

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**

**OPERATOR**

Initial Report

**X Final Report**

Name of Company: Crain Hot Oil Service, Inc.	Contact: Todd Crain
Address: PO Box 5846, Granbury, Texas 76049	Telephone No.: 817-692-7333
Facility Name: Gulf Deep No. 1 SWD	Facility Type: SWD Disposal <b>API NO.: 30-005-01210</b>
Surface Owner: State of New Mexico	Mineral Owner:
	Lease No.:

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	34	14	31	660'	FNL	1980'	FWL	Chaves

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**NATURE OF RELEASE**

Type of Release: Hydrocarbon and produced water	Volume of Release: Unknown	Volume Recovered: Unknown
Source of Release: 400 barrel tank overran because pump did not shut off.	Date and Hour of Occurrence: 12/11/12	Date and Hour of Discovery: 12/11/12
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Information unknown.	
By Whom? Information unknown.	Date and Hour: Information unknown.	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully.\*

N/A

Describe Cause of Problem and Remedial Action Taken.\*

The trucks were unloading into the 400 barrel tank located inside the battery. The pump was running per normal procedure but it failed to shut off and the tank began to run over. As soon as the drivers recognized there was a problem, they shut the pump down and immediately began to suck up the discharged fluid within the battery berms.

Describe Area Affected and Cleanup Action Taken.\*

Please refer to the Initial C-141 and CAP submitted to the NMOCD on July 1, 2013 for additional information. The contaminated material was completely removed, the area tested and the analytical results submitted to the NMOCD. Additionally, this area was also handled during the closure of the entire battery, which resulted in more sampling and excavation. Accompanying this Final C-141 is the FRR for the entire battery and associated areas.

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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Todd Crain	 Approved by District Supervisor: <b>Environmental Specialist</b>	
Title: President	Approval Date: 1/27/14	Expiration Date: —
E-mail Address: tcrain@crainhotoil.com	Conditions of Approval: —	Attached <input type="checkbox"/>
Date: January 10, 2014 Phone: 817-692-7333		IRP-7-13-2934

\* Attach Additional Sheets If Necessary

JAN 28 2014 IRP-10-13-2976

Mr. Todd Crain, President  
CRAIN HOT OIL SERVICE, INC.  
PO Box 5846  
Granbury, Texas 76049

January 10, 2014

Mr. Geoffrey Leking  
NEW MEXICO OIL CONSERVATION DIVISION  
1625 North French Drive  
Hobbs, New Mexico 88240

Re: Gulf Deep No.1 SWD Battery Closure  
U/L C S34 T14S R31E 660' FNL 1980' FWL  
Chaves County, New Mexico

API No.: 30-005-01210

**FINAL REMEDIATION REPORT AND FINAL C-141**

Dear Mr. Leking:

Crain Hot Oil Service, Inc. herewith submits its *Final Remediation Report (FRR)* and *Final C-141* form for the Gulf Deep No. 1 SWD remediation of the unauthorized discharge of approximately 50 barrels of hydrocarbon and produced water from the 400 bbl. gunbarrel tank on/or about December 11, 2012. These documents are being submitted along with the FRR for the permanent closure of this facility. Please refer back to the CAP and Initial C-141 for historic details of the specific discharge event.

Initially, delineation results and the presence of the geologically hardened infrastructure referred to as a "cap" dictated the depth for excavation of the contaminated materials located within or adjacent to the boundaries of the battery. This action resulted in the removal and haulage of greater than 1,800 yards of material to disposal at the Gandy Marley Disposal Facility. Following this, the NMOCD witnessed a sampling event that resulted in the further excavation of a restricted area within the battery itself, which had been contaminated by a fairly recent discharge prior to closure of the Gulf Deep State No. 1 SWD Battery. Once this was completed, a 3" to 4" layer of clay was laid down and compacted to ensure the clay liner had sufficient integrity to prevent seepage or any type of crossover from occurring. The entire area was then backfilled with clean caliche to a commensurate elevation matching the surrounding topography and melded in with the existing drilling pad for future use as such.

Crain Hot Oil Service closed and remediated its battery and associated facilities in December of 2013. NMOCD supervised the excavation activities and witnessed the sampling events, which took place during closure. Attached with this document are the laboratory analyticals for your reference.

Sincerely,



Todd Crain, President  
Enclosures: Laboratory Analyticals

SEE RECORD IRP-T-13-2934  
FOR LABORATORY ANALYTICALS  
REFERENCED ABOVE  
JRL 1/27/14

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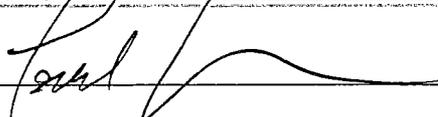
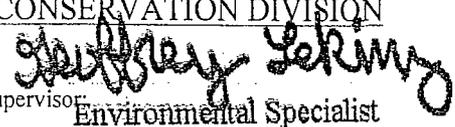
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