federal OSHA poster
- b) OSHA 300 Log : X
- c) Fire/Emergency Evacuation Plan : X

2. REPORTING

- a) Review Reporting Criteria : X
- b) Review OSHA 300 : X

3. MISC. CHECKLIST DISCUSSION

- a) First Aid Equipment : X – Located in "Doghouse"
- b) Emergency Phone Numbers : X
- c) Medical/First Aid Training, CPR : X
- d) Workers Compensation Insurance : X

Insurance Carrier/Policy Number: Liberty Insurance Corp/WA769D00417506

4. WRITTEN PROGRAM REQUIRED

- a) Fire Evacuation /Disaster-Emergency Plans
Findings: Not evaluated
- b) HAZWOPER
Findings: N/A
- c) Hazard Communication
Findings: Written program – MSDS on site
- d) PPE Written Hazard Assessment
Findings:
- e) Respiratory Protection
Findings: Not evaluated
- f) Noise
Findings: Not evaluated
- g) Regulated Substances (.1000)
 - 1) Compliance Program – Expanded Health Standards:
(i.e. pb, Asbesto's, etc.)
Findings:
 - 2) Engineering Controls – Ventilation
Findings: N/A
- h) Confined Entry
Findings: N/A
- i) Lockout/Tagout
Findings: Not evaluated
- j) PSM

Findings: N/A

k) Chemical Hygiene/Lab Safety

Findings: N/A

l) Exposure Control Plan/Blood borne Pathogens

Findings: X

5. CERTIFICATION/TRAINING

a) Industrial Truck

Findings: Trained and certified operators. Observed CAT TH103 forklift at the site.

b) Fall Protection (Construction)

Findings: X - Company implements 100% tie off during "rig-up" and "rig down" while working on the derrick. Observed full-body harnesses and lanyards with locking hooks and deceleration devices. Most of the PFAS observed appeared to be in good condition. Some were soiled and the employer representative was urged to keep an eye on this equipment for wear and tear.

6. WRITTEN INSPECTION

a) Mechanical Power Press

Findings: N/A

b) Crane

Findings: Not observed

7. SAFETY & HEALTH PROGRAM

a) Written Safety Policies

Findings: X

b) Substance Abuse Program

Findings: X - stringent drug policy

c) Progressive Discipline

Findings: X

d) Employee Safety & Health Training

Findings: X

8. MISC. OPERATIONS

a) Flammables & Combustibles

Findings: Diesel & other fuels

b) Explosives

Findings: N/A

c) Welding Operations

Findings: Not evaluated

d) Ergonomic

1) Repetitive Motion

Findings: Not evaluated

2) Heavy Lifting

Findings: Not evaluated

Conference Checklist

Violations- Classify	: X
Citations- Citations	: X
Statement Dates & Procedures	: X
Statement Procedures	: X
Certified Mail	: X
Posting Citations	: X
Letters of How and When Abated	: X
Informal Conference	: X
Appeal Procedure	: X
Extensions	: X
Follow Up Inspections	: X
Consultation Office	: X

PURPOSE OF THE INSPECTION:

A fatal accident was called into the UOSH office on Friday, January 14, 2005 at approximately 8:15 AM. An employee working on a drilling rig derrick was struck in the head by a cable, sustaining severe head trauma. An inspection/accident investigation assignment was given to the CSHO that morning by Tori Burns, Compliance Manager. The CSHO was accompanied by the UOSH Technical Advisor.

OPENING CONFERENCE:

A brief opening conference was held at the accident site on January 14, 2005 with Chris Angelo, Area Safety Manager; David Ryan, Drilling Superintendent; Rudy Myore, Ute Tribe representative. Credentials were presented. Basic opening conference information was obtained.

STRATEGIC PLAN FOCUS AREAS:

Oil & Gas

INCIDENT DESCRIPTION/ON-SITE WALKAROUND:

The following information was obtained during the site walkaround immediately following the opening conference on January 14, 2005. Much of the incident information gathered on site that day was obtained from Chris Angelo, an Area Safety Manager for Patterson-UTI.

