GW - 158

PERMITS, RENEWALS, & MODS Application

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. _____ dated 5/7/09

or cash received on _____ in the amount of $ 1700 00

from Knight Oil Tools Inc

for GW-158

Submitted by: Lawrence Romero Date: 5/12/09

Submitted to ASD by: [signature] Date: 5/12/09

Received in ASD by: _____ Date: _____

Filing Fee _____ New Facility _____ Renewal _____

Modification _____ Other _____

Organization Code 521.07 Applicable FY 2004

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

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

May 4, 2009

Mr. Mickey Broussard
2727 SE Envangeline thruway
Lafayette, La 70508

Re: Discharge Permit Renewal
Knight Oil Tool Oil and Gas Service Company (GW-158)
NW/4 NW/4 Section 25 Township 29 North, Range 12 West, NMPM,
San Juan County, New Mexico

Dear Mr. Broussard:

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 **Knight Oil Tools, Inc.** (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 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,

Glenn von Gonten
Acting Environmental Bureau Chief

Attachments-1
xc: OCD District Office

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 an Oil and Gas Service Company is $1700.00. Please submit this amount along with the signed permit conditions within 30 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 May 31, 2014** 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 December 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 OCD-approved 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 OCD-approved 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 Part 35 Waste: Pursuant to OCD Part 35 (19.15.35.8 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 20.6.2.1203 NMAC and OCD Part 29 (19.15.29 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 inspected this facility on November 20, 2008. Randy Eitel and Brandon Powell were in attendance. All photographs referenced below are located in the attachment of this permit. The OCD concluded the following:

1. **Photo 1:** Does this identified below grade tank in the wash bay area have a secondary containment? i.e. a tank within a tank?. How often is this tank full of fluids? Respond with details.
2. **Photo 2**: the saddle tank needs to be reconfigured so that the outlet portion of the tank (hose) is within a containment area. If the valve were to fail there would be a direct discharge on to the ground. Knight shall reconfigure tank.
3. **Photo 3**: Bung missing on barrel. See condition 7 for details on barrel/drum storage.
4. **Photo 4 - 6**: The agency has observed several containers holding what is believed to be containment soil and "waste". Waste should not be kept onsite no longer than 180 days unless approved by the OCD. See condition 6. B, for details. Properly remove and dispose of waste within the prescribe time frame.
5. **Photo 7**: All barrels should be properly stored. See condition 7. Reconfigure all barrels.
6. **Photo 8**: There appears to be some staining directly outside the wash bay building. Knight shall investigate this staining and report any findings to the OCD.
7. **Photo 9 – 10**: the secondary containment for this trailer has idle fluids and appears to have breached its integrity. Knight shall ensure that all containments are able to be suitable containers. As soon as a breached it identified immediate action is needed to resolve the situation and stop the discharge on to the ground. **This unaddressed leaking containment is a violation of the discharge permit**. Knight shall remove these fluids within a 72 hour period (see condition 11.A) and clean up the contaminated soil.
8. **Photo 11**: The agency strongly encourages Knight Oil Tooling to ensure that all waste containers or containers in general are properly disposed of.

The OCD Environmental Bureau concludes that the Knight Farmington facility is in overall good condition. The above stated concerns shall be addressed within a report and submitted to the OCD within **30 days, by June 5, 2009**. The report shall include resolutions and answers to the above list. The probability of contaminating ground and surface waters in this area is of great concern with a wetland adjacent and directly north of the facility and with ground water within 3 feet.

Knight Oil Tool's management shall inform its employees of the permit conditions **within 30 days** of signed permit. A copy of the permit shall be kept onsite at all times.

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. ***An 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: All employees shall be made aware of the discharge plan permit conditions.

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

Conditions accepted by: "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."

Knight Oil Tools
Company Name-print name above

Mickey Broussard
Company Representative- print name

Company Representative- Signature

Title VP Operations

Date: 5/5/09

OCD Inspection: Knight Oil Tool Farmington, GW - 158

Inspector(s): Brandon Powell and Leonard Lowe

Company Rep: Randy Eitiel

Date: 11.20.08 Time: 12:50 – 13:30

Photo 1: Sump for wash bay.

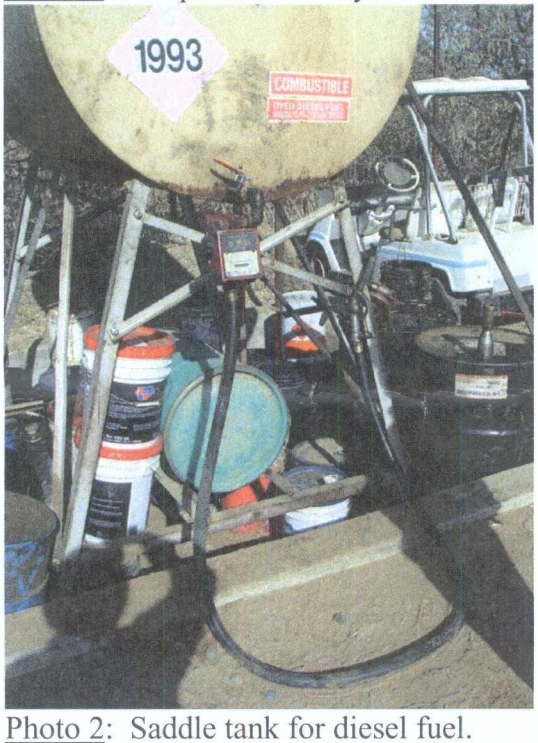

Photo 2: Saddle tank for diesel fuel.

Photo 3: Bung missing on barrel.

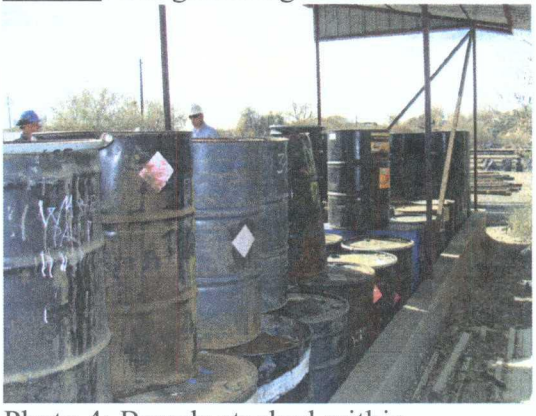

Photo 4: Barrels stacked within containment.

Photo 5: Soil in barrel.

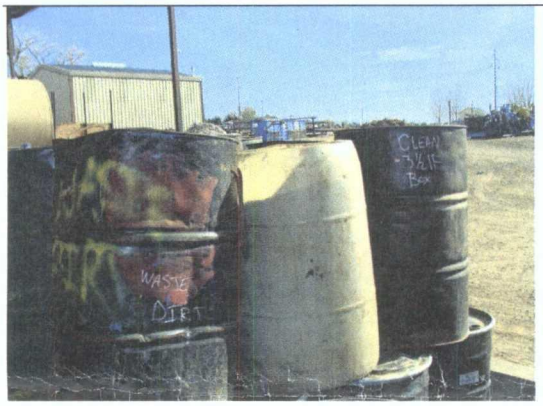

Photo 6: More barrels holding soils.

Photo 7: Empty containers on pallet in yard.

Photo 8: Outside and behind building of wash bay.

Photo 9: Compressor? Located in secondary container holding fluids.

Photo 10: Secondary container with staining underneath.

Photo 11: Bin of debris.

New Mexico Energy, Minerals and Natural Resources Department

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May 4, 2009

Mr. Mickey Broussard
2727 SE Envangeline thruway
Lafayette, La 70508

Re: Discharge Permit Renewal
Knight Oil Tool Oil and Gas Service Company (GW-158)
NW/4 NW/4 Section 25 Township 29 North, Range 12 West, NMPM,
San Juan County, New Mexico

Dear Mr. Broussard:

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Sincerely,

Glenn von Gonten
Acting Environmental Bureau Chief

Attachments-1
xc: OCD District Office

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APPROVAL CONDITIONS

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6. **Photo 8**: There appears to be some staining directly outside the wash bay building. Knight shall investigate this staining and report any findings to the OCD.
7. **Photo 9 – 10**: the secondary containment for this trailer has idle fluids and appears to have breached its integrity. Knight shall ensure that all containments are able to be suitable containers. As soon as a breached it identified immediate action is needed to resolve the situation and stop the discharge on to the ground. **This unaddressed leaking containment is a violation of the discharge permit**. Knight shall remove these fluids within a 72 hour period (see condition 11.A) and clean up the contaminated soil.
8. **Photo 11**: The agency strongly encourages Knight Oil Tooling to ensure that all waste containers or containers in general are properly disposed of.

The OCD Environmental Bureau concludes that the Knight Farmington facility is in overall good condition. The above stated concerns shall be addressed within a report and submitted to the OCD within **30 days, by June 5, 2009**. The report shall include resolutions and answers to the above list. The probability of contaminating ground and surface waters in this area is of great concern with a wetland adjacent and directly north of the facility and with ground water within 3 feet.

Knight Oil Tool's management shall inform its employees of the permit conditions **within 30 days** of signed permit. A copy of the permit shall be kept onsite at all times.

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. ***An 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: All employees shall be made aware of the discharge plan permit conditions.

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

Conditions accepted by: "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: Knight Oil Tool Farmington, GW - 158

Inspector(s): Brandon Powell and Leonard Lowe

Company Rep: Randy Eitiel

Date: 11.20.08 Time: 12:50 – 13:30

Photo 1: Sump for wash bay.

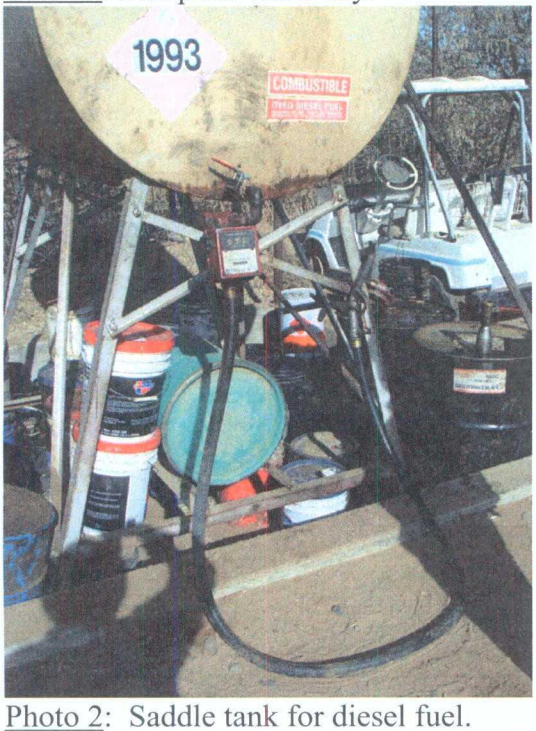


Photo 2: Saddle tank for diesel fuel.

Photo 3: Bung missing on barrel.

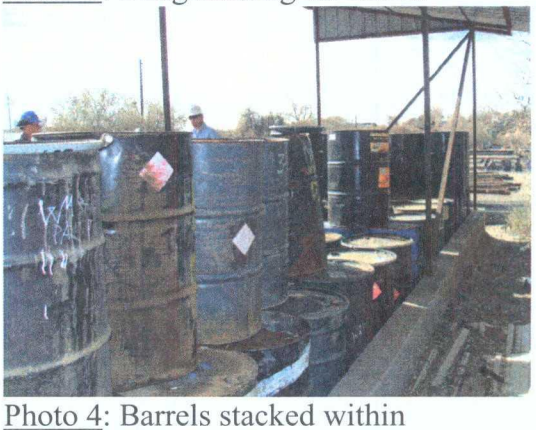


Photo 4: Barrels stacked within containment.

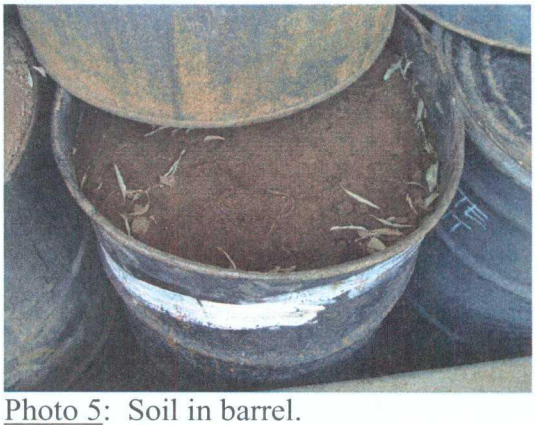


Photo 5: Soil in barrel.

