

# PERMITS, RENEWALS, & MODS Application

#### State of New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez Governor

John Bemis Cabinet Secretary

Brett F. Woods, Ph.D. Deputy Cabinet Secretary Jami Bailey Division Director Oil Conservation Division



AUGUST 28, 2012

Mr. Cecil Jacobson Weatherford U.S. L.P. 735 East 1400 N Mapleton, UT 84664

Dear Mr. Jacobson:

Based on your responses given in the "Oil & Gas Facilities Questionnaire for Determination of a WQCC Discharge Permit" and a file review, the Oil Conservation Division (OCD) has determined that four of your facilities with an expired or soon to be expired permit do not require a Water Quality Control Commission (WQCC) Discharge Permit. This means that the WQCC Discharge Permit **GW** - 126 (Weatherford Farmington), **GW** – 281(Weatherford Drilling Services - Farmington), **GW** – 347 (Weatherford Completions - Farmington), and **GW** - 075 (Weatherford Completions and Construction Services – Hobbs) are hereby rescinded and you are not required to proceed with the renewal of this expired or soon to expire WQCC Discharge Permit. OCD will close this permit in its database.

Because this WQCC Discharge Permit is no longer valid, you may be required to obtain a separate permit(s) for other processes at your facility, such as: pits, ponds, impoundments, below-grade tanks; waste treatment, storage and disposal operations; and landfarms and landfills. OCD will make an inspection of your facility to determine if any of these existing processes may require a separate permit under OCD's Oil, Gas, and Geothermal regulations. If OCD determines that a separate permit(s) is required, then a letter will be sent to you indicating what type of permit is required.

Please keep in mind, if your facility has any discharges that would require a WQCC Discharge Permit now or in the future, then you will be required to renew or obtain a WQCC Discharge Permit. If you have any questions regarding this matter, please contact Glenn von Gonten at 505-476-3488.

Thank you for your cooperation.

Jami Bailey Director

JB/gvg

#### ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

	· · · · · · · · · · · · · · · · · · ·		•	
I hereby acknowledge receipt of	check No		dated	6/18/08
or cash received on	_ in the amount of \$	1700	20	
from Weatherfo	rd	·		
for <u>Gw- 781</u>				
Submitted by: LAWI Engl	E Korrero	_ Date:	7/2	08
Submitted to ASD by:	and Conurs	_ Date:	7/8/	08
Received in ASD by:		_ Date:		
Filing Fee Ne	w Facility F	Renewal		
Modification Ot	her	<u>,,,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,</u>		
Organization Code521.07	Applicable	FY_2004		
To be deposited in the Water Qu	ality Management Fund	1.		
Full Payment or	Annual Increment			



RECEIVED

# 2008 JUL 2 PM 3 01

June 30, 2008

Mr. Leonard Lowe Oil Conservation Division, EMNRD 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: OCD Discharge Plan # GW-281-----Discharge Plan Renewal GW-281 for Weatherford U.S., L.P. DIS Located at 850 S Browning Pkwy. Farmington, New Mexico

Dear Mr. Lowe,

Please find included with this letter a signed copy of the Discharge Permit Renewal for the GW-281 Weatherford U.S.,L.P. Drilling Intervention Service (DIS) Facility located at 850 S. Browning Pkwy. Farmington, New Mexico. Also included please find a check for \$ 1,700.00 to satisfy the permit fee.

Weatherford has appreciated the timely assistance received from NM OCD personnel in preparing this plan and renewal. If there are any questions or comments regarding this plan please contact CB Jacobson at (801) 491-0527.

Sincerely, Weatherford International, Inc.

CB Jacobson Senior Environmental Project Manager HSSE

Attms.

#### ATTACHMENT- DISCHARGE PERMIT APPROVAL CONDITIONS

1. Payment of Discharge Plan Fees: All discharge permits are subject to WQCC Regulations. Every billable facility that submits a discharge permit application will be assessed a filing fee of \$100.00, plus a flat fee (*see* WQCC Regulation 20.6.2.3114 NMAC). The Oil Conservation Division ("OCD") has received the required \$100.00 filing fee. The flat fee for a Oil and Gas Service Company is \$1700.00. Please submit this amount along with the signed certification item 23 of this document after the final permit is issued in approximately 45 days. Checks should be made out to the New Mexico Water Quality Management Fund.

2. Permit Expiration, Renewal Conditions and Penalties: Pursuant to WQCC Regulation 20.6.2.3109.H.4 NMAC, this permit is valid for a period of five years. The permit will expire on June, 11, 2012 and an application for renewal should be submitted no later than 120 days before that expiration date. Pursuant to WQCC Regulation 20.6.2.3106.F NMAC, if a discharger submits a discharge permit renewal application at least 120 days before the discharge permit expires and is in compliance with the approved permit, then the existing discharge permit will not expire until the application for renewal has been approved or disapproved. *Expired permits are a violation of the Water Quality Act {Chapter 74, Article 6, NMSA 1978} and civil penalties may be assessed accordingly.* 

3. Permit Terms and Conditions: Pursuant to WQCC Regulation 20.6.2.3104 NMAC, when a permit has been issued, the owner/operator must ensure that all discharges shall be consistent with the terms and conditions of the permit. In addition, all facilities shall abide by the applicable rules and regulations administered by the OCD pursuant to the Oil and Gas Act, NMSA 1978, Sections 70-2-1 through 70-2-38.

4. **Owner/Operator Commitments:** The owner/operator shall abide by all commitments submitted in its March, 2008 discharge plan application, including attachments and subsequent amendments and these conditions for approval. Permit applications that reference previously approved plans on file with the division shall be incorporated in this permit and the owner/operator shall abide by all previous commitments of such plans and these conditions for approval.

5. Modifications: WQCC Regulation 20.6.2.3107.C and 20.6.2.3109 NMAC addresses possible future modifications of a permit. The owner/operator (discharger) shall notify the OCD of any facility expansion, production increase or process modification that would result in any significant modification in the discharge of water contaminants. The Division Director may require a permit modification if any water quality standard specified at 20.6.2.3103 NMAC is being or will be exceeded, or if a toxic pollutant as defined in WQCC Regulation 20.6.2.7 NMAC is present in ground water at any place of withdrawal for present or reasonably foreseeable future use, or that the Water Quality Standards for Interstate and Intrastate streams as specified in 20.6.4 NMAC are being or may be violated in surface water in New Mexico.

6. Waste Disposal and Storage: The owner/operator shall dispose of all wastes at an OCDapproved facility. Only oil field RCRA-exempt wastes may be disposed of by injection in a Class II well. RCRA non-hazardous, non-exempt oil field wastes may be disposed of at an OCDapproved facility upon proper waste determination pursuant to 40 CFR Part 261. Any waste

stream that is not listed in the discharge permit application must be approved by the OCD on a case-by-case basis.

A. OCD Rule 712 Waste: Pursuant to OCD Rule 712 (19.15.9.712 NMAC) disposal of certain non-domestic waste without notification to the OCD is allowed at NMED permitted solid waste facilities if the waste stream has been identified in the discharge permit and existing process knowledge of the waste stream does not change.

**B.** Waste Storage: The owner/operator shall store all waste in an impermeable bermed area, except waste generated during emergency response operations for up to 72 hours. All waste storage areas shall be identified in the discharge permit application. Any waste storage area not identified in the permit shall be approved on a case-by-case basis only. The owner/operator shall not store oil field waste on-site for more than 180 days unless approved by the OCD.

7. **Drum Storage:** The owner/operator must store all drums, including empty drums, containing materials other than fresh water on an impermeable pad with curbing. The owner/operator must store empty drums on their sides with the bungs in place and lined up on a horizontal plane. The owner/operator must store chemicals in other containers, such as tote tanks, sacks, or buckets on an impermeable pad with curbing.

8. Process, Maintenance and Yard Areas: The owner/operator shall either pave and curb or have some type of spill collection device incorporated into the design at all process, maintenance, and yard areas which show evidence that water contaminants from releases, leaks and spills have reached the ground surface.

9. Above Ground Tanks: The owner/operator shall ensure that all aboveground tanks have impermeable secondary containment (e.g., liners and berms), which will contain a volume of at least one-third greater than the total volume of the largest tank or all interconnected tanks. The owner/operator shall retrofit all existing tanks before discharge permit renewal. Tanks that contain fresh water or fluids that are gases at atmospheric temperature and pressure are exempt from this condition.

**10.** Labeling: The owner/operator shall clearly label all tanks, drums, and containers to identify their contents and other emergency notification information. The owner/operator may use a tank code numbering system, which is incorporated into their emergency response plans.

#### 11. Below-Grade Tanks/Sumps and Pits/Ponds.

A. All below-grade tanks and sumps must be approved by the OCD prior to installation and must incorporate secondary containment with leak detection into the design. The owner/operator shall retrofit all existing systems without secondary containment and leak detection before discharge permit renewal. All existing below-grade tanks and sumps without secondary containment and leak detection must be tested annually or as specified herein. Systems that have secondary containment with leak detection shall have a monthly inspection of the leak detection system to determine if the primary containment is leaking. Small sumps or depressions in secondary containment systems used to facilitate fluid removal are exempt from these requirements if fluids are removed within 72 hours.

**B.** All pits and ponds, including modifications and retrofits, shall be designed by a certified registered professional engineer and approved by the OCD prior to installation. In general, all pits or ponds shall have approved hydrologic and geologic reports, location, foundation, liners, and secondary containment with leak detection, monitoring and closure plans. All pits or ponds shall be designed, constructed and operated so as to contain liquids and solids in a manner that will protect fresh water, public health, safety and the environment for the foreseeable future. The owner/operator shall retrofit all existing systems without secondary containment and leak detection before discharge permit renewal.

**C.** The owner/operator shall ensure that all exposed pits, including lined pits and open top tanks (8 feet in diameter or larger) shall be fenced, screened, netted, or otherwise rendered non-hazardous to wildlife, including migratory birds.

**D.** The owner/operator shall maintain the results of tests and inspections at the facility covered by this discharge permit and available for OCD inspection. The owner/operator shall report the discovery of any system which is found to be leaking or has lost integrity to the OCD within 15 days. The owner/operator may propose various methods for testing such as pressure testing to 3 pounds per square inch greater than normal operating pressure and/or visual inspection of cleaned tanks and/or sumps, or other OCD-approved methods. The owner/operator shall notify the OCD at least 72 hours prior to all testing.

#### **12.** Underground Process/Wastewater Lines:

A. The owner/operator shall test all underground process/wastewater pipelines at least once every five (5) years to demonstrate their mechanical integrity, except lines containing fresh water or fluids that are gases at atmospheric temperature and pressure. Pressure rated pipe shall be tested by pressuring up to one and one-half times the normal operating pressure, if possible, or for atmospheric drain systems, to 3 pounds per square inch greater than normal operating pressure, and pressure held for a minimum of 30 minutes with no more than a 1% loss/gain in pressure. The owner/operator may use other methods for testing if approved by the OCD.

**B.** The owner/operator shall maintain underground process and wastewater pipeline schematic diagrams or plans showing all drains, vents, risers, valves, underground piping, pipe type, rating, size, and approximate location. All new underground piping must be approved by the OCD prior to installation. The owner/operator shall report any leaks or loss of integrity to the OCD within 15 days of discovery. The owner/operator shall maintain the results of all tests at the facility covered by this discharge permit and they shall be available for OCD inspection. The owner/operator shall notify the OCD at least 72 hours prior to all testing.

13. Class V Wells: The owner/operator shall close all Class V wells (e.g., septic systems, leach fields, dry wells, etc.) that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes unless it can be demonstrated that ground water will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD-regulated facilities that inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that

inject domestic waste only, must be permitted by the New Mexico Environment Department (NMED).

14. Housekeeping: The owner/operator shall inspect all systems designed for spill collection/prevention and leak detection at least monthly to ensure proper operation and to prevent over topping or system failure. All spill collection and/or secondary containment devices shall be emptied of fluids within 72 hours of discovery. The owner/operator shall maintain all records at the facility and available for OCD inspection.

**15. Spill Reporting:** The owner/operator shall report all unauthorized discharges, spills, leaks and releases and conduct corrective action pursuant to WQCC Regulation 20.5.12.1203 NMAC and OCD Rule 116 (19.15.3.116 NMAC). The owner/operator shall notify both the OCD District Office and the Santa Fe Office within 24 hours and file a written report within 15 days.

16. OCD Inspections: The OCD performed an inspection of this facility on January 15, 2008. The inspection concluded no major concerns with the facility. Photographs of inspection are attached to this permit. The OCD only recommends the following: (1) reconfigure the 500 gallon diesel saddle tank so that the valve/hose of the tank is situated within the containment area. Failure of valve will result in a direct discharge on to the ground and (2) ensure that all secondary containment areas not have any idle fluids within its volume capacity, doing so will reduce the 133% total volume capacity of the containment. This facility has operated more than 11 months without a discharge permit. It is the responsibility of the permitee to resubmit their application 120 days before expiration.

17. Storm Water: The owner/operator shall implement and maintain run-on and runoff plans and controls. The owner/operator shall not discharge any water contaminant that exceeds the WQCC standards specified in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) including any oil sheen in any stormwater run-off. The owner/operator shall notify the OCD within 24 hours of discovery of any releases and shall take immediate corrective action(s) to stop the discharge.

18. Unauthorized Discharges: The owner/operator shall not allow or cause water pollution, discharge or release of any water contaminant that exceeds the WQCC standards listed in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) unless specifically listed in the permit application and approved herein. <u>An</u> <u>unauthorized discharge is a violation of this permit.</u>

**19.** Vadose Zone and Water Pollution: The owner/operator shall address any contamination through the discharge permit process or pursuant to WQCC 20.6.2.4000-.4116 NMAC (Prevention and Abatement of Water Pollution). The OCD may require the owner/operator to modify its permit for investigation, remediation, abatement, and monitoring requirements for any vadose zone or water pollution. Failure to perform any required investigation, remediation, abatement and submit subsequent reports will be a violation of the permit.

#### 20. Additional Site Specific Conditions: <u>N/A</u>

21. Transfer of Discharge Permit (WQCC 20.6.2.3111) Prior to any transfer of ownership, control, or possession (whether by lease, conveyance or otherwise) of a facility with a discharge permit, the transferor shall notify the transferee in writing of the existence of the discharge permit, and shall deliver or send by certified mail to the department a copy of such written notification, together with a certification or other proof that such notification has in fact been received by the transferee.

Upon receipt of such notification, the transferee shall have the duty to inquire into all of the provisions and requirements contained in such discharge permit, and the transferee shall be charged with notice of all such provisions and requirements as they appear of record in the department's file or files concerning such discharge permit. The transferee (new owner/operator) shall sign and return an original copy of these permit conditions and provide a written commitment to comply with the terms and conditions of the previously approved discharge permit.

**22.** Closure Plan and Financial Assurance: Pursuant to 20.6.2.3107 NMAC an owner/operator shall notify the OCD when any operations of the facility are to be discontinued for a period in excess of six months. Prior to closure, or as a condition of this permit, or request from the OCD, the operator will submit an approved closure plan, modified plan, and/or provide adequate financial assurance.

23. Certification: (Owner/Operator), by the officer whose signature appears below, accepts this permit and agrees to comply with all submitted commitments, including these terms and conditions contained here. Owner/Operator further acknowledges that the OCD may, for good cause shown, as necessary to protect fresh water, public health, safety, and the environment, change the conditions and requirements of this permit administratively.

<u>Conditions accepted by</u>: "I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment."

Weatherford U.S., L.P. Company Name-print name above Cecil B. Jacobson Company Representative- print name

Company Representative- Signature

Title Environmental Project Manager Date: 6-30-08

#### OCD Inspection: Weatherford, 850 S. Browning PKwy GW - 281 Inspectors: Brandon Powell and Leonard Lowe Company Rep: Mr. CB Jacobson and local Weatherford personnel

Date: 01.15.08

Time: 10:45 – 12:15



Photo 1: Diesel saddle tank within containment.



Photo 2: Significant containment for diesel



Photo 3: Containment around barrels with snow accumulation.



Photo 4: Waste Area has accumulated snow within containment area.

New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson Governor Joanna Prukop Cabinet Secretary Reese Fullerton Deputy Cabinet Secretary

Mark Fesmire Division Director Oil Conservation Division



June 3, 2008

Mr. CB Jacobson Weatherford International Ltd. 735 E. 1400 N Mapleton, Utah 84664

Re: Discharge Permit Renewal Fishing & Rental Oil and Gas Service Company (GW-281) SE/4 SW/4 Section 13, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico,

Dear Mr. Jacobson:

Pursuant to Water Quality Control Commission (WQCC) Regulations 20.6.2.3104 - 20.6.2.3114 NMAC, the Oil Conservation Division (OCD) hereby approves the discharge permit for the **Weatherford U.S., L.P.,** (owner/operator) for the above referenced site contingent upon the conditions specified in the enclosed **Attachment to the Discharge Permit**. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 30 working days of receipt of this letter including permit fees.** 

Please be advised that approval of this permit does not relieve the owner/operator of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does approval of the permit relieve the owner/operator of its responsibility to comply with any other applicable governmental authority's rules and regulations.

If you have any questions, please contact Leonard Lowe of my staff at (505-476-3492) or E-mail leonard.lowe@state.nm.us. On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge permit review.

Sincerely,

Wayne Price Environmental Bureau Chief

Attachments-1 xc: OCD District Office

> Oil Conservation Division \* 1220 South St. Francis Drive \* Santa Fe, New Mexico 87505 \* Phone: (505) 476-3440 \* Fax (505) 476-3462\* <u>http://www.emnrd.state.nm.us</u>



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16. OCD Inspections: The OCD performed an inspection of this facility on January 15, 2008. The inspection concluded no major concerns with the facility. Photographs of inspection are attached to this permit. The OCD only recommends the following: (1) reconfigure the 500 gallon diesel saddle tank so that the valve/hose of the tank is situated within the containment area. Failure of valve will result in a direct discharge on to the ground and (2) ensure that all secondary containment areas not have any idle fluids within its volume capacity, doing so will reduce the 133% total volume capacity of the containment. This facility has operated more than 11 months without a discharge permit. It is the responsibility of the permitee to resubmit their application 120 days before expiration.

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**19.** Vadose Zone and Water Pollution: The owner/operator shall address any contamination through the discharge permit process or pursuant to WQCC 20.6.2.4000-.4116 NMAC (Prevention and Abatement of Water Pollution). The OCD may require the owner/operator to modify its permit for investigation, remediation, abatement, and monitoring requirements for any vadose zone or water pollution. Failure to perform any required investigation, remediation, abatement and submit subsequent reports will be a violation of the permit.

#### 20. Additional Site Specific Conditions: <u>N/A</u>

21. Transfer of Discharge Permit (WQCC 20.6.2.3111) Prior to any transfer of ownership, control, or possession (whether by lease, conveyance or otherwise) of a facility with a discharge permit, the transferor shall notify the transferee in writing of the existence of the discharge permit, and shall deliver or send by certified mail to the department a copy of such written notification, together with a certification or other proof that such notification has in fact been received by the transferee.

Upon receipt of such notification, the transferee shall have the duty to inquire into all of the provisions and requirements contained in such discharge permit, and the transferee shall be charged with notice of all such provisions and requirements as they appear of record in the department's file or files concerning such discharge permit. The transferee (new owner/operator) shall sign and return an original copy of these permit conditions and provide a written commitment to comply with the terms and conditions of the previously approved discharge permit.

**22.** Closure Plan and Financial Assurance: Pursuant to 20.6.2.3107 NMAC an owner/operator shall notify the OCD when any operations of the facility are to be discontinued for a period in excess of six months. Prior to closure, or as a condition of this permit, or request from the OCD, the operator will submit an approved closure plan, modified plan, and/or provide adequate financial assurance.

23. Certification: (Owner/Operator), by the officer whose signature appears below, accepts this permit and agrees to comply with all submitted commitments, including these terms and conditions contained here. Owner/Operator further acknowledges that the OCD may, for good cause shown, as necessary to protect fresh water, public health, safety, and the environment, change the conditions and requirements of this permit administratively.

<u>Conditions accepted by</u>: "I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment."

Company Name-print name above		-
Company Representative- print name		-
Company Representative- Signature	• • • •	
Title		
Date:		

#### OCD Inspection: Weatherford, 850 S. Browning PKwy GW - 281 Inspectors: Brandon Powell and Leonard Lowe

Company Rep: Mr. CB Jacobson and local Weatherford personnel

Date: 01.15.08

Time: 10:45 – 12:15

Photo 1: Diesel saddle tank within containment.



Photo 2: Significant containment for diesel



Photo 3: Containment around barrels with snow accumulation.



Photo 4: Waste Area has accumulated snow within containment area.

#### Lowe, Leonard, EMNRD

From:Lowe, Leonard, EMNRDSent:Tuesday, April 01, 2008 2:59 PMTo:'Jacobson, Cecil B'Cc:Powell, Brandon, EMNRDSubject:GW-281, Administratively CompleteAttachments:GW-281, Admin Complete Letter.pdf; GW-281, Draft Permit.pdf; GW-281 OCD PN.pdf

Mr. CB Jacobson,

Your submitted renewal application for the Weatherford U.S., L.P., facility GW-281 has been deemed Administratively Complete.

Attached is the Admin. Complete letter, Draft Permit and the OCD version of public notice for your records.

Please submit to the NMOCD the (1) name of the newspaper you intend to publish notice in and the (2) Applicant version Public Notice for approval. Please wait until the NMOCD has approved your version of the public notice prior to publishing.

llowe

#### Leonard Lowe

Environmental Engineer Oil Conservation Division/EMNRD 1220 S. St. Francis Drive Santa Fe, N.M. 87505 Office: 505-476-3492 Fax: 505-476-3462 E-mail: <u>leonard.lowe@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/</u> New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson Governor Joanna Prukop Cabinet Secretary Reese Fullerton Deputy Cabinet Secretary

Mark Fesmire Division Director Oil Conservation Division



April 1, 2008

Mr. CB Jacobson

#### Re: Discharge Plan Renewal Permit GW-281 Weatherford U.S., L.P. Fishing and Rental facility, 850 S. Browning Parkway San Juan County, New Mexico

Dear Mr. Jacobson:

The New Mexico Oil Conservation Division (NMOCD) has received Weatherford U.S., L.P.'s request and initial fee, dated March 7, 2008, to renew GW-281 for the Weatherford Oil and Gas Service facility, 850 S. Browning Parkway, Farmington N.M., located in the SE/4 SW/4 of Section 13, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico. The initial submittal provided the required information in order to deem the application "administratively" complete.

Therefore, the New Mexico Water Quality Control Commission regulations (WQCC) notice requirements of 20.6.2.3108 NMAC must be satisfied and demonstrated to the NMOCD. NMOCD will provide public notice pursuant to the WQCC notice requirements of 20.6.2.3108 NMAC to determine if there is any public interest.

If there are any questions regarding this matter, please do not hesitate to contact me at (505) 476-3492 or <u>leonard.lowe@state.nm.us</u>. On behalf of the staff of the NMOCD, I wish to thank you and your staff for your cooperation during this discharge permit review.