This incident occurred on January 13, 2005, which was the 2nd day of "Rig Up" for Patterson Rig 104. This is where the drilling rig is brought in, the rig floor is set up and the derrick is prepared to be raised. It was learned that a 1 7/8" bridle line became hung up on a small "ear", or angle iron, during the rig-up process. It was later learned that the angle iron, or "ear", was part of a safety cable tie-off system. The "ear" had a hole in it for the cable to run through and served as a type of horizontal life-line.

The bridle lines are part of the drawworks that help raise the derrick into an upright position. According to sources on site, the Toolpusher instructed the hands to go up on top of the derrick and make an attempt to free the snagged line manually, using their hands. I was informed that all employees on the derrick were using a personal fall arrest system. These employees were then directed by the Toolpusher to use a pry bar (approximately 5' long) to remove the line off of the ear. It was also learned that, in the meantime, a forklift was positioned beneath the block and the tines were used in an effort to lift up on the block and provide some slack in the lines.

During this part of the inspection, I asked the employer representative if there was a procedure in place to allow the employees to use the forklift in this manner. I was informed that there were no procedures to handle this situation since it was not common. I also inquired about the weight of the block and the lifting capacity of the forklift. I was then given a couple of rough estimates of the block's weight being 10,000 to 20,000 lbs. There was no knowledge as to the forklift's actual lifting capacity.

I was told by the employer representative that after multiple attempts, the line moved a little up the side of the ear so that it was nearly free. Montgomery Allee was standing on the top girder and had assisted in the prying efforts. Nathan Cook was situated on a girder almost directly below Mr. Allee and had also used the pry bar in an effort to release the line. Chris Fernandez was on the top girder adjacent to where Mr. Allee was standing. It was almost immediately following these attempts that the line suddenly popped off of the ear, bending the ear upward in the

... and struck Mr. Allee in the head. According to on-site sources, the employee was knocked unconscious and bleeding profusely from the head wound. According to all accounts, Mr. Allee never fell from the top of the derrick, but merely hunched over after being struck. Immediately following the incident, the injured employee was lowered to the ground with the forklift and was given first aid by the on-site crew until EMS arrived. The employee was then flown to University of Utah Medical Center via Air Med. It was learned that after Air Med departed, many of the rig employees left the site. A few did stay to give witness statements. The injured worker was on life support at the medical center and was taken off at approximately 12:30 AM on January 15, 2005.

INVESTIGATION

The investigation of the accident consisted of employee/witness interviews, documentation review, as well as a review of industry standards and guidelines.

Documentation

The following materials were reviewed:

- * Video documentation of the site visit on January 14, 2005
- * Uintah County Sheriff report
- * Written witness statements
- * Witness interviews

According to Patterson-UTI representatives, an investigation and report on the incident was conducted. UOSH did not receive a copy of this report. Other documents, such as injury illness logs, Job Safety Analysis (JSA), and employee contact information was requested. JSAs, which are conducted on the rig daily, every shift, were not available for Rig 104 on the day of and days prior to the incident. Patterson-UTI corporate JSAs were provided as well as a few specific JSA/Safety Meeting reports for Rig 104, which was at a different site (January 8, 2005).

Interviews

One-on-one interviews of witnesses on site, at the time of the incident, were conducted between January 24 and March 18, 2005. This included toolpushers, floorhands, and a driller. It was noted that all witnesses interviewed were consistent in their description of the events, persons involved, and the overall working environment when the incident occurred. Since these statements are confidential, no specific information from an identified witness can be shared in this document. The following is a brief summarization of the conclusions reached based on witness statements.

Management: It was confirmed that the decision to have employees go up on the derrick and attempt to manually free the bridle line came from the Toolpusher on-site at the time. This includes the use of the forklift and pry bar. It was learned that the Toolpusher has the ultimate authority on-site to commence and halt all operations.

Hazard: More than one employee interviewed indicated that they recognized the potential hazard in trying to free the cable manually. More than one indicated that nobody should have been up on the derrick trying to perform that task. It is unclear as to why no objections were raised by employees or management to suspend the operation. It was mentioned that more than one employee could have been impacted by the cable when it popped off of the ear.

Procedures: It was learned that there were no specific procedures to address this situation because it was very uncommon. Only one employee interviewed indicated that he had seen a bridle cable get snagged.