Photo 6: More barrels holding soils.

Photo 7: Empty containers on pallet in yard.

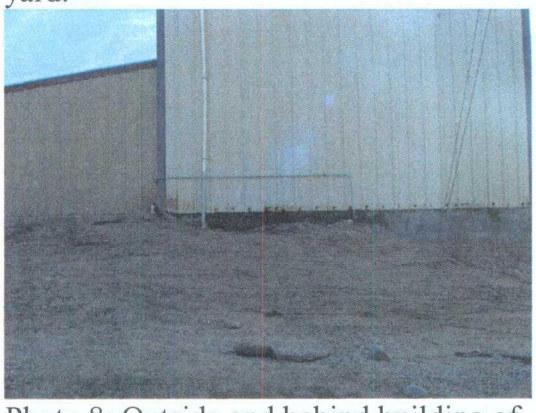


Photo 8: Outside and behind building of wash bay.

Photo 9: Compressor? Located in secondary container holding fluids.

Photo 10: Secondary container with staining underneath.

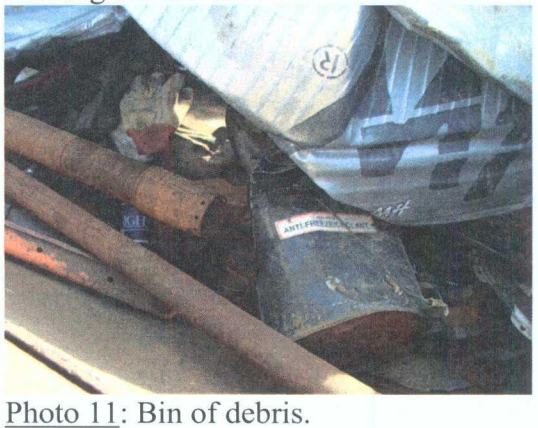


Photo 11: Bin of debris.

Lowe, Leonard, EMNRD

From: Lowe, Leonard, EMNRD
Sent: Monday, March 02, 2009 12:14 PM
To: 'Randy Eitel'; Clayton Courville
Cc: Mickey Broussard; Ricky Calais
Subject: GW-158, Administratively Complete
Attachments: GW-158, Admin Complete Letter.pdf; GW-158 Draft Permit.pdf; GW-158 OCD PN.pdf

Mr. Randy Eitel,

The submitted application for GW-158 was determined to be administratively complete.

Please submit an applicant version of the public notice for OCD approval.

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: leonard.lowe@state.nm.us
Website: http://www.emnrd.state.nm.us/ocd/

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

March 2, 2009

Dear Mr. Eitel:

Re: Discharge Plan Renewal Permit GW-158
Knight Oil Tools, Inc.
5970 US Hwy 64, Farmington
San Juan County, New Mexico

The New Mexico Oil Conservation Division (NMOCD) has received Knight Oil Tools Inc./Robinson Tubular Services request and initial fee, dated December 10,2008 to renew GW-158 for their Gas and Oil Service company located in the NW/4 NW/4 of Section 25, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico. The initial submittal provided the required information in order to deem the application "administratively" complete.

The OCD reviewed and has **denied** the submitted public notice in reference to the New Mexico Water Quality Control Commission regulations (WQCC) notice requirements of 20.6.2.3108 NMAC Please resubmit another notice to satisfy the New Mexico Water Quality Control Commission regulations. 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 leonard.lowe@state.nm.us. 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

March 2, 2009

Mr. Randy Eitel
Knight Oil Tools Inc.
5970 US HWY 64
Farmington, New Mexico 87401

Re: **DRAFT** Discharge Permit Renewal
Knight Oil Tool Oil and Gas Service Company (GW-158)
NW/4 NW/4 Section 25 Township 29 North, Range 12 West, NMPM,
San Juan County, New Mexico

Dear Mr. Eitel:

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 **Knight Oil Tools, Inc.** (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 [ ] 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.

The final permit should be issued in approximately 45 days. 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

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 an Oil and Gas Service Company is $1700.00. Please submit this amount along with the signed permit conditions within 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 May 31, 2014** 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 December 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 OCD-approved 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 OCD-

approved 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 Part 35 Waste: Pursuant to OCD Part 35 (19.15.35.8 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 20.6.2.1203 NMAC and OCD Part 29 (19.15.29 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 inspected this facility on November 20, 2008. Randy Eitel and Brandon Powell were in attendance. All photographs referenced below are located in the attachment of this permit. The inspection concluded the following:

1. **Photo**

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. ***An 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: Knight Oil Tools Inc. management shall provide an informative training session on this discharge plan permit conditions with all employees of this facility within 6 months of this permit date. A copy of this permit shall be onsite and available to all employees for the duration of the permit.

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) I, 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

Conditions accepted by: "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-158) Knight Oil Tooling Inc., has submitted a renewal application for the previously approved discharge plan for their Oil and Gas Service Company at 5970 US HWY 64, Farmington New Mexico, located in the NW/4 NW/4 of Section 25, Township 29 North, Range 12 West, NMPM, San Juan County. The facility is an oilfield tool rental string supplier company to the oil and gas industry. Approximately 150 gal/month of sump waste, 55 gallons of waste oil and 300 gallons of diesel are generated and stored in onsite. These fluids are not to be intentionally discharged to the ground. If accidental discharge occurs immediate recovery/reclamation shall be implemented. Fluids, other then clean water, including dry chemicals, shall be stored within secondary containment and properly bermed. Waste shall be properly maintained and manifested. A copy of the discharge permit once renewed shall be on location at all times and made familiar to all facility personal. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 3 - 53 feet, with a total dissolved solids concentration of approximately 500 - 600 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 http://www.emnrd.state.nm.us/ocd/. 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 español, 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 **2nd** day of March 2009.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

S E A L

Mark Fesmire, Director

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. _____ dated 12/15/08

or cash received on _____ in the amount of $ 100 00

from EDI Environmental Services

for GW-158

Submitted by: Lawrence Romero Date: 12/17/08

Submitted to ASD by: Lawrence Romero Date: 12/17/08

Received in ASD by: _____ Date: _____

Filing Fee ✓ New Facility _____ Renewal _____

Modification _____ Other _____

Organization Code 521.07 Applicable FY 2004

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

EDI
ENVIRONMENTAL SERVICES

148-C Easy Street, Lafayette, Louisiana 70506
Post Office Box 60726, Lafayette, Louisiana 70596-0726
Phone: (337) 264-9810 Fax: (337) 264-9816

December 15, 2008

Mr. Leonard Lowe
State of New Mexico
Energy Minerals and Natural Resources
OCD – Environmental Bureau
1220 South St. Francis Dr.
Sante Fe, NM 87505

Re: Knight Oil Tools / Robinson Tubular
Farmington, NM
Discharge Application

Dear Mr. Lowe:

EDI Environmental Services, Inc. (EDI) on behalf of Knight Oil Tools, Inc. and Robinson Tubular Services, Inc. is pleased to provide the enclosed *Discharge Plan Application* for review.

If you have any questions or require amendments, please contact our office at (337) 264-9810.

Sincerely,
EDI Environmental Services, Inc.

Clayton Courville, RSO
President

enc: Discharge Plan Application

cc: Mr. Ran dy Eitel, Knight – Farmington, NM
Mr. Mickey Broussard, Knight Oil Tools – Sn. Vice President Operations

RECEIVED
2008 DEC 16 PM 12 51

Discharge Plan Attachments

Knight Oil Tools, Inc. / Robinson Tubular Services GW-158
5970 US Hwy. 64
Farmington, New Mexico 87401
(o) 505/632-6666
(f) 505/632-4568

December 2008

Prepared By:

148-C Easy St.
Lafayette, LA 70506
(o) 337/264-9810
(f) 337/264-9816

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 June 10, 2003

Submit Original
Plus 1 Copy
to Santa Fe
1 Copy to Appropriate
District Office

DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES,GAS PLANTS, REFINERIES, COMPRESSOR, GEOTHERMAL FACILITES AND CRUDE OIL PUMP STATIONS

(Refer to the OCD Guidelines for assistance in completing the application)

☒ New ☒ Renewal ☐ Modification

1. Type: Oilfield Rental Tool Co. GW-158
2. Operator: Knight Oil Tools, Inc.

   Address: 5970 US Hwy. 64, Farmington, NM 87401

   Contact Person: Randy Eitel Phone: (505) 632-6666
3. Location: NW /4 NW /4 Section 25 Township ~~825~~ 29 N Range ~~58 E~~ 12 W
   Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
14. CERTIFICATIONI hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Randy Eitel Title: Store Manager

Signature: [signature] Date: 12/10/08

E-mail Address: reitel@knightoiltools.com

Discharge Plan Attachments

Knight Oil Tools, Inc. / Robinson Tubular Services
5970 US Hwy. 64
Farmington, New Mexico 87401
(o) 505/632-6666
(f) 505/632-4568

December 2008

Prepared By:

148-C Easy St.
Lafayette, LA 70506
(o) 337/264-9810
(f) 337/264-9816

Attachments listed as per Discharge Application Rev. December 10, 2003

#4. HMC Leasing, Inc.
12615 Jones Rd. Ste. 204
Houston, TX 77070

dba Knight Oil Tools, Inc.
2727 S.E. Evangeline Thrwy.
Lafayette, LA 70503
(337) 233-0464

#5. Please see Tab 1

#6.

Products	Volume	Quantity	Containment Required	Disposition
Diesel	300 gal.	1	No	For Use
Hydraulic Oil	55 gal.	1	No	For Use
Low VOC Blue Enamel unmixed	55 gal.dm	4	No	For Use
Low VOC Blue Enamel Mixed	55 gal. dm	2	No	For Use
Low VOC Grey Enamel unmixed	55 gal. dm	2	No	For Use
Low VOC Grey Enamel Mixed	55 gal. dm	4	No	For Use
Low VOC Black Coating	55 gal. dm	6	No	For Use
Safety Kleen Solvent – New	30 gal. dm	4	No	For Use
Used Solvent	30 gal. dm	4	No	For Disposal w/in 90 days
Used Oil	55 gal. dm	1	No	For Disposal
Spray Lubricant	20 oz.	12	No	For Use
Spray Paint	20 oz.	12	No	For Use
Plusco Rust Prev. Coating	5 gal.	12	No	For Use
Compressor Lube	5 gal.	5	No	For Use
Joint Compound Lead Free	5 gal.	5	No	For Use
Brake Fluid	Quart	4	No	For Use
Engine Coolant	1 gal.	2	No	For Use

#7 Sources and Quantities of Effluent and Waste Solids Generated at the Facility:

		Generate for Disposal
Steam cleaning of parts, equipment	-	N/A (Closed Loop washing system)
Robinson Tubular (NMD986683795)		
Solvent/degreaser use	-	(3) to (5) 30 gal. dms. / quarter (90 days)
Knight		
Sump waste	-	150 gal.s / month

***Above listed waste generated at this facility is profiled sampled and analyzed as per the pertinent disposer / recycler requirements on an annual basis to assure consistency.**

#8 Description of Current Liquid and Solid Waste Collection/Storage/Disposal Procedures:

Closed Loop Washing System / Sump Wastewater
Wash water is recycled through a series of collection sumps and tanks which separate the heavy hydrocarbons and flow-through process the re-useable wash water. The hydrocarbons remain in the initial sump encountered which is removed by Safety Kleen approximately once every two (2) months. The re-useable water is conveyed through a *Water Maze*™ wastewater treatment system. This system utilizes a series of additional separation and bio treatment to produce a wash water re-useable with the pressure/steam system.

Solvents / Degreasers
Used solvents utilized at this facility are collected and stored in 30 gallon drums and placed on spill pallets over a concrete slap behind the shop area and/or within secondary containment. Safety Kleen provides the pure product, Premium Gold Solvent, and also provides p/up and disposal of the used solvent approximately once every 2 months.

*There are no discharges of wastewater, liquids or solids at this facility. The onsite Stormwater Pollution Prevention Plan (SWPPP) is adhered to on a monthly basis. Inspection forms are kept on-file which provide weekly and monthly yard inspections noting misc. spills or stained areas which require attention.

Above Ground Storage Tank (AST) Area:

(1) 300 gal. Diesel AST w/in a 50 ft. x 10 ft. x 2 ft. concrete containment = 7,480 gallon capacity

The Concrete Containment Area also contains the following in 55 gallon drums:
2- ATF/Dexron
2- Grey paint unmixed
4- Blue paint unmixed
2- Xylene
3- Thinner
6- Black pipe coating
4- Grey paint pre mixed
2- Blue paint pre mixed
4- Solvent
5- Peanut butter grease <valve lube>

#9 Not Applicable

#10 Inspection, Maintenance and Reporting:

Attachment 1 provides an example of the inspection form completed on a monthly basis and kept on file for review. A copy of the SWPPP is also provided in Attachment 1.