Sincerely,

Leonard Lowe Environmental Engineer

LRL/lrl

xc: OCD District III Office, Aztec



New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson Governor Joanna Prukop Cabinet Secretary Reese Fullerton Deputy Cabinet Secretary

Mark Fesmire Division Director Oil Conservation Division



April 1, 2008

Mr. CB Jacobson Weatherford International Ltd. 735 E. 1400 N Mapleton, Utah 84664

Re: **DRAFT** Discharge Permit Renewal Fishing & Rental Oil and Gas Service Company (GW-281) SE/4 SW/4 Section 13, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico,

Dear Mr. Jacobson:

Pursuant to Water Quality Control Commission (WQCC) Regulations 20.6.2.3104 - 20.6.2.3114 NMAC, the Oil Conservation Division (OCD) hereby approves the discharge permit for the Weatherford U.S., L.P., (owner/operator) for the above referenced site contingent upon the conditions specified in the enclosed Attachment to the Discharge Permit. Enclosed are two copies of the conditions of approval. Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 30 working days of receipt of this letter including permit fees.

Please be advised that approval of this permit does not relieve the owner/operator of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does approval of the permit relieve the owner/operator of its responsibility to comply with any other applicable governmental authority's rules and regulations.

If you have any questions, please contact Leonard Lowe of my staff at (505-476-3492) or E-mail leonard.lowe@state.nm.us. On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge permit review.

Sincerely,

Wayne Price Environmental Bureau Chief

Attachments-1 xc: OCD District Office



Mr. CB Jacobson Weatherford U.S., L.P. GW -281 <u>DRAFT</u> April 1, 2008 Page 2

#### ATTACHMENT- DISCHARGE PERMIT APPROVAL CONDITIONS

1. Payment of Discharge Plan Fees: All discharge permits are subject to WQCC Regulations. Every billable facility that submits a discharge permit application will be assessed a filing fee of \$100.00, plus a flat fee (see WQCC Regulation 20.6.2.3114 NMAC). The Oil Conservation Division ("OCD") has received the required \$100.00 filing fee. The flat fee for a Oil and Gas Service Company is \$1700.00. Please submit this amount along with the signed certification item 23 of this document after the final permit is issued in approximately 45 days. Checks should be made out to the New Mexico Water Quality Management Fund.

2. Permit Expiration, Renewal Conditions and Penalties: Pursuant to WQCC Regulation 20.6.2.3109.H.4 NMAC, this permit is valid for a period of five years. The permit will expire on June, 11, 2012 and an application for renewal should be submitted no later than 120 days before that expiration date. Pursuant to WQCC Regulation 20.6.2.3106.F NMAC, if a discharger submits a discharge permit renewal application at least 120 days before the discharge permit expires and is in compliance with the approved permit, then the existing discharge permit will not expire until the application for renewal has been approved or disapproved. *Expired permits are a violation of the Water Quality Act {Chapter 74, Article 6, NMSA 1978} and civil penalties may be assessed accordingly.* 

3. **Permit Terms and Conditions:** Pursuant to WQCC Regulation 20.6.2.3104 NMAC, when a permit has been issued, the owner/operator must ensure that all discharges shall be consistent with the terms and conditions of the permit. In addition, all facilities shall abide by the applicable rules and regulations administered by the OCD pursuant to the Oil and Gas Act, NMSA 1978, Sections 70-2-1 through 70-2-38.

4. **Owner/Operator Commitments:** The owner/operator shall abide by all commitments submitted in its March, 2008 discharge plan application, including attachments and subsequent amendments and these conditions for approval. Permit applications that reference previously approved plans on file with the division shall be incorporated in this permit and the owner/operator shall abide by all previous commitments of such plans and these conditions for approval.

5. Modifications: WQCC Regulation 20.6.2.3107.C and 20.6.2.3109 NMAC addresses possible future modifications of a permit. The owner/operator (discharger) shall notify the OCD of any facility expansion, production increase or process modification that would result in any significant modification in the discharge of water contaminants. The Division Director may require a permit modification if any water quality standard specified at 20.6.2.3103 NMAC is being or will be exceeded, or if a toxic pollutant as defined in WQCC Regulation 20.6.2.7 NMAC is present in ground water at any place of withdrawal for present or reasonably foreseeable future use, or that the Water Quality Standards for Interstate and Intrastate streams as specified in 20.6.4 NMAC are being or may be violated in surface water in New Mexico.

6. Waste Disposal and Storage: The owner/operator shall dispose of all wastes at an OCDapproved facility. Only oil field RCRA-exempt wastes may be disposed of by injection in a Class II well. RCRA non-hazardous, non-exempt oil field wastes may be disposed of at an OCDapproved facility upon proper waste determination pursuant to 40 CFR Part 261. Any waste Mr. CB Jacobson Weatherford U.S., L.P. GW -281 <u>DRAFT</u> April 1, 2008 Page 3

stream that is not listed in the discharge permit application must be approved by the OCD on a case-by-case basis.

A. OCD Rule 712 Waste: Pursuant to OCD Rule 712 (19.15.9.712 NMAC) disposal of certain non-domestic waste without notification to the OCD is allowed at NMED permitted solid waste facilities if the waste stream has been identified in the discharge permit and existing process knowledge of the waste stream does not change.

**B.** Waste Storage: The owner/operator shall store all waste in an impermeable bermed area, except waste generated during emergency response operations for up to 72 hours. All waste storage areas shall be identified in the discharge permit application. Any waste storage area not identified in the permit shall be approved on a case-by-case basis only. The owner/operator shall not store oil field waste on-site for more than 180 days unless approved by the OCD.

7. **Drum Storage:** The owner/operator must store all drums, including empty drums, containing materials other than fresh water on an impermeable pad with curbing. The owner/operator must store empty drums on their sides with the bungs in place and lined up on a horizontal plane. The owner/operator must store chemicals in other containers, such as tote tanks, sacks, or buckets on an impermeable pad with curbing.

8. Process, Maintenance and Yard Areas: The owner/operator shall either pave and curb or have some type of spill collection device incorporated into the design at all process, maintenance, and yard areas which show evidence that water contaminants from releases, leaks and spills have reached the ground surface.

9. Above Ground Tanks: The owner/operator shall ensure that all aboveground tanks have impermeable secondary containment (e.g., liners and berms), which will contain a volume of at least one-third greater than the total volume of the largest tank or all interconnected tanks. The owner/operator shall retrofit all existing tanks before discharge permit renewal. Tanks that contain fresh water or fluids that are gases at atmospheric temperature and pressure are exempt from this condition.

**10.** Labeling: The owner/operator shall clearly label all tanks, drums, and containers to identify their contents and other emergency notification information. The owner/operator may use a tank code numbering system, which is incorporated into their emergency response plans.

#### 11. Below-Grade Tanks/Sumps and Pits/Ponds.

A. All below-grade tanks and sumps must be approved by the OCD prior to installation and must incorporate secondary containment with leak detection into the design. The owner/operator shall retrofit all existing systems without secondary containment and leak detection before discharge permit renewal. All existing below-grade tanks and sumps without secondary containment and leak detection must be tested annually or as specified herein. Systems that have secondary containment with leak detection shall have a monthly inspection of the leak detection system to determine if the primary containment is leaking. Small sumps or depressions in secondary containment systems used to facilitate fluid removal are exempt from these requirements if fluids are removed within 72 hours.

**B.** All pits and ponds, including modifications and retrofits, shall be designed by a certified registered professional engineer and approved by the OCD prior to installation. In general, all pits or ponds shall have approved hydrologic and geologic reports, location, foundation, liners, and secondary containment with leak detection, monitoring and closure plans. All pits or ponds shall be designed, constructed and operated so as to contain liquids and solids in a manner that will protect fresh water, public health, safety and the environment for the foreseeable future. The owner/operator shall retrofit all existing systems without secondary containment and leak detection before discharge permit renewal.

**C.** The owner/operator shall ensure that all exposed pits, including lined pits and open top tanks (8 feet in diameter or larger) shall be fenced, screened, netted, or otherwise rendered non-hazardous to wildlife, including migratory birds.

**D.** The owner/operator shall maintain the results of tests and inspections at the facility covered by this discharge permit and available for OCD inspection. The owner/operator shall report the discovery of any system which is found to be leaking or has lost integrity to the OCD within 15 days. The owner/operator may propose various methods for testing such as pressure testing to 3 pounds per square inch greater than normal operating pressure and/or visual inspection of cleaned tanks and/or sumps, or other OCD-approved methods. The owner/operator shall notify the OCD at least 72 hours prior to all testing.

#### 12. Underground Process/Wastewater Lines:

A. The owner/operator shall test all underground process/wastewater pipelines at least once every five (5) years to demonstrate their mechanical integrity, except lines containing fresh water or fluids that are gases at atmospheric temperature and pressure. Pressure rated pipe shall be tested by pressuring up to one and one-half times the normal operating pressure, if possible, or for atmospheric drain systems, to 3 pounds per square inch greater than normal operating pressure, and pressure held for a minimum of 30 minutes with no more than a 1% loss/gain in pressure. The owner/operator may use other methods for testing if approved by the OCD.

**B.** The owner/operator shall maintain underground process and wastewater pipeline schematic diagrams or plans showing all drains, vents, risers, valves, underground piping, pipe type, rating, size, and approximate location. All new underground piping must be approved by the OCD prior to installation. The owner/operator shall report any leaks or loss of integrity to the OCD within 15 days of discovery. The owner/operator shall maintain the results of all tests at the facility covered by this discharge permit and they shall be available for OCD inspection. The owner/operator shall notify the OCD at least 72 hours prior to all testing.

13. Class V Wells: The owner/operator shall close all Class V wells (e.g., septic systems, leach fields, dry wells, etc.) that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes unless it can be demonstrated that ground water will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD-regulated facilities that inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that

Mr. CB Jacobson Weatherford U.S., L.P. GW -281 <u>DRAFT</u> April 1, 2008 Page 5

inject domestic waste only, must be permitted by the New Mexico Environment Department (NMED).

14. Housekeeping: The owner/operator shall inspect all systems designed for spill collection/prevention and leak detection at least monthly to ensure proper operation and to prevent over topping or system failure. All spill collection and/or secondary containment devices shall be emptied of fluids within 72 hours of discovery. The owner/operator shall maintain all records at the facility and available for OCD inspection.

**15. Spill Reporting:** The owner/operator shall report all unauthorized discharges, spills, leaks and releases and conduct corrective action pursuant to WQCC Regulation 20.5.12.1203 NMAC and OCD Rule 116 (19.15.3.116 NMAC). The owner/operator shall notify both the OCD District Office and the Santa Fe Office within 24 hours and file a written report within 15 days.

**16. OCD Inspections:** The OCD may place additional requirements on the facility and modify the permit conditions based on OCD inspections.

17. Storm Water: The owner/operator shall implement and maintain run-on and runoff plans and controls. The owner/operator shall not discharge any water contaminant that exceeds the WQCC standards specified in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) including any oil sheen in any stormwater run-off. The owner/operator shall notify the OCD within 24 hours of discovery of any releases and shall take immediate corrective action(s) to stop the discharge.

18. Unauthorized Discharges: The owner/operator shall not allow or cause water pollution, discharge or release of any water contaminant that exceeds the WQCC standards listed in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) unless specifically listed in the permit application and approved herein. <u>An</u> unauthorized discharge is a violation of this permit.

**19.** Vadose Zone and Water Pollution: The owner/operator shall address any contamination through the discharge permit process or pursuant to WQCC 20.6.2.4000-.4116 NMAC (Prevention and Abatement of Water Pollution). The OCD may require the owner/operator to modify its permit for investigation, remediation, abatement, and monitoring requirements for any vadose zone or water pollution. Failure to perform any required investigation, remediation, abatement and submit subsequent reports will be a violation of the permit.

20. Additional Site Specific Conditions: <u>N/A</u>

21. Transfer of Discharge Permit (WQCC 20.6.2.3111) Prior to any transfer of ownership, control, or possession (whether by lease, conveyance or otherwise) of a facility with a discharge permit, the transferor shall notify the transferee in writing of the existence of the discharge permit, and shall deliver or send by certified mail to the department a copy of such written notification, together with a certification or other proof that such notification has in fact been received by the transferee.

Mr. CB Jacobson Weatherford U.S., L.P. GW -281 <u>DRAFT</u> April 1, 2008 Page 6

Upon receipt of such notification, the transferee shall have the duty to inquire into all of the provisions and requirements contained in such discharge permit, and the transferee shall be charged with notice of all such provisions and requirements as they appear of record in the department's file or files concerning such discharge permit. The transferee (new owner/operator) shall sign and return an original copy of these permit conditions and provide a written commitment to comply with the terms and conditions of the previously approved discharge permit.

**22.** Closure Plan and Financial Assurance: Pursuant to 20.6.2.3107 NMAC an owner/operator shall notify the OCD when any operations of the facility are to be discontinued for a period in excess of six months. Prior to closure, or as a condition of this permit, or request from the OCD, the operator will submit an approved closure plan, modified plan, and/or provide adequate financial assurance.

23. Certification: (Owner/Operator), by the officer whose signature appears below, accepts this permit and agrees to comply with all submitted commitments, including these terms and conditions contained here. Owner/Operator further acknowledges that the OCD may, for good cause shown, as necessary to protect fresh water, public health, safety, and the environment, change the conditions and requirements of this permit administratively.

<u>Conditions accepted by</u>: "I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment."

Company Name-print name above

Company Representative- print name

Company Representative- Signature

Title

Date:\_\_\_\_\_

#### NOTICE OF PUBLICATION

#### STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations (20.6.2.3106 NMAC), the following discharge permit application(s) has been submitted to the Director of the New Mexico Oil Conservation Division ("NMOCD"), 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-281) Weatherford U.S., L.P., 515 Post Oak Boulevard, Suite 600, Houston, TX 77027, has submitted a renewal application for their previously approved discharge plan permit for their Fishing and Rental Oil and Gas Service Company, 850 S. Browning Parkway, Farmington, N.M., located in the SE/4 SW/4 of Section 13, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico. The facility provides down hole wire line service, fishing services and rentals of oilfield tools pipe and equipment for the exploration of oil and natural gas. Approximately 500 gallons of diesel, 6,600 gallons/month of wash water, 650 gallons/month of sump sludge and 200 gallons/month of used oil will be stored and generated on site. Fluids shall be placed in approved containers and properly stored within secondary containment. All waste streams shall be manifested accordingly. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 40 - 45 feet, with a total dissolved solids concentration of approximately 1000 - 2000 mg/L. The discharge plan addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

The NMOCD has determined that the application is administratively complete and has prepared a draft permit. The NMOCD will accept comments and statements of interest regarding this application and will create a facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list for future notices may contact the Environmental Bureau Chief of the Oil Conservation Division at the address given above. The administrative completeness determination and draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or may also be viewed at the NMOCD web site <a href="http://www.enund.state.nm.us/ocd/">http://www.enund.state.nm.us/ocd/</a>. Persons interested in obtaining a copy of the application and draft permit may contact the NMOCD at the address given above. Prior to ruling on any proposed discharge permit or major modification, the Director shall allow a period of at least thirty (30) days after the date of publication of this notice, during which interested persons may submit comments or request that NMOCD hold a public hearing. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines that there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed permit based on information available, including all comments received. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit application and information submitted at the hearing.

Para obtener más información sobre esta solicitud en espanôl, sirvase comunicarse por favor: New Mexico Energy, Minerals and Natural Resources Department (Depto. Del Energia, Minerals y Recursos Naturales de Nuevo México), Oil Conservation Division (Depto. Conservacio'n Del Petróleo), 1220 South St. Francis Drive, Santa Fe, New México (Contacto: Dorothy Phillips, 505-476-3461)

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 1<sup>th</sup> day of April 2008.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION \$

- 10 m

S E A L

Mark Fesmire, Director

# ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No.
or cash received on in the amount of \$O
from WeatherFord
for $GW - \partial \delta I$
Submitted by: CAUTENCE Portero Date: 3/18/08
Submitted to ASD by: Jawane Former Date: 3/18/08
Received in ASD by: Date:
Filing Fee New Facility Renewal
Modification Other
Organization Code <u>521.07</u> Applicable FY <u>2004</u>
To be deposited in the Water Quality Management Fund.
Full Payment or Annual Increment

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March 7, 2008

2068 MAR 12 PM 12 43

RECEIVED

والمحادية والمجار بتحافين محجا محادث المتحو الموا

Mr. Leonard Lowe Oil Conservation Division, EMNRD 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: OCD Discharge Plan # GW-281-----Discharge Plan Renewal GW-281 for Weatherford U.S., L.P. Fishing & Rental Facility, 850 South Browning Parkway, Farmington, New Mexico

Dear Mr. Lowe:

Weatherford U.S.,L.P. is pleased to submit this Discharge Plan Renewal for the Weatherford U.S., L.P. Fishing and Rental Facility located at 850 South Browning Parkway, Farmington, New Mexico. Weatherford personnel have reviewed this plan and have given their approval for its submission. The plan renewal has changes and additions from the original plan in the following areas:

SEC. 6 Some minor changes in the chemical lists,

SEC. 10 Inspection procedure for the wash water collection system including sumps and piping, Maintenance and inspection check off sheet,

Weatherford has included a \$ 100.00 check for the filing fee for the renewal submission. Weatherford's environmental office in Houston, Texas will handle the flat fees for oil and gas field service facilities.

Weatherford has appreciated the timely assistance received from NM OCD personnel in preparing this plan and renewal. If there are any questions or comments regarding this plan please contact CB Jacobson at (801) 491-0527.

Sincerely, Weatherford International, Inc.

CB Jacobson Senior Environmental Project Manager HSSE

Attm.

CC. Mike Etheredge, Weatherford Fishing & Rental Joe Dandy, Weatherford U.S., L.P.

<u>Di</u> 16 <u>Di</u> 13 <u>Di</u> 10 <u>Di</u> 12	<u>strict I</u> 25 N. French Dr., Hobbs, NM 88240 <u>strict II</u> 01 W. Grand Avenue, Artesia, NM 88210 <u>strict III</u> 00 Rio Brazos Road, Aztec, NM 87410 <u>strict IV</u> 20 S. St. Francis Dr., Santa Fe, NM 87505	State of New Energy Minerals and Oil Conservati 1220 South St. Santa Fe, N	v Mexico Natural Resources on Division Francis Dr. M 87505	Revised January 24, 2001 Submit Original Plus 1 Copy to Santa Fe 1 Copy to Appropriate District Office
	DISCHARGE PLAN APPLIC REFINERIES, CON AND C (Refer to the OCD G	ATION FOR SE APRESSOR, GI RUDE OIL PUI uidelines for assistance	ERVICE COMPANIES EOTHERMAL FACILI MP STATIONS ex in completing the application	,GAS PLANTS, ITES )
	New	X Renewal	Modification	
1.	Type: <u>Oilfield Service Facility</u>			
2.	Operator:Weatherford U.S.,L.P.			
	Address: <u>850 S. Browning Parkway H</u>	Farmington, New Mex	kico 87401	
	Contact Person: <u>Mr. Mike Etheredge</u>		Phone:905) 327	7-6341
3.	Location: <u>SE</u> /4 <u>SW</u> Submit large	_/4 Section1 e scale topographic m	<u>3</u> Township <u>29 N</u> ap showing exact location.	Range 13 W
4.	Attach the name, telephone number and a	address of the landow	mer of the facility site.	
5.	Attach the description of the facility with	n a diagram indicating	location of fences, pits, dikes a	and tanks on the facility.
6.	Attach a description of all materials store	ed or used at the facili	ity.	
7.	Attach a description of present sources o must be included.	f effluent and waste s	olids. Average quality and dail	y volume of waste water
8.	Attach a description of current liquid and	1 solid waste collectio	n/treatment/disposal procedure	S.
9.	Attach a description of proposed modific	cations to existing col	lection/treatment/disposal syste	ms.
10	Attach a routine inspection and mainten	ance plan to ensure p	ermit compliance.	
11	Attach a contingency plan for reporting	and clean-up of spills	or releases.	
12	Attach geological/hydrological informat	tion for the facility. I	Depth to and quality of ground v	vater must be included.
13	Attach a facility closure plan, and other rules, regulations and/or orders.	information as is nec	essary to demonstrate complian	ce with any other OCD
.1. ,	4. CERTIFICATIONI hereby certify that of my knowledge and belief. Name: <u>MICAGE</u> ZHARK	the information subm	itted with this application is tru Title: $D_{1}$ . $State$ Date: $3408$	e and correct to the best



# Weatherford U.S., Limited Partnership

Discharge Plan Renewal for GW-281 Weatherford U.S., L.P. Fishing & Rental Located at

> 850 S. Browning Parkway Farmington, New Mexico

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C OCD Notification Reporting Form

# **1. Type of Oilfield Service Facility**

Weatherford U.S., Limited Partnership, is preparing this Renewal to the Discharge Plan GW-281 for their oilfield service facility located at 850 S. Browning Parkway in Farmington, New Mexico in compliance with the New Mexico Oil and Gas Act and the Water Quality Act. The New Mexico Oil Conservation Division (OCD) administers these regulations with approval of the New Mexico Water Quality Control Commission (WQCC). This Discharge Plan sets forth the details of the methods and techniques to be used at the facility to prevent unauthorized discharge of liquids and ensure compliance with WQCC and OCD regulations. WQCC Regulation 3106.B requires submittal and approval of a Discharge Plan prior to start of facility discharges. The following sections provide the Discharge Plan information required by the ODC for Oilfield Service Facilities.

The Weatherford facility covered by this Discharge Plan provides down hole wire line and fishing services and rents oilfield tools pipe and equipment used for the exploration and production of crude oil and natural gas. Rental equipment returned from the field is steamed cleaned to remove oil, grease and drilling mud, repaired if necessary and repainted prior to being returned to the rental inventory. The equipment will remain in inventory until the next rental.

The facility does not perform any on-site waste disposal. All wastes produced by the facility are transported off-site by licensed transporters and recycled or disposed by permitted operators.

# 2. Facility Operator

The operator of the facility is:

Weatherford U.S., L. P. 515 Post Oak Boulevard, Suite 600 Houston, Texas 77027 (713) 693-4000

The Farmington location facility contact person is:

Mr. Mike Etheredge 850 S. Browning Parkway Farmington, New Mexico 87401 (505) 327-6341

# **3. Facility Location**

The facility is located at 850 S. Browning Parkway, Farmington, New Mexico. The site is located in the SE / 4, of the SW / 4, of Section 13, Township 29 N, Range 13 W in San Juan County, New Mexico. A USGS topographic map showing the approximate location of the facility is provided as Figure 1. However, the USGS map has not been revised since 1979 and Browning Parkway was not constructed at that time. Figure 2 is an aerial photo of the site illustrating the approximate location of the facility.


#### 4. Landowner of Facility

The landowner is:

Mr. Chuck Hagen Hagen-Dimmick Development, Ltd 205 N. Auburn Farmington, NM Phone (505) 325-8863



#### 5. Facility Description

The facility is located within the City of Farmington. Water and sewer services are supplied by the city. The facility is located on a 10-acre parcel with one steel building on the west side of the property. The facility is fully fenced and gated accept for the asphalt paved parking area around the offices. A site plot plan of the facility indicating the locations of the facility structures, containment areas and fencing is provided as Figure 3.

The facility was built in 1997 for Weatherford to house their Rental Tool, Fishing Tool and Wellhead Service Groups. The west side of the building contains offices. The Fishing and Rental Tool and Wellhead Services use the remainder of the building as a shop. Activities associated with these services include equipment warehousing, steam cleaning, repair and painting. Repair, painting and steam cleaning are all performed in the southeast section of the building. A central trench drain and sump are located in this section. The sump gravity drains to an inground three-stage oil water separator that is located in the water treatment room on the east side of the building. There is also a LANDA CLP-30 water treatment unit used to treat the water prior to discharge to the sewer system. Weatherford has submitted all required fillings with the City of Farmington Wastewater Treatment Plant Industrial Pretreatment Program and received permission to discharge treated wash water to the sewer.