Conditions: All accounts indicate that there was a feeling of being in a hurry and that some of this was coming from the company man on site at the time. According to more than one employee interviewed, this tends to be a problem on other sites as well. Being rushed or in a hurry was emphasized several times by a few of the employees interviewed.

Alternatives: Some employees indicated that a possible solution would have been to re-bridle or re-string the blocks. In fact, according to a couple of employees, that was the plan after making several attempts to pry the bridle line off the ear manually. That was when the ear gave and the line popped off. It was also mentioned that the "A-legs" could have been unpinning and folded down. This operation would have put slack into the bridle lines. It was also mentioned that this may have taken a couple hours to complete.

Safety Training – Information obtained through interviews indicate that employees did receive on-site safety training. Daily safety meetings are held and JSAs are discussed for the specific operations of that shift. Fall protection is strongly enforced by Patterson-UTI management and supervisors.

ence of specific OSHA standards for a given industry, it is common practice to search established practices, and/or standards within that industry. UOSH obtained a copy of the American Petroleum Institute's "Recommended Practices for Occupational Safety for Oil and Gas Well Drilling and Servicing Operations", Recommended Practice 54, Third Edition, August 1999. The following information was obtained from this document:

RESPONSIBILITY

At all times, the specific work activity being performed should be under the immediate supervision of an authorized person who has the authority to commence, modify, or cease work methods or operations, as necessary, ensure the safety of affected personnel. The authorized person should observe changing conditions and improve, whenever required, the work methods to promote increased protection for the personnel."

9.2 DERRICKS AND MASTS

- 9.2.7 "A person qualified in procedures for raising and lowering the mast shall be in charge of raising or lowering operations. During raising or lowering operations, checks shall be made to assure that wire rope does not hang up on the braces or any other portion of the mast."
- 9.2.11 "During instances of unusual loading of the derrick or mast, such as when making any unusually hard pull, only the driller or other essential supervisory personnel should be on the rig floor, and no one should be in the derrick, mast, or cellar."

Conclusions

Based on the information obtained through the investigation, it was concluded that Patterson-UTI Drilling was in violation of the general duty clause. It was concluded that there was a recognized hazard in trying to free the snagged bridle line, with a significant amount of tension, using the methods discussed in the above incident description. It was also recognized that employees should not have been on the derrick at the time. This is supported by industry-recognized safety guidelines. Besides the employee who was fatally injured, there were two other employees exposed to the hazard.

CLOSING CONFERENCE:

The first closing was held on April 15, 2005 with Mike Vander Linden, Area Safety Supervisor (UT, CO, WY) at Patterson's Vernal office. I was accompanied by the UOSH Technical Advisor. At the time of the closing, there was concern that more management representation from Patterson was not present. A review of the accident was conducted and the violative conditions were discussed. All closing conference items were covered. A 2nd closing was arranged that day for April 26, 2005. Mr. Vander Linden was encouraged to have some corporate level management present as well.

A second closing conference was held on April 26, 2005 at Patterson's Vernal office. I was accompanied by the UOSH Technical Advisor on this closing as well. Those present included: Jerry Jacobs, Corporate Safety Director; Jesse Blanchard, Area Manager; Mike Vander Linden, Area Safety Supervisor; Chris Angelo, Rig Manager; Terry Garlington, Drilling Superintendent; David Ryan, Drilling Superintendent. The accident was reviewed and a discussion of the violative conditions was conducted. All closing conference items were covered.

VIDEO LOG:

Video was accomplished in support of this inspection and is filed under:

Patterson/UTI Drilling Inspection #306617655

ITEMS GIVEN TO THE EMPLOYER:

UOSH posters
Consultation Services
Copies of the API

ED VIOLATIONS SUMMARY:

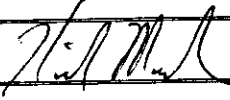
US:

R614-1-5.D.3. – Management did not inspect or identify unsafe conditions and work practices.

R614-2-1.K.1. – Consensus standards incorporated by reference – API Recommended Practices for Occupational Safety and Gas Well Drilling and Service Operations.

OTHER:

UAC R614-1-7.B.1. – No UOSH poster present at the drilling rig.

CSHO Signature: 	Date: 5/26/05
Accompanied By:	Date:
Reviewed By:	Date:



Monday 10:20am

Inspection Number	306617655
Opt. Insp. Number	

Patterson UTI Drilling Co.