#11 Spill/Leak Prevention and Reporting Procedures:

Attachment 2 provides a copy of the on-site Spill Prevention and Contingency Plan (SPC) for this facility. Reporting requirements are outlined in the SPC for applicable instances.

#12 Site Characteristics: Site Elevation = 5475 ft.; Site Gradient = NW; Topographic Gradient = SW

A.1. The San Juan River is identified within a 1.0 mile perimeter of the facility, due South. Please see Attachment 3 – EDR Report and Figure 1. The nearest down-gradient water well within ¼ mile of the facility is identified as A2 in the attached EDR Report, which is a domestic well w/ water levels at 3 ft. and total depth at 30 ft.

2. Depth to water values ranged from 3 ft. bls to 53 ft. bls provided by the New Mexico Office of State Engineers (NMOSE). TDS concentrations were not available through the NMOSE.

3. Soil Type: Fruitland; Sandy Loam, Class B – Moderate infiltration rates, well drained.

Aquifer:

4. The facility is not listed within a federally designated flood zone.

B. Additional Information:

Activities performed at this facility pose little threat to the potential degradation of ground water at the point of generation or to nearby potential receptors. No discharge policy is adhered to through the closed-loop washing system. Contamination of storm water run-off is also limited as misc. spills are managed in timely fashion and documented site inspections are recorded within the Stormwater Pollution Prevention Plan.

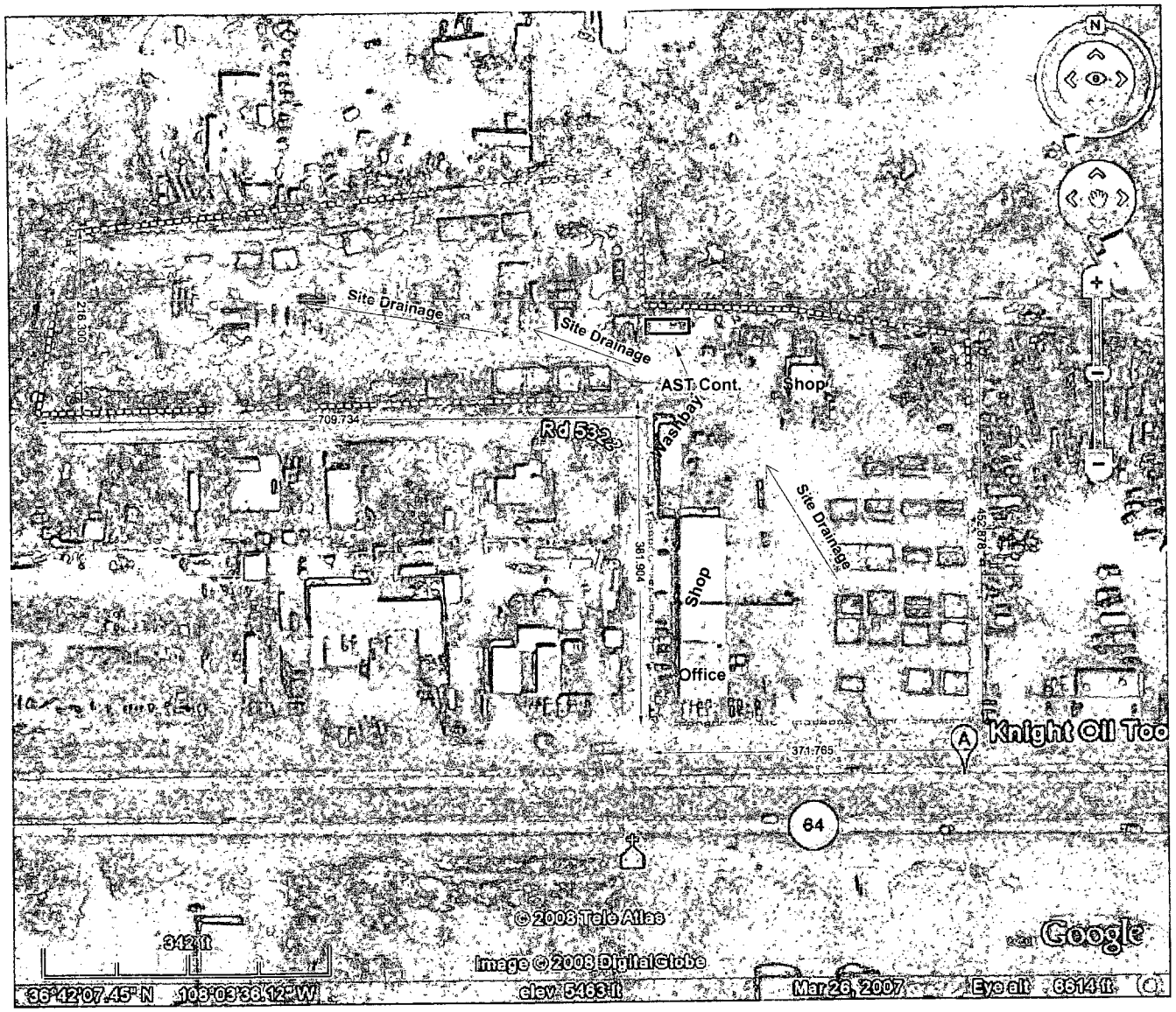
#13 Other Compliance Information:

1. Knight Oil Tools, Inc. & Robinson Tubular Services hereby this statement and signature accepts the spill reporting requirements outlined in NMOCD Rule 116 and WQCC Section 1203.

_____ Date: _____
Randy Eitel, Store Manager

2. Upon property exit / closure, Knight Oil Tools, Inc. agrees to have the appropriate ASTM 1527 Phase I Environmental Site Assessment performed by a qualified environmental professional and adhere to conclusions / recommendations compiled through such assessment.

Figures



*All measurements in Feet

edi ENVIRONMENTAL SERVICES	Knight Oil Tools, Inc. 5970 Hwy. 64 Farmington, NM 87401 Site Description	Drawn By: cjc	Figure: 1
		Checked By:	Project No: 08-562
		Approved By:	File: 08562a

Attachment 1

Site Inspection Form
SWPPP

KNIGHT

Monthly Facility Inspection Log

Inspection Items	Yes	No
Any signs of leaks, spills or stains in the equipment/pipe storage areas?		
Any signs of leaks, spills or stains directly outside of the wash rack or sump areas off "slab"?		
Any signs of leaks, spills, stains or **overflows** in the pipe testing area?		
Any signs of leaks, spills or stains within or directly outside of the ring levees / containment areas of above ground storage tanks?		
Are **empty drums** stored properly? (to not contain rainwater)		
Any signs of leaks, spills or staining anywhere on the yard?		
Are paint guns being cleaned properly? (i.e. not emptied on ground)		
Are the ring levees / containment areas in good condition? (i.e. concrete cracking on walls, etc.)		
Are all outdoor tanks and containers (drums) in good condition, not bulging, leaking or damaged? **Are drums/containers labeled & COVERED?**		
Do drum spill pallets contain fluids? **If so, note for fluid removal w/ sump trip**		
Are drums consolidated **as per** waste stream?(i.e. used solvents, pipe build. solids) **is used solvent or any haz. waste (paint waste) being disposed w/in 90 days?**		
Comments: ***Annual profile reminder for waste streams (Completed for current year) Yes ☐ No ☐**		
Signature:	Date:	

Deficiencies Noted:

Corrective Actions:	
Signature:	**Date:**

Knight Oil Tools / Robinson Tubular
5970 US Hwy. 64
Farmington, New Mexico 87401

STORM WATER POLLUTION PREVENTION PLAN
(SWPPP)

December 2008

Prepared By: Clayton Courville

EDI ENVIRONMENTAL SERVICES
148-C Easy St., Lafayette, LA 70506
P (337) 264-9810
F (337) 264-9816

TABLE OF CONTENTS

APPENDICES

1.0 Introduction

1.1 General Information

Knight Oil Tools, Inc. is an oilfield rental tool string supplier to the oil and gas service industry. This facility serves as an operations base for Northwestern New Mexico. Activities occurring onsite include rental tool / equipment maintenance and repair.

1.2 Facility Location

Knight Oil Tools, Inc.
5970 US Hwy. 64
Farmington, NM 87401

2.0 Pollution Prevention Team

The Pollution Prevention Team is responsible for developing, implementing, maintaining and revising the Storm Water Pollution Prevention Plan (SWPPP) for the facility. Mr. Randy Eitel, or his designee, has responsibility for on site compliance. Mr. Eitel also has corporate responsibility over all aspects of the SWPPP and certification authority for the plan.

3.0 Facility Assessment

3.1 Site Description and Materials

This facility is located on approximately four (4) acres of land. The grounds are covered with asphalt, concrete or limestone. The facility acts as a satellite office and as a storage yard for rental equipment. The buildings on the property include the main office building with attached line tool storage, the main shop building and a wash rack area and maintenance shops. The facility stores used cleaning solution, fuels and paint related materials within a covered concrete containment area. The equipment is unloaded in a staging area that is covered over concrete. Loading of equipment takes place in the center of the yard and in other locations as needed. Rental tool strings are stored across various portions of the property (4 acres).

A site map may be found in Appendix B.

3.2 Receiving Water Bodies

N/A

3.3 Potential Pollutant Sources

All areas that are exposed to storm water and may potentially contaminate it are listed below. For each area identified, the activities that occur in the area and a list of associated pollutants are noted. Please refer to Appendix B for the location of each.

3.3.1 Equipment and Material Storage Areas

Clean equipment is stored outdoors along the perimeter of the property. Diesel, hydraulic oil and paint related materials are all stored in containment areas. The storage areas pose little threat of contaminating storm water runoff.

3.3.2 Equipment Cleaning and Maintenance Areas

All cleaning and maintenance activities take place under the shop area, which is on a concrete slab. All wash water from the cleaning is collected in a closed loop system and is recycled. The cleaning and maintenance activities pose little threat of contaminating storm water runoff.

3.3.3 Equipment Staging Area

Equipment returning to the yard from projects is unloaded in the staging area near the wash rack. Potential sources of water contaminants are oil and grease and trace amounts of metals.

3.3.4 Equipment Loading Area

Loading of equipment occurs in the center of the yards and in other locations as needed. Since all equipment in storage is clean and vehicles are maintained in sound condition, the loading area dose not pose a threat to storm water contamination.

3.3.5 Fueling Area

Currently, there is one 300 gallon diesel tank on the north side of the shop/wash rack area within secondary containment.

3.3.6 Waste Storage Area

Used solvents (Safety Kleen Gold) is stored in the concrete containment area.

3.3.7 Storage Tanks

The storage tanks on site consist of: (1) 300 gallon diesel tank and several 30 and 55 gallon drums. These are held within the secondary containment area.

3.4 Significant Spills and Leaks

A list of significant spills and leaks of toxic substances, hazardous substances, or oil is maintained as necessary. The listing includes a description of the causes of each spill and actions taken to prevent similar spills in the future. Reporting requirements have been reviewed with pertinent personnel to adhere to NMOCD Rule 116 and WQCC Section 1203.

There have been no known significant spills or leaks of toxic or hazardous pollutants or oil from this facility. If such a release were to occur, a record of the spill will be attached to this plan.

Potential sources of spills and leaks that may contaminate storm water are identified below along with accompanying drainage points and control measures implemented to minimize storm water and off site contamination.

3.4.1 Fueling Area
N/A (within secondary containment)

3.4.2 Storage Tanks
N/A *(within secondary containment)*

3.4.3 Vehicle Failure
Since all vehicles are maintained in sound working condition, the risk of spill or leak is slight. If a spill or leak does occur, it is cleaned promptly.

3.4.4 Vacuum Truck Loading
N/A

3.5 Non-Storm Water Discharges
N/A

3.6 Monitoring Data and Requirements

3.6.1 Monitoring Data
A summary of all existing and future storm water sampling data is included in the SWPPP and kept on site for duration of the permit or three years, whichever is longer.

3.6.2 Analytical Monitoring Requirements
N/A

3.6.3 Compliance Monitoring Requirements
Visual monitoring of the storm water outfall is should be done quarterly. The results of the visual monitoring needs to be recorded and kept on site. Procedures for and results of visual monitoring may be found in Appendix D.