The fenced vard is used primarily for pipe and equipment storage. Two containment pads with 8 inch curbs have been constructed. A 12 by 35 foot containment pad located in the south side of the pipe yard is used for waste drum storage. The containment pad located at the east end of the building is used for new chemical drum storage and a 300 gallon used oil tank. Also, a three foot containment wall surrounds a 500 gallon diesel aboveground storage tank at the east end of the building. The concrete containment structures are sloped to a low corner where rainwater can be collected as well as any releases from the containers. Unimpacted rainwater collected in the storage area will be released to the ground. Impacted rainwater will be drummed, tested and disposed of as appropriate. Any waste spilled within the containment area will be collected, tested and disposed of as appropriate. There is also a concrete pad for all dirty blow out preventer valves (BOPs). Storm water drainage is controlled by berms and trenches along the fence line of the yard. A catch basin is located in the southwest section of the yard. All of these features are located on the Site Plot Plan Figure. 3.



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#### 6. List of Materials Stored or Used at the Facility

Table 1 provides a list of materials currently used by the Weatherford 850 S. Browning Parkway facility, the quantity stored, storage location and the method of Disposal are listed for each material. MSDS sheets for all chemical products are kept at the site.

Safety Klean - parts cleaner	SOLVENTS/DEGREASERS		PAINT THINNER	Excalibure Yellow	Excalibure White	Excalibure Red	Krylon - bright gold	Excalibure - flat white	Excalibure - yellow	Excalibure - red	PAINT	Brand Name	Product Type/	
liquid				liquid	liquid	liquid	aerosol	aerosol	aerosol	aerosol		Solid/Liquid		
16 gallon drum				1 gallon can	1 gallon can	1 gallon can	12 oz can	12 oz can	12 oz can	12 oz can		Container	Type of	
				2	4	œ	12	18	2	12		Containers Stored	Number of	
shop r				shop - flammible cabinet		Location	Storage							
eturned to Safety Klean for recycling				empties put into municipal trash		Disposed	How							

	G	T
Diesel	asoline	UELS
liquid	liquid	
500 gallons	5 gallon can	-
1 tank	4	
east side of building	shop	
none disposed	none disposed	

# MISCELLANEOUS

# TABLE -1 PRODUCTS USED/STORED AT FACILITY

empties put into municipal tras	shop - flammible cabinet	4	12 oz can	aerosol	WD-40
empties put into municipal t	containment pad	თ	55 gallon drum	liquid	COROSION Inhibitor
empties put into municipal t	containment pad	2	55 gallon drum	liquid	Shale treatment
empties put into municipal ti	containment pad	ы	55 gallon drum	solid	485 Foamer
empties returned to vendo	containment pad	11	5 gallon bucket	liquid	Allied Polymer
empties returned to vendo	shop	ω	5 gallon buckets	liquid	Chevron water solubol Oil
empties put into municipal tr	containment pad	4	55 gallon drum	liquid	Corr Foam
empties put into municipal tr	containment pad	10	55 gallon drum	liquid	WFT-FM A-100
empties put into municipal tr	shop - flammible cabinet		1 gallon plastic	liquid	AIR break ANTIFREEZE
empties returned to vende	water treatment room	1	55 gallon drum	liquid	Alum
empties returned to vende	water treatment room	1	55 gallon drum	liquid	Na Hyperchloride
					OTHER CHEMICALS
empties put into municipal tr	shop - flammible cabinet	4	1 quart plastic	liquid	Pyrol - power steering fluid
empties put into municipal tr	shop - flammible cabinet		15 oz can	aerosol	Dyna System - anti-sieze
empties put into municipal tr	shop - flammible cabinet	2	12 oz can	aerosol	LE-259 - penetrant
empties put into municipal ti	shop - flammible cabinet	12	12 oz can	aerosol	MD-113 Moly Film lube
empties put into municipal ti	shop	40	5 gallon bucket	liquid	Royal Purpol motor syn oil
empties put into municipal ti	shop	72	14 oz Tubes	solid	Royal Purple - Grease
empties put into municipal t	shop	20	5 gallon busket	liquid	Royal Purple - Hydraulic oil
empties put into municipal t	shop - paint room	_ <b>→</b>	1 gallon plastic	liquid	L-X gas supplement
empties put into municipal t	shop - paint room		1 gallon plastic	liquid	Wagner - brake fluid
empties put into municipal ti	shop - paint room	18	1 gallon plastic	liquid	Chevron - Delo motor oil
empties put into municipal ti	shop - paint room	ω	5 gallon	liquid	Liquid-O-Ring
empties put into municipal t	shop - flammible cabinet	24	14 oz can	aerosol	ZEP - dry moly spray
					LUBRICANTS/OILS
Disposed	Location	<b>Containers Stored</b>	Container	Solid/Liquid	Brand Name
How	Storage	Number of	Type of		

PRODUCTS USED/STORED AT FACILITY	TABLE -1
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#### 7. Present Sources of Effluent and Waste Solids

A description of the waste generating processes and the quantity of waste generated is provided below.

WASTE TYPE	COMPOSITION	VOLUME PER	DISPOSAL
	OR SOURCE	MONTH	NOTES
Truck Wastes	None	NA	NA
Truck/Tank Washing	None	NA	NA
Wash Water from Steam Cleaning of Equipment	Wash Water Treated by LANDA WLP-30 Unit including Filtration, Carbon Absorption and Chlorination	300 gallons of water per day approximately 6,600 gallons / month	Disposal to sewer from Water Treatment Unit
Sump Sludge from Steam Cleaning of Equipment	Wash Sludge Containing Dirt and Hydrocarbons	Vacuum truck pumps sumps 6 times per/yr 650 gallons per/month	Disposed as Non-Haz Waste Through Safety Kleen
Used Antifreeze	From Foaming Unit Engines	10 gallons	Collected and stored in drums for recycle or disposal
Slop Oil	Oil collected by water treatment system	10 gallons	Collected from oil water separator stored in 300 gallon tank for disposal
Used Lubrication Hydraulic Oil and Motor Oils	Hydraulic equipment/motors	200 gallons per month Tank is pumped every other month	Collected and stored in 300 gallon Tank for disposal by Safety Kleen
Solvents	Safety Kleen (parts cleaner from inspection, repair activities)	15 gallons	Serviced and disposed by Safety Kleen as Haz-waste every 2 months
Paint Wastes	No paint thinner used at the facility	0.0	No Paint Thinner Paint cans are dried and disposed through municipal waste
Other Waste Solids	Empty aerosol and lubricant containers	10 containers	Crushed and disposed as municipal waste

#### 8. Current Liquid and solids Collection / Treatment / Disposal Procedures

A description of the waste collection, treatment and disposal for each of the waste streams described in the previous section is provided below. Manifests for shipments of sump sludge, oil and Safety Kleen solvent are provided in Appendix A.

#### 8.1. Wash Water Collection/Treatment/Disposal

The wash water collection and treatment system is located within the shop at the eastern end of the shop. The collection system was designed to collect the wastewater generated during the steam cleaning of returned equipment. The concrete floor of the shop is sloped so that all liquids drain to a trench drain or wash bay sump. The trench drain measures 1-foot wide by 1-foot deep and is constructed out of 6-inch thick, steel reinforced concrete. The trench drain measures approximately 41 feet in length. At the eastern end of the floor drain is a 5 feet long section of 4-inch diameter, SCHD 40 PVC pipe that gravity drains water from the floor drain to a 6'3" by 3'4" by 4' deep 1,250 gallon, concrete sediment trap (sump). Water collected in the sump, then gravity flows approximately 24 feet through a 4-inch diameter SCHD 40 PVC pipe to the below grade oil/water separator. The trench drain, piping and sump are located within a 40 mil HDPE continuous membrane liner with a monitoring well located on the east side of the sump.

The separator consists of a 12 feet long by 4 feet diameter fiberglass tank with 3 interior chambers. The bottom of the tank is approximately 6 feet below grade. The in ground separator and piping are contained within a 40 mil HDPE continuous membrane liner with a monitoring well located at the east end of the separator. Water from the final chamber in the oil/water separator is pumped to a LANDA CLP-7023A self-contained wash water recycling system which is located above grade and adjacent to the oil/water separator. The LANDA CLP-7023A is regularly serviced by WET out of Albuquerque. Oil collected in the oil/water separator is pumped out and placed into drums for off-site shipment and recycling.

The CLP unit consists of a multi-media sand filter, polyester cartridge filter and activated carbon filter to remove suspended solids, organics and low levels of metals from the wash water. In addition, the CLP unit also has a separate oil skimmer to collect any oil that passes through the oil/water separator, a pH controller to maintain the water's pH and an ozone and chlorine injector to control odors.

Water from the CLP unit is discharge to the city sewer service via an underground line. Approximately 300 gallons per day are discharged to the city sewer as part of daily washing operations at the facility. Weatherford has submitted all required fillings with the City of Farmington Wastewater Treatment Plant Industrial Pretreatment Program and received permission to discharge treated wash water to the sewer.

The entire wastewater collection and treatment system is underlain with a 40-mil HDPE, welded seam liner system. A leachate detection/collection system, consisting of a 4-inch diameter PVC well, is located adjacent to the east end of the oil/water separator and collection sump. Weatherford personnel monitor each of these wells monthly.

#### 8.2. Solids/Sludge from Sumps

Solids and sludge are produced during the steam cleaning of equipment and will be captured in the sediment trap (sump) within the shop. The sump wastes consist of a mixture of sand, grit and drilling mud that has been impacted with hydrocarbons. Approximately every other month Safety Kleen vacuums sump sludge from the sumps. The sludge is transported off site for disposal at a licensed disposal facility by Safety Kleen. Safety Kleen transports the sump sludge to Seaboard Rail Car Repair Disposal facility located a 1806 West Garrett Rd. Hugo, OK 74743. Approximately 650 gallons of mixed sump sludge, water and oil are produced every month. Analytical testing of this material indicates that it is a non-hazardous waste.

#### 8.3. Used Antifreeze

In addition to the sump waste, any used anti-freeze/water mixture from the foaming units is also placed into the drums for collection by Ashland and disposal at the Pollution Control Industries facility. Facility personnel estimate that 110 gallons of used anti-freeze is produced annually.

#### 8.4. Solvent Use

Safety Kleen parts cleaner is used to clean pipe threads and to remove grease and oil from parts during equipment repair. The safety Kleen solvent is a petroleum naphtha based solvent that is classified as hazardous waste. Safety Kleen solvent is supplied in 16-gallon drums that connect to capture trays and a recycle system to minimize the quantity of solvent use. When the current drum of solvent has reached it loading capacity of oil/grease, the unit is serviced by Safety Kleen.

The facility currently uses approximately 8 gallons of parts cleaner per month with approximately 16 gallons every two months being returned to Safety Kleen for recycling. Safety Kleen collects the used solvent approximately every 60 days and transports the material by truck to the Safety Kleen recycling center located at 1722 Cooper Creek Road in Denton, Texas.

#### 8.5. Slop Oil, Used Lubrication and Motor Oils

Waste oil produced during the steam cleaning of equipment will be captured in the wastewater oil/water separator and wash water recycle system. This oil will be collected and placed into a used oil tank. prior to trucking off-site for recycling through Safety Kleen. In addition, waste oil is produced during the repair of certain oil field equipment such as Blow Out Preventers and Accumulators. This oil is captured during disassembly of the equipment and placed into the used oil tank. The used oil tank is located in the waste and chemical containment storage area.. The used oil is collected by Safety Kleen for recycling. The facility currently produces approximately 2,400 gallons of waste oil per year.

#### 8.6. Paint Wastes

There is no waste thinner produced or disposed at the facility. Paint cans are allowed to dry before they are disposed of in the trash bin. Aerosol paint cans are discharged using a puncture and collection system mounted to a 55 gallon drum. The collected solids are contained within the drum. The paint residue has not accumulated enough to warrant transport and off site disposal to date.

#### 8.7. Other Solid Wastes

Empty aerosol cans, lubricant, oil containers and miscellaneous materials are placed in an on-site dumpster for collection by truck. The materials in the dumpster are collected by Waste Management of Four Corners and transported to the San Juan County Landfill for disposal. Waste Management of Four Corners annually verifies the composition of the waste stream. Scrap metal is collected in a bin and picked up by local metal recyclers. Empty oil drums are reclaimed by the vendors who sold the products to Weatherford.

#### 9. Proposed Modifications to Existing Collection / Treatment / Disposal Systems

There are no proposed modifications to the existing collection and disposal procedures.

#### **10. Inspection, Maintenance and Reporting**

The facility does not have any waste disposal units that require inspection, monitoring or reporting. Inspection, maintenance and leak detection will be performed weekly on the wash water recycle system. In addition, the LANDA water treatment unit will be inspected every day as part of the facility's operational practices. The container storage area will be inspected following any significant rainfall event to determine the amount of water within the containment area. The water treatment unit and container storage areas are both located in areas where they can be observed on a daily basis by facility employees. The procedures to be used for the inspection of these units is described in the following section.

#### **10.1. Inspections**

A description of the inspection procedures and inspection schedule for the waste storage generating and storage areas are described below. A copy of an inspection log for the facility is included in Appendix B. In addition to scheduled inspections, most areas of the facility are observed on a day to day basis by the employees.

#### 10.1.1.Wash Water Collection System

The below grade structures of the wastewater collection and treatment system are secondarily contained with a HDPE liner. The structures contained within the liner include the trench drain, sediment trap (sump) and the below grade oil/water separator. Adjacent to the east ends of the collection sump and the oil/water separator are leak detection systems consisting of slotted 4-inch diameter PVC pipe. The leak detection systems will be checked on a monthly basis to determine if any liquids are present within the secondary containment systems. Results of the inspection will be recorded in the weekly inspection log kept at the facility.

If the monthly inspection indicates that liquids are present within the secondary containment system. The source of the release will be determined and promptly repaired. All liquids will be removed from the secondary containment via the leak detection well and additional evaluations of the release will be performed on an as-needed basis to determine if impacts to the soil or groundwater has occurred.

#### 10.1.2. Container Storage Areas

The container storage areas will be inspected following any rainfall event of 0.25 inches or greater. The storage area will also be inspected on a weekly basis to determine if precipitation has accumulated within the storage area or if a release has occurred. If a release has occurred within the storage area, the material will be pumped into drums and the storage area decontaminated to prevent future contamination of precipitation that falls within the storage area.

#### 10.1.3. Water Treatment System

The LANDA water treatment system will be inspected as part of the weekly inspection log. The water treatment unit is located in an area that allows for daily observation as part of facility operations. The floor of the water treatment room is slope such that any releases from the water treatment system will drain into the below grade oil/water separator. Any excess release will be pumped into drums for disposal.

#### **10.2. Containment of Precipitation and Runoff**

Steam cleaning, repair and painting of equipment is performed inside the shop. Precipitation or stormwater runoff does not come into contact with these process areas.

Berms and trenches around the facility fence line help to control Stormwater drainage. A catch basin is located in the southwest corner of the facility to collect stormwater before it exits the facility.

#### **11. Spill/Leak Prevention and Reporting Procedures**

#### **11.1. Containment and Cleanup**

Weatherford 's corporate policy is to comply with all applicable environmental laws and regulations. In addition, Weatherford has built, maintained and upgraded facilities in order to minimize impacts to the environment. Weatherford personnel are present at the site during most of the daylight hours and personnel receive training in spill containment and cleanup to minimize impacts to the environment. Releases of materials require reporting to Weatherford 's Corporate Environmental Department and to applicable government agencies.

Leaks, spills and drips will be handled as follows:

- Small spills on pavement will be absorbed with absorbent pads or granular oil absorbent material. The pads/oil absorbents will be placed into drums for offsite disposal by an approved disposal contractor.
- Small spills on soil will be shoveled into drums for off-site disposal by an approved disposal contractor.
- Large spills will be contained with temporary berms. Free liquids will be pumped into drums. Contaminated soils will be placed into drums or other leak-proof container and disposed as applicable. Additional characterization and removal of impacted soils will be performed on as needed basis.

The facility maintains spill kits that contain absorbent pads, granular absorbent, small booms and drums to temporarily store impacted material. The largest liquid container maintained at the site is a 500 gallon diesel storage tank located in a containment structure. All drums will be stored either in the shop or inside the container storage areas.

#### **11.2. Reporting of Emergency Incidents**

WQCC Rule 1203A requires that in the event of a release of oil or other water contaminants in such quantities as may be detrimental to human health, animal or plant life or unreasonably interfere with the public welfare or use of property, notification will be given to the OCD. OCD personnel recommend notification be given if five (5) gallons or more of a refined hydrocarbon product is released. Notification is required if more than five (5) barrels of material is released per

NMOCD Rule 116. Notification will also be given if any contaminant reaches a watercourse or enters a stream or river.

Notification will be given orally to the OCD District Office as soon as possible, but no later than 24 hours, after the discharge. Notification will consists of the following information:

- The name, address and telephone number of the facility and the name and phone number of the person in charge of the facility;
- The date, time and duration of the discharge;
- The source and cause of the discharge;
- A description of the discharge including chemical composition;
- The estimated volume of the discharge, and
- The actions taken to mitigate immediate damage from the discharge.

Within ten days of the discharge, the operator will also submit, in duplicate, the above information in writing to OCD District Office.

The OCD District Office is located at the following address and phone number.

1000 Rio Brazos Road Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

An OCD <u>Notification of Fire, Breaks, Spills, Leaks and Blowouts</u> form illustrating the requested notification information is provided as Appendix C. This form will be completed by the Facility Manager or his designee for all reportable releases. A copy of the form will be transmitted to the OCD District Office, Weatherford Corporate Environmental in Houston, Texas and a copy will be retained at the facility.

#### **12.** Site Characteristics

#### 12.1. Nearby Water Bodies/Watercourses

Water bodies and watercourses within one mile of the facility are shown on Figure 1. The water bodies within one mile of the facility are the San Juan River and an unnamed, private irrigation lake. Several intermittent drainage pathways are also located around the facility with Echo Ditch being located west and south of the facility and unnamed drainages being located north, west and east of the facility. The unnamed drainages all enter Echo Ditch prior to discharging to the San Juan River.

#### 12.2. Water Wells

A search was performed to determine if any water wells are located with 0.25 mile of the facility perimeter. The search indicated no wells within 0.25 miles of the facility perimeter. The closest identified well is located approximately 0.4 miles southwest of the facility ((NW1/4 of NW1/4 of Section 24, T29, R12). This well is listed as an irrigation well is has a completion depth of 52 feet.

#### 12.3. Groundwater

No wells are present on-site to provide groundwater data. Personal interviews were held with engineers from Basin Engineering in Farmington, New Mexico. Basin Engineering performed the soil properties testing prior to design and construction of the facility. Interviews were also held with water well drillers from Shorty Thompson Well Drilling Service in Farmington, New Mexico. The interviews indicated that groundwater is present beneath the facility at a depth of approximately 40 to 45 feet below grade. No TDS information for the groundwater was available; however, the groundwater is of sufficient quality to be used for domestic purposes and human consumption and is assumed to contain less than 10,000 mg/I TDS.

Available information indicates that groundwater flow is generally to the south toward the San Juan River. The Nacimiento Formation is the aquifer in the vicinity of the Weatherford facility.

#### **12.4. Stratigraphy**

Based upon soil materials testing conducted prior to design of the building, the facility is located upon alluvium sands. The facility soils consists of fine to medium grained sands with minor amounts of silt and clay. The alluvium is underlain by the Nacimiento Formation at a depth of approximately 15 feet. The

underlain by the Nacimiento Formation at a depth of approximately 15 feet. The Nacimiento Formation is comprised of sandstones and mudstone. The sandstones are medium to very coarse-grained, immature to submature arkoses.

#### **12.5. Flooding Potential**

The facility is located on a bench and is not within the flood plain of the San Juan River, which is the closest major waterway. Several intermittent streams (arroyos) are located west and east of the facility, however, these arroyos are located at an elevation at least 10 feet lower than the facility. The facility does not appear to be located within a federally designated 100 or 500-year flood plain. As such, special flood protection measures are not required.

## 13. Compliance With All NMOCD Rules, Regulations and/or Orders

The facility does not perform any on-site disposal or have any waste disposal units. All products and wastes are contained to prevent accidental discharge to the environment and all wastes are transported off-site for recycling or disposal. In the event of a release, Weatherford US, Limited Partnership will comply with the requirements of NMOCD Rule 116 and WQCC Section 1203 spill reporting. In the event that Weatherford were to close the Browning Parkway facility, a comprehensive closure plan for the facility would be filed with the NMOCD.

APPENDIX A

#### WASTE DISPOSAL MANIFESTS AND ANALYTICAL RESULTS

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			SAFETY-KLEEN SYSTEMS, INC	Account Number	Invoice Number	Invoice Date	Terms
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#### SAFETY-KLEEN PO BOX 650509 DALLAS, TX 75265-0509

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY P.O. Box 13087 Austin, Texas 78711-3087



Ple	ase print or type. (Form designed for use on elite (12-pit	ch) typewriter.)		Form approve	ed. OMB No. 2050-0039.
A	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. N .M .R .0 .0 .0 .0 .0 .2 .1 .7 .	Manifest	2. Page 1 of <sup>1</sup>	Information in the shaded areas is not required by Federal law.
	3. Generator's Name and Mailing Address 850 S. BRO FARMINGTON 4. Generator's Phone (713) <sup>693-499</sup>	EATHERFORD U.S. L.P. WNING PARKWAY NM 87401 96		A: State Manife B: State Gener 99935	sst Document Number 408455 ator's ID
	5. Transporter 1 Company Name ASHLAND DIST. COMIDLAND 7. Transporter 2 Company Name	6. US EPA II <u>T.X.D.9.8.2.</u> 8. US EPA II	D Number 5 .6 .1 .9 .3 .8 D Number (CA)	C. State Trans D. Transporter E. State Trans	porter's ID 4 <u>132</u> 9 s Phone ( <u>132</u> ) 56 <u>3-7981</u> porter's ID <u>1776</u> (4)
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	15. Special Handling Instructions and Addition A. R. C.	onal Information D. ALL IN	VOICES MUST	EMERGENCY RE REFERENCE	SPONSE: 1-800-274-5263. DOCUMENT # <u>3606713</u>
	16. GENERATOR'S CERTIFICATION: I hereby d classified, packaged, marked, and labelled/pla national government regulations, including app If I am a large quantity generator, I certify that be economically practicable and that I have so and future threat to human health and the envi- select the best waste management method th	eclare that the contents of this consignment locarded, and are in all respects in proper of plicable state regulations. It I have a program in place to reduce the elected the practicable method of treatment ironment; OR, if I am a small quantity gene at is available to me and that I can afford.	are fully and accurate condition for transport volume and toxicity of storage, or disposal rator, I have made a	ely described abov by highway accor waste generated currently available good faith effort to	e by proper shipping name and are ding to applicable international and to the degree I have determined to to me which minimizes the present minimize my waste generation and
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	20. Facility Owner or Operator: Certification	of receipt of hazardous materials cov Signature	pred by this manife $A \lambda A$	at except as no	ted in Item 19. Date Mann/ Day Year
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TCEQ-0311 (Rev. 09/01/02)

White - original Pink-TSD Facility Yellow-Transporter

APPENDIX B

WASTE CONTAINMENT INSPECTION LOG

#### **Facility Maintenance Checklist**

# Facility:Weatherford U.S., L.P.Address:850 S. Browning Parkway<br/>Farmington, NM 87401

Facility ID #:

Month of:

		······································			WEE	KLY		<u>,, , , , , , , , , , , , , , , , , , ,</u>		MONTHLY
Date:	Initials:	Waste Drum Storage Area	Product Storage Area	500 gallon Tank	Dirty BOP Storage Area	Sump and Trench Drain	LANDA Unit Oil/Water	Pipe Inspection Area	Yard Inspection	Wash Treatment Room Secondary
	w	Containment	Containment	Containment	· · · · · · · · · · · · · · · · · · ·	Alea	Separator			Monitoring Wells
1										
1										

Date:	Area:	Comments/Recommendations:
	<b>A - Louis</b>	

Send copy to Weatherford, Health, Safety and Environmental Department 515 Post Oak Blvd Suite 600, Houston, TX 77056 or Fax to (713) 693-4498.

