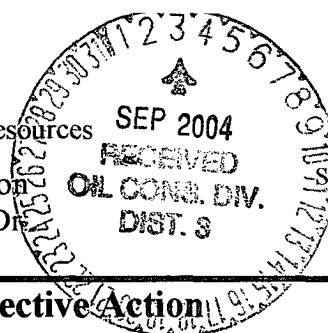


District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505



Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

Release Notification and Corrective Action

30 039 27850 OPERATOR ☐ Initial Report ☒ Final Report

Name of Company: Halliburton Energy Services, Farmington	Contact Douglas Oakes
Address: 4109 E. Main Street	Telephone No. 505-324-3500 (x550)
Facility Name <del>Farmington Main Yard</del> Jicarilla 460-15#2	Facility Type Oil and Gas Services

Surface Owner Jicarilla	Mineral Owner Black Hills	Lease No. Black Hills Jicarilla 460-15#2
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LOCATION OF RELEASE

Unit Letter N	Section 15	Township 30N	Range 3W	Feet from the 515	North/South Line North	Feet from the 665	East/West Line West	County Rio Arriba
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Latitude 36.65 Longitude 107.07

NATURE OF RELEASE

Type of Release: spill of hydraulic oil	Volume of Release 110 gallons	Volume Recovered (all) 14 cubic yards total with soil
Source of Release Equipment failure	Date and Hour of Occurrence August 27, 2004 1615	Date and Hour of Discovery August 27, 2004 1615
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Charlie Perrin	
By Whom? Kellie J. Skelton	Date and Hour August 27, 2004 1630	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	
If a Watercourse was Impacted, Describe Fully.* NA		

Describe Cause of Problem and Remedial Action Taken: While pumping a cement job the passenger side displacement tank lost the sensory unit on the suction parker valve. This resulted in approximately 110 gallons of hydraulic oil spilling to soil on location

Describe Area Affected and Cleanup Action Taken.\*

(See attached report)

Halliburton contacted Envirotech to clean the spill area. The spill area was approximately 300 square feet in area and the depth ranged from 4" to 14".

material hauled to Envirotech Landfarm

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Kellie J. Skelton</i>	OIL CONSERVATION DIVISION	
Printed Name: Kellie J. Skelton	Approved by District Supervisor: <i>Denny Fent</i>	
Title: HSE Technical Professional	Approval Date: 7/16/04	Expiration Date:
E-mail Address: 4109 E. Main Street	Conditions of Approval:	Attached <input type="checkbox"/>
Date: September 3, 2004 Phone: 505-324-3500 (x540)		

- Attach Additional Sheets If Necessary
- Attached is the Emergency Spill Response Report from Envirotech

1 DGF0426031350

4

# ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

September 2, 2004

Ms. Kellie Skelton  
Halliburton  
4109 East Main Street  
Farmington, NM 87401



Project No. 92132-029

Phone: (505) 324-3540

Fax: (505) 324-3545

**RE: EMERGENCY SPILL RESPONSE REPORT FOR HALLIBURTON, BLACK HILLS JICARILLA  
460-15 #2, RIO ARRIBA COUNTY, NEW MEXICO**

Dear Ms. Skelton:

On August 27, 2004, Envirotech received a call from Halliburton to respond to an emergency spill at Black Hills Jicarilla 460-15 #2, Rio Arriba County, New Mexico.

Envirotech's Spill Response Team arrived on site at 6:20 P.M., with a backhoe, dump truck and Environmental Field Technicians. After conducting a tailgate safety meeting, the spill area was excavated to remove all liquids and stained soil.

Mr. Morris D. Young of Envirotech assessed the spill and interviewed on-site personnel. It was determined that approximately 110 gallons of hydraulic oil had been released on the site. The spill area was approximately 300 square feet in area and the depth of the hydraulic oil ranged from 4" to 14" below ground surface.

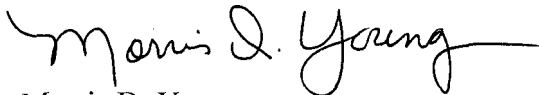
The remediated area was backfilled with on-site soil and machine compacted to match the existing well pad. All clean up was performed to a visual standard, whereby all stained materials were removed and replaced with uncontaminated soil.

Approximately 14 cubic yards of contaminated soil was removed from the site and transported to Envirotech's New Mexico Oil Conservation Division (NMOCD) Permitted Landfarm #2 for remediation on Bill of Lading (BOL) No. 11761. Upon completion of the excavation, a 5-point composite sample was taken to confirm that all clean up had been completed. The sample was delivered to Envirotech Analytical Laboratory under Chain of Custody (COC) Record No.12878. The sample was analyzed for Total Petroleum Hydrocarbon (TPH) by USEPA Method 8015. The analysis are included in *Section 2*, the site sample was non-detectable, which is less than 100 ppm TPH. The Jicarilla Tribe Environmental Protection Office (JTEPO) acceptable standard for TPH is 100 ppm.

Photographs of the initial spill and the progress of bringing the site back to normal pre-spill conditions are included in *Section 1*. Additionally, we have included the BOL for the transportation and acceptance of the contaminated soil for remediation in *Section 3*.

We appreciate the opportunity to provide service. Should you have any questions or require additional information, please contact our office at (505) 632-0615.

Sincerely,  
**ENVIROTECH, INC.**



Morris D. Young  
President  
NMCES #098  
[myoung@envirotech-inc.com](mailto:myoung@envirotech-inc.com)

CC: Mr. Doran Newlan, Black Hills Exploration & Production  
Jicarilla EPO  
Mr. Denny Foust, NMOCD

MDY: jno/office/client/enviro/92132Halliburton/92132-029/083004SpillResponseLtr.doc

EPA METHOD 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons

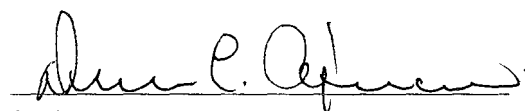
Client:	Halliburton	Project #:	92132-029
Sample ID:	1	Date Reported:	08-31-04
Laboratory Number:	30301	Date Sampled:	08-27-04
Chain of Custody No:	12878	Date Received:	08-28-04
Sample Matrix:	Soil	Date Extracted:	08-30-04
Preservative:	Cool	Date Analyzed:	08-31-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

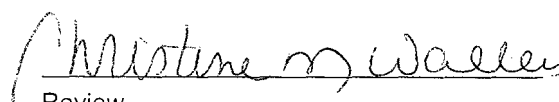
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Black Hills, Jicarilla 460-15 #2.**  
**5 Point Composite Spill Clean-up Confirmation Sample.**

  
Analyst

  
Review