Severity	S Serious	Citation Number	01	Item/Group	001 (a)
Code	4	No. Instances	1	REC	
Violation	1. 5(D)(03)				

MultiStep Abatements			Final Abatement	Action Type/Dates	
PPE Period	Plan	Report			
Documentation Required			Date Verified		

Distance Codes

VD/Variable Information:

UAC R614-1-5D.3.: Management shall inspect or designate a competent person or persons to inspect frequently for unsafe conditions and practices, defective equipment and materials, and where such conditions are found to take appropriate action to correct such conditions immediately.

(A) On January 13, 2005, at Patterson Rig 104, Ute Tribe 1322-1319, an employee of Patterson-UTI Drilling Company was fatally injured when struck by a bridle line (approximately 1-7/8" in diameter) after it had become hung up on a small ear. The investigation revealed that the on-site management directed employees to go up on top of the derrick to attempt to manually free the line which was under significant tension. Several attempts were made to free the line and then it finally popped off of the ear, striking the employee in the head. It was concluded that management did not inspect or identify the unsafe conditions or practices at that time. Besides the employee fatally injured, there were at least two other employees exposed to the hazard of being struck by the cable.

Penalty Calculations				Adjustment Factors			Proposed Adjusted Penalty
Severity	Probability	Gravity	GBP	Size	Good Faith	History	
H High	G Greater	10	7000.00	0	0	0	7000.00
Repeat Factor		0					

Employee Exposure:					
Occupation	Driller	Employer			
Nr of Employees	0	Duration		Frequency	
Employee Name	Jeff Jaramillo				
Address	PO BOX 245 Vernal, UT 84078	Phone	(435)247-2612		
Occupation	Floor Hand	Employer			
Nr of Employees	0	Duration		Frequency	
Employee Name	Nathan Cook				
Address	10188 W. 9600 N. Lehi, UT 84043	Phone	(801)360-8260		
Occupation	Floor Hand	Employer			

Employees	0	Duration		Frequency	
Name	Chris Fernandez		Phone	(435)247-2612	
	PO BOX 245 Vernal, UT 84078		Employer	Patterson-UTI	
Position	Floorhand	Duration		Frequency	
Employees	0				
Employee Name	Montgomery Allee		Phone	(435)722-0860	
Address	1077 W. 3938 N. Roosevelt, UT 84066				

Instance Description: A. Hazard B. Equipment C. Location D. Injury/Illness E. Measurements

4. Date/Time
January 13, 2005

20. Instance Description - Describe the following:

a) Hazard/Accident and Condition: An employee of Patterson-UTI Drilling Co. was fatally injured while working on top of a derrick (Rig 104). A 1-7/8" bridle line became snagged on a small (~2") ear during the rig-up process. Direction was given to employees by the "Tool Pusher" to climb up the derrick, tie off, and manually free the line. Several attempts were made, including the use of a 5' prybar, without success. The forklift on site was used to support/raise the blocks in an attempt to put slack in the line so that it could be freed. The bridle line eventually came free and struck the employee in the head, fatally injuring him.

Through the investigation, it was concluded that there was a recognized hazard in trying to free the snagged bridle line, with a significant amount of tension, using the above mentioned methods. It was also recognized that employees should not have been on the derrick at that time. This is supported by industry-recognized safety guidelines. Besides the employee fatally injured, there were at least two other employees exposed to the hazard. UOSH concluded that Patterson-UTI Drilling was in violation of the general duty standard. Management did not identify the unsafe condition and practice, nor did it correct the condition.

b) Equipment: 1-7/8" bridle line; CAT TH103 forklift; 5' prybar

c) Location: Rig 104 - Ute Tribe 1322-1319, approximately 35 miles southwest of mile marker 0 on U88.

d) Injury/Illness: Employee was struck by cable on the right side of his head, fatally injuring him.

e) Measurements

21. Photo Number	Location on Video
Video	

23. Employer Knowledge : Through a review of industry-recognized safety practices, it was learned that employees should not have been on the derrick at that time. See American Petroleum Institute "Recommended Practice for Occupational Safety for Oil and Gas Well Drilling and Servicing Operations". API Recommended Practice 54, August 1999, 9.2.11.