#### INSTRUCTIONS FOR COMPLETING THE FACILITY MAINTENANCE CHECKLIST

Each box of the inspection sheet (other than Date and Initials) should contain one of the following notations:

- Area is in compliance with Company Policy and Procedures Manual;
- X This area needs attention; or
- NA This box is not applicable to the facility.

If the notation X is entered in a box, use the Comments/Recommendations section to describe a corrective action for the problem. For the  $\sqrt{10}$  to be entered, <u>all</u> of the statements listed below for that area must be true.

#### WASTE CONTAINMENT AREA / PRODUCT STORAGE AREA / CHEMICAL STORAGE AREA

- ✓ Containers are in good condition, not leaking or deteriorating;
- ✓ Containers are compatible with the material being stored and labeled to identify their contents;
- ✓ Containers are closed and the bungs or lids are tightly sealed;
- ✓ Containers are stored in a safe manner (away from sources of ignition, away from traffic, at least 50 feet from the property line, at least 100 feet from buildings on neighboring property, etc.);
- ✓ Containers are within a secondary containment area under a roof or other cover;
- ✓ Storage takes place in a designated area which is posted as "No Smoking";
- ✓ Grounding devices are used when transferring flammable liquids into or between containers;
- Emergency and spill control plans, equipment and supplies, including alarms, telephones, fire extinguishers, personal protective equipment and absorbents are readily available; and
- ✓ The number of exits provided should allow for safe evacuation in case of an emergency.
- ✓ Storage areas are marked with warning signs listing the principal hazards of the wastes stored;
- Security precautions have been implemented to limit access to authorized personnel only;
- ✓ Aisle space allows for unobstructed movement of workers and equipment at all times;
- ✓ Ignitable wastes are protected from possible ignition sources;
- ✓ Reactive wastes are separated to prevent reactions; and
- ✓ Adequate ventilation is provided for enclosed accumulation areas.

#### PIPE COATING AREA

- ✓ Coatings are applied using airless application methods to minimize airborne contamination;
- Coatings are applied in areas having secondary containment;
- ✓ Spray painting operations without vapor recovery systems are no closer than 50 feet from the property line and are at least 250 feet from adjoining property buildings;
- ✓ Coatings and thinners are properly stored in an approved flammable storage area;
- ✓ Solidified drippings from the coating process are managed to prevent impact to surface soils;
- ✓ Coatings, thinners and adhesives are collected in DOT drums or containers, properly labeled, and stored in the drum storage area; and

Empty containers are properly disposed of and not allowed to accumulate.

- WASTE WATER TREATMENT SYSTEM
- Pipes, pumps and seals are not leaking;
- Adequate supplies are on hand (e.g., paper filters, carbon, alum, sodium hypochlorite, quick-release soap); and
- ✓ All equipment is properly maintained according to the manufacturer's instructions.

#### DRAINAGE/COLLECTION SYSTEMS

- ✓ All grates and covers are in place; and
- ✓ Drains are not blocked and flow freely.

#### YARD INSPECTION

✓ All general housekeeping requirements are being met.

CAUSTIC VAT

- Vat is of double-wall construction or placed in a containment area;
- ✓ Vat is no closer than 50 feet from the property boundary and is at least 150 feet from adjoining property buildings;
- ✓ When equipment is removed from the vat it is drained thoroughly over the vat to ensure that no more than minimal amounts of caustic spill onto the cleaning slab and/or enter the wastewater sump;
- ✓ Drums used to contain caustic or spent caustic corrosion-resistant or lined to prevent corrosion;
- ✓ Drums used to contain caustic or spent caustic are properly sealed;
- ✓ Full drums of spent caustic are properly labeled and moved to the waste drum storage area; and
- ✓ If caustic vats are drained, they are refilled with sodium metasilicate solution, <u>not</u> sodium hydroxide.

#### PAINT BOOTHS AND BLASTING BOOTHS

- ✓ All fans function properly and are properly maintained;
- ✓ Filters are changed at required intervals; and
- ✓ Floor is free of debris.

#### APPENDIX C ODC NOTIFICATION FORM

#### State of New Mexico **Energy Minerals and Natural Resources**

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

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

Lease No.

#### **Release Notification and Corrective Action**

	OPERATOR	initial Report	Final Report
Name of Company	Contact		
Address	Telephone No.		
Facility Name	Facility Type	 	

Surface Owner

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				_						

#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County

NATURE OF RELEASE

Latitude

Longitude

#### Volume of Release Volume Recovered Type of Release Source of Release Date and Hour of Occurrence Date and Hour of Discovery Was Immediate Notice Given? If YES, To Whom? Yes No Not Required By Whom? Date and Hour Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. Yes No If a Watercourse was Impacted, Describe Fully.\* Describe Cause of Problem and Remedial Action Taken.\* Describe Area Affected and Cleanup Action Taken.\* 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. **OIL CONSERVATION DIVISION** Signature: Approved by District Supervisor: Printed Name: Title: Approval Date: **Expiration Date:** E-mail Address: Conditions of Approval: Attached $\square$ Date: Phone:

Attach Additional Sheets If Necessary

	ENTERPRISE EXCELLENCE FORM									
FORM NUMBER:	REV:	PAGE:	ORIGINAL ISSUE DATE:	REVISION DATE:						
ENV-REP-01	01	1	10/21/2004	11/01/2005						
PREPARED BY:	REVIEWED BY:	L	APPROVED BY:	APPROVED BY:						
JD	SR		SR	SR						
TITLE:		SPIL	L REPORT FORM							
Weatherford Facility Addre Individual Reporting Spill Facility Phone Number **Report any sp	ess ill, release or env	vironmental haz	ard immediately to the Cor	porate HSSE Department in						
Houston, Texas <ul> <li>Patrick Ford –</li> <li>CB Jacobson -</li> <li>Joe Dandy – E</li> <li>Scott Robinsor</li> </ul>	at (713) 693-400 Environmental Pr - Environmental P Invironmental Mar n – HSSE Vice Pre	<b>0 or if not durin</b> oject Manager – roject Manager - nager – (713) 24 esident – (281) 4	<b>g normal office hours:</b> (281) 380-0007 cell - (801) 367-3745 cell 9-3858 cell 67-8194 cell							
Date and Time of Spill/Rel	ease									
Type of Material Spilled/Re	eleased									
Location of Spill/Release										
Amount of Material Spilled	Released									
Area Impacted by Spill/Re	lease									
Action Taken to Immediate	ely Abate Spill/Rel	ease								
				·····						
Summary of Spill/Release	(Include details of	f all activities)								
For Cornerate USSF -			· · · · · · · · · · · · · · · · · · ·							
Spill Reported to Acong	noc Gimà:									
Name of Agency Report	y ted to:									
Agency Representative	Contacted.		an a							

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#### ATTACHMENT TO THE DISCHARGE PLAN RENEWAL GW-281 WEATHERFORD USLP FARMINGTON SERVICE FACILITY DISCHARGE PLAN APPROVAL CONDITIONS (April 29, 2002)

1

5 E.

- 1. <u>Payment of Discharge Plan Fees:</u> The \$100.00 filing fee has been received by the OCD. There is a flat fee assessed for oil and gas service companies equal to \$1,700.00. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.
- 2. <u>Weatherford USLP Commitments:</u> Weatherford USLP will abide by all commitments submitted in the discharge plan renewal application dated February 13, 2002 and these conditions for approval.
- 3. <u>Waste Disposal</u>: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste determination per 40 CFR Part 261. Any waste stream that is not listed in the discharge plan will be approved by OCD on a case-by-case basis.
- 4. <u>Drum Storage:</u> All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
- 5. <u>Process Areas:</u> All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
- 6. <u>Above Ground Tanks:</u> All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.
- 7. <u>Above Ground Saddle Tanks:</u> Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.

8. <u>Labeling:</u> All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.

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- 9. <u>Below Grade Tanks/Sumps:</u> All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.
- 10. <u>Underground Process/Wastewater Lines:</u> All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity every 5 years. The permittee may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.
- 11. <u>Class V Wells</u>: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.
- 12. <u>Housekeeping:</u> All systems designed for spill collection/prevention will be inspected by a Weatherford USLP's representative on a regular basis and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained for a period of five years.
- 13. <u>Spill Reporting:</u> All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec District Office.
- 14. <u>Transfer of Discharge Plan:</u> The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.
- 15. <u>Storm Water Plan:</u> The facility will have an approved storm water run-off plan.

- 16. <u>Closure:</u> The OCD will be notified when operations of the Farmington Service Facility are discontinued for a period in excess of six months. Prior to closure of the Farmington Service Facility a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.
- 17. <u>Certification:</u> Weatherford USLP, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Weatherford USLP further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

WEATHERFORD USLP by Michael Etheredye Loc. Supervisor I

Page 3 of 3



### NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON Governor Betty Rivera Cabinet Secretary Lori Wrotenbery Director Oil Conservation Division

April 29, 2002

#### <u>CERTIFIED MAIL</u> <u>RETURN RECEIPT NO. 3929 7761</u>

Mr. Michael Etheredge Weatherford USLP 850 South Browning Parkway Farmington, New Mexico 87401

#### RE: Discharge Plan Renewal Approval GW-281 Weatherford USLP Farmington Service Facility, 850 South Browning Parkway San Juan County, New Mexico

Dear Mr. Etheredge:

The ground water discharge plan renewal GW-281 for the Weatherford USLP Farmington Service Facility located in the SE/4 SW/4 of Section 13, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico, is hereby approved under the conditions contained in the enclosed attachment. Enclosed are two copies of the conditions of approval. Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 30 days of receipt of this letter.

The original discharge plan application was submitted on March 21, 1997 and approved June 11, 1997. The discharge plan renewal application, dated February 13, 2002, was submitted pursuant to Sections 5101.B.3. of the New Mexico Water Quality Control Commission (WQCC) Regulations. The discharge plan is renewed pursuant to Sections 5101.A. and 3109.C. Please note Section 3109.G., which provides for possible future amendment of the plan. Please be advised that approval of this plan does not relieve Weatherford USLP of liability should operations result in pollution of surface water, ground water, or the environment.

Please be advised that all exposed pits, including lined pits and open tanks (tanks exceeding 16 feet in diameter), shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

Please note that Section 3104 of the regulations provides: "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C., Weatherford USLP is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.



Mr. Michael Etheredge GW-281 Farmington Service Facility April 29, 2002 Page 2

Pursuant to Section 3109.H.4., this discharge plan is for a period of five years. This plan will expire on **June 11, 2007**, and Weatherford USLP should submit an application in ample time before this date. Note that under Section 3106.F. of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge plan facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge plan.

Proposed modifications consisting of a new maintenance facility, office area and cement testing area is herewith approved.

The discharge plan application for the Weatherford USLP Farmington Service Facility is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan renewal application will be assessed a non-refundable fee equal to the filing fee of \$100. There is a flat fee assessed for oil and gas service companies equal to \$1,700.00. The OCD has received the filing fee.

Please make all check	s payable to: Water Management Quality Ma	anagement Fund
	C/o: Oil Conservation Division	
	1220 South St. Francis D	rive
	Santa Fe, New Mexico 87	505.

If you have any questions please contact Mr. W. Jack Ford at (505) 476-3489. On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely, Roger C. Anderson Chief, Environmental Bureau Oil Conservation Division	7761	U.S. Post CERTIF (Domesti	al Serv 1ED N 16 <i>Mail</i>	iail F Only: l	Ne Im	elpt Suran A	e Cov	erage (	A Vrovid S	
RCA/wjf Attachment xc: OCD Aztec District Office	40 0004 3929	Cert Return Re (Endorsement Restricted Del (Endorsement <b>Total Postag</b>	Postage ified Fee ceipt Fee Required) ivery Fee Required) e & Fees	\$				Pos H	itmark lere	
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- 5. <u>Process Areas:</u> All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
- 6. <u>Above Ground Tanks</u>: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.
- 7. <u>Above Ground Saddle Tanks</u>: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.

Page 1 of 3

- 8. <u>Labeling:</u> All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.
- 9. <u>Below Grade Tanks/Sumps:</u> All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.
- 10. <u>Underground Process/Wastewater Lines:</u> All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity every 5 years. The permittee may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.
- 11. <u>Class V Wells</u>: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.
- 12. <u>Housekeeping:</u> All systems designed for spill collection/prevention will be inspected by a Weatherford USLP's representative on a regular basis and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained for a period of five years.
- 13. <u>Spill Reporting:</u> All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec District Office.
- 14. <u>Transfer of Discharge Plan:</u> The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.
- 15. <u>Storm Water Plan:</u> The facility will have an approved storm water run-off plan.

16. <u>Closure:</u> The OCD will be notified when operations of the Farmington Service Facility are discontinued for a period in excess of six months. Prior to closure of the Farmington Service Facility a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

2

17. <u>Certification:</u> Weatherford USLP, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Weatherford USLP further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

WEATHERFORD USLP

by\_\_\_

Title



#### NOTICE OF PUBLICATION

#### STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to the New Mexico Water Quality Control Commission Regulations, the following discharge plan application has been submitted to the Director of the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3200:

(GW-281) – Weatherford USLP, Mr. Mike Etheredge, 850 Browning Parkway, Farmington, New Mexico 87401, has submitted a discharge plan renewal application for their Farmington Service facility located in the SE/4 SW/4, Section 13, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico. Any potential discharge will be stored in a closed top receptacle prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 40 feet with a total dissolved solids concentration of approximately 1,000 to 2,000 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

(GW-120) - Williams Field Service, Mark J. Bareta, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for their Pipkin compressor station located in the NW/4 NW/4, Section 36, Township 28 North, Range 11 West, NMPM, San Juan County, New Mexico. Approximately 150 gallons per day of waste water with a total dissolved solids concentration of approximately 1100 mg/l is stored in a closed top tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 3700 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Request for public hearing shall set forth the reasons why a hearing shall be held. A hearing will be held if the director determines that there is significant public interest.

If no hearing is held, the Director will approve or disapprove the plan based on the information available. If a public hearing is held, the Director will approve the plan based on the information in the plan and information presented at the hearing.

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 26th day of February, 2002.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION LORI WROTENBERY, Director

SEAL



JUL 1 1 1997

Environmental Bureau Oil Conservation Division

#### ATTACHMENT TO DISCHARGE PLAN GW-281 WEI - Farmington Facility DISCHARGE PLAN REQUIREMENTS (June 11, 1997)

1. **Payment of Discharge Plan Fees:** The \$1380 flat fee shall be submitted upon receipt of this approval. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.

2. <u>WEI Commitments:</u> WEI will abide by the following commitments and requirements made in the application from WEI dated March 21, 1997, and this approval letter with conditions of approval from OCD dated June 11, 1997

3. **Drum Storage**: All drums containing materials other than fresh water must be stored on an impermeable pad and curb type containment. All empty drums should be stored on their sides with the bungs in place and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets should also be stored on an impermeable pad and curb type containment.

All drums and chemical containers shall be clearly labeled to identify their contents and other emergency information necessary if they were to rupture, spill, or ignite.

4. **Process Areas**: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.

5. **Above Ground Tanks**: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new facilities or modifications to existing facilities must place the tank on an impermeable type pad.

6. **Above Ground Saddle Tanks**: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.

7. <u>**Tank Labeling**</u>: All tanks should be clearly labeled to identify their contents and other emergency information necessary if the tank were to rupture, spill, or ignite.

Ms. Lesa Griffin GW-281 Approval WEI June 11, 1997 Page 3



Environmental Bureau Oil Conservation Division

Ms. Lesa Griffin **GW-281** Approval WEI June 11, 1997 Page 4

8. **Below Grade Tanks/Sumps**: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks that do not have secondary containment and leak detection must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks /or sumps.

9. Housekeeping: All systems designed for spill collection/prevention should be inspected to ensure proper operation and to prevent overtopping or system failure.

Any soils contaminated with a non-exempt waste at the facility will be tested for hazardous constituents, and after receiving OCD approval, will be disposed of at an OCD approved site.

10. Spill Reporting: All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the Aztec OCD District Office at (505)-334-6178.

**Transfer of Discharge Plan:** The OCD will be notified prior to any transfer of ownership, 11. control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.

12. **Closure:** The OCD will be notified when operations of the facility are discontinued for a period in excess of six months. Prior to closure of the facility a closure plan will be submitted for approval by the director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

13. **Certification:** WEI, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. WEI, further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect groundwater, human health and the environment.

> Accepted: Weatherford Enterra/US, LMTD.

by GAAT/W/ Title ENV. PROS. MGR.





ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION 2040 S. PACHECO SANTA FE, NEW MEXICO 87505 (505) 827-7131

June 11, 1997

#### CERTIFIED MAIL RETURN RECEIPT NO. P-326-936-604

Ms. Lesa Griffin Environmental Director Weatherford Enterra US, LMTD (WEI) 515 Post Oak Boulevard, Suite 600 Houston, TX 77027

#### RE: Discharge Plan Approval GW-281 Farmington Facility, Browning Parkway San Juan County, New Mexico

Dear Ms. Griffin:

The discharge plan GW-281 for the WEI Farmington facility located in SE/4 SW/4, Section 13, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico, is hereby approved under the conditions contained in the enclosed attachment. The discharge plan consists of the application from WEI dated March 21, 1997, and this approval letter with conditions of approval from OCD dated June 11, 1997, Enclosed are two copies of the conditions of approval. Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within ten working days of receipt of this letter.

The discharge plan application was submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission Regulations. Please note Sections 3109.E and 3109.F which provide for possible future amendments or modifications of the plan. Please be advised that the approval of this plan does not relieve WEI of liability should the operations associated with this facility result in pollution of surface water, ground water, or the environment.

Please be advised that all exposed pits, including lined pits and open top tanks (tanks exceeding 16 feet in diameter), shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

Ms. Lesa Griffin GW-281 Approval WEI June 11, 1997 Page 2

Please note that Section 3104 of the regulations requires that "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C WEI is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

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Pursuant to Section 3109.G.4, this plan is for a period of five (5) years. This approval will expire June 11, 2002, and an application for renewal should be submitted in ample time before that date.

The discharge plan for the WEI Farmington Facility GW-281 is subject to the WQCC Regulation 3114 discharge plan fee. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of fifty dollars (\$50) plus the flat fee of one-thousand and three-hundred and eighty dollars (\$1380) for service company discharge plans.

The \$50 filing fee has been received by the OCD. The flat fee for an approved discharge plan has not been received by the OCD. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.

On behalf of the staff of the Oil Conservation Division, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely, William J. LeMay Director WJL/pws Attachment	P 326 936 604 US Postal Service Receipt for Certified Mail No Insurance Coverage Provided. Do not use for International Mail (See reverse) Sent 12- Street & Number DP. ANDROVAL. 6W-281 Post Office, State, & ZIP Code
	Postage §
	Certified Fee
c: A ztec OCD District Office	Special Delivery Fee
c. Azie OCD District Office	Restricted Delivery Fee
	Return Receipt Showing to     Whom & Date Delivered
	<ul> <li>Return Receipt Showing to Whom,</li> <li>Date, &amp; Addressee's Address</li> </ul>
	TOTAL Postage & Fees
	Postmark or Date

Ms. Lesa Griffin GW-281 Approval WEI June 11, 1997 Page 3

#### ATTACHMENT TO DISCHARGE PLAN GW-281 WEI - Farmington Facility DISCHARGE PLAN REQUIREMENTS (June 11, 1997)

1. <u>Payment of Discharge Plan Fees</u>: The \$1380 flat fee shall be submitted upon receipt of this approval. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.

2. <u>WEI Commitments:</u> WEI will abide by the following commitments and requirements made in the application from WEI dated March 21, 1997, and this approval letter with conditions of approval from OCD dated June 11, 1997

3. **Drum Storage**: All drums containing materials other than fresh water must be stored on an impermeable pad and curb type containment. All empty drums should be stored on their sides with the bungs in place and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets should also be stored on an impermeable pad and curb type containment.

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Ms. Lesa Griffin GW-281 Approval WEI June 11, 1997 Page 4

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9. **Housekeeping**: All systems designed for spill collection/prevention should be inspected to ensure proper operation and to prevent overtopping or system failure.

Any soils contaminated with a non-exempt waste at the facility will be tested for hazardous constituents, and after receiving OCD approval, will be disposed of at an OCD approved site.

10. **Spill Reporting**: All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the Aztec OCD District Office at (505)-334-6178.

11. **Transfer of Discharge Plan:** The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.

12. **Closure:** The OCD will be notified when operations of the facility are discontinued for a period in excess of six months. Prior to closure of the facility a closure plan will be submitted for approval by the director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

13. <u>Certification:</u> WEI, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. WEI, further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect groundwater, human health and the environment.

Accepted: Weatherford Enterra US, LMTD.

by

Title

Wilson Environmental Management, Inc.

# Weatherford U.S., Limited Partnership

Discharge Plan GW-281 Renewal Weatherford U.S., L.P. 850 S. Browning Parkway Farmington, New Mexico

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	Revised January 24, 2001 Submit Original Plus 1 Copy to Santa Fe 1 Copy to Appropriate District Office
DISCHARGE PLAN APP REFINERIES, AN (Refer to the O	LICATION FOR SERVICE COMPANIE COMPRESSOR, GEOTHERMAL FACE D CRUDE OIL PUMP STATIONS CD Guidelines for assistance in completing the applicat	ES,GAS PLANTS, ILITES
	New 🔀 Renewal 🗌 Modification	
1. Type: <u>Oilfield Service Facility</u>		
2. Operator: <u>Weatherford U.S.,L.H</u>	P	
Address: <u>850 S. Browning Parl</u>	kway Farmington, New Mexico 87401	
Contact Person: <u>Mr. Mike Ethe</u>	eredge Phone: (505)	327-6341
3. Location: <u>SE</u> /4 <u>S</u> Subm	<u>SW</u> /4 Section <u>13</u> Township <u>29 N</u> it large scale topographic map showing exact location.	N Range <u>13 W</u>
4. Attach the name, telephone number	er and address of the landowner of the facility site.	
5. Attach the description of the facility	ty with a diagram indicating location of fences, pits, dike	es and tanks on the facility.
6. Attach a description of all material	ls stored or used at the facility.	
<ol> <li>Attach a description of present sou must be included.</li> </ol>	irces of effluent and waste solids. Average quality and o	daily volume of waste water
8. Attach a description of current liqu	uid and solid waste collection/treatment/disposal proced	ures.
9. Attach a description of proposed n	nodifications to existing collection/treatment/disposal sy	/stems.
10. Attach a routine inspection and m	aintenance plan to ensure permit compliance.	
11. Attach a contingency plan for rep	orting and clean-up of spills or releases.	
12. Attach geological/hydrological in	formation for the facility. Depth to and quality of grour	nd water must be included.
13. Attach a facility closure plan, and rules, regulations and/or orders.	other information as is necessary to demonstrate compl	liance with any other OCD
14. CERTIFICATIONI hereby certif	y that the information submitted with this application is	true and correct to the best
Name: <u>Michael</u> Signature: <u>Michael</u>	<u>Heredy</u> Title: <u>LOC. So</u> <u>edy</u> Date: <u>2-/3</u>	upervisor -02

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2/19/02

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С	OCD Notification Reporting Form

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### **1. Type of Oilfield Service Facility**

Weatherford U.S., Limited Partnership, is preparing this Renewal to the Discharge Plan GW-281 for their oilfield service facility located at 850 S. Browning Parkway in Farmington, New Mexico in compliance with the New Mexico Oil and Gas Act and the Water Quality Act. The New Mexico Oil Conservation Division (OCD) administers these regulations with approval of the New Mexico Water Quality Control Commission (WQCC). This Discharge Plan sets forth the details of the methods and techniques to be used at the facility to prevent unauthorized discharge of liquids and ensure compliance with WQCC and OCD regulations. WQCC Regulation 3106.B requires submittal and approval of a Discharge Plan prior to start of facility discharges. The following sections provide the Discharge Plan information required by the ODC for Oilfield Service Facilities.