3.7 Endangered Species

The facility must provide documentation on whether a listed endangered or threatened species, or critical habitat, are found in its proximity.

3.8 Historic Places
N/A

3.9 Permit Requirements

None required

4.0 Best Management Practices (BMPs)

Best Management Practices (BMPs) are methods to prevent or control storm water contamination.

4.1 BMPs for Potential Pollutant Sources

4.1.1 Equipment and Material Storage Areas
All equipment is cleaned prior to being stored outdoors. Materials are stored inside of a roofed shed or building.

4.1.2 Equipment Cleaning and Maintenance Areas
All cleaning activities take place over the designated Wash Rack area.

4.1.3 Equipment Staging Area
Per company policy, all equipment must be cleaned before it is shipped back to the yard. Equipment that is unloaded at the site and cleaned as soon as possible.

4.1.4 Equipment Loading Area
All equipment being loaded is clean.

4.1.5 Fueling Area
Knight Oil Tools will use the application of specialty designed absorbent products to prevent spills and leaks or drips.

4.1.6 Waste Storage Area
Wastes, if generated, are to be stored within sealed drums on spill pallets. The drums are to be inspected regularly to insure that they are sealed and in sound operating condition.

4.1.7 Storage Tanks

N/A

4.2 Good Housekeeping

Good housekeeping is an integral element to minimizing storm water contamination. The facility implements the following good housekeeping practices:

- Regular pickup and disposal of garbage and waste materials
- Routine inspections for leaks and conditions of containers

4.3 Minimization of Exposure

This facility has eliminated or minimized the exposure of the following:

- All cleaning and maintenance activities occur over the wash rack area
- Materials are stored in enclosed, roofed areas
- Only clean equipment is placed into the storage areas
- All equipment that is loaded is clean
- All wash fluid is recycled through a closed loop system

4.4 Preventative Maintenance

All storm water management devices must be inspected and maintained regularly and repaired as needed. The areas that must be inspected are the tank containment areas. Records of repairs and corrective actions are kept on file.

4.5 Routine Inspections

Quarterly inspections are conducted during operating hours. The following areas are visually inspected to insure the BMPs are working properly:

- Equipment Storage Areas
- Equipment Cleaning and Maintenance Areas
- Equipment Staging Area
- Storage Tanks and Waste Drum Storage Containment Areas

Any deficiencies in the SWPPPs must be corrected within 14 days of the inspection. All inspections and corrective actions are recorded and kept on file.

4.6 Spill Prevention and Response

Spill prevention is provided through careful handling of materials and with containment areas. All fuel and oily water storage tanks and waste storage drums are located within a containment wall. Any spills from these vessels will be contained and cleaned accordingly. Any spills of material outside of the containment area are isolated and cleaned accordingly.

4.7 *Sediment and Erosion Control*

The facility has a combination of concrete and limestone surfaces. Also, the topography of the area is flat. The risk of erosion from the facility is minimal.

4.8 Management of Runoff

The facility utilizes ditches to divert storm water from industrial activities.

5.0 BMP Implementation

5.1 BMP Implementation

All BMPs identified herein must be maintained in effective operating condition. If site inspections identify BMPs that are not operating effectively, maintenance must be performed before the next rain event and as needed to prevent storm water contamination. If maintenance prior to the next rain event is impractical, maintenance must be scheduled and accomplished as soon as possible.

5.2 Employee Training

The employees who work where industrial materials and activities are exposed to storm water and those employees responsible for implementing the activities identified in the SWPPP are trained when initially assigned to the job and once a year thereafter. Topics to be addressed during the training include:

- Spill prevention and response
- Good housekeeping
- Material management practices
- Best management practices

Records of employee training are kept on file.

6.0 Plan Evaluation

6.1 Comprehensive Site Compliance Evaluation

The purpose of the comprehensive site compliance evaluation is to assess the conditions at the facility that could impact storm water quality, assess the effectiveness of the BMPs, and ensure proper implementation of the BMPs.

6.1.1 *Frequency and Inspectors*

A site compliance evaluation will be performed annually by Mr. Randy Eitel or his representative.

6.1.2 Scope of Compliance Evaluation

During the evaluation, the inspector will inspect the following:

- Potential pollutant sources listed in the SWPPP
- Cleanliness of exposed grounds, noting residues, trash, or industrial materials that could contaminate storm water
- Any visible evidence of leaks or spills
- Offsite tracking of industrial materials or sediment
- Tracking or blowing of industrial and waste materials from unexposed areas to exposed areas
- Drainage system, noting evidence of or potential for pollutants to contaminate storm water runoff
- BMPs, noting effectiveness, implementation, and integrity
- Discharge locations, if accessible, to see if BMPs are effective in preventing significant impact to receiving waters

A Compliance Evaluation Log may be found in Appendix E.

6.1.3 Follow-Up Actions

Based upon the results of the compliance evaluation, the SWPPP must be modified as necessary. The revisions must be completed with 14 calendar days following the inspection. If existing BMPs need to be modified or if additional BMPs are needed, implementation must be completed before the next rain event, if practical, but not more than twelve weeks after completion of the evaluation.

Revisions may be noted on the Compliance Evaluation Log found in Appendix E.

6.1.4 Compliance Evaluation Report

A summary report noting the name of personnel conducting the inspection, the date, and major observations relating to the implementation of the SWPPP, and recommended changes must be completed and filed with the SWPPP for at least three years. This report will be signed and certified by the responsible official.

The Compliance Evaluation Log may also serve as the evaluation report; it may be found in Appendix E.

6.2 Recordkeeping and Reporting

The results of all monitoring and copies of all inspections and reports will be kept on site with the SWPPP for the duration of the permit.

6.3 Maintaining Updated SWPPP

The SWPPP must be amended when:

- There is a change in the design, construction, operation, or maintenance at the facility that will have a significant impact on the discharge or potential discharge of pollutants from the facility.
- If local, state, or federal officials determine that the SWPPP is ineffective in controlling pollutant discharges from the facility.

6.4 EPCRA Section 313 Reporting Requirements

This facility is not subject to EPCRA Section 313 reporting requirements Plan Certification. As well as NMOCD Rule 116 and WQCC Section 1203.

6.5 Plan Certification

The SWPPP must be signed and certified. A copy of the plan must be retained at the facility for the duration of the permit and made available to for review by federal, state, or local officials.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Responsible Official (Signature)_____

Printed Name: _____

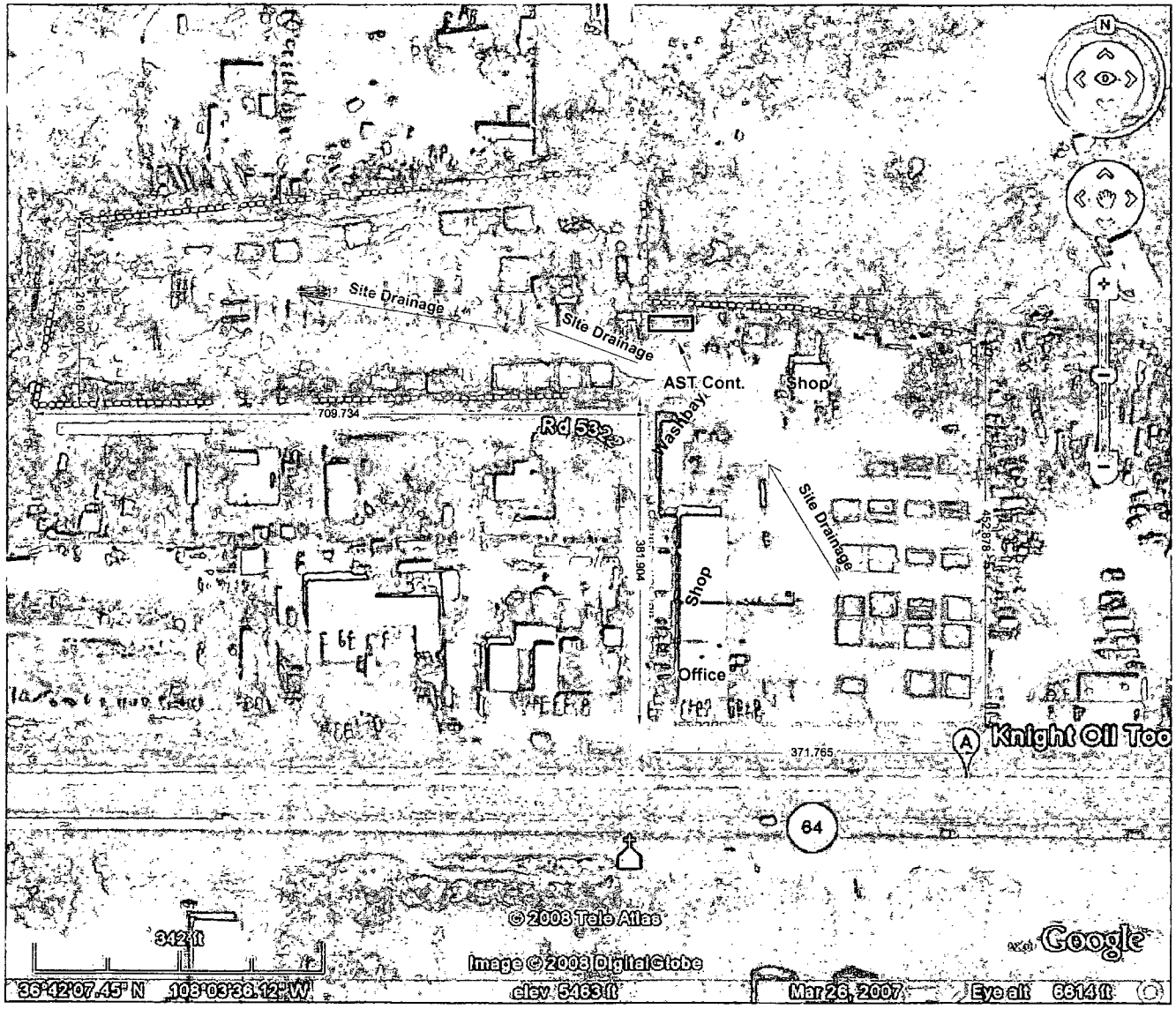
Date: _____

Appendix A

Topographical Map

Appendix B

Site Plan



*All measurements in Feet

edi ENVIRONMENTAL SERVICES

Knight Oil Tools, Inc.
5970 Hwy. 64
Farmington, NM 87401

Site Description

Drawn By: cjc	Figure: 1
Checked By:	Project No: 08-562
Approved By:	File: 08562a

Appendix C

Non-Storm Water Discharge Assessment

Non – Storm Water Discharge Assessment and Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Responsible Official (Signature): _____

Printed Name: _____

Date: _____

Appendix D

Compliance Monitoring

Compliance Monitoring

1.0 Quarterly Visual Monitoring

1.1 Procedure

A visual examination of storm water discharges should be performed and documented quarterly. The monitoring quarters are Jan 1st – March 31st, April 1st – June 30th, July 1st – Sept. 30th, and Oct. 1st – Dec. 31st. The examination must be done in a well-lit area during normal working hours. The samples for visual examinations must be collected within the first 30 minutes, if possible but not to exceed one hour, after the storm water discharge begins. If possible, the discharge should be from a rain event greater than 0.1 inches, occurring 72 hours from the previous rain.

The Inspection Form found in Section 1.2 must be completed to record rainfall data and observations.

If there is no appreciable rainfall event during a monitoring quarter, insert the date, your initials, and N/A (not applicable) for all the other blanks on the Inspection Form and complete and certify the No Qualifying Storm Event report found in Section 1.3.

If there are signs of storm water contamination (yes answer for any blank), write an explanation in the comment area.

1.2 Inspection Form

See following Table.

Date	Duration of Rain (hr)	Days Since Last Rain	Total Discharge (gal)	Color (Y/N)?	Odor (Y/N)?	Cloudy (Y/N)?	Floating Solids (Y/N)?	Settled Solids (Y/N)?	Suspended Solids (Y/N)?	Foam (Y/N)?	Oil Sheen (Y/N)?	Inspector Initials	Comments

1.3 No Qualifying Rain Event

There were no appreciable rainfall events during the following quarters:

Monitoring Quarter	Inspector Signature	Date

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Responsible Official: _____

Date(s): _____

_____

Printed Name: _____

Appendix E

Compliance Evaluation Inspection Log

Compliance Evaluation Log

In accordance with Section 6.0 of the SWPPPP, a comprehensive site compliance evaluation must be performed annually. The purpose of the audit is to assess impacts on storm water quality and BMP effectiveness and implementation. The following log may be used during the inspection and serve as a compliance evaluation report and revision report.