24. Comments (Employer, Employee, Closing Conference) : Witness interviews indicated that employees did not feel safe about being on the derrick and trying to manually free the cable. Employees did recognize the hazard.

25. Other Employer Information :

26. Classification:

Serious	Knowledge	S or O	Repeat?	Willful?
Y	Y	S		

First Repeat	Second Repeat	Repeat Penalty

Event Date	Event Code	Action Code	Citation Type	Penalty	Abate Date	Final Order
	Z Add transaction	A Add	S Serious	7000.00		



Worksheet

Thu May 26, Thursday 10:22am

				Inspection Number	306617655
				Opt. Insp. Number	
Establishment Name	Patterson UTI Drilling Co.				
Type of Violation	S Serious	Citation Number	01	Item/Group	001 (b)
Number Exposed	3	No. Instances	1	REC	
Std. Alleged Vio.	2. 1(K)(1)				

Abatement Period	MultiStep Abatements			Final Abatement	Action Type/Dates
	PPE Period	Plan	Report		
5					
Abatement Documentation Required				Date Verified	

Substance Codes	
-----------------	--

AVD/Variable Information:

UAC R614-2-1.K.1.: 29 CFR 1910 and 1926 and standards of the American National Standards Institute, National Fire Protection Association, National Electric Code, and other consensus standards are incorporated by reference, or when referenced in this UOSH standard, shall have the same force and effect as other standards, rules, or regulations.

(A) On January 13, 2005, at Patterson Rig 104, Ute Tribe 1322-1319, an employee of Patterson-UTI Drilling Company was fatally injured when struck by a bridle line (approximately 1-7/8" in diameter) after it had become hung up on a small ear. The investigation revealed that the on-site management directed employees to go up on top of the derrick to attempt to manually free the line which was under significant tension. Several attempts were made to free the line and then it finally popped off of the ear, striking the employee in the head. It was concluded that management did not observe the hazardous working conditions and make the appropriate corrections.

The American Petroleum Institute (API) "Recommended Practices for Occupational Safety for Oil and Gas Well Drilling and Servicing Operations". API Recommended Practice 54, Third Edition, August 1999:

1.3 RESPONSIBILITY

"...At all times, specific work activity being performed should be under the immediate supervision of an authorized person who has the authority to commence, modify, or cease the work methods or operations, as necessary, to ensure the safety of affected personnel. The authorized person should observe changing conditions and improve, whenever required, the work methods to promote increased protection for the personnel."

(B) The investigation of the incident on January 13, 2005, revealed that the employees should not have been up in the derrick under the circumstances described in paragraph (A) above.

The American Petroleum Institute (API) "Recommended Practices for Occupational Safety for Oil and Gas Well Drilling and Servicing Operations". API Recommended Practice 54, Third Edition, August 1999:

9.2 DERRICKS AND MASTS

9.2.11 "During instances of unusual loading of the derrick or mast, such as when making any unusually hard pull, only the driller or other essential supervisory personnel should be on the rig floor, and no one should be in the derrick, mast, or cellar."

Penalty Calculations				Adjustment Factors			Proposed Adjusted Penalty
Severity	Probability	Gravity	GBP	Size	Good Faith	History	

24. Comments (Employer, Employee, Closing Conference) : Witness interviews indicated that employees did not feel safe about being in the derrick and trying to manually free the cable. Employees did recognize the hazard.

25. Other Employer Information :

26. Classification:				
Serious	Knowledge	S or O	Repeat?	Willful?
Y	Y	S		

First Repeat	Second Repeat	Repeat Penalty

Event Date	Event Code	Action Code	Citation Type	Penalty	Abate Date	Final Order
	Z Add transaction	A Add	S Serious	0.00		



Worksheet

Thu May 26, Thursday 10:24am

Inspection Number				306617655	
Opt. Insp. Number					
Establishment Name Patterson UTI Drilling Co.					
Type of Violation	O Other	Citation Number	02	Item/Group	001
Number Exposed	0	No. Instances	1	REC	
Std. Alleged Vio.	1. 7(B)(1)				

Abatement Period	MultiStep Abatements			Final Abatement	Action Type/Dates
	PPE Period	Plan	Report		
1					
Abatement Documentation Required				Date Verified	

Substance Codes	
-----------------	--

AVD/Variable Information:

UAC R614-1-7.B.1.: Each employer shall post and keep posted notices, to be furnished by the Administrator, informing employees of the protections and obligations provided for in the Act, and that for assistance and information, including copies of the Act and of specific safety and health standards, employees should contact their employer or the office of the Administrator. Such notices shall be posted by the employer in each establishment in a conspicuous place where notices to employees are customarily posted. Each employer shall take steps to insure that such notices are not altered, defaced, or covered by other material.

(A) On January 14, 2005, while walking through Patterson-UTI Drilling Rig #104, it was noted that the occupational safety and health poster in the "doghouse" was the Federal poster. No UOSH poster was observed. Employers in the state of Utah are required to keep the UOSH poster because the reporting requirements are different than the Federal requirements. UOSH posters were later given to the employer.

Penalty Calculations				Adjustment Factors			Proposed Adjusted Penalty
Severity	Probability	Gravity	GBP	Size	Good Faith	History	
			0.00	0	0	0	0.00
Repeat Factor		0					

Employee Exposure:

Instance Description:	A. Hazard	B. Equipment	C. Location	D. Injury/Illness	E. Measurements
-----------------------	-----------	--------------	-------------	-------------------	-----------------

4. Date/Time
January 14, 2005

20. Instance Description - Describe the following:

- Condition: The employer had a Federal OSHA poster located in the "dog house", but did not have the UOSH poster. The reporting requirements in Utah differ from those from Federal OSHA. This document is designed to inform employees of the protections and obligations of the Utah Occupational Safety and Health Act. Copies of these posters, in English and Spanish, were given to the employer at the closing conference.
- Equipment: N/A

c) Location:

d) Injury/Illness: The document discusses reporting requirements and procedures in the event of a fatality or serious injury to workers.

21. Photo Number	Location on Video
N/A	

23. Employer Knowledge : Patterson-UTI Drilling has operated in the state of Utah for several years.

24. Comments (Employer, Employee, Closing Conference) :

25. Other Employer Information :

26. Classification:				
Serious	Knowledge	S or O	Repeat?	Willful?
N	Y	O		

First Repeat	Second Repeat	Repeat Penalty

Event Date	Event Code	Action Code	Citation Type	Penalty	Abate Date	Final Order
	Z Add transaction	A Add	O Other	0.00		



SHA-300 Data/Safety and Health Program Evaluation

May 12, Thursday 2:41pm

Establishment Name	Patterson UTI Drilling Co.	Ownership	A. Private Sector
Controlling Corp	Pstterson UTI Drilling	Employer ID	752899874

Corp													
SUMMARY OSHA-300 DATA				Log Year	2003	Data Not Available		Data Not Required		Partial Log Year	# Of Weeks	0	
TRC RATE		0.4		DART RATE		0.1		Annual Average Number of Employees		5000		Total Hours Worked by All Employees	14856644
Number of Cases				Number of Days * Columns may not appear in same order as on paper form.			Injury and Illness Types * Columns may not appear in same order as on paper form.						
(G) Deaths	(H) Days Away	(I) Job Xfer or Restrict	(J) Other Recordable	(*) Nbr Days Away from Work	(*) Nbr Days Job Xfer or Restrict	(M1) Injuries	(M2) Skin Disorders	(M3) Respiratory Conditions	(M4) Poisonings	(*) Hearing Losses	(*) All Other Illnesses		
1	8	0	23	548	0	32	0	0	0	0	0		

SUMMARY OSHA-300 DATA				Log Year	2004	Data Not Available		Data Not Required		Partial Log Year		# Of Weeks	0
TRC RATE	0.7			DART RATE	0.1		Annual Average Number of Employees		5800		Total Hours Worked by All Employees		17932619
Number of Cases					Number of Days * Columns may not appear in same order as on paper form.			Injury and Illness Types * Columns may not appear in same order as on paper form.					
(G) Deaths	(H) Days Away	(I) Job Xfer or Restrict	(J) Other Recordable	(*) Nbr Days Away from Work	(*) Nbr Days Job Xfer or Restrict	(M1) Injuries	(M2) Skin Disorders	(M3) Respiratory Conditions	(M4) Poisonings	(*) Hearing Losses	(*) All Other Illnesses		
0	7	0	52	906	0	59	0	0	0	0	0		

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



Investigation Summary

Thu Jun 23, Thursday 11:35am

Reporting ID	Investigation Summary Number	OSHA-36 Number	OSHA-36 Establishment Name
0854910	201561214	101560662	Patterson/UTI Drilling Co.
Event Date	01/13/05	Event Time	02:10 pm
Type of Event	Employee fatally wounded while working on derrick.		