The Weatherford facility covered by this Discharge Plan provides down hole wire line and fishing services and rents oilfield tools pipe and equipment used for the exploration and production of crude oil and natural gas. Rental equipment returned from the field is steamed cleaned to remove oil, grease and drilling mud, repaired if necessary and repainted prior to being returned to the rental inventory. The equipment will remain in inventory until the next rental.

The facility does not perform any on-site waste disposal. All wastes produced by the facility are transported off-site by licensed transporters and recycled or disposed by permitted operators.

### 2. Facility Operator

The operator of the facility is:

Weatherford U.S., L. P. 515 Post Oak Boulevard, Suite 600 Houston, Texas 77027 (713) 693-4000

The Farmington location facility contact person is:

Mr. Mike Etheredge 850 S. Browning Parkway Farmington, New Mexico 87401 (505) 327-6341

### 3. Facility Location

The facility is located at 850 S. Browning Parkway, Farmington, New Mexico. The site is located in the SE / 4, of the SW / 4, of Section 13, Township 29 N, Range 13 W in San Juan County, New Mexico. A USGS topographic map showing the approximate location of the facility is provided as Figure 1. However, the USGS map has not been revised since 1979 and Browning Parkway was not constructed at that time. Figure 2 is an updated street map of Farmington illustrating the approximate location of the facility.





### 4. Landowner of Facility

The landowner is:

Mr. Chuck Hagen Hagen-Dimmick Development, Ltd 205 N. Auburn Farmington, NM Phone (505) 325-8863

### 5. Facility Description

The facility is located within the City of Farmington. Water and sewer services are supplied by the city. The facility is located on a 10-acre parcel with one steel building on the west side of the property. The facility is fully fenced and gated accept for the asphalt paved parking area around the offices. A site plot plan of the facility indicating the locations of the facility structures, containment areas and fencing is provided as Figure 3.

The facility was built in 1997 for Weatherford to house their Rental Tool, Fishing Tool and Wireline Service Groups. The west side of the building contains offices while the northeast corner of the shop is used by Wireline Services. Wireline Services maintains several wireline trucks as well as tools, supplies and materials used to provide their services. Materials maintained include explosives. Weatherford Wireline Services follows all the Bureau of Alcohol, Tobacco and Firearms requirements to store and maintain these materials.

The Fishing and Rental Tool Services occupy the remainder of the building. Activities associated with these services include equipment warehousing, steam cleaning, repair and painting. Repair, painting and steam cleaning are all performed in the southeast section of the building. A central trench drain and sump are located in this section. The sump gravity drains to an inground threestage oil water separator that is located in the water treatment room on the east side of the building. There is also a LANDA CLP-30 water treatment unit used to treat the water prior to discharge to the sewer system. Weatherford has submitted all required fillings with the City of Farmington Wastewater Treatment Plant Industrial Pretreatment Program and received permission to discharge treated wash water to the sewer.

The fenced yard is used primarily for pipe and equipment storage. Two containment pads with 8 inch curbs have been constructed. A 12 by 35 foot containment pad located in the south side of the pipe yard is used for waste drum storage. The containment pad located at the east end of the building is used for new chemical drum storage. Also, a three foot containment wall surrounds a 500 gallon diesel aboveground storage tank at the east end of the building. The concrete containment structures are sloped to a sump where rainwater can be collected as well as any releases from the containers. Unimpacted rainwater collected in the storage area will be released to the Impacted rainwater will be drummed, tested and disposed of as around. appropriate. Any waste spilled within the containment area will be collected. tested and disposed of as appropriate. There is also a concrete pad for all dirty blow out preventer valves (BOPs). Storm water drainage is controlled by berms and trenches along the fence line of the yard. A catch basin is located in the southwest section of the yard. All of these features are located on the Site Plot Plan Figure. 3.



### 6. List of Materials Stored or Used at the Facility

Table 1 provides a list of materials currently used by the Weatherford 850 S. Browning Parkway facility, the quantity stored, storage location and the method of Disposal are listed for each material. MSDS sheets for all chemical products are kept at the site.

Product Type/		Type of	Number of	Storage	How
Brand Name	Solid/Liquid	Container	<b>Containers Stored</b>	Location	Disposed
PAINT					
Krylon - red	aerosol	12 oz can	12	shop - flammible cabinet	empties put into municipal trash
Krylon - high temp aluminum	aerosol	12 oz can	6	shop - flammible cabinet	empties put into municipal trash
Krylon - brown	aerosol	12 oz can	З	shop - flammible cabinet	empties put into municipal trash
Krylon - yellow	aerosol	12 oz can	2	shop - flammible cabinet	empties put into municipal trash
Krylon - royal blue	aerosol	12 oz can	24	shop - flammible cabinet	empties put into municipal trash
Krylon - flat white	aerosol	12 oz can	18	shop - flammible cabinet	empties put into municipal trash
Krylon - bright gold	aerosol	12 oz can	12	shop - flammible cabinet	empties put into municipal trash
Diamond - black	aerosol	12 oz can	-	shop - flammible cabinet	empties put into municipal trash
Wellborn - silver aluminum	liquid	1 gallon can	7	shop - flammible cabinet	empties put into municipal trash
Various oil based enamels	liquid	1 quart can	11	shop - flammible cabinet	empties put into municipal trash
Industrial Coatings Specialties	liquid	1 gallon can	11	shop - flammible cabinet	empties put into municipal trash
Daimond - Vogel Enamel	liquid	5 gallon can	-	shop - flammible cabinet	empties put into municipal trash
Jones Blair Hi-Temp Enamel	liquid	1 gallon can		shop - flammible cabinet	empties put into municipal trash
PAINT THINNER					
Crown Xylol (xylene)	liquid	1 gallon can	1	shop - paint room	none disposed
Crown Xylol (xylene)	liquid	5 gallon can	4	shop - paint room	none disposed
Industrial Coatings thinner #25	liquid	5 gallon can	4	shop - paint room	none disposed
	-				

Crown Xylol (xylene)	liquid	1 gallon can		shop - paint room	none disposed
Crown Xylol (xylene)	liquid	5 gallon can	4	shop - paint room	none disposed
Industrial Coatings thinner #25	liquid	5 gallon can	4	shop - paint room	none disposed

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FUELS

MISCELLANEOUS anti-freeze

liquid

55 gallon drum

shop

empties returned to vendor

Gasoline Diesel

liquid liquid

5 gallon can 500 gallons

1 tank 4

east side of building

none disposed

shop

TABLE -1 PRODUCTS USED/STORED AT FACILITY

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WD-40	COROSION Inhibitor	Shale treatment	485 Foamer	Allied Polymer	evron water solubol Oil	Explosives	R break ANTIFREEZE	Alum	Na Hyperchloride	ol - power steering fluid	na System - anti-sieze	LE-259 - penetrant	1D-113 Moly Film lube	hevron - Delo motor oil	vron - Ultra duty grease	hevron - Hydraulic oil	vevron - RRM motor oil	E - multi purpose oil	- multi purpose grease	L-X gas supplement	Wagner - brake fluid	evron - Delo motor oil	vron - supreme motor oil	Liquid-O-Ring	xon - transmission fluid	10co - transmission fluid	ZEP - dry moly spray	LUBRICANTS/OILS	Brand Name	
aerosol	liquid	liquid	solid	liquid	liquid	solid	liquid	liquid	liquid	liquid	aerosol	aerosol	aerosol	liquid	solid	liquid	liquid	liquid	solid	liquid	liquíd	liquid	liquid	liquid	liquid	liquid	aerosol		Solid/Liquid	
12 oz can	55 gallon drum	55 gallon drum	55 gallon drum	5 gallon bucket	5 gallon buckets		1 gallon plastic	55 gallon drum	55 gallon drum	1 quart plastic	15 oz can	12 oz can	12 oz can	5 gallon bucket	5 gallon bucket	55 gallon drum	55 gallon drum	16 gallon drum	14 oz tube	1 gallon plastic	1 gallon plastic	1 gallon plastic	1 quart plastic	5 gallon	5 gallon	5 gallon	14 oz can		Container	Type of
4	5	2	ω	11	ω					4		2	12		2	2		ы	50			18	48	ω		ω	24		<b>Containers Stored</b>	Number of
shop - flammible cabinet	containment pad	containment pad	containment pad	containment pad	shop	In explosive shack	shop - flammible cabinet	water treatment room	water treatment room	shop - flammible cabinet	shop	shop	shop	shop	shop	shop - paint room	shop - flammible cabinet		Location	Storage										
empties put into municipa	empties put into municipal	empties put into municipal i	empties put into municipal t	empties returned to vend	empties returned to vend	dispoesd of properly	empties put into municipal ti	empties returned to vende	empties returned to vende	empties put into municipal tr	empties returned to vendo	empties returned to vendo	empties returned to vendo	empties put into municipal tr	empties put into municipal ti	empties put into municipal ti		Disposed	How											

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TABLE -1 PRODUCTS USED/STORED AT FACILITY

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## 7. Present Sources of Effluent and Waste Solids

A description of the waste generating processes and the quantity of waste generated is provided below.

WASTE TYPE	COMPOSITION	VOLUME PER	DISPOSAL
	OR SOURCE	MONTH	NOTES
Truck Wastes	None	NA	NA
Truck/Tank Washing	None	NA	NA
Wash Water from Steam Cleaning of Equipment	Wash Water Treated by LANDA WLP-30 Unit including Filtration, Carbon Absorption and Chlorination	300 gallons of water per day	Disposal to sewer from Water Treatment Unit
Sump Sludge from Steam Cleaning of Equipment	Wash Sludge Containing Dirt and Hydrocarbons	25 (55 gallon drums) per year	Disposed as Non-Haz Waste Through Safety Kleen
Used Antifreeze	From Foaming Unit Engines	10 gallons	Collected and stored in drums for recycle or disposal
Slop Oil	Oil collected by water treatment system	10 gallons	Collected from oil water separator stored in drums for disposal
Used Lubrication Hydraulic Oil and Motor Oils	Hydraulic equipment/motors	20 gallons	Collected and stored in drums for disposal by Van Waters
Solvents	Safety Kleen (parts cleaner from inspection, repair activities)	15 gallons	Serviced and disposed by Safety Kleen as Haz-waste every 2 months
Paint Wastes	Spent thinner	0.0	All Thinner used to clean paint gun is used to thin paint
Other Waste Solids	Empty aerosol and lubricant containers	10 containers	Crushed and disposed through trash collection

### 8. Current Liquid and solids Collection / Treatment / Disposal Procedures

A description of the waste collection, treatment and disposal for each of the waste streams described in the previous section is provided below. Manifests for shipments of sump sludge, oil and Safety Kleen solvent are provided in Appendix A. In addition, the hazardous waste characterization samples analytical results for sump sludge shipped off-site during February 1997 is also included in Appendix A

#### 8.1. Wash Water Collection/Treatment/Disposal

The wash water collection and treatment system is located within the shop at the eastern end of the shop. The collection system was designed to collect the wastewater generated during the steam cleaning of returned equipment. The concrete floor of the shop is sloped so that all liquids drain to a trench drain or wash bay sump. The trench drain measures 1-foot wide by 1-foot deep and is constructed out of 6-inch thick, steel reinforced concrete. The trench drain measures approximately 41 feet in length. At the eastern end of the floor drain is a 5 feet long section of 4-inch diameter, SCHD 40 PVC pipe that gravity drains water from the floor drain to a 1,250 gallon, concrete sediment trap (sump). Water collected in the sump, then gravity flows approximately 24 feet through a 4-inch diameter SCHD 40 PVC pipe to the below grade oil/water separator.

The separator consists of a 12 feet long by 4 feet diameter fiberglass tank with 3 interior chambers. The bottom of the tank is approximately 6 feet below grade. Water from the final chamber in the oil/water separator is pumped to a LANDA CLP-7023A self-contained wash water recycling system which is located above grade and adjacent to the oil/water separator. Oil collected in the oil/water separator is pumped out and placed into drums for off-site shipment and recycling.

The CLP unit consists of a multi-media sand filter, polyester cartridge filter and activated carbon filter to remove suspended solids, organics and low levels of metals from the wash water. In addition, the CLP unit also has a separate oil skimmer to collect any oil that passes through the oil/water separator, a pH controller to maintain the water's pH and an ozone and chlorine injector to control odors.

Water from the CLP unit is discharge to the city sewer service via an underground line. Approximately 300 gallons per day are discharged to the city sewer as part of daily washing operations at the facility. Weatherford has submitted all required fillings with the City of Farmington Wastewater Treatment

Plant Industrial Pretreatment Program and received permission to discharge treated wash water to the sewer.

The entire wastewater collection and treatment system is underlain with a 40-mil HDPE, welded seam liner system. A leachate detection/collection system, consisting of a 4-inch diameter PVC well, is located adjacent to the east end of the oil/water separator. Weatherford personnel monitor this well quarterly.

#### 8.2. Solids/Sludge from Sumps

Solids and sludge are produced during the steam cleaning of equipment and will be captured in the sediment trap (sump) within the shop. The sump wastes consist of a mixture of sand, grit and drilling mud that has been impacted with hydrocarbons. The sump material is pumped from the sump and into drums which will be stored in the container storage area. The sludge is profiled and the drums are collected by truck and shipped to a licensed disposal center. The facility drums are currently transported by Van Waters and Rogers of Denver, Colorado and transported to the Pollution Control Industries facility in East Chicago, Indiana. Approximately 110 gallons of mixed sump sludge, water and oil are produced every month. Analytical testing of this material indicates that it is a non-hazardous waste. Weatherford plans in the future to utilize Safety Kleen 's vacuum truck service for the sump sludge, please see section 9 for details.

#### 8.3. Used Antifreeze

In addition to the sump waste, any used anti-freeze/water mixture from the foaming units is also placed into the drums for collection by Van Waters and Rodgers and disposal at the Pollution Control Industries facility. Facility personnel estimate that 110 gallons of used anti-freeze is produced annually.

#### 8.4. Solvent Use

Safety Kleen parts cleaner is used to clean pipe threads and to remove grease and oil from parts during equipment repair. The safety Kleen solvent is a petroleum naphtha based solvent that is classified as hazardous waste. Safety Kleen solvent is supplied in 16-gallon drums that connect to capture trays and a recycle system to minimize the quantity of solvent use. When the current drum of solvent has reached it loading capacity of oil/grease, the unit is serviced by Safety Kleen.

The facility currently uses approximately 8 gallons of parts cleaner per month with approximately 16 gallons every two months being returned to Safety Kleen for recycling. Safety Kleen collects the used solvent approximately every 60 days and transports the material by truck to the Safety Kleen recycling center located at 1722 Cooper Creek Road in Denton, Texas.

#### 8.5. Slop Oil, Used Lubrication and Motor Oils

Waste oil produced during the steam cleaning of equipment will be captured in the wastewater oil/water separator and wash water recycle system. This oil will be collected and placed into drums for storage prior to trucking off-site for recycling. In addition, waste oil is produced during the repair of certain oil field equipment such as Blow Out Preventers. This oil is captured during disassembly of the equipment and placed into drums. The drums of oil are stored in the waste containment storage area prior to shipment of the oil to a permitted recycler or disposal facility. The oil is currently transported by Van Waters and Rogers for recycling. The facility currently produces approximately 300 gallons of waste oil per year.

#### 8.6. Paint Wastes

All paint thinner used at the facility to clean painting guns and equipment is reused to thin paint prior to painting operations. There is no waste thinner produced or disposed at the facility. Paint cans are allowed to dry before they are disposed of in the trash bin.

#### 8.7. Other Solid Wastes

Empty aerosol cans, lubricant, oil containers and miscellaneous materials are placed in an on-site dumpster for collection by truck. The materials in the dumpster are collected by Waste Management of Four Corners and transported to the San Juan County Landfill for disposal. Waste Management of Four Corners annually verifies the composition of the waste stream. Scrap metal is collected in a bin and picked up by local metal recyclers. Empty oil drums are reclaimed by the vendors who sold the products to Weatherford.

### 9. Proposed Modifications to Existing Collection / Treatment / Disposal Systems

There is one proposed modification to the existing collection and disposal procedures. Weatherford will in the future use Safety Kleen to vacuum solids directly from the sump and inground oil water separator. The sludge will be transported in the vacuum truck to the disposal facility. This will eliminate the need for drums, which will limit the exposure of the site to sump sludge and improve the efficiency of the sump cleaning process. Safety Kleen will dispose of the sump sludge at a licensed and permitted disposal facility.

### **10.** Inspection, Maintenance and Reporting

The facility does not have any waste disposal units that require inspection, monitoring or reporting. Inspection, maintenance and leak detection will be performed weekly on the wash water recycle system. In addition, the LANDA water treatment unit will be inspected every day as part of the facility's operational practices. The container storage area will be inspected following any significant rainfall event to determine the amount of water within the containment area. The water treatment unit and container storage areas are both located in areas where they can be observed on a daily basis by facility employees. The procedures to be used for the inspection of these units is described in the following section.

#### **10.1. Inspections**

A description of the inspection procedures and inspection schedule for the waste storage generating and storage areas are described below. A copy of an inspection log for the facility is included in Appendix B. In addition to scheduled inspections, most areas of the facility are observed on a day to day basis by the employees.

#### 10.1.1.Wash Water Collection System

The below grade structures of the wastewater collection and treatment system are secondarily contained with a HDPE liner. The structures contained within the liner include the floor drain, sediment trap (sump) and the below grade oil/water separator. Adjacent to the east end of the oil/water separator is a leak detection system consisting of a slotted 4-inch diameter PVC pipe. The leak detection system will be checked on a quarterly basis to determine if any liquids are present within the secondary containment system. Results of the inspection will be recorded in an inspection log kept at the facility.

If the quarterly inspection indicates that liquids are present within the secondary containment system. The source of the release will be determined and promptly repaired. All liquids will be removed from the secondary containment via the leak detection well and additional evaluations of the release will be performed on an as-needed basis to determine if impacts to the soil or groundwater has occurred.

#### 10.1.2. Container Storage Areas

The container storage areas will be inspected following any rainfall event of 0.25 inches or greater. The storage area will also be inspected on a weekly basis to

determine if precipitation has accumulated within the storage area or if a release has occurred. If a release has occurred within the storage area, the material will be pumped into drums and the storage area decontaminated to prevent future contamination of precipitation that falls within the storage area.

#### 10.1.3.Water Treatment System

The LANDA water treatment system will be inspected daily as part of facility operations to ensure proper operation of the system. The floor of the water treatment room is slope such that any releases from the water treatment system will drain into the below grade oil/water separator. Any excess release will be pumped into drums for disposal.

#### **10.2. Containment of Precipitation and Runoff**

Steam cleaning, repair and painting of equipment is performed inside the shop. Precipitation or stormwater runoff does not come into contact with these process areas.

Berms and trenches around the facility fence line help to control Stormwater drainage. A catch basin is located in the southwest corner of the facility to collect stormwater before it exits the facility.

### 11. Spill/Leak Prevention and Reporting Procedures

#### **11.1. Containment and Cleanup**

Weatherford 's corporate policy is to comply with all applicable environmental laws and regulations. In addition, Weatherford has built, maintained and upgraded facilities in order to minimize impacts to the environment. Weatherford personnel are present at the site during most of the daylight hours and personnel receive training in spill containment and cleanup to minimize impacts to the environment. Releases of materials require reporting to Weatherford 's Corporate Environmental Department and to applicable government agencies.

Leaks, spills and drips will be handled as follows:

- Small spills on pavement will be absorbed with absorbent pads or granular oil absorbent material. The pads/oil absorbents will be placed into drums for offsite disposal by an approved disposal contractor.
- Small spills on soil will be shoveled into drums for off-site disposal by an approved disposal contractor.
- Large spills will be contained with temporary berms. Free liquids will be pumped into drums. Contaminated soils will be placed into drums or other leak-proof container and disposed as applicable. Additional characterization and removal of impacted soils will be performed on as needed basis.

The facility maintains spill kits that contain absorbent pads, granular absorbent, small booms and drums to temporarily store impacted material. The largest liquid container maintained at the site is a 500 gallon diesel storage tank located in a containment structure. All drums will be stored either in the shop or inside the container storage areas.

#### **11.2. Reporting of Emergency Incidents**

WQCC Rule 1203A requires that in the event of a release of oil or other water contaminants in such quantities as may be detrimental to human health, animal or plant life or unreasonably interfere with the public welfare or use of property, notification will be given to the OCD. OCD personnel recommend notification be given if five (5) gallons or more of a refined hydrocarbon product is released. Notification is required if more than five (5) barrels of material is released per

NMOCD Rule 116. Notification will also be given if any contaminant reaches a watercourse or enters a stream or river.

Notification will be given orally to the OCD District Office as soon as possible, but no later than 24 hours, after the discharge. Notification will consists of the following information:

- The name, address and telephone number of the facility and the name and phone number of the person in charge of the facility;
- The date, time and duration of the discharge;
- The source and cause of the discharge;
- A description of the discharge including chemical composition;
- The estimated volume of the discharge, and
- The actions taken to mitigate immediate damage from the discharge.

Within ten days of the discharge, the operator will also submit, in duplicate, the above information in writing to OCD District Office.

The OCD District Office is located at the following address and phone number.

1000 Rio Brazos Road Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

An OCD <u>Notification of Fire, Breaks, Spills, Leaks and Blowouts</u> form illustrating the requested notification information is provided as Appendix C. This form will be completed by the Facility Manager or his designee for all reportable releases. A copy of the form will be transmitted to the OCD District Office, Weatherford Corporate Environmental in Houston, Texas and a copy will be retained at the facility.

2/19/02

### **12. Site Characteristics**

#### **12.1. Nearby Water Bodies/Watercourses**

Water bodies and watercourses within one mile of the facility are shown on Figure 1. The water bodies within one mile of the facility are the San Juan River and an unnamed, private irrigation lake. Several intermittent drainage pathways are also located around the facility with Echo Ditch being located west and south of the facility and unnamed drainages being located north, west and east of the facility. The unnamed drainages all enter Echo Ditch prior to discharging to the San Juan River.