Compliance Evaluation Log

Inspection Items	Yes	No
Any signs of leaks or spills in the equipment storage areas?		
Any signs of leaks or spills directly outside of the "slab"?		
Any signs of leaks or spills in the equipment staging area?		
Any signs of leaks or spills within or directly outside of the ring levees?		
Any signs of leaks or spills anywhere on the yard?		
Is the yard clean from debris and garbage?		
Are the ring levees in good condition?		
Are all outdoor tanks and containers in good condition, not bulging or leaking?		
Are materials stored inside roofed enclosures?		
Are the grounds and ditches free of contamination?		
Are all cleaning and maintenance activities taking place indoors?		
Is storm water being adequately protected with current practices?		
Comments:		
Signature:	Date:	

Deficiencies Noted:

Compliance Evaluation Log (cont.)

Corrective Actions:	Date Completed
Signature:	Date:

	Yes	No
I certify that this facility is in compliance with the SWPPP and permit.		
I cannot certify that this facility is in compliance with the SWPPP and permit. Improvements/changes made to the facility are documented above.		

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature:	Date:

2.0 Routine Facility Inspection

As per Section 4.5 of the SWPPP, the facility must be inspected quarterly, during operating hours, to determine if the BMPs are working properly. Any deficiencies in the SWPPPs must be noted and corrected within 14 days. The following is an Inspection Log that may be used during quarterly facility inspections. Any deficiencies and corrective actions can be noted at the bottom of the log.

Quarterly Facility Inspection Log

Inspection Items	Yes	No
Any signs of leaks or spills in the equipment storage areas?		
Any signs of leaks or spills directly outside of the "slab"?		
Any signs of leaks or spills in the equipment staging area?		
Any signs of leaks or spills within or directly outside of the ring levees?		
Any signs of leaks or spills anywhere on the yard?		
Is the yard clean from debris and garbage?		
Are the ring levees in good condition?		
Are all outdoor tanks and containers in good condition, not bulging or leaking?		
Comments:		
Signature:	Date:	

Deficiencies Noted:

Corrective Actions:	
Signature:	Date:

Attachment 2

SPCC Plan

SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN

KNIGHT OIL TOOLS
5970 Hwy. 64
Farmington, NM 87401

Original Date of Plan: December 12, 2008
Date of Last Amendment:
Date of Last Plan Review:

MANAGEMENT APPROVAL

This SPCC Plan has been reviewed and approved below and will be implemented herein described. The manager signing below has the level of authority to commit the necessary resources to fully implement the facility plan and to contain and clean-up any oil discharge from the site. By signing below, the manager also authorized all supervisors to expediently commit all manpower, equipment, and materials necessary to contain and remove any harmful quantity of oil discharged from this facility. This commitment includes authority to use both company and contract personnel and equipment.

Authorized Facility Representative:_____

Signature:_____

Title:_____

MANAGEMENT REVIEW

The facility's management shall complete a review and evaluation of this SPCC Plan at least once every three years. The facility's management will amend this SPCC Plan within 90 days of the review to include more effective prevention and control technology if: (1) such technology will significantly reduce the likelihood of a discharge event from the facility and (2) if such technology has been field-proven at the time of review. Such amendment will be implemented at the facility as soon as possible, but no later than six months following the amendment to this SPCC Plan. Any amendment to the SPCC Plan shall be certified by a Professional Engineer within six months after a change in the facility design, construction, operation, or maintenance occurs which materially affects the facility's potential for the discharge of oil into or upon state waters.

By my signature below, I document that I have completed a review and evaluation of this SPCC Plan and have noted below if this SPCC Plan will or will not be amended as a result.

DATE	SIGNATURE	MGR Certified?	AMENDMENTS

SPILL PREVENTION CONTROL AND COUNTERMEASURES COMPLIANCE REVIEW

The EPA defines oil as oil of any kind or in any form including: fats, oils, or greases of animals, fish, or marine mammal origin; vegetable oils including oils from seeds, nuts, fruits, or kernels; and, other oils and greases including petroleum, fuel oil, sludge, synthetic oils, mineral oils, oil refuse, or oil mixed with wastes other than dredged soil.

Title 40 Part 112 of the Code of Federal regulations (40 CFR Part 112) requires the development and implementation of a Spill Prevention Control and Countermeasures (SPCC) Plan for any non-transportation related facility that could reasonably be expected to discharge oil into or upon a navigable waterway and that has total aboveground oil storage capacity of more than 1320 gallons. The requirement applies specifically to storage capacity regardless of whether or not the tanks are completely filled.

Knight Oil Tools has a potential for total aboveground storage capacity of oils in excess of 1,320 gallons. As such, this facility is required to prepare and implement a SPCC plan.

As a requirement of the Oil Pollution Act of 1990, any SPCC-regulated facility that could cause "substantial harm" to the environment as a result of an oil spill is required to prepare and implement a Facility Response Plan. Appendix A of this SPCC Plan contains the completed "Certification of Substantial Harm Criteria Checklist" used to certify that the facility does not pose a substantial harm to the environment and, therefore, is not required to prepare and implement a Facility Response Plan.

This plan follows an alternative format. The regulatory cross reference may be found in Appendix G. A complete copy of the SPCC Plan is kept on-site and is available for the regulatory agencies to review during normal working hours.

TABLE OF CONTENTS

PART I: SPILL PLAN

1. FACILITY OWNER AND OPERATOR

Knight Oil Tools	5970 Hwy. 64 Farmington, NM 505-632-6666
Type of Facility	Oilfield Service Company
Name and address of Owner/Operator/	Knight Oil Tools 2727 SE Evangeline Thrwy Lafayette, LA 70503
Name and address of SPCC Coordinator	Randy Eitel 5970 Hwy. 64 Farmington, NM 505-632-6666

2. FACILITY CONTACT

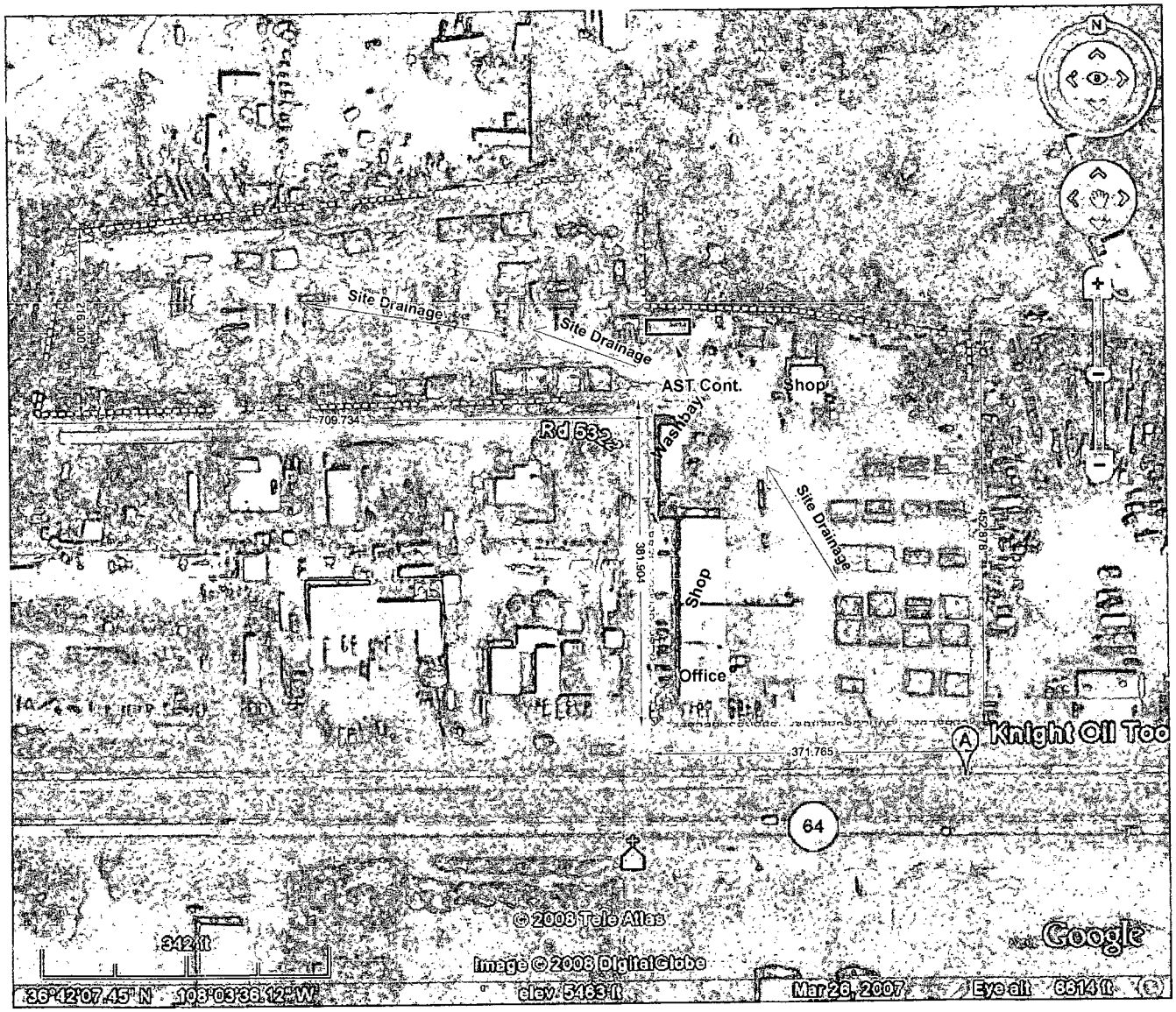
Name	Title	Telephone
Randy Eitel	Store Manager	505-632-6666
Shane Martin	???	505-632-6666

3. FACILITY DESCRIPTION

a. Facility Operations

Knight Oil Tools provides services to the oil and gas exploration and production industry. This facility is located on approximately ? acres of land. Most of the grounds are covered with concrete. The facility has one diesel tank and many drums of various materials. All tanks have containment walls built around them. Activities occurring at the Farmington facility include storage and cleaning of rental equipment.

A site diagram is found in Figure 1.



NORTH

*All measurements in Feet

ENVIRONMENTAL SERVICES

Knight Oil Tools, Inc.
5970 Hwy. 64
Farmington, NM 87401

Site Description

Drawn By: cjc	Figure: 1
Checked By:	Project No: 08-562
Approved By:	File: 08562a

b. Facility Storage

Table 1 summarizes the location, size, and type of storage areas.

TABLE 1

Tank	Volume	Construction Material	Contents
#1	300 Gallon	Steel	Diesel
Drums	55 Gallons/Each	Steel	Oils, paints, solvents, grease
TOTAL:	**>350 GAL**		

4. POTENTIAL SPILL PREDICTIONS

Table 2 summarizes the predicted direction, rate of flow and total quantity of oil that would be discharged at storage areas where there is reasonable potential for equipment failure.

TABLE 2

Tank and Contents	Type of Failure	Quantity (Gal)	Rate (Gal/Hr)	Direction of Flow	Containment System
#1/Diesel	Leak/Rupture	300	300	NW	Steel Dike

All secondary containment systems will be capable of containing discharged materials and constructed so that any discharge from a primary containment will not escape the secondary containment before clean-up occurs. Manual valve assemblies will be present. Storm water that accumulates within these areas will be first observed and then discharged per a water permit requirements. If a spill escapes the secondary containment, all overland flow is east/southeast. If a spill leaves the site, it is not expected to reach waters of the State.

5. PREVENTION MEASURES PROVIDED

a. Summary of Spill Prevention and Control Measures

There is a potential for oil to reach the waters of the State. Table 2 summarizes the spill prevention and control measures that are in place to minimize the potential for discharges of oil. When current measures are inadequate or not in place, corrective measures are planned.