Inspection Number/ Establishment Name	306617655 Patterson UTI Drilling Co.
Injured/Deceased Name	Montgomery Allee
Sex:	M. Male
Age:	40
Injury:	A. Fatality
Nature:	21 Other
Part of Body:	13 Head
Source of Injury:	24 Hoisting apparatus
Event Type:	01 Struck by
Environmental Factor:	05 Flying object action
Human Factor:	10 Operational position not appropriate for task
Task:	B Not Regularly Assigned
Substance Code:	
Occupational Code	

Abstract:

An employee working for Patterson/UTI Drilling Co. was fatally wounded while working on top of a derrick on January 13, 2005. The crew was working on Rig #104, located approximately 45 miles south of Ouray, UT. On the 2nd day of "rig-up", a thick (~ 1 1/4") bridle line became caught on a small "dog-ear". Several unsuccessful attempts were made to get the line freed. The tension already on the line caused it to slip off of the dog-ear and strike one employee in the head. The injured employee receive first aid on site and was life flighted to the University of Utah Hospital. This employee was pronounced clinically dead on Friday afternoon, January 14, 2005, and taken off of lift support at approximately 12:30 AM, January 15, 2005.



Fatality/Catastrophe Report

on Jan 24, Monday 9:48am

Reporting ID	0854910		Previous Activity (Type & Number)		R. Referral 201565710		Event Number		101560662			
Establishment Information	Establishment Name		Patterson/UTI Drilling Co.					Employer ID				
	Site Address		45 miles south of Ouray Ute Tribal 1322-1319 UT 84026					City Code	1405	County Code	047	
	Site Phone	(303) 210-0373		Site FAX								
	Event Address (if different)		Ute Tribal 1322-1319 UT 84026									
Industry & Ownership	Type of Business							Primary SIC	1381	No. of Employees	300	
	Ownership		A. Private Sector									
Receipt Information	Reported By				Date	01/14/05		Time				
	Job Title				Telephone							
Employee Representation	Group Name(s):											
Classification	A. Fatality											
Event Description	Event Date		Event Time		Number of Fatalities		Number of Hospitalized Injuries		Number of NonHospitalized Injuries		Number Unaccounted for	
	01/13/05		02:10 pm		1		1		0		0	
	Type of Event		Employee fatally wounded while working on derrick.									
Preliminary Description	On January 13, 2005, Patterson employees were working atop of a derrick (rig #104) on the 2nd day of "rig - up". When A 1 1/4" bridle line became snagged on a small "dog-ear", employees attempted to free the line manually and by using a pry-bar. The tension in the line caused it to slip off the dog-ear and strike an employee in the head. The injured employee received first aid at the site and was life-flighted to University of Utah Hospital. He was pronounced clinically dead on Friday afternoon, January 14, and taken off life-support at approximately 12:30 AM, January 15, 2005.											
Action	Inspection Planned?		Supervisor(s) Assigned				CSHO(s) Assigned					
	Yes		H0424				D2501		D2501			
Optional Information	Type	ID	Optional Information Value									
Comments												



Referral Report

Jan 14, Friday 10:11am

Reporting ID	0854910	Previous Activity	0	Referral Number	201565710		
Establishment Information	Establishment Name	Patterson/UTI Drilling Co.			Employer ID		
	Site Address	45 Miles S. of Ouray Ute Tribe land near Vernal UT			City Code		County Code
	Site Phone	(303) 210-0373			Site Fax:		
	Mailing Address	PO Box 1416 Snyder TX 79550					
Industry & Ownership	Mailing Address Phone	(325) 574-6300			Fax:		
	Type of Business				Primary SIC		No. of Employees
Source	Ownership	A. Private Sector					
	Referred By	I. Other			Date Received	01/14/05	
Referral Classification	Source or Contact (Name, Location, Affiliation, Telephone Number):						
	Safety - Serious						

HAZARD DESCRIPTION:

erry Jacobs((325)574-6300), the Corp Safety Director of Patterson-UTI Drilling company called in at 0815 on 01/14/04 to report the accident.

The accident occurred on a drill rig located about 45 miles South of the town of Ouray. It is on Ute tribal land at a location called "North Hill Creek". This was the only location information available at the time of the call. The Victim's name is Montgomery L. Alee, DOB 08/21/05.

Mr. Alee was part of a drill crew preparing to "Rig up". They were preparing to raise the Mast of the rig when the hoist line (approx. 1.5" dia.) became caught up on a piece of metal. After unhooking the load, Mr. Alee climbed up and tied off in an unsuccessful attempt to unhook the line. While Mr. Alee was still up there, the crew decided to re-rig the load in another attempt to unhook the line. When the "block" was hooked up to the line, the piece of metal holding it broke causing the cable to hit Mr. Alee in the Forehead. Emergency services were summoned and the Victim was taken by lifeflight to an unknown SLC Hospital.

Chris Angelo, a company safety supervisor is in route the site. His mobile telephone number is (303) 210-0373. Last word on the victim was that he is on life support awaiting arrival at the hospital of his family.

Referral Action	Send Letter	Date Letter Sent	Date Response Due	Response Received (Satisfactory or Not Satisfactory)	Supervisor(s) Assigned	
					H0424	D2501
	Inspection Planned? Yes	If Yes, Priority:			If No, Reason:	
	Transfer To (Name):			Transfer Date		
	Transfer To Category:					
Optional Information	Type	ID	Optional Information Value			
	S	01	ACCIDENT			
Close Referral						



Referral Report

Jan 14, Friday 10:11am

Reporting ID	0854910	Previous Activity	0	Referral Number	201565710		
Establishment Information	Establishment Name	Patterson/UTI Drilling Co.			Employer ID		
	Site Address	45 Miles S. of Ouray Ute Tribe land near Vernal UT			City Code	County Code	
	Site Phone	(303) 210-0373			Site Fax:		
	Mailing Address	PO Box 1416 Snyder TX 79550					
	Mailing Address Phone	(325) 574-6300			Fax:		
Industry & Ownership	Type of Business				Primary SIC	No. of Employees	0
	Ownership	A. Private Sector					
Source	Referred By	I. Other			Date Received	01/14/05	
	Source or Contact (Name, Location, Affiliation, Telephone Number):						
Referral Classification	Safety - Serious						

HAZARD DESCRIPTION:

erry Jacobs(325)574-6300), the Corp Safety Director of Patterson-UTI Drilling company called in at 0815 on 01/14/04 to report he accident.

The accident ocured on a drill rig located about 45 miles South of the town of Ouray. It is on Ute tribal land at a location called "North Hill Creek". This was the only location information available at the time of the call. The Victim's name is Montgomery L. Ale, DOB 08/21/05.

Mr. Ale was part of a drill crew preparing to "Rig up". They were preparing to raise the Mast of the rig when the hoist line approx. 1.5" dia.) became caught up on a piece of metal. After unhooking the load, Mr. Ale climbed up and tied off in an unsuccessful attempt to unhook the line. While Mr. Ale was still up there, the crew decided to re-rig the load in another attempt to unhook the line. When the "block" was hooked up to the line, the piece of metal holding it broke causing the cable to hit Mr. Ale on the Forehead. Emergency services were summoned and the Victim was taken by lifeflight to an unknown SLC Hospital.

Chris Angelo, a company safety suprevisor is in route the site. His mobile telephone number is (303) 210-0373. Last word on the victim was that he is on life support awaiting arrival at the hospital of his family.

Referral Action	Send Letter	Date Letter Sent	Date Response Due	Response Received (Satisfactory or Not Satisfactory)	Supervisor(s) Assigned	
					H0424	D2501
	Inspection Planned? Yes	If Yes, Priority:			If No, Reason:	
	Transfer To (Name):				Transfer Date	
	Transfer To Category:					
Optional Information	Type	ID	Optional Information Value			
	S	01	ACCIDENT			
Close Referral						