#### **12.2. Water Wells**

A search was performed to determine if any water wells are located with 0.25 mile of the facility perimeter. The search indicated no wells within 0.25 miles of the facility perimeter. The closest identified well is located approximately 0.4 miles southwest of the facility ((NW1/4 of NW1/4 of Section 24, T29, R12). This well is listed as an irrigation well is has a completion depth of 52 feet. The location of this well is shown on Figure -4.

#### **12.3. Groundwater**

No wells are present on-site to provide groundwater data. Personal interviews were held with engineers from Basin Engineering in Farmington, New Mexico. Basin Engineering performed the soil properties testing prior to design and construction of the facility. Interviews were also held with water well drillers from Shorty Thompson Well Drilling Service in Farmington, New Mexico. The interviews indicated that groundwater is present beneath the facility at a depth of approximately 40 to 45 feet below grade. No TDS information for the groundwater was available; however, the groundwater is of sufficient quality to be used for domestic purposes and human consumption and is assumed to contain less than 10,000 mg/I TDS.

Available information indicates that groundwater flow is generally to the south toward the San Juan River. The Nacimiento Formation is the aquifer in the vicinity of the Weatherford facility.

#### **12.4. Stratigraphy**

Based upon soil materials testing conducted prior to design of the building, the facility is located upon alluvium sands. The facility soils consists of fine to medium grained sands with minor amounts of silt and clay. The alluvium is

2/19/02


underlain by the Nacimiento Formation at a depth of approximately 15 feet. The Nacimiento Formation is comprised of sandstones and mudstone. The sandstones are medium to very coarse-grained, immature to submature arkoses.

### **12.5. Flooding Potential**

The facility is located on a bench and is not within the flood plain of the San Juan River, which is the closest major waterway. Several intermittent streams (arroyos) are located west and east of the facility, however, these arroyos are located at an elevation at least 10 feet lower than the facility. The facility does not appear to be located within a federally designated 100 or 500-year flood plain. As such, special flood protection measures are not required.

# 13. Compliance With All NMOCD Rules, Regulations and/or Orders

The facility does not perform any on-site disposal or have any waste disposal units. All products and wastes are contained to prevent accidental discharge to the environment and all wastes are transported off-site for recycling or disposal. In the event of a release, Weatherford US, Limited Partnership will comply with the requirements of NMOCD Rule 116 and WQCC Section 1203 spill reporting. In the event that Weatherford were to close the Browning Parkway facility, a comprehensive closure plan for the facility would be filed with the NMOCD.

# APPENDIX A

### WASTE DISPOSAL MANIFESTS AND ANALYTICAL RESULTS

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NON-HAZARDOUS WASTE MANIFEST

ORDER # 87250

print or type (Form designed for use on ene (12 prch) typewmer)			
NON-HAZARDOUS	<sup>No.</sup> 5682110	Manifest Document No. 0 2 1 1	2. Page 1 7 of 2
3. Generator's Name and Mailing Address WEATHERFORD-IN	TERNATIONAL		
FACILITY #3500	)1		
FARMINGTON, N	1 87401		
4. Generator's Phone ( 505 327-6341			
5. Transporter 1 Company Name VAN WATERS & ROGERS INC.	NMD076467364	A. State Transporter's ID	
7 Transporter 2 Company Name 8	US EPA ID Number	C. State Transporter's ID	<u> </u>
VAN WATERS & ROGERS	C O D O 7 5 7 7 0 5 6 0	D. Transporter 2 Phone 3	03_388_5651
9. Designated Facility Name and Site Address 1	0. US EPA ID Number	E. State Facility's ID	
POLLUTION CONTROL INDUSTRIES			
EAST CHICAGO, IN 46312		F. Facility's Phone	
	<u>1 N D U U U U U U U U U U U U U U U U U U</u>	219-39/-395	1
11. WASTE DESCRIPTION	No.	Type Quantity	Unit WL/Vol.
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(SUMP SLUDGE)			
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b.			
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F. Additional Descriptions for Materials Listed Above		G. Handling Codes for Wastes List	ad Above
15. Special Handling Instructions and Additional Information		VE CEAD INFN NAME	
EMERGENCY CONTACT: CHEMTREC: 1-80	00-424-9300. CALLER MUS	T IDENTIFY VAN WA	TERS &
ROGERS AS SHIPPER.			
	•		
18. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this	shipment are fully and accurately described and are i	n all respects	
	·		Date
Printed/Typed Name	Signature		Month Day Year
17. Transporter 1 Acknowledgement of Receipt of Materials			
Printed/Typed Name	Signature		Month Dav Year
18. Transporter 2 Acknowledgement of Receipt of Materials	······································		Date
<sup>5</sup> rinted/Typed Name	Signature		Month Day Year
19 Disamagny Indication Space			
20. Facility Owner or Operator, Certification of receipt of the waste materials con	ered by this manifest, except as noted in item 19.		
·	•		Date

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PCI MATERIAL DATA	<u>A SU</u>	RVEY
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A.	Survey Off Field Peaks	Billing Name:	VAN WAT	TERS & ROG	ERS INC.	
Generator Name:	TREFFA ON FAIls Acalas	Address:	4388 Holly	Street		
Address	Cass Sourchide River Rund		Denver, C	0 80216		· · · · · · · · · · · · · · · · · · ·
	Far Blagton, 116 - 0/404					
Tachnizal (*amturt)	Luica Ourons	Pbcae:	(801) 383-	3667	Fux: (801) 583-4660	
Nudami BDA ID No	CESOG	State ID No:			S.I.C. Code: 3533	
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Mothod of Shipmon	a: 55 gailon Metal Druns, Berrels, Kegs		Quantity:	, Quarterly		
C DELLACTITAT D	POPENTIES & 250 1776			D. Based on kno	wiedge or analysis, provi	de an actual
D. FRIDERIC	S Total Halorens:	Specific Gravity:		value or value fo	TCLP concentrations of	untal metaj
Ortor: Mild	BLU/Ib: N/A pH: N/A	Flashpoint: N/	A .	concontrations in	i ppm.	
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				EROA Arsen.c		< 5.0
C. CHEMICAL	COMPOSITION	OTHER COMPONENT	70711	DOOS Codminum		< 100.0
Lin Hazardous and	hon Hazardaus components and corresponding range	VA	(PPM)	D007 Chronuun	<b>`</b>	< 5.0
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Die	75.00 - 99.00	Sultator N	;	D009 Mercury		< 0.2
Water	0.00 + 1.00	Reactive Cyanides N	- : <b></b>	D010 Saleaium		< 1.0
Õ:1	0.00 - 1.00	Reactive Sullides N	- E - 1	D011 Silver		< 5.0
Antifreeze	0.00 - 1.00	Anias N		Copper		
	· · · ·	PCB'S N		AUK ORGANIC CH	3840753157103	
	· .	PISTAALO A		DO12 Endrin		< 0.02
*		HAZARIXIUS PROPERT	TES.	13013 Lindane		< 0.4
		X None	:	D014 Methopye	Hor	< 10.0
		Water Reacti	ve	DO15 Totaphen	n 	< 0.5
		Shock Sensal	IVC .	D010 2,4-D054	Suppression actor	< 10.0
	· ·	Regionative		D017 4,4,3,-18	(SHACX)	< 1.0 < 0.5
		Diorica		DO19 Carbon T	strachioride	< 0.5
		Benzene Nes	bap	D020 Chlordan	;	< 0.03
		Air Resistive	1	1021 Chiarabe	124.00	< 100.0
		Pyrophoric		D022 Chlorofer	18	< 6.0
	€	Pesucioc, In	secuente	DO23 C-Cresol		< 2002.0
		Enologicas	1	D025 p-Cresol		< 200.0
		Polymenzabl	16	D026 Cresol		< 300.0
		Fathogen		D027 1,4 Dicht	onobeazene	< 7.3
		Biological		D029 1,2-Dich	oroethane	< 0.5
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R. RUKA LJIAL	Manadous Waget under 23 FR 261-37 N			D032 Hexachio	robertiene	< 0.00
7 In this a "Characte	mistic Waste 'N If Yas' is it: DO01 Imstable	DOD Commente DO	03 Reactive	DC33 Hauchlo	tabutationt	< 6.5
D004-D043 T	oxic, give specific codes			D034 Hexaciao	roeshanc	< 3.0
3. Is this an "F" or "	"K" want or mixed with one" If "Yes" give waste t	odes from HOCFR 261.31 and	/of 261.32:	i2035 Meshyi B	anyi Keasae	× 200.0
	and the stand of the second			DOT Nitrobio		< 2.0
4. is this a commerce	asi onemical product of the cleaned that would carry	9 . A. AL . K. ANNERS COOR MUCH	ርና ዋዲብሄር	DON PODECIC	icobination	< (00.0 < < A
261.33 (c) or (3)	N IS TES EVE COOCS			D030 Ternahin	ractiviere	< 67
DCT CHAR	ACTERIZATION			D040 Tricbloro	chylene	< 0.5
L. In this a "Hazarde	hus Substance/Marine Politicat" at defined in 49CPR	D.O.17 N		D041 2,4.5-Tri	chloropheno!	< 400.0
7. 11 "Yes" give the	proper D.O.T. Shipping Description from 49 CFR 17	2.101:		D042 2,4,6-Tri	chistophenol	< 2.0
Nen-Elazardours	Warte Material			DUA3 VIDYI Ch	lorulo	< 0.1
UN/NAT:	80 0 00 P	heirapiwa Grauni		FO	DR INTERNAL USE	ONLY
4. Give the two orin	nery harardous constituents;	anitative of ourse		Date Receiv	rd	
			÷	Date Approv	rod	
				Treatment N	leased	
I hareby certify th	GENER at the above and attached description is complete	ATOR CENTIFICATIO	N f my knowl	sdcc and shill	v. No deliberate or will	ful omissions
of pamanetrian Ar	properties crist and that all known as areasened	harards have been disclose	ed. I alen m	ertify that the a	brained sample is mon	scalative
of the wears make	rial described above and rive PEI normission and	i consent to make amendm	ence and an			
NAMP (Print)	T. L. West Visant	Title	MANI-	MACH (C	Jussilonil	
SIGNATURP	N D P	Date	13-1,6	-47	د میگوندین که بالا، عمله میکنینک، ایکری زمین دورازه عدانا که مترد به مربعه این ا	
CALCOLOGY & CALCAR			ijll			
ζ.	-4					

<u>P.04</u>

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P	CI	N	4/	41	ſŦ	ĴF	2]	[A	I	, ]	D	A	T	A	S	U	R	V	È	Y	7
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	Transa All Wald Banks)	Dilling Mama	VANWA	TRUS & DAGEDS NO	
	OBELET OF THEIR REPART	Address	4308 10	li Street	
VOCITESS:	Equiparton NM \$7441	VI WE W3.	Denver, i	CO \$0216	·
	FALIDIDELOI, MAL STADI		L'enter!		
	Lala Annar	Chase	(801) 587	-366"/ Far (\$01) 583.4660	
rechnical Contset.	Lake Owens	FILINE.	10017 503	5.1.C. Dode:3533	
Columni BYA ID N		Bude 117 190.	Downlaw	Count int Star Sales Da	<b>.</b> .
CI Sales Rep:	BOC Broad	BLOKES, MÖRRE	C Distance	LIPUUM	þ;
Common Name of	Waste: Sump Liquid			DITLEY G.B	201
Iriginal Process G	enerating Waste (most he sperific): Sump Lies				
Method of Shipmer	u: 55 gallon Micial Uruns, Barrela, Kegi		Quantity:	5, Querterly	
PHYSICAL P	ROPERTIES @ 15C (77F)			D. Based on knowledge or analysis, provide	-
Color Dark Liquid	1 % Total Halogens:	Specific Gravity:		value or value for TCLP concentrations or to	Hal moust
Daor: Mild	Btu/lo: N/A pH: N/A	Plashpoint N/	<u>\                                     </u>	concentrations in ppm.	
Physical State: Liqu	11d			INORGANIC CHARACTERISTICS	
CHINAL AT	COMPOSITION	OTHER COMPONENT	e i	D005 Barium	< 3.0 < 160
U. UTENHUME	Non-Hazerdous components and comptocular range		OTAL	D005 Cadmium	< 1.0
Componen	st: <u>73</u>	¥7N	(PPM)	D007 Chromium	< 5.0
and	1.00 - 5.00	Cyanidea N	1	DUOB Lead	\$ 5.1
Dist Varm	50 00 - 75 00	Reactive Cranides N		D010 Selenium	< 14
	25.00 - 30.00	Reactive Sulfidor N	i	DOII Situal	< 5.0
<b>Lixifraeze</b>	25.00 ~ 50.00	Amines N	:	Copper	
		PCB's N	:	CARC CHARACTERISTICE	
		Lationes D		Dola Eodría	< 0 ú
		HAZARDOUS PROPERT	ES	DO13 Landane	< 6.
		X None		D014 Methoxychia	< 10.
		Water Rescui	/c	D015 Tubaphene	< 0
		Badioartive	vc	DO17 2.4 SurTP (Silver)	< 10.
		Corrosive		D018 Fenzene	< 0.
		Dioxins	:	D019 Carbon Tetrachloride	< G.
		Benzene Nesi	ap -	D020 Chlordanc	< 0.0
		Air Koscuve Pyrnahoric		D021 Chlorocenzelle	< 100
		Pesticide, Inc	ncticide	0023 o-Creeo)	< 200
		Enclogical	-	DE24 m-Cresol	< 200
		Explosive Rohmonimett	. :	D025 p-Crcsol	< 200
		Pathewa	•	D027 1.4-Dichlorobearcae	< 7.
		Bio)ogical		DC28 1.2-Dichloroettane	< 0.1
		Outer :	:	D029 1,1-Dichloroethylen	< 0.1
	ACTERIZATION			DOUG 2.+Distrotopoeta	< U.I
1. is this material a "	"Hazardous Watte" under 40CFR 261.37 N		-	E032 Hexachiorobusteno	< 0.1
2. Is this a "Characte	ripic Wand" N If "Yea" is it: DOUL lympable	DOOL Corresive DOO	3 Readive	D033 Hessichlorobutatiese	< 0.
D004-D043 T	axis, give specific codes	nder from 100000 561 21 and		D034 Hexachlorgethane	< 3.0
3. IS GRAVARE POP	A write of made want dink in the give water of	SHOP TO BE AND AND AND ADDRESS TO THE ADDRESS OF ADDRESS ADDRES	(X 203,32)	DO36 Nigobenzenz	< 200 < 1
4. Is this a commerci	at chomical product or upill stemup that would carry a	a "U" or "P" waste code unde	ACFR	D037 Peacachierophenol	< 100
261.33 (c) or (f)?]	Y If "Yes" give codes		1	DO38 Pyridiae	× 5.:
5. Is this a state regul	Jalent wante? If "Yes" give obd			D039 Terrichloroethylene	< 0,
1. Ir this a "Ilazardo	us Substance/Marine Polistant" as defined in 49CFR I	D.O.T? N	•	DO41 2,4,5-Trichleronhenol	< 0 < a01
2. If "Yes" give the	proper D.O.T. Shipping Description from 49 CPR 177	2.101:		D042 2,4,6-Trichlerophenol	< 2.
Non-Hamribus	Waste Material			D043 Viayl Chloride	< 0.
1 TB7 / B7 A	· · · · · · · · · · · · · · · · · · ·	scharing Group:	:	FOR INTERNAL LISE OF	 41.¥
UN/NA#: 3. Hazardous Ciasa:	RO: 0.00 P			Date Received	
UN/NAS: 3. Hazardous Class: 4. Give the two prim	RQ: 0,09 P			Change A supervised	
UN/NA#; 3. Hazardous Class: 4. Give the two prim	RQ: 0,09 P ary hazardaus constances:			Late Approven	
UN/NAS; 3. Hazardous Class: 4. Give the two prim	RQ: 0,00 Pi ary hazardous constances:			Treatment Method	
UN/NAS: 3. Hazardous Class: 4. Give the two prim	RQ: 0,00 Pi ary hazardaus constances: CENER	ATOR CERTIFICATION	1	Treatment Method	
UN/NA3: D. Hazardous Ciasa: 4. Give the two prim I hereby certily that	RQ: 0,00 P ary hazardous consistents: If the showe and attached description is complete	ATOR CERTIFICATION	i my know	Treatment Method	omissia
UN/NAS: ). Hazardous Class: 4. Give the two prim l hereby certily than of compusition or p of the wase material	RQ: 0,00 P ary hazardous considernis: If the above and anached description is complete properties exist and that all known or suspected h	ATOR CERTIFICATION and accurate to the best of intraction have been disclosed	my know I. I also c	Treatment Method Treatment Method ledge and ability. No deliferate or willful settify that the obtained sample is represe	l omissia Mative
UN/NAS: 0. Hazardous Class: 4. Give the two prim l hereby certily than of compusition or p of the wasts material NAME (Princt)	RQ: 0,00 P ary hazardaus consistents: If the above and attached description is complete properties exist and that all known or suspected b ial described above and give PCI permission and T. L. W. W. L. A. Dest	ATOR CERTIFICATION and accurate to the best of interaction have been disclosed consett to make Amendme	my know I. I also o pts and co	Treatment Method Treatment Method ledge and ability. No deliverate or willful writify that the obtained sample is represen- mentions.	l omissio mative
UN/NAS: D. Hazardous Class: 4. Give the two prim l hereby certily that of computation or 1 of the wasts materia NAME (Prine)	RQ: 0,00 Pi ary hazardaus consumments: If the above and attached description is complete properties exist and that all known or suspected t isl described above and give PCI permission and The track of the second source and give PCI permission and The track of the second source and give PCI permission and the second source and give PCI permission and the second source and give PCI permission and the second source and the seco	ATOR CERTIFICATION and accurate to the best of interaction have been disclosed consett to make amendme Title Date	my know 1 laiso c pres and co 2 m	Treatment Method Treatment Method ledge and ability. No deliverate or willful writify that the obtained sample is represent mercions. CI Mart wat yes (	l omissio native ML)
I hereby certily the of the waste mater NAME (Princ)	RQ: 0,00 Pi ary hazardaus constaurns: If the above and attached description is complete properties exist and that all known or suspected t isl described above and give PCI permission and The intervention of the second store and give PCI permission and The intervention of the second store and give PCI permission and the second store and give PCI permission and	ATOR CERTIFICATION and accurate to the best of interaction have been disclosed consett to make amendment Title Date	my know 1. 1 also o pres and co 2. 1 also 2. 1 also 2. 1 also 3	Treatment Method Treatment Method ledge and ability. No deliverate or willful settify that the obtained sample is represent receipons. CI Mart Matter (	l omissio neative ML)
I hereby certily that of the wasts matern NAME (Prior)	RQ: 0,00 Pi ary hazardaus constaurns: If the above and attached description is complete properties exist and that all known or suspected b ial described above and give PCI permission and The interview of the second store and give PCI permission and The interview of the second store and give PCI permission and The interview of the second store and give PCI permission and the second store and give PCI permission and	ATOR CERTIFICATION and accurate to the best of 132Ard9 have been discloser consett to make amendme Title Date	$\frac{1}{2}$	Treatment Method Treatment Method ledge and ability. No deliverate or willful settify that the obtained sample is represent anterious. CT Mart Martine (	l omissio native
UNNAS: D. Hazardous Class: 4. Give the two prim I hereby certify that of compusition or p of the waste matern NAME (Prime) SIGNATURE	RQ: 0,00 Pi ary hazardaus constaurns: If the above and attached description is complete properties exist and that all known or suspected b ial described above and give PCI permission and The interview of the second store of the second store and give PCI permission and The interview of the second store of the second store of the second store and give PCI permission and The interview of the second store o	ATOR CERTIFICATION and accurate to the best of interaction between the second consett to make among Title Date	my know I. I also c pre and cu Starte 3 - 1 7	Treatment Method Treatment Method ledge and ability. No deliverate or willful sertify that the obtained sample is represent meetiops. CT Machinetty (	lomissia nestive
UN/NA3: D. Hazardous Class: 4. Give the two prim I hereby certify that of computation of p of the waste mater NAME (Prime) SIGNATURE	RQ: 0,00 Pi ary hazardaus constaurns: If the above and attached description is complete properties exist and that all known or suspected b ial described above and give PCI parmission and The integration of the second states of the second st	ATOR CERTIFICATION and accurate to the best of 1322ard9 have been discloser consett to make amendme Title Date	my know I. I also c pre and cu Starts 3 - 1 7	Treatment Method Treatment Method ledge and ability. No deliverate or willful settify that the obtained sample is represent arrections. CT Mart Mittage (	I omissio native ML)
UNINAS: D. Hazardous Class: 4. Give the two prim I hereby certify that of compusition or p of the waste mater NAME (Prime) SIGNATURE	RQ: 0.00 Pi ary hazardaus constants: If the above and attached description is complete properties exist and that all known or suspected h isl described above and give PCI parmission and The division of the second states of the second state	ATOR CERTIFICATION and accurate to the best of 13228rd9 have been discloser consett to make amendme Title Date	my know 1. I also o per and co 3 - 17	Treatment Method Treatment Method ledge and ability. No deliverate or willful certify that the obtained sample is represent arrections. CT Mart Mittage (	omissia native NL)
UN/NAS: D. Hazardous Class: 4. Give the two prim I hereby certify that of compusition or j of the waste materi- NAME (Prine) SIGNATURE	RQ: 0,00 Pi ary hazardaus constants: It the above and attached description is complete properties exist and that all known or suspected h isl described above and give PCI permission and The diverse of give PCI permission and The diverse of give PCI permission and	ATOR CERTIFICATION and accurate to the best of 13228rd9 have been discloser consett to make amendme Title Date	my know I. I also o pre and co Starte 3 - 7	Treatment Method Treatment Method ledge and ability. No deliverate or willful certify that the obtained sample is represent meetions. CT Machinettee (	l omissio nacive ML)
UN/NAS: D. Hazardous Class: A. Give the two prim I hereby certify that of compusition or p of the wasts matering NAME (Prine) SIGNATURE	RQ: 0,00 Pi ary hazardaus constants: to the above and attached description is complete properties exist and that all known or suspected h isl described above and give PCI permission and The diverse of give PCI permission and The diverse of give PCI permission and	ATOR CERTIFICATION and accurate to the best of 1322ard9 have been discloser consett to make amendme Title Date	my know I. I also c pre and c S	Treatment Method Treatment Method ledge and ability. No deliverate or willful certify that the obtained sample is represent arrections. CT Mart Mittage (	l omissio native ML)
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PCI MATERIAL DATA SURVEY

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Address: 255 Southald River Road Farmingtres, NM, 87401 Technatal Conset: Lake Overas Phone: (S0) B33-3667 Phone: (S0) S33-3667 Phone: (S0) S33-3667 Phone: (S0) S33-3667 Phone: (S0) S33-3667 Phone: S1.C Code: 553 FCI Sate: Roy: Bab.Braws Code: Bab.Braws Code: Bab.Braws Code: S52 Bab.Braws Code: Bab.Braws Code: Bab.Braws Code: Bab.Braws Code: S52 Bab.Braws Code: Bab.Braws Code: Bab.Braws Code: S52 Bab.Braws Code: S52 Bab.Braws Code: Bab.Braws Code: Bab.Braws Code: S52 Bab.Braws Code: S52 Bab.Braws Code: Bab.Braws Code: Bab.Braws Code: S52 Bab.Braws Code: Code: State Code: Bab.Braws Code: Code: State Code: Bab.Braws Code: Code: State Code:	A. Generator Name:	Enterra Oil Field R	cata)	Billing Name:	VAN W	ATERS & BOGERS INC.	
Farmington, NM. #7401         Phater, CO. 80214           Technakal Counce:         Luka Owena         Phone:         (801) 583-3667         Phat. (802) 583-3667         State (70) 583-567         State	Address"	2855 Southside Riv	er Road	Address	4300 Hal	lv Street	after der anlage an die anter aller i verbernen in
Tochnical Conset.         Luke Overas         Phant:         (801) S81-3667         Pixt. (801) S81-3667         Pixt. (801) S81-3667           Feld sale Rep:         Bada Brown         Broker Cortact: Bacabac Gauet         VWR Stele Rep           Constanto Name Of Water. Sump Studge         Bernier Grant         Versite State         Versite State           Andred of Simpers:         S Job Of Water. Sump Studge         Quantity: 5, Quarticity         Erriter Grant           B. PHYSICAL PROPERTIES @ 25C (777)         D. Based on howkedge or analysis, provide as a constraint in data or analysis, provide as a constraint in a stude of Miles Made of Miles State St		Farmington, NM	87401		Denver.	CO 80216	
Technical Consert.         Lake Overa         Plus:         [80]         983-3667         Plus:         Plus:         [80]         983-3667         Plus:         Plus:         Plus:         [80]         983-3667         Plus:         Plus:         Plus:         Plus:         [80]         983-3667         Plus:				an ann an An An Anna an			, , , , , , , , , , , , , , , , , , ,
Pederal EPA ID Not.CESQG Stats Rep. Backards and Stats Rep. Backards and Water Stats	Technical Contact	Luke Owens		Phose:	(\$01) \$83	-3667 F1x: (801) 583-4	1660
CT Sales Rep:       Bob Brown       Brober Corract: BerskerGaunt       VWR Sales Rep         Common Name of Watts: Sump Studge       Sump Clean Out       BerskerGaunt       BerskerGaunt <t< th=""><th>Pederal EPA (I) No</th><th>CESOC</th><th>ningen and an anne for the same and a second s</th><th>Steric ID No:</th><th><u></u></th><th>SIC Code 35</th><th>13</th></t<>	Pederal EPA (I) No	CESOC	ningen and an anne for the same and a second s	Steric ID No:	<u></u>	SIC Code 35	13
Example Analysis of Water, Sump Studge     Exercise Generating Water (matt to specific) Sump Clean Out     Analysis, provide an a     Construct of Standard Water Standards, Kegs     Exercise Generating Water (matt to specific) Sump Clean Out     Sump Study (matt to specific) Sump Study (matt to specific) Clean Out     Sump Study (matt to specific) Sump Study (matt to specific) Sump Clean Out     Sump Study (matt to specific) Study (matt to specific) Sump Study (matt to specific) Study (matt t	PC1 Sales Benr	Bob Brown		Broker Contr	v Barain	Gauer	aler Ren
Conginal Process Concrusing Wates (usus to specific) Sump Cleas Out       Quanty: 5, Quarterly         Method of Subprace: 55 gales Metal Dryma, Barrels, Kest       Quanty: 5, Quarterly         D. Based on Landrage or statistic, provide set on Landrage or Lan	Common Name of	Weste: Suma Sludee		DI OKCI CONCE		Ren	nice Gonat
Machod of Singneen: 55 galen Metal Drums, Barrels, Kest  D. Bardon 1 Singneen: 55 galen Metal Drums, Barrels, Kest  D. Bardon 1 Lawrels, Kest  D. Bardon 1 Lawrels, Kest D. D. Bardon 1 Lawrels, Kest D. D. D. Bardon 1 Lawrels, Kest D. D	Celeining Process G	concrating Wage (must	he specific) Sumn Clas	an Out			
B. PHYSICAL PROPERTIES @ 25C (77)       D. Based on iscontribute or statiytis, provide as a construction or use in the construle construction or use in the construction o	Method of Shipmer	a: 55 gallon Metal D	runs, Barrels, Kegs		Quantity:	5, Quarterly	
Color-Dack Mind. 7. Total Hologos: Specific Gravity: ventor vento for TCLP constructions on texts to consumption is true to vento for TCLP constructions on texts to consumption is true. The product to VLA construction on texts to consumption is true to vento for TCLP constructions on texts to consumption is true. The product of the product to the product of the p	B PHYSICAL P	ROPERTIES @ 25C	(77F)			D. Based on knowledge or analysis.	provide an actual
Color:       High       Builto:       Pitt       N/A       Plashpoint:       N/A       Plashpoint:       None Annue         Physical State Senial Solid	Color Dark Mud	7 Tot	Al Halogens:	Specific Gravity:		value or value for TCLP concentration	One on Loral metal
Physical State-Senit Solid         INOBGANIC CHARACTERISTICS           C. CHEMICAL COMPOSITION         OTHER CONFUNENTS           Character in the interception of the properties of the interception of the interceptine of the interception of the interception of the interception o	Odor: Mild	Bal/lb: N/A	pH: N/A	Flashpoint: N/	A	concentrations in ppm.	
C. CHEMICAL COMPOSITION Clan Hazardous and Non-Hazardous components and curresponding range Component: 55.00 Stat 55.00. 50.00 Dit: 55.00. 50.00 Stat 55.00. 50.00 Stat 2.00. 0 Stat 2.00 Stat 2.	Physical State:Sem	i Solid				INORGANIC CHARACTERISTIC	CS .
C. CHEMICAL COMPOSITION OTHER CONTONENTS						1004 Arsenic	< 5.0
Class Bard Non-High Four Components and Conference of the second state second state of the second state of the second state of the seco	C. CHEMICAL	COMPOSITION		OTHER COMPONENT	IS .	DO05 Barium	< 108.0
Sand     35.07 %0.00     Cynick:     N     D00 Lead       Uhr     35.00.00     Sulidion     N     D00 Sectum       Amiltorze     2.00 - 300     Readow Cynicke     N     D01 Sectum       Amiltorze     2.00 - 300     Readow Cynicke     N     D01 Sectum       Amiltorze     2.00 - 301     Readow Cynicke     N     D01 Sectum       Amiltorze     2.00 - 301     Readow Cynicke     N     D01 Sectum       Amiltorze     2.00 - 301     Readow Cynicke     N     D01 Sectum       Amiltorze     2.00 - 301     Readow Cynicke     N     D01 Sectum       Market     2.00 - 301     Readow Cynicke     N     D01 Sectum       Market     2.00 - 301     Readow Cynicke     N     D02 Sectum       Market     2.00 - 301     Readow Cynicke     N     D01 Sectum       Market     2.00 - 301     Readow Cynicke     D01 Sectum     Control       Market     2.00 - 201     Readow Cynicke     D01 Sectum     D01 Sectum       Market     2.00 - 201     Readow     D01 Sectum     D01 Sectum       Market     2.4 The Secture     D01 Secture     D01 Secture     D01 Secture       Distant     N     D02 Secture     D01 Secture     D01 Secture	(List Hazardous and	NOR-HEZAROOUI COMPONE	ane and converborating latific	VA	(PPM)	1 D007 Chromium	< 1.0 2 4 A
Dirt       35 00 - 90 00       Suffdas       N       D009 Mucacy         Water       2.00 - 500       Readow Cynifes N       D001 Silter         Antifreeze       2.00 - 510       Readow Suddes N       D011 Silter         Antifreeze       2.00 - 510       Readow Suddes N       D011 Silter         Antifreeze       2.00 - 510       Readow Suddes N       D012 Padrin         Prevalue       N       ORCPS N       Zate         Prevalue       N       ORCPS N       Zate         N       ORCPS N       Carcevire       D012 Padrin       D012 Padrin         N       Nate       D012 Padrin       D012 Padrin <td>Sand</td> <td></td> <td>35.00 - 50.00</td> <td>Cyanides N</td> <td></td> <td>D008 Lead</td> <td>&lt; 5.0</td>	Sand		35.00 - 50.00	Cyanides N		D008 Lead	< 5.0
Water       2.00 - 5.00       Readive Cynaiden N       100 Stemum         Oki       2.00 - 5.00       Readive Cynaiden N       1001 Stemum         Ansitreze       2.00 - 5.00       Readive Cynaiden N       1001 Stemum         Ansitreze       2.00 - 5.00       Readive Cynaiden N       1001 Stemum         Ansitreze       2.00 - 5.00       Readive Cynaiden N       1001 Stemum         Ansitreze       2.00 - 5.00       Readive Cynaiden N       0015 Longation         Marce       N       ORGANIC CEARAC TERESTICS       1012 Readime Cynaiden N         Marce Readinetive       D015 Tomphen       1011 Readive Cynaiden N       1011 Readive Cynaiden N         Marce Readinetive       D015 Tomphen       1011 Readive Cynaiden N       1011 Readive Cynaiden N         Dissiste       D016 Reactive       D016 Reactive       1016 Readive Cynaiden N       1016 Readive Cynaiden N         Dissiste       D016 Reactive       D016 Reactive       D016 Reactive       1010 Reactive       1010 Reactive         Dissiste       D016 Stemater       D012 Convolve       D012 Chorobarzae       0012 Chorobarzae       1012 Reactive         D017 Lebitototenzana       D018 Reactive       D012 Chorobarzae       1012 Reactive Choride       1012 Reactive Choride         E. BCERA CHIARACTERIZATION </td <td>Dia</td> <td></td> <td>35.00 - 50.00</td> <td>Sulfides N</td> <td></td> <td>D009 Mercury</td> <td>&lt; 0.2</td>	Dia		35.00 - 50.00	Sulfides N		D009 Mercury	< 0.2
CAI       2.00 - 3.011       Analyses       N       LODI SITTER         Analytezz       2.00 - 3.011       Analyses       N       Copper         PCB'S       N       Copper       Zine       Copper         PCB'S       N       Copper       Zine       Copper         PCB'S       N       Copper       Zine       Copper         Prevention       N       Copper       Copper       Zine       Copper         Prevention       N       Copper       Copper       Zine       Copper         Viewer Reductor Studies       N       Copper       Copper       Copper         Viewer Reductor Studies       N       Copper       Copper       Copper         Viewer Reductor Studies       Distret       Distre       Distret<	Water		2.00 - 5.00	Reactive Cyanides N	:	D010 Sciencum	< 1.0
Consistence  Constraints  Cons	Oil		2.00 - 5.00	Amore N	:	LULI Suver	< 5.0
Premier     N     ORGANIC CRARACTERISTICS       HAZARDOUS PROFENTIES     D012 Padrin     D012 Padrin     D013 Lindine       Nace     D014 Methorythlor     SD014 Distante       Nace     D014 Distante     D014 Distante       Nace     D016 Distante     D017 24,45,717 Gilveci       D016 Distante     D017 24,45,717 Gilveci     D018 Distante       D017 Distante     D017 Distante     D017 Distante       D018 Distante     D017 Distante     D017 Distante       D019 Distante     D017 Distante     D017 Distante       D010 Distante     D017 Distante     D017 Distante       D010 Distante     D017 Distante     D012 Distante       D017 Distante     D018 Distante     D018 Distante       D018 Distante     D019 Distante     D018 Distante       D019 Distante     D019 Distante     D019 Distante       D019 Distante     D019 Distante     D019 Distante       D019 Distante     D019 Distante     D018 Distante       D011 Distante     D011 Distante<	AUDILOCIE		. T.00 . 1.141	PCB's N		Zins	
IAZARDOUS FROPERTES       D012 Eddin         IAZARDOUS FROPERTES       D013 Indihe         Viet Retaile       D013 Totaphene         Witt Retaile       D013 Totaphene         Shock Sensive       D017 1.4.5TP (Silvec)         Dissim       D019 Carbon Tetrachoria         Dissim       D019 Carbon Tetrachoria         Correstive       D018 Editive         Dissim       D019 Carbon Tetrachoria         Carbonice       Prophonic         Dissim       D019 Carbon Tetrachoria         Air Readive       D021 Chorobargae         Other       D023 of Creaol         Prophonic       D023 of Creaol         D021 1, 4 Distilocobanceme       D021 (1, 4 Distilocobanceme         D022 1, 2 Distilocobanceme       D021 (1, 4 Distilocobanceme         D021 2, 4 Distrocobanceme       D021 (1, 4 Distilocobanceme         D021 1, 4 Distilocobanceme       D021 (1, 4 Distilocobanceme         D022 1, 4 Distrocobanceme       D021 (1, 4 Distilocobanceme         D021 2, 4 Distrocobanceme       D021 (1, 4 Distilocobanceme         D022 1, 4 Distrocobanceme       D021 (1, 4 Distrocobanceme         D023 2, 4 Distrocobanceme       D021 (1, 4 Distributed mail 's cpoxide')         D024 1, 5 Distrocobanceme       D021 (1, 4 Distributed mail 's cpoxide')				Phenolice N		ORGANIC CHARACTERISTICS	
If AZARDOUS PROFES       D015 Lindane         X       Nacz       D014 Methoryhilor         X       Nacz       D014 Methoryhilor         Water Relative       D015 Tomphene         Shock Sensitive       D017 2, 4, 5, -TP (Silvex)         Distaine       D017 2, 4, 5, -TP (Silvex)         D018 Dename       D019 C. Lindon TetreChoride         D019 C. Lindon TetreChoride       D012 C. Lindon TetreChoride         D022 C. Disordo TetreChoride       D022 C. Chorotorm         D022 C. Lindon Tetre       D022 p. Cread         D023 p. Cread       Ceread         Prophricic       D022 p. Cread         D021 L. Debkorechryter.       D021 p. Cread         D022 p. Cread       Ceread         Cher       D0219 [. L. Debkorechryter.         D021 J. C. Disconstree       D021 J. C. Disconstree         Lindia a "Daramethide Water" and onder 90CFR 261.31 %         Lindia a "Carenoire Water" ander 90CFR 261.31 and/or 201.31         D021 J. C. Disconstree       D021 J. C. Disconstree         D022 J. C. Toride Carenoire model with ond] If "Yes" give exase codes from 40CFR 261.31 and/or 201.31						D012 Padrin	< 0.02
K     Nozi     D114 Mithosystilor        Water Rative     D015 2,4 Dichlorophemoryaccic wild        Shock Sensive     D016 2,4 Dichlorophemoryaccic wild        Rationative     D017 2,4 STP (Silvex)        Dission     D018 Benzme        Dission     D017 Cathon Tetrachloride        Benzen     D017 Choothanzéne        Propholic     D02 Choothanzéne        Particia, Insanicide     D02 Choothanzéne        D018 Benzene     D017 Choothanzéne        Particia, Insanicide     D022 Choothanzéne        D023 p-Cresol         Particia, Insanicide     D023 p-Cresol        D024 Cresol     D025 p-Cresol        D025 p-Cresol         D026 Cresol     D028 Cresol        D027 Charlosobarde     D028 Cresol        D028 L-2 Dictorenteriste         D029 L-2 Dictorenteriste         D020 L-2 Dictorenteriste         D021 L-2 Dictorenteriste         D022 L-2 Dictorenteriste         D023 L-2 Dictorenteriste         D024 L-2 Dictorenteriste				HAZARDOUS PROPERT	TIES	D015 Lindane	< 0.4
wilder       D013 124-Dichlosphemozyaczic wijd         Shork Sensitive       D013 2.4.5.TP (Silvez)         Correstive       D017 2.4.5.TP (Silvez)         Dissima       D017 CARSTP (Silvez)         Dissima       D017 Carbosphemozyaczic wijd         Biotek       Benzzen         Dissima       D017 Carbosphemozyaczic wijd         Biotek       Benzzen         Dissima       D017 Carbosphemozyaczic wijd         Biotek       Biotek         Biotek       Biotek         Protocial, Instanticia       D021 Chloroberzeae         D021 Chloroberzeae       Coresive         D022 Chloroberzeae       Coresive         D023 Cressi       D023 eressi         D024 re-Cressol       Coresive         Partocial, Instanticia       D024 re-Cressol         Coresive       D025 cressi         D024 re-Cressol       Coresive         D025 re-Cold       Coresive         D024 re-Cressol       Coresive         D025 re-Cold       Coresive         D024 re-Cressol       Coresive         D025 re-Cold       Coresive         D026 re-cold       Coresive         D027 re-Cold row       D028 re-cold         Corecold re-cold re-cold re-c				X None		Dit Temphon	< 10.3
Berlandsmither       D017 2,4,5.TP (Silvex)         Correstive       D018 Benzume         Dissian       D019 Cubon Tetrachloride         Benzume       D017 2,4,5.TP (Silvex)         Dissian       D019 Cubon Tetrachloride         Benzume       D017 2,4,5.TP (Silvex)         Benzume       D017 2,4,5.TP (Silvex)         Benzume       D017 2,4,5.TP (Silvex)         Benzume       D017 2,4,5.TP (Silvex)         Dissian       D019 Cubon Tetrachloride         Benzume       D021 Chorohomzen         D022 Chlorohomzen       Color         Propherical       D024 m Cresol         Color       Propherical         D020 Cresol       Color         Pathogen       D027 1, 4-Disthorohamzen         Biological       D028 1,2-Disthorohamzen         D017 1, 4-Disthorohamzen       D029 1,1-Disthorohamzen         Biological       D029 1, 1-Disthorohamzen         D019 1, 10-Disthorohamzen       D020 1, 10-Disthorohamzen         D020 1, 10-Disthorohamzen       Color         D021 1, 10-Disthorohamzen       D020 1, 10-Disthorohamzen         D021 1, 10-Disthorohamzen       D020 1, 10-Disthorohamzen         D022 1, 10 morohamzen       D020 1, 10-Disthorohamzen         D023 1, 11, 10 moroham				W DET KEAG	IVC LVA	D015 Toxaphene D016 2 4 Dichlorophenoryacetic w	ເສີ ເມັນ ເສີ ເປັນນີ້
Correstive D016 Benzme D019 Cabon Tetrachloride D012 Chlorothane C D012 Chlorothane C D012 Chlorothane C D012 Chlorothane C C D011 (Epicathorothane C C C C C D011 (Epicathorothane C C C C C C C C C C C C C C C C C C C				Radionative		D017 2.4.5TP (Silvex)	< 10
Dioxium     D019 Catbon Tetrachloride       Benzeum Neshap     D020 Chlordam       Air Reserve     D021 Chlordam       Prasticide, Inscriptide     D022 Chlorotorm       Prasticide, Inscriptide     D023 C-Cressid       Biological     D024 D1 Chlordam       D023 p-Cressid     Coll       Biological     D024 D1 Chlorotorm       D023 p-Cressid     Coll       Coll     D023 p-Cressid       Coll     Pasticide, Inscriptide       D026 L12 Diorotorm     Coll       D027 Chlorotorm     Coll       D028 L12 Diorotorm     Coll       D039 Cressid     D021 Liborotorm       D040 L11 Diorotolocate     Coll       D040 L11 Diorotolocate     Coll <td></td> <td></td> <td></td> <td>Corrosive</td> <td>-</td> <td>D018 Benzane</td> <td>&lt; 05</td>				Corrosive	-	D018 Benzane	< 05
Biological       D021 Chlordame          Prophatic       D021 Chlordame          Prophatic       D022 Chlordame          Prophatic       D023 Cresol          D024 Chlordame           Prophatic       D023 Cresol          D024 Chlordame           Biological       D024 Cresol          D025 p.Cresol           Pathogen       D027 (.+Dicthorobenters          Biological       D028 (.2.Eithorobenters          D024 Pathogen       D021 (.+Dicthorobenters          D024 Chlordame       D028 (.2.Eithorobenters          Cher       D031 Heptathor (and it's croside)          1 this material * "Hazardout Watte" under 40CFR 261.31 N       D031 Heptathorobustae          2. In this an Thior X waste or mixed with out? If "Yes" is the mooth the start as "Hazardout Watte or spill cleansp that would corry a "U" or "P" waste code under 40CFR       261.31 and/or 261.31 and/or 261.32 and/				Dioxian		D019 Carbon Tetrachkoride	< 0.5
Air Reactive       D021 Chloroberzene          Prophynic       D022 Chloroberzene          Proteide, Insanicide       D022 Grootern          D024 In-Cresol           Exploitive       D022 Chloroberzene          Potymerizable       D026 Cresol          D021 (_hloroberzene           Potymerizable       D026 Cresol          D029 [_1.10x6thkereatrylen           D029 [_1.10x6thkereatrylen           D020 2, 4 Distroblezizens           D021 1, 2 Distroblezizens           D029 1, 1.10x6thkereatrylen           D020 2, 4 Dinicroblezizens           D021 2, 4 Dinicroblezizens           D021 1, 4 Distroblezizens           D021 1, 2 Distroblezizens           D021 1, 4 Distroblezizens           D022 1, 1 Distroblezizens           D023 1, 4 Distroblezizens           D023 1, 4 Distroblezizens           D023 1, 4 Distroblezizens        <			:	Benzenie Nes	bap -	DO20 Chlordano	< 0.03
E. RCRA CIJARACTERIZATION     E. RCRA CIJARACTERIZATION     Lis this materials a "Hazardout Watts" under 40CFR 261.37 N     Lis this materials a "Hazardout Watts" under 40CFR 261.37 N     Lis this materials a "Hazardout Watts" under 40CFR 261.37 N     Lis this materials a "Hazardout Watts" under 40CFR 261.37 N     Lis this materials a "Hazardout Watts" under 40CFR 261.37 N     Lis this an "F" or "K" waste or mixed with one?" If "Yes" give waste codes from 40CFR 261.31 and/or 261.32:     Lis this a start regulated waste? II If "Yes" give exaste codes from 40CFR 261.31 and/or 261.32:     Lis this a start regulated waste? II If "Yes" give exaste codes from 40CFR 261.31 and/or 261.32:     Lis this a start regulated waste? II If "Yes" give exaste codes from 40CFR 261.31 and/or 261.32:     Lis this a start regulated waste? II If "Yes" give exaste codes from 40CFR 261.31 and/or 261.32:     Lis this a start regulated waste? II If "Yes" give exaste codes from 40CFR 261.31 and/or 261.32:     Lis this a start regulated waste? II If "Yes" give exaste codes from 40CFR 261.31 and/or 261.32:     Lis this a start regulated waste? II If "Yes" give exaste codes from 40CFR 261.31 and/or 261.32:     Lis this a start regulated waste? II If "Yes" give exaste codes from 40CFR 261.31 and/or 261.32:     Lis this a start regulated waste? II If "Yes" give exaste codes from 40CFR 261.31 and/or 261.32:     Lis this a start regulated waste? II If "Yes" give end     DO3 Firstliorophrani     Code Tictuloroethylenc     Code Tictuloroet			i -	Air Reactive		D021 Chlorobenzede	< 109.0
Existing cal       D024 m.Cread         Existing cal       D024 m.Cread         Explosive       D025 p.Cread         Pathogen       D021 (1,4-Dicthorobenacms         Biological       D028 (1,2-Dicthorobenacms         D010 (1,4-Dicthorobenacms       D028 (1,2-Dicthorobenacms         Biological       D028 (1,2-Dicthorobenacms         D029 (1,1-Dicthorobenacms       D028 (1,2-Dicthorobenacms         D024 (1,2-Dicthorobenacms       D028 (1,2-Dicthorobenacms         D030 (2,4-Dinieroobenacms       D031 Hepachlor (and if's eposide)         L is this material x "Hazardous Watte" under 40CFR 261.31 N       D031 Hepachlor (and if's eposide)         D031 (1) Epicthorobenacms       D031 Hepachlorobutadisms         D034 Heachlorobutadisms       D031 Hepachlorobutadisms         D034 Heachlorobutadisms       D031 Hepachlorobutadisms         D034 Heachlorobutadisms       D031 Hepachlorobutadisms         D034 Heachlorobutadisms       D034 Heachlorobutadisms         L is this a "F" or "K" watte or mixed with one?       If "Yes" give eades         S. Is this a state regulated watte? If "Yes" give codes       D037 Patiachlorophenol         L is this a "Tazardous Sobanace/Manne Pollutati" as defined in 49CFR D.O.T? N       D041 2,4,5-Tirchlorophenol         L is this a "Hazardous Clases:       RQ:       0.40       Packagi		:		Perticida In	earnicada	D023 p-Cresof	< 50 - 700 (
Explosive     D025 p-Cresol        Polymerizable     D026 Cresol        Polymerizable     D026 L-D026 Cresol        D027 1.4 Dictiferobenters        Biological     D028 1.2 Dictiferobenters       D010 2.4 Distributed values        Cher:     D020 2.4 Distributed values       D020 2.4 Distributed values        L tribis material a 'Hazardous Watts' under 40CFR 261.37 N     D031 Heptachter (and it's eposite)       L tribis a 'Channezitatic Watts'' Int' Yes'' is it:     D001 [goluble]       D004-D043 Toxic, give specific codes     D031 [miluble]       J. Is this an 'F' or 'K' watte or miled with onell If 'Yes'' give waste codes from 40CFR 261.31 and/or 261.31:     D034 Heatchlorobusteiren       261.33 (c) or (D7N If 'Yes' give codes     D038 tractilerostutisticm     D039 Testactilerostupenoi       S. Is this an 'F' or 'K' watte or miled with onell If 'Yes' give codes     D037 Protectilerostupenoi     C       261.33 (c) or (D7N If 'Yes' give codes     D038 Protectilerostupenoi     C       J. Is this a 'Hazardous Substance/Manne Polluteat' as defined in 49CFR D.O.T? N     D041 2.4.5-Trichlorophenol     C       2.1 West is waterial turnet in the string material as a defined in 49CFR D.O.T? N     D041 2.4.5-Trichlorophenol     C       2.1 West is wo primary hazardous constituenter:     Packaging Group:     FOR INTERNAL USE (INLY Diate CER)       2.1 Wes			,	Enplorical		D024 m-Cresof	< 200.0
Polymerizable       D026 Creani          Pathogen       D027 1, 4 Dictlorobenterns          Biological       D028 1, 2 Dictboroentarns          Other:       D029 1, 1-Dicthoroentarns          D028 1, 2 Dictboroentarns           Cher:       D029 1, 1-Dicthoroentarns          D028 1, 2 Dictboroentarns           D029 1, 1-Dicthoroentarns           D021 1, 4 Digitoroentarns           D021 1, 4 Digitoroentarns        <				Explosive		D025 p-Cresol	< 206.
Pathogen     D027 [.4-Dictlorobenzans       Biological     D028 [.2-Dictlorobenzans       Other:     D029 [.1-Dictlorobenzans       D010 [.1-Dictlorobenzans     D029 [.1-Dictlorobenzans       E. PCRA CHARACTERIZATION     D010 [.1-Dictlorobenzans       Is this material a "Hazardour Watts" under 40CFR 261.31 N     D011 Heptachlor (and if's epoxide)       Lis this a "Charanzenduk Waste" N     If 'Yea' is it:     D001 [gnitable       D020-D041 Toxic, give specific codes     D001 [gnitable     D022 Corresive     D038 Reactive       D034 Hestachlarobenzene     Conterne     D034 Hestachlarobenzene     D034 Hestachlarobenzene       J. Is this an "F" or 'K" waste or mixed with onell if "Yea" give waste codes from 40CFR 261.31 and/or 261.31:     D034 Methyl Ehryl Kanone     D035 Methyl Ehryl Kanone       4. Is this a commercial chemical perduct or spill clearup that would corry a "U" or "P" waste code under 40CFR     D037 Pratactionophenol     D037 Pratactionophenol       S. Is this a "Hazardous Sobaance/Marine Pollutant" as defined in 49CFR D.O.T? N     D041 2.4.5-Tricblorophenol     D043 Vinyl Chloride       L buis a "Hazardous Gasar:     RQ:     0.40     Packaging Group:     Poate Reactived       D043 Vinyl Chloride     Cenverd     Cenverd     D043 Vinyl Chloride			· ·	Polymerizab	ie :	D026 Cresol	< 200.0
Douglean     Douglean       Other:     Double:       Other:     Double:       Double:     Double:				Pathogen	:	D027 1.4-Dict.lorobenters	< 75
E. RCRA CHARACTERIZATION     E. RCRA CHARACTERIZATION     Is this material a 'Hazardous Watta' under 40CFR 261.31 N     Is this material a 'Hazardous Watta' under 40CFR 261.31 N     Is this a 'Channezeriatic Wasta' 'N It 'Yes' is the DODI Igniuble D002 Corresive D003 Reactive     D003 Reactive D013 Heatchlorobenzene     D013 Heatchlorobenzene     D014 Heazachlorobenzene     D014 Heazach				Diotogical		1020 1 LUCAN statistics	< U 3 
E. RCRA CHARACTERIZATION       D031 Heptachlor (and it's epoxide)         1. Is this material a "Hazardous Watte" under 40CFR 261.37 N       D031 Heptachlor (and it's epoxide)         2. Is this material a "Hazardous Watte" IN It "Yes" is it: D000 Ignitable D002 Corrosive D003 Reactive D038 Heatchlorobutadiens       D031 Heptachlorobutadiens         2. Is this an "P" or "K" waste or mixed with one? If "Yes" give waste codes from 40CFR 261.31 and/or 261.32:       D038 Heatchlorobutadiens         3. Is this an "P" or "K" waste or mixed with one? If "Yes" give waste codes from 40CFR 261.31 and/or 261.32:       D038 Merayl Edny Edny Edny Edname         4. Is this a commercial chemical product or spill cleanup that would corry a "U" or "P" waste code under 40CFR       D037 Pratechlorophenoi         261.33 (c) or (D?N       If "Yes" give codes       D038 Privilic:         5. Is this a "Hazardous Sattance/Manne Pollutzat" as defined in 49CFR D.O.T? N       D040 Trichlorophenoi         21. If "Yes" give the proper D.O.T. Shipping Pescription from 49 CFR 172.101:       D042 2.4.6-Trichlorophenoi         NotElexandous Clases:       RQ:       0.40       Packaging Group:         3. Heptactus Clases:       RQ:       0.40       Packaging Group:         FOR INTERNAL USE (INLY         GENERATOR CERTERICATION		weeken and the second state of the second stat				D030 2.4 Dinkrosolucae	< 0.1
1. Is this material a "Hazardous Watts' under 40CFR 261.31 N         2. Is this a "Channelatic Wasts' N If "Yes" is it: D001 Ignitable D002 Corrosive D003 Reactive D038 Reactive D038 Hexachlorobuludiern.         D004-D04J Toxic, give specific codes         3. Is this an "F" or "K" waste or mixed with one? If "Yes" give waste codes from 40CFR 261.31 and/or 261.31:         4. Is this a "F" or "K" waste or mixed with one? If "Yes" give waste codes from 40CFR 261.31 and/or 261.31:         5. Is this a of the or the micel product or spill clearup that would contry a "U" or "P" waste code under 40CFR         261.33 (c) or (f)?N If "Yes" give codes         5. Is this a state regulated waste? If "Yes" give codes         DOT CHARACTERIZATION         1. Is this a "Hazardous Subsance/Manne Pollutant" as defined in 49CFR D.O.T? N         DOT Sharet Mesterial UNIVAR:         3. Homerous Class:         RQ:       0.40         Packaging Group:         GENERATOR CERTIFICATION	E. RCRA CHAR	ACTERIZATION			:	D031 Heptachlor (and it's epoxide)	< 0.000
2. Is this a "Channelistic Waste" N If "Yes" is it: D001 Ignitable D002 Corrosive D003 Reactive D038 Heatchbrobuludiern: D034 Heatchbrobuludiern: D036 Nitroburstence         4. Is this a of "F" or "K" waste or mixed with one? If "Yes" give waste codes from 40CFR 261.31 and/or 261.31: D035 Nitroburstence       D035 Nitroburstence         5. Is this a state regulated waste? If "Yes" give code       D037 Testschlorophenoi       C         DOT CHARACTERIZATION       DOT CHARACTERIZATION       D040 Trictbrotechyler: D040 Trictbrotechyler: D040 Trictbrotechyler: D040 Trictbrotechyler: D040 Trictbrotechyler: D042 2,4,6-Trictblorophenol       C         1. Is this a "Hazardous Substance/Manne Pollutant" as defined in 49CFR D.O.T? N       D042 2,4,6-Trictblorophenol       D042 2,4,6-Trictblorophenol         2. If "Yes" give the moper D.O.T. Shipping Description from 49 CFR 172.101: Nog-Hazardous Class:       RQ: 0.40 Packaging Group:       FOR INTERNAL USE UNLY         A. Give the two primary hazardous constituents:       GENFERATOR CERTIFICATION       Date Received Date Approved Treatments Method <td>4. Is this material a *</td> <td>Hazardour Watts' under</td> <td>40CFR 261.37 N</td> <td></td> <td>:</td> <td>D032 Hexachicrobenzene</td> <td>&lt; 0.13</td>	4. Is this material a *	Hazardour Watts' under	40CFR 261.37 N		:	D032 Hexachicrobenzene	< 0.13
DO4-D04 1042, give speake codes 3. If this an 'F' or 'K' wake or mixed with one'l If 'Yes' give waste codes from 40CFR 261.31 and/or 261.31: 4. If this an 'F' or 'K' wake or mixed with one'l If 'Yes' give waste codes from 40CFR 261.31 and/or 261.31: 5. If this a commercial chemical product or spill cleanup that would chorry a "U" or "P' waste code under 40CFR 261.33 (c) or (D?N If 'Yes' give codes 5. If this a state regulated waste? If 'Yes' give code DOT CHARACTERIZATION 5. Is this a that regulated waste? If 'Yes' give code CO37 Pratechiorcethylene DO38 Pyridine DO40 Trictdoroethylene CO39 Tetrachiorcethylene DO40 Trictdoroethylene CO39 Tetrachiorcethylene CO30 Trictdoroethylene CO30 Tetrachiorcethylene CO30 Tetrachiorcethylen	2. is this a "Characte	clathe Waster N It Ye	a'is it: D001 Igniuble	D002 Corrosive D0	03 Reactive	D033 Hexachlorobutatiens	< 0.5
A. Le this a commercial chemical product or spill cleanup that would cherry a "U" or "P" waste node under 40CFR     DO37 Pratectionuphenoi     Control of the second	D004-D04J 10	NEC, give specific codes	and Waves over warte o	oder from ANCEP 141 11 and	10- 741 21+	DUM Herry Fibre Kalone	< 3.0
4. Is this a commercial chemical product or spill clearup that would curry a "U" or "P" waste code under 40CFR       D037 Pratectilosuphenoi         261.33 (c) or (D?N       If "Yes" give codes       D038 Pyridine         5. Is this a state regulated waste? If "Yes" give codes       D039 Tetractilosuphenoi       D039 Tetractilosuphenoi         5. Is this a state regulated waste? If "Yes" give codes       D039 Tetractilosuphenoi       D039 Tetractilosuphenoi         5. Is this a state regulated waste? If "Yes" give codes       D040 Trictuloroethylene       D040 Trictuloroethylene         1. Is this a "Hazardous Sabanace/Manne Pollutant" as defined in 49CFR D.O.T? N       D040 Z, 4, 6-Trichlorophenoi       D042 Z, 4, 6-Trichlorophenoi         2. If "Yes" give the motor D.O.T. Shipping Description from 49 CFR 172.101:       D042 Z, 4, 6-Trichlorophenoi       D043 Vinyt Chloride         Noti-Elazardous Class:       RQ:       0.80       Packaging Group:       FOR INTERNAL USE ONLY         3. Hoeardous Class:       RQ:       0.80       Packaging Group:       FOR INTERNAL USE ONLY         GENERATOR CERTIFICATION       GENERATOR CERTIFICATION       Date Approved       Treatments	≏iteninoien 1. na 1	ar weath of mining with r	umi u seo kuo asseo	~~~ 4000 TOUTE 101.31 300	···	D036 Nilsabeistene	< 10
261.33 (c) or (0?N)       If "Yes" give codes         5. Is this a state regulated waste? If "Yes" give codes       D038 Pyridine         5. Is this a state regulated waste? If "Yes" give codes       D039 Tetrachloroethylene         6. Is this a state regulated waste? If "Yes" give codes       D039 Tetrachloroethylene         7. Is this a "Hazardous Sabanacc/Manne Pollutant" as defined in 49CFR D.O.T? N       D041 2.4.5.Trichlorophenol         8. Is this a "Hazardous Sabanacc/Manne Pollutant" as defined in 49CFR D.O.T? N       D042 2.4.5.Trichlorophenol         9. If "Yes" give the motor of four #9 CFR T72.101:       D042 2.4.5.Trichlorophenol         Noti-Elazardous Waste Material       D043 Vinyl Chloride         UN/NA#:       D040 Packaging Group:         9. Hocardous Class:       RQ:         0.80       Packaging Group:         FOR INTERNAL USE UNLY         Date Received         Date Approved         Treatments         GENERATOR CERTIFICATION	4. Le chis a commerci	at chemical product or sp	ill cleanup that would carry.	o "U" or "P' weste node unde	er 40CFR	D037 Pratachlorophenoi	< 100.0
5. Is this a state regulated wast? If "Yes" give and DOT CHARACTERIZATION       D039 Tatashilorsethylene         1. Is this a "Hazardous Sabsance/Manne Pollutant" as defined in 49CFR D.O.T? N.       D041 2.4.5-Trichlorophenol         2. If "Yes" give the proper D.O.T. Shipping Description from #9 CFR 172.101: Nog-Elazardous Waste Meserial UN/NA#:       D042 2.4.5-Trichlorophenol         3. Hecardous Class:       RQ:       0.80       Packaging Group:         4. Give the two primary bazardous constituents:       Date Received Date Approved       Treatments         GENERATOR CERTIFICATION	261.33 (c) or (f)?	I Yes give codes				D058 Pyridine	< 5.0
DOI CLEARACTERREZIATION       IMAD HICEDOPERION         1. he tais a "Hazardous Sabuance/Maine Pollutant" as defined in 49CFR D.O.T? N       D041 2.4.5-Trichlorophenol         2. If "Yes" give the proper D.O.T. Shipping Description from 49 CFR 172.101:       D042 2.4.6-Trichlorophenol         Nog-Hazardous Warte Material       D042 2.4.6-Trichlorophenol         INVA#:       D043 Vinyt Chloride         3. Hexardous Class:       RQ:       0.80         Packaging Group:       FOR INTERNAL USE ONLY         4. Give the two primary bazardous constituents:       Date Received         GENERATOR CERTIFICATION       Date Approved	5. Is this a state regul	lated waste? If "Yes" give	e cad			D039 Tetrachiorsethylens	< 3.7
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Noti-Hazardous Watte Material UNNA#:     D043 Vinyl Chloride       3. Hoardous Class:     RQ:     0.80       Packaging Group:     FOR INTERNAL USE (INLY Date Received Date Approved Treatments Method	2. If "Yes" five the r	mooer D.O.T. Shimmer	Description from 49 CFR 172	2,101;		D042 2,4,6-Tricklorophenul	< 2.0
A. Give the two primary hazardous constituents:     GENERATOR CERTIFICATION	Non-Hazardous P	Varie Mesorial			-	D043 Vinyl Chloride	< 0.2
4. Give the two primary hazardous constituents:  Date Recz(ved	3. Homrdous Class.	RQ	0.00 P	ackaging Group		FOR INTERNAL U	ISE ONLY
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			GENER	ATOR CERTIFICATIO	N :		
Thereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability. No deliberate or willful on is	I hereby certify that	t the above and attachs	a description is complete	and accurate to the best of	f my keow	ledge and ability. No deliberate of	willful omissions
of composition or properties exist and that all known or suspected hazards have been disclosed. I also certify that the obtained sample is representative	of composition or p	properties exist and the	all known or suspected l	hezards have been disclose	id. I aliso o	cruity that the obtained sample is i	representative

# APPENDIX B

### WASTE CONTAINMENT INSPECTION LOG

### **Facility Maintenance Checklist**

Facility:Weatherford U.S., L.P.Address:850 S. Browning Parkway<br/>Farmington, NM 87401

Facility ID #: \_ Month of:

WEEKLY QUARTERLY Waste Drum Product Storage 500 gallon Dirty BOP Sump and LANDA Unit Pipe Inspection Yard Wash Treatment Room Initials: Date: Storage Area Secondary Area Tank Storage Area Trench Drain Oil/Water Area Inspection Containment Containment Containment Separator Containment Area Monitoring Well ,

Date:	Area:	Comments/Recommendations:

Send copy to Weatherford, Health, Safety and Environmental Department 515 Post Oak Blvd Suite 600, Houston, TX 77056 or Fax to (713) 693-4498.

#### INSTRUCTIONS FOR COMPLETING THE FACILITY MAINTENANCE CHECKLIST

Each box of the inspection sheet (other than Date and Initials) should contain one of the following notations:

- Area is in compliance with Company Policy and Procedures Manual;
- X This area needs attention; or
- NA This box is not applicable to the facility.

If the notation X is entered in a box, use the Comments/Recommendations section to describe a corrective action for the problem. For the  $\sqrt{10}$  to be entered, <u>all</u> of the statements listed below for that area must be true.

#### WASTE CONTAINMENT AREA / PRODUCT STORAGE AREA / CHEMICAL STORAGE AREA

- ✓ Containers are in good condition, not leaking or deteriorating;
- ✓ Containers are compatible with the material being stored and labeled to identify their contents;
- ✓ Containers are closed and the bungs or lids are tightly sealed;
- ✓ Containers are stored in a safe manner (away from sources of ignition, away from traffic, at least 50 feet from the property line, at least 100 feet from buildings on neighboring property, etc.);
- Containers are within a secondary containment area under a roof or other cover;
- ✓ Storage takes place in a designated area which is posted as "No Smoking";
- ✓ Grounding devices are used when transferring flammable liquids into or between containers;
- Emergency and spill control plans, equipment and supplies, including alarms, telephones, fire extinguishers, personal protective equipment and absorbents are readily available; and
- ✓ The number of exits provided should allow for safe evacuation in case of an emergency.
- Storage areas are marked with warning signs listing the principal hazards of the wastes stored;
- Security precautions have been implemented to limit access to authorized personnel only;
- ✓ Aisle space allows for unobstructed movement of workers and equipment at all times;
- ✓ Ignitable wastes are protected from possible ignition sources;
- Reactive wastes are separated to prevent reactions; and
- Adequate ventilation is provided for enclosed accumulation areas.

#### **PIPE COATING AREA**

- ✓ Coatings are applied using airless application methods to minimize airborne contamination;
- Coatings are applied in areas having secondary containment;
- ✓ Spray painting operations without vapor recovery systems are no closer than 50 feet from the property line and are at least 250 feet from adjoining property buildings;
- Coatings and thinners are properly stored in an approved flammable storage area;
- ✓ Solidified drippings from the coating process are managed to prevent impact to surface soils;
- ✓ Coatings, thinners and adhesives are collected in DOT drums or containers, properly labeled, and stored in the drum storage area; and
- Empty containers are properly disposed of and not allowed to accumulate.
- WASTE WATER TREATMENT SYSTEM
- Pipes, pumps and seals are not leaking;
- Adequate supplies are on hand (e.g., paper filters, carbon, alum, sodium hypochlorite, quick-release soap); and

#### ✓ All equipment is properly maintained according to the manufacturer's instructions.

- DRAINAGE/COLLECTION SYSTEMS
- ✓ All grates and covers are in place; and
- ✓ Drains are not blocked and flow freely.

#### YARD INSPECTION

✓ All general housekeeping requirements are being met.

#### CAUSTIC VAT

- Vat is of double-wall construction or placed in a containment area;
- Vat is no closer than 50 feet from the property boundary and is at least 150 feet from adjoining property buildings;
- ✓ When equipment is removed from the vat it is drained thoroughly over the vat to ensure that no more than minimal amounts of caustic spill onto the cleaning slab and/or enter the wastewater sump;
- ✓ Drums used to contain caustic or spent caustic corrosion-resistant or lined to prevent corrosion;
- ✓ Drums used to contain caustic or spent caustic are properly sealed;
- ✓ Full drums of spent caustic are properly labeled and moved to the waste drum storage area; and
- ✓ If caustic vats are drained, they are refilled with sodium metasilicate solution, <u>not</u> sodium hydroxide.

#### PAINT BOOTHS AND BLASTING BOOTHS

- All fans function properly and are properly maintained;
- ✓ Filters are changed at required intervals; and
- ✓ Floor is free of debris.

# APPENDIX C

### ODC NOTIFICATION FORM

### State of New Mexico Energy and Minerals Department



# NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

						Ad	dress							
leport of	Fire	Brea	k	s	pill	<u> </u>	Leak		Blowc	out	Ott	ner"		<u> </u>
ype of Facility	Drig Well	Prod V	Well	Tanl	Btty	Pip	e Line	Gas	o Pint	Oil F	l. Ify	Oth	er*	
lame of Facility	<u>I</u>	I	1			1		ł				-J		<u> </u>
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)istance and Dir	ection From N	learest	Town c	or Pro	minent	Lan	dmark	I		<b>_</b>		1,	1	
ate and Hour o	Occurrence					Da	te and H	our of	Discov	ery				<del></del> .
Vas Immediate N	otice Given?	Yes	No I	Not F	equired	I If Y	es, To W	hom						
By Whom		<u></u>	l.,			Da	te and H	our						
ype of Fluid Los	it					Qu	lantity Loss		8 8\		oiume	e _		BC BW
Did Any Fluids R	each a Water	course?	· Yes	N	D Que	antity	,							
Describe Cause	of Problem an	d Reme	dial A	ction	Taken*	•					<u>-, .</u>			
Describe Cause	of Problem an	d Reme	odial Ad	ction	Taken*	•								
Describe Cause	of Problem an	d Reme	Action	ction Take	Taken* n**	•							• •	
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### WEATHERFORD SPILL REPORT FORM

FACILITY ADDRESS: 850 S. Browning Parkway Farmington, NM87401 FACILITY ID NUMBER:\_\_\_\_\_\_ PHONE NO. (505) 327-6341 \*\*\*\*\* WEATHERFORD CORPORATE EMPLOYEE CONTACTED: \*Report any spill, release or environmental hazard immediately to the Health, Safety & Environmental Dept. - Houston, Texas or call the ENVIRONMENTAL HELP LINE - (713) 439-9595. DATE AND TIME OF RELEASE: \*SPILL REPORTED TO AGENCY: \_\_\_\_\_ \*NAME OF AGENCY REPORTED TO: \_\_\_\_\_ \*AGENCY REPRESENTATIVE CONTACTED: \_\_\_\_\_ \*\*\*\*\*\*\*\*\*\*\*\*\* \*\*\*\*\* TYPE OF MATERIAL SPILLED: \_\_\_\_\_\_ AMOUNT OF MATERIAL SPILLED: \_\_\_\_\_ AREA COVERED BY SPILL: ACTIONS TAKEN TO IMMEDIATELY ABATE HAZARDOUS SITUATION: \*\*\*\*\*\* \*\*\*\* SUMMARY OF SPILL - INCLUDE DETAILS OF ALL ACTIVITIES:

\* Spills are to be reported to the HSE&R Department who will notify the appropriate agency.