Tank Containment Calculations

Company:	**Knight Oil Tools**	
Location:	Farmington	
25 Yr, 24 Rainfall:	2.1	in
(NOAA Charts)	0.18	ft
Tank ID:	**Diesel**	
Size:	300	gal
	40.1	cuft
Containment Wall		
Length	50	ft
Width	10	ft
Height	1.6	ft
Material	steel	
Displacement	80%	sqft
Available Area:	100.0	sqft
Required Height:	0.6	ft
Available Height:	1.58	ft
Adequate containment?	TRUE	

b. Facility Drainage

i. Diked areas
Drainage from the secondary containment area will be restrained by a gate valve to prevent any leaks from the tanks from leaving with the storm water. Prior to opening the valve, the condition of the accumulation inside the containment is inspected to verify that no oil is discharged.

ii. Valves
Only valves that are manual, open-and-closed design or threaded plugs are used for the drainage of secondary containment.

iii. Undiked areas
There will be no storage tanks outside of the containment areas.

iv. Undiked areas – ditches
There are internal drainage ditches within the facility which capture runoff prior to discharging into parish drainage.

v. Treatment of facility drainage
All facility drainage flows through internal ditches prior to being discharged to the ditch.

c. Bulk Storage Containers

i. Compatible Material of Construction
All containers used for storage at this facility are of a material and construction compatible with the materials stored and the conditions under which they are stored.

ii. Secondary Containment
The storage tanks at this site are stored within secondary containment capable of containing the entire contents of the largest tank within plus sufficient freeboard to allow for precipitation (see Appendix B). The secondary containment structures are constructed of concrete or steel which is sufficiently impervious to oil.

iii. Drainage from Secondary Containment
Drainage of uncontaminated storm water from the secondary containment is not allowed unless:

- The drain valve is normally locked and closed;
- The retained storm water is inspected to ensure that oil is not present;
- The drain valve is opened, closed, and relocked under responsible supervision;
- Adequate records are kept of the drainage event

iv. **Corrosion Protection for Underground Storage Tanks**
This section is not applicable to this facility since there are no underground storage tanks.

v. **Bunkered Tanks**
This section is not applicable to this facility since there are no bunkered tanks.

vi. **Integrity Testing**
All of the tanks at this facility are shop welded and situated on stands so that all sides are visible. As such, visual monitoring has been deemed environmentally equivalent to integrity testing (per EPA guidance).

Monthly visual inspections include: checking the exterior of the tank, supports and foundations, gauges, valves, fittings, and piping for leaks, damage or deterioration; and for any accumulation of material inside of the diked area. Should a visual inspection reveal that the container or any appurtenance listed above is not mechanically sound, the facility will have the equipment tested and/or repaired prior to continued use. The records of inspections, testing, and repairs are kept onsite.

A visual inspection checklist may be found in Appendix C. It was compiled using the Steel Tank Institute guidance document SP001-00.

vii. **Internal Heating Coils**
This section is not applicable to this facility since there are no internal heating coils.

viii. **Overfill Protection**
All storage containers at this facility are designed in accordance with good engineering practices. The fill line from each tank is equipped with a gate valve and check valve. All tank connections shall be within the containment walls.

Each tank will be manually gauged to determine the volume prior to filling. During the filling operation, a responsible facility representative unlocks the fill ports and continually observes each delivery to the tanks.

Dispensing from each tank is accomplished by an electric pump. A gate valve will be located on the feed line before the pump.

ix. **Observation of Water Treatment Units**
This section is not applicable to this facility since there are no water treatment units.

x. **Spill Correction**
Visible discharges that result in a loss of material from a container, including seams, gaskets, piping, pumps, rivets, and bolts shall be promptly corrected. Any material that accumulates within a diked area shall be promptly removed.

xi. **Portable Containers**
All portable containers are stored in either the oil shed or the proposed containment area. All portable containers meet DOT requirements. Spill pads and absorbents are available onsite to mitigate the effects of a spill from a tote tank or drum.

d. Facility Transfer Operations

i. **Buried Piping**
At this time, these requirements are not applicable because there is no buried piping at this facility. In the event that any buried piping will be installed, such piping will be wrapped with a protective coating.

ii. **Terminal Connections**
The terminal connection at the transfer point of piping that is not in service or that is in stand-by service for an extended time is capped or blind flanged and marked as to its origin.

iii. **Pipe Supports**
There are no pipe supports used with the containers.

iv. **Pipe, Valve, and Appurtenances Inspection**
Aboveground piping and valves are inspected on a monthly basis. Records of these inspections are documented and signed by the inspector. See Appendix C for monthly visual checklist.

v. **Vehicle Warning**
Aboveground piping is protected from vehicular traffic by concrete curbing and other protection systems.

e. Tank Truck Loading/Unloading

i. **DOT Compliance**
This facility does not have a loading rack.

ii. **Containment**
This facility does not have a loading rack.

iii. **Disconnection of Transfer Lines**
This facility does not have a loading rack.

iv. **Lowermost Drain and Outlets**
This facility does not have a loading rack.

f. Inspections, Tests, and Records

Formal facility inspections are conducted monthly and records of these inspections are documented and signed by the inspector. During the monthly inspections, all unloading areas, containment structures, piping, and other equipment are inspected. These records are retained for at least three years.

g. Security

i. Fencing

This facility is completely fenced with one entrance gate.

ii. Master Flow and Drain Valves

The master flow and drain valves and other valves that permit direct outward flow from the tanks have adequate security measures so they remain in the closed position when in non-operating or non-standby mode.

iii. Pump Starter Controls

The starter control for each tank pump is at the pump and is locked when not in use.

iv. Pipe Fill Connections

All fill piping connections are securely capped when they are not in use and blind-flanged when they are in stand-by service for an extended time.

v. Lighting

The facility lighting is commensurate with the type and location of the facility to assist in the discovery of any discharge after hours of darkness and to prevent vandalism.

h. Personnel Training

i. Training

All personnel responsible for implementing the provisions of this SPCC Plan are required to have spill prevention training that includes a complete review of this plan. Training records are located in Appendix D.

ii. Discharge Prevention Coordinator

Mr. Randy Eitel is the designated person accountable for spill prevention at this facility.

iii. Spill Prevention Briefings

Discharge prevention briefings are scheduled and conducted for all materials handling personnel annually to ensure adequate understanding of this SPCC plan. These briefings, at a minimum, highlight and describe known discharges or failures, malfunctioning components, and any recently developed precautionary measures. Training records are located in Appendix D.

i. Brittle Fracture Evaluation

This section is not applicable to this the steel tanks are shop built.

PART II: SPILL RESPONSE

1. EMERGENCY CONTACTS

Name	Title	Phone
Randy Eitel	Store Manager/SPCC Coordinator	505-632-6666
Shane Martin	?????/ Alternate SPCC Coordinator	505-632-6666
National Response Center	U.S. EPA	800-424-8802
Envirotech	Spill Response Contractor	800-362-1879

2. EMERGENCY RESPONSE AND DISCHARGE COUNTERMEASURES

In the event of a discharge at this facility, the following actions will be taken, as appropriate, by facility personnel upon discovery of the discharge:

1. If safely possible, attempt to stop additional discharge from the container, piping, hose or other source. Act quickly to secure pumps, close valves, etc.
2. Contact the Spill Coordinator or, if unavailable, Alternate Spill Coordinator and apprise them of the situation.
3. Shut off any ignition sources (i.e., motors, electrical circuits, open flames, etc.) that could cause a fire in the vicinity of any discharged oil.
4. Securely contain the discharged material. Make sure secondary containment structures are secure and have temporary containment equipment ready in case the discharged material escapes the secondary containment; priority should be given to containing the discharge on the facility's property and protecting storm drains and other access points to surface water.
5. When necessary, the Spill Coordinator will retain a contractor to clean up and dispose of the discharged material.
6. When necessary, the Spill Coordinator will report the discharge to the appropriate authorities.

Spill kits are located in the warehouse. These kits contain absorbent pads and absorbents in sufficient quantity to clean up small discharges and contain larger discharges pending cleanup by a contractor. A copy of the facility spill response plan is also kept inside the warehouse.

3. DISPOSAL METHODS

Disposal of recovered materials will adhere to application federal and state requirements.

4. SPILL NOTIFICATION

In the event that a discharge from this facility reaches navigable water, the following information must be collected and reported to the individuals and organizations named in the Emergency Contact List in this part of the SPCC Plan:

- Name of person making the notification and telephone number where return calls from response agencies can be placed;
- Name and location of facility or site where the unauthorized discharge is imminent or has occurred using common landmarks. In the event of an incident involving transport, include the name and address of transporter and generator;
- Date and time the incident began and ended, or estimated time of continuation if discharge is continuing;
- Extent of injuries and identification of known personnel hazards which response agencies may face;
- Common or scientific chemical name, US DOT hazard classification, and best estimates of amounts of any or all discharged pollutants;
- Brief description of the incident sufficient to allow response agencies to formulate level and extent of response activity; and
- Names of individuals and/or organizations that have been contacted.

a. Federal Reporting Requirements

Notification, by phone, containing the above specific information, must be made to the NRC within 24 hours of whenever the facility has discharged 25 gallons or more of oil in a single discharge onto land or into waters of the state.

The SPCC Coordinator must submit specific information to the EPA Regional Administrator within sixty (60) days of either of the following occurrences:

- Whenever the facility has discharged more than 1,000-gallons of oil in a single spill
- Whenever the facility has two reportable spills of 42 gallons of oil within any twelve-month period

CERTIFICATION OF APPLICABILITY OF SUBSTANTIAL HARM CRITERIA

Facility Name: Knight Oil Tools
Facility Location: 5970 Hwy. 64, Farmington, NM 87401

1. Does the facility transfer oil over water to or from vessels and does the facility have a total oil storage capacity greater than or equal to 42,000 gallons?
   Yes___ No__X

2. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and does the facility lack secondary containment that is sufficiently large to contain the capacity of the largest aboveground oil storage tank plus sufficient freeboard to allow for precipitation within any aboveground oil storage tank area?
   Yes___ No__X

3. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance such that a discharge from the facility could cause injury to fish and wildlife and sensitive environments?
   Yes___ No__X

4. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance such that a discharge from the facility would shut down a public drinking water intake?
   Yes___ No__X

5. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and has the facility experienced a reportable oil spill in an amount greater than or equal to 10,000 gallons within the last 5 years?
   Yes___ No__X

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Name (please type or print) Signature

Title Date

REGULATORY CROSS REFERENCE

40 CFR § 112.1 – 112.4: Compliance Review
40 CFR § 112.3 (d)(1): Certification, Cover Page
40 CFR § 112.5 (b) and 112.7: Management Review and Approval
40 CFR § 112.5 (a) and (c): Management Review and Approval
40 CFR § 112.7 (a)(1): Compliance Review
40 CFR § 112.7 (a)(2): Compliance Review and Appendix E
40 CFR § 112.7 (a)(3): Part I, Section 3a, and Figure 1
40 CFR § 112.7 (a)(3)(i): Part I, Section 3b
40 CFR § 112.7 (a)(3)(ii): Part I, Section 5d and e
40 CFR § 112.7 (a)(3)(iii): Part I, Section 5c-ii and 5c-iii
40 CFR § 112.7 (a)(3)(iv): Part II, Section 2
40 CFR § 112.7 (a)(3)(v): Part II, Section 3
40 CFR § 112.7 (a)(3)(vi): Part II, Section 1
40 CFR § 112.7 (a)(4): Part II, Section 4
40 CFR § 112.7 (b) and (c): Part I, Section 4
40 CFR § 112.7 (e): Part I, Section 5f
40 CFR § 112.7 (f): Part I, Section 5h
40 CFR § 112.7 (g): Part I, Section 5g
40 CFR § 112.7 (h): Part I, Section 5e
40 CFR § 112.7 (i): Part I, Section 5i
40 CFR § 112.7 (j): Compliance Review
40 CFR § 112.8 (b): Part I, Section 5b
40 CFR § 112.8 (c): Part I, Section 5c, and Appendix F
40 CFR § 112.8 (d): Part I, Section 5d

VISUAL INSPECTION LOG

The tanks at the facility should be visually inspected at least once per month. Each time the tanks are inspected, the following log should be completed, signed, and kept with this plan. This inspection log is based upon the guidelines presented in STI guidance document SP001-00.

The following situations require immediate attention: fire or exposure to fire and major storms such as hurricanes. In situations where these events occurred, the tanks should be inspected to ensure serviceability and make corrections, as needed, prior to returning to service.

Any deficiencies noted during a tank inspection must be recorded, along with any corrective actions, on the Tank Inspection Corrective Action Log.

NOTE: During hurricanes or severe weather, the tanks should be at least half full.

Any deficiencies noted during a tank inspection must be recorded, along with any corrective actions, in the comments.

INSPECTION GUIDE

Check containers for:

- ☐ leaks, drip marks and discoloration;
- ☐ puddles containing spilled or leaked material;
- ☐ corrosion;
- ☐ cracks; and
- ☐ localized dead vegetation.

Check tank foundation for:

- ☐ cracks;
- ☐ discoloration;
- ☐ puddles containing spilled or leaked material;
- ☐ settling;
- ☐ gaps between tank and foundation; and
- ☐ damage caused by vegetation roots.

Check piping for:

- ☐ droplets of stored material;
- ☐ discoloration;
- ☐ corrosion;
- ☐ bowing of pipe between supports;
- ☐ evidence of stored material seepage from valves or seals;
- ☐ localized dead vegetation.

Check tank/containment walls for:

- ☐ cracks;
- ☐ discoloration;
- ☐ presence of spilled material;
- ☐ corrosion (if applicable);
- ☐ erosion (if applicable);
- ☐ valve conditions (if applicable).

Record drainage event

- ☐ Appearance of storm water discharged.
- ☐ Volume of water and volume or oil, if any, removed discharged.

Other noteworthy or unexpected observations

Tank Inspection Log Form

Tank No(s). or Containment Area _____ **Date of Inspection** _____

Inspection Item	Adequate? Yes	No
Is/are tank(s) in good condition – no signs of corrosion, bulging, or leaking?		
Is/are the containment area(s) free of spills and/or leaks?		
Is/are the containment walls in good condition – no signs of leaks, holes, or cracks?		
Is/are containment area(s) free of liquids?		
Are discharges from the containment area(s) recorded?		
Any signs of leaks/spills/seepage from piping, valves, or fittings?		
Are all pipes and fittings in good condition – no signs of corrosion, damage, or leaking?		
Is/are tank fill/drain valve(s) locked except when in use?		
Are tank supports in good condition – no signs of corrosion or deterioration?		
Is water standing around the tank or supports?		
Are spill pads, absorbents, and/or buckets in stock and nearby?		
Are piping supports in good condition – no signs of corrosion or deterioration?		
Comments and/or Corrective Actions		

Signature of Inspector _____

Printed Name _____

DISCHARGE PREVENTION TRAINING RECORD

The undersigned acknowledge that they have attended and understand the material presented during Discharge Prevention initial training and subsequent briefings.

Name (Print)	Signature	Initial or Briefing	Material Covered	Date

PENDING ACTION ITEMS

Knight Oil Tools has several areas which must be addressed by the final date of the federal spill rule. While the following list is comprehensive based upon the site audit, it is not necessarily exhaustive. Knight Oil Tools is responsible for ensuring compliance with the state and spill regulations. The pending action items for this site are listed below:

- Verify that drain valve in the containment wall is sealed and locked at all times except when draining water from the area
- Spill pads and absorbents shall be stocked maintained on-site.

UNCONTAMINATED STORM WATER DRAINAGE RECORDS

Storm water that has accumulated within the containment wall may be released if the all of the following criteria are met:

- There are no visible signs of contamination in the accumulated water
- The facility has a water discharge permit
- The drain valve is locked after each drain event

Date	Approximate Volume (gal)	Drain Valve Relocked?	Signature

Attachment 3

Public Notice

PUBLIC NOTICE

Knight Oil Tools, Inc. & Robinson Tubular Services, 5970 US Hwy 64, Farmington, New Mexico 87401, has submitted an application to the New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division for a new discharge plan permit (GW-) for their rental tool and service yard located in the NW/4 NW/4 of Section 25, Township 82 South, Range 58 East in San Juan County, New Mexico. The physical address of the facility is 5970 US Hwy. 64, Farmington, New Mexico, 87401.

The facility provides oil and gas well down hole tool rentals and services. Materials generated or used at the facility include diesel fuel, hydraulic oil, misc. low voc paint products, used oil, lead free joint compound, new and used cleaning solvent (Safety Kleen Gold) and sump wastewater. All liquids utilized at the facility are stored in dedicated above ground storage tanks prior to offsite disposal or recycling at an OCD approved site. Sump wastewater is stored within an in-ground 4 by 4 by 3 ft. steel / concrete reinforced sump. All storage tanks are within properly engineered and OCD approved secondary containments. Approximately 150 gallons per month of sump wastewater, 90 gallons per month used cleaning solvent and 5 gallons per month used oil is generated at the facility for disposal. The aquifer most likely to be affected is 3 feet in depth, and the total dissolved solids concentration of this aquifer is approximately 420 mg/l.

Any interested person or persons may obtain information; submit comments or request to be placed on a facility-specific mailing list for future notices by contacting Leonard Lowe at the New Mexico OCD at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3492. The OCD will accept comments and statements of interest regarding the renewal and will create a facility-specific mailing list for persons who wish to receive future notices.

Attachment 4

Environmental Database Report (EDR)

Knight Oil Tools, Inc.
5970 US Hwy. 64
Farmington, NM 87401

Inquiry Number: 2380591.1s
December 11, 2008

The EDR Radius Map™ Report with GeoCheck®

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

5970 US HWY. 64
FARMINGTON, NM 87401

COORDINATES

Latitude (North):	36.701690 - 36° 42' 6.1"
Longitude (West):	108.059240 - 108° 3' 33.3"
Universal Tranverse Mercator:	Zone 12
UTM X (Meters):	762715.5
UTM Y (Meters):	4065609.8
Elevation:	5475 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	36108-F1 HORN CANYON, NM
Most Recent Revision:	1979

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 6 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
ROBINSON TUBULARS, INC. 5970 US HWY 64 FARMINGTON, NM 87401	RCRA-SQG FINDS	NMD986683795

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
Delisted NPL ..... National Priority List Deletions

EXECUTIVE SUMMARY

NPL LIENS	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
LIENS 2	CERCLA Lien Information
CORRACTS	Corrective Action Report
RCRA-TSDF	RCRA - Transporters, Storage and Disposal
RCRA-LQG	RCRA - Large Quantity Generators
RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generator
RCRA-NonGen	RCRA - Non Generators
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
DOT OPS	Incident and Accident Data
US CDL	Clandestine Drug Labs
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing

STATE AND LOCAL RECORDS

SCS	State Cleanup Sites Listing
SHWS	This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.
SWF/LF	Solid Waste Facilities
SWRCY	Recycling Facility Listing
LUST	Leaking Underground Storage Tank Prioritization Database
UST	Listing of Underground Storage Tanks
LAST	Leaking Aboveground Storage Tank Sites
AST	Aboveground Storage Tanks List
SPILLS	Spill Data
INST CONTROL	Sites with Institutional Controls
VCP	Voluntary Remediation Program Sites
DRYCLEANERS	Drycleaner Facility Listing
CDL	Clandestine Drug Laboratory Listing
NPDES	List of Discharge Permits

EXECUTIVE SUMMARY

ASBESTOS..... List of Asbestos Demolition and Renovations Jobs

TRIBAL RECORDS

INDIAN RESERV..... Indian Reservations
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
INDIAN UST..... Underground Storage Tanks on Indian Land
INDIAN VCP..... Voluntary Cleanup Priority Listing

EDR PROPRIETARY RECORDS

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

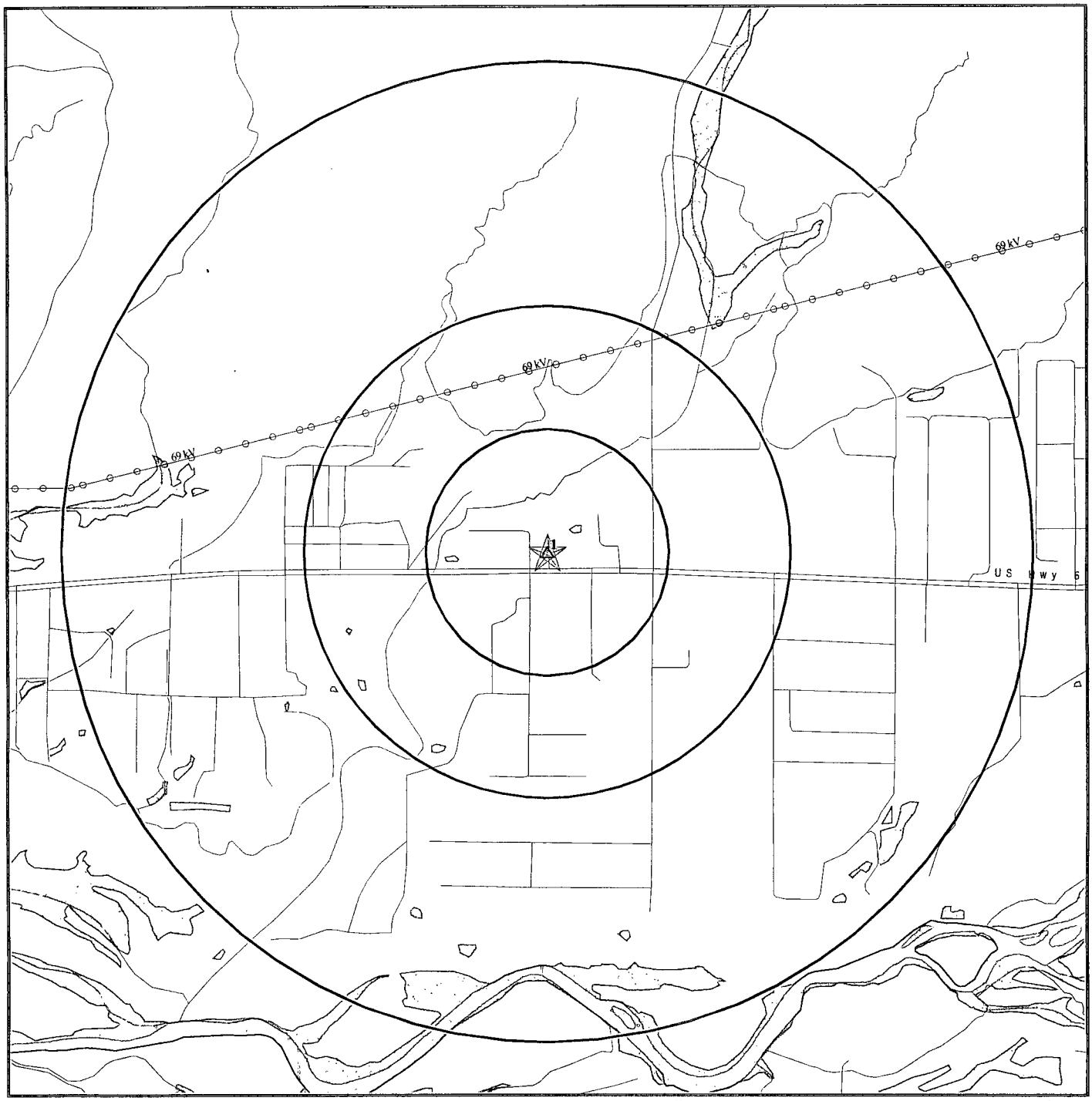
Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
D&D OIL	SCS
STEERE TANK LINES	SCS
TEFTELLER, FARMINGTON	SCS
BLM-FLORA VISTA LANDFILL	CERCLIS, FINDS
WESTERN CO OF NORTH AMERICA	CERC-NFRAP
HUNTINGTON OIL CO	CERC-NFRAP
10342 THRIFTWAY 292, FARMINGTON	LUST
THRIFTWAY 291	LUST, UST
RHOC EXPRESS (ARROYO SECO)	UST
LA VIDA MISSIONS INC	UST
HIXON DEVELOPMENT	UST
DATS TRUCKING	UST
APOLLO	UST
THRIFTWAY 266 A	UST
PHILLIPS TRUCKING	UST
HUGHES MISSILE SYSTEMS COMPANY	UST
CONSOLIDATED CONSTRUCTORS INC - NO2	AST
GASCO	AST
SCHLUMBERGER WELL SVCS	RCRA-SQG, FINDS
ELECTRICAL ENERGY SERVICES INC	RCRA-SQG, FINDS
TRANSWESTERN PIPELINE BISTI CS	RCRA-SQG, FINDS
RAYTHEON MISSILE SYSTEMS NAPI FACILITY	RCRA-SQG
MOBIL PROD TXNM FARMINGTON YD	FINDS, RCRA-NonGen
HUGHES MISSILE SYSTEM NAPI NN	FINDS, RCRA-NonGen
EL PASO FIELD SVC KUTZ FLD PLNT	FINDS, RCRA-NonGen
M-I DRILLING FLUIDS CO-FARMINGTON	FINDS, RCRA-NonGen
MOUNTAIN STATES EQUIPMENT	FINDS, RCRA-NonGen
APL-BISTI JUNCTION	FINDS, RCRA-NonGen
CONSOLIDATED CONSTRUCTORS ASPHALT PLANT	RCRA-NonGen
WEATHERFORD ENTERRA	FINDS, RCRA-CESQG
A-1 AUTO SALVAGE	FINDS, RCRA-CESQG
LARGO TANK AND EQUIPMENT INC	RCRA-CESQG
54GO PERFORMANCE CHEMICALS	FINDS, RCRA-CESQG
HUNTINGTON OIL INC	FINDS
GRAVES OIL AND BUTANE D	FINDS
MARATHON OIL COMPANY - FARMINGTON	FINDS
UNION OIL CO - COMPRESSOR STATION NO1	FINDS
SHELL OIL SERVICE STATION	FINDS
MERRION OIL SNAKE EYES GAS PLANT	FINDS
RAYTHEON MISSILE SYSTEMS CO	INDIAN UST

OVERVIEW MAP - 2380591.1s



☆ Target Property

△ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

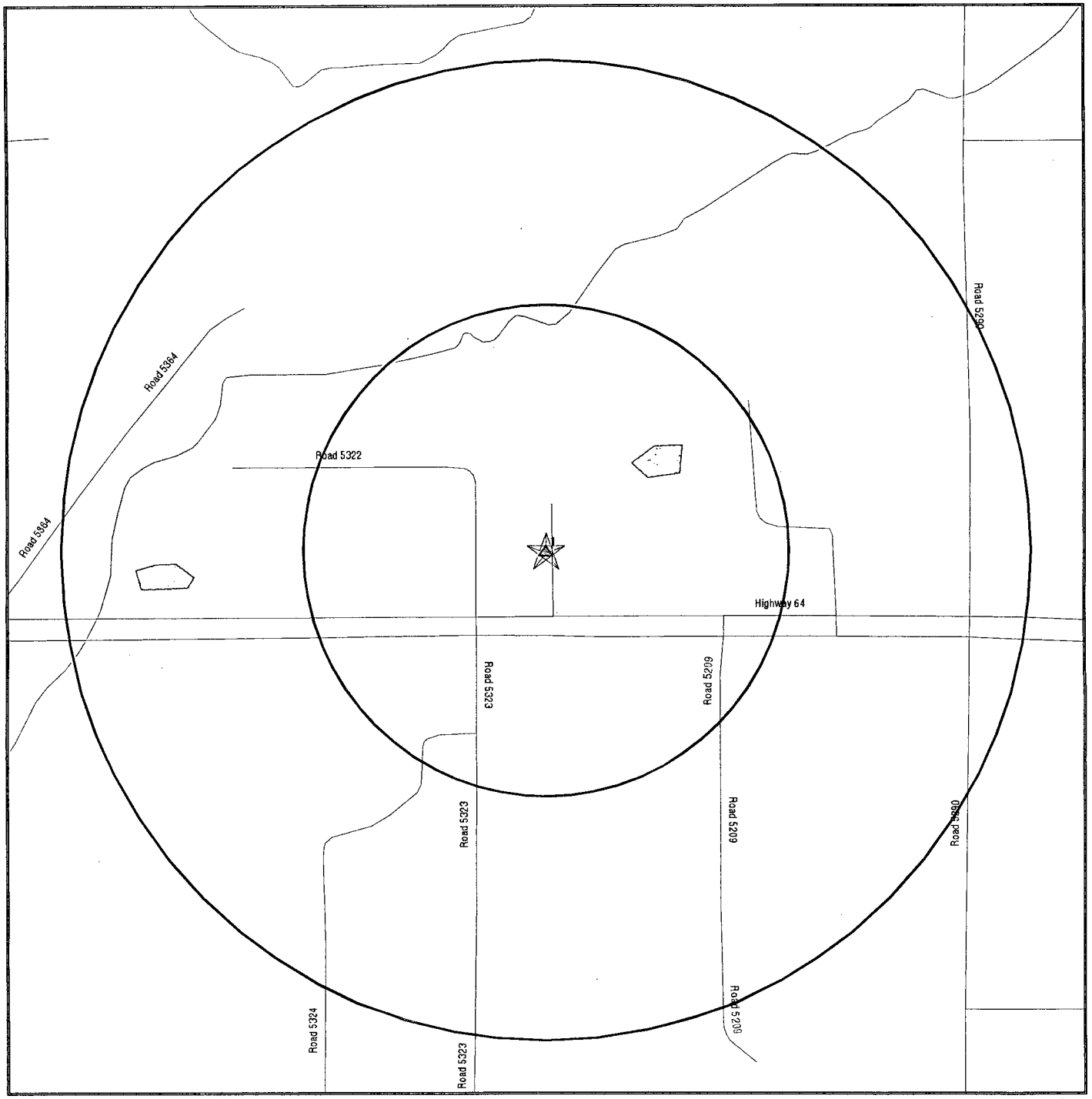
Oil & Gas pipelines

National Wetland Inventory

N

SITE NAME: Knight Oil Tools, Inc. ADDRESS: 5970 US Hwy. 64 Farmington NM 87401 LAT/LONG: 36.7017 / 108.0592	CLIENT: EDI Environmental Service Inc. CONTACT: Clay Courville INQUIRY #: 2380591.1s DATE: December 11, 2008 1:44 pm

DETAIL MAP - 2380591.1s



- ☆ Target Property
- △ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- National Wetland Inventory

SITE NAME: Knight Oil Tools, Inc. ADDRESS: 5970 US Hwy. 64 Farmington NM 87401 LAT/LONG: 36.7017 / 108.0592	CLIENT: EDI Environmental Service Inc. CONTACT: Clay Courville INQUIRY #: 2380591.1s DATE: December 11, 2008 1:44 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
LIENS 2		TP	NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA-TSDF		0.500	0	0	0	NR	NR	0
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG	X	0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
US CDL		TP	NR	NR	NR	NR	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
STATE AND LOCAL RECORDS								
SCS		1.000	0	0	0	0	NR	0
SHWS		N/A	N/A	N/A	N/A	N/A	N/A	N/A
SWF/LF		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	NR	NR	0
LAST		0.500	0	0	0	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
ASBESTOS		TP	NR	NR	NR	NR	NR	0
TRIBAL RECORDS								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

1
Target
Property
Actual:
5475 ft.

ROBINSON TUBULARS, INC.
5970 US HWY 64
FARMINGTON, NM 87401

RCRA-SQG **1000833133**
FINDS **NMD986683795**

RCRA-SQG:

Date form received by agency:	06/01/2007
Facility name:	ROBINSON TUBULARS, INC.
Facility address:	5970 US HWY 64 FARMINGTON, NM 87401
EPA ID:	NMD986683795
Mailing address:	SE EVANGELINE THRWY. LAFAYETTE, LA 70508
Contact:	BRYAN HUVAL
Contact address:	SE EVANGELINE THRWY. LAFAYETTE, LA 70508
Contact country:	US
Contact telephone:	337-233-0464
Contact email:	Not reported
EPA Region:	06
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	ROBINSON TUBULAR, INC.
Owner/operator address:	SE EVANGELINE THRWY LAFAYETTE, LA 70508
Owner/operator country:	US
Owner/operator telephone:	337-233-0464
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/01/2006
Owner/Op end date:	Not reported

Owner/operator name:	ROBINSON TUBULAR, INC.
Owner/operator address:	SE EVANGELINE THRWY LAFAYETTE, LA 70508
Owner/operator country:	US
Owner/operator telephone:	337-233-0464
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	07/01/2006
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No

ROBINSON TUBULARS, INC. (Continued) **1000833133**

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 01/12/1993
Facility name: ROBINSON TUBULARS, INC.
Site name: PIONEER CONTRACTING CO INC
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D005
Waste name: BARIUM

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS

ROBINSON TUBULARS, INC. (Continued) **1000833133**

LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ARROYO SECO	U003973668	RHOC EXPRESS (ARROYO SECO)	18360 US HWY 84/285	87401	UST
BLOOMFIELD	S108954642	D&D OIL	ROAD TO AZTEC FROM BLOOMFIELD	87413	SCS
FARMINGTON	1000253998	MOBIL PROD TXNM FARMINGTON YD	HWY 17	87401	FINDS, RCRA-NonGen
FARMINGTON	U003191124	LA VIDA MISSIONS INC	RT 371 BETWEEN MM 55 AND 56	87401	UST
FARMINGTON	U003191117	HIXON DEVELOPMENT	HWY 371	87401	UST
FARMINGTON	S106770109	10342 THRIFTWAY 292, FARMINGTON	1020 HWY 371	87401	LUST
FARMINGTON	A100213481	CONSOLIDATED CONSTRUCTORS INC - NO2	1370 HWY 371	87401	AST
FARMINGTON	1000213791	HUGHES MISSILE SYSTEM NAPI NN	HWY 371 SOUTH NAPI INDIAN CENTER	87401	FINDS, RCRA-NonGen
FARMINGTON	1004754261	EL PASO FIELD SVC KUTZ FLD PLNT	FM 5569 2 M N OF HWY 64	87401	FINDS, RCRA-NonGen
FARMINGTON	S108954671	STEERE TANK LINES	HWY 64 BETWEEN FARMINGTON AND BLOOM		SCS
FARMINGTON	U003868802	GASCO	5775 HWY 64	87401	AST
FARMINGTON	U003749042	DATS TRUCKING	5656 HWY 64	87401	UST
FARMINGTON	U003191033	APOLLO	4200 HWY 64	87401	UST
FARMINGTON	1004754173	WEATHERFORD ENTERRA	5432 HWY 64	87401	FINDS, RCRA-CESQG
FARMINGTON	1000111161	M-I DRILLING FLUIDS CO-FARMINGTON	BLOOMFIELD HWY	87401	FINDS, RCRA-NonGen
FARMINGTON	1009421123	HUNTINGTON OIL INC	500 E BROADWAY	87401	FINDS
FARMINGTON	1004754073	A-1 AUTO SALVAGE	COUNTY ROAD 6100 NO 99	87401	FINDS, RCRA-CESQG
FARMINGTON	1000292996	SCHLUMBERGER WELL SVCS	#17 COUNTY RD 5911	87401	RCRA-SQG, FINDS
FARMINGTON	1003873608	WESTERN CO OF NORTH AMERICA	7 MI E OF TOWN ON HWY 550	87401	CERC-NFRAP
FARMINGTON	1009426254	GRAVES OIL AND BUTANE D	FARMINGTON AIRPORT DRAKE HAN	87401	FINDS
FARMINGTON	1009423925	MARATHON OIL COMPANY - FARMINGTON	5505 HILL NULLN DALE	87401	FINDS
FARMINGTON	S108954198	TEFTELLER, FARMINGTON	5420 US HWY 64		SCS
FARMINGTON	U003913244	THRIFTWAY 266 A	US HWY 666	87401	UST
FARMINGTON	U003191619	PHILLIPS TRUCKING	504 US HWY 64	87401	UST
FARMINGTON	1011490321	LARGO TANK AND EQUIPMENT INC	5720 US HWY 64	87401	RCRA-CESQG
FARMINGTON	1009393311	RAYTHEON MISSILE SYSTEMS CO	ST. HWY 371 6 MI. S. OF FARMINGTON	87401	INDIAN UST
FARMINGTON	1004754239	54GO PERFORMANCE CHEMICALS	5476 US HWY 64	87401	FINDS, RCRA-CESQG
FARMINGTON	1001113272	MOUNTAIN STATES EQUIPMENT	1616 W HWY 371	87401	FINDS, RCRA-NonGen
FARMINGTON	1008926755	UNION OIL CO - COMPRESSOR STATION NO1	43 MILES SE OF FARMINGTON	87401	FINDS
FARMINGTON	1004754029	APL-BISTI JUNCTION	28 MILES S ON HWY 371	87401	FINDS, RCRA-NonGen
FARMINGTON	1009430177	SHELL OIL SERVICE STATION	1601 A N DUSTIN	87401	FINDS
FARMINGTON	1007571020	CONSOLIDATED CONSTRUCTORS ASPHALT PLANT	NAVAJO HWY, #36	87401	RCRA-NonGen
FARMINGTON	1004754586	ELECTRICAL ENERGY SERVICES INC	3030 2A PLATA HWY	87401	RCRA-SQG, FINDS
FARMINGTON	1006817409	TRANSWESTERN PIPELINE BISTI CS	30 M S OF FARMINGTON HWY 371	87401	RCRA-SQG, FINDS
FARMINGTON	1004565429	MERRION OIL SNAKE EYES GAS PLANT	60 MI SE OF FARMINGTON	87401	FINDS
FARMINGTON	1003873617	HUNTINGTON OIL CO	SEC 15 TOWNSHIP 29 N RANGE 13W	87401	CERC-NFRAP
FARMINGTON	U003913205	HUGHES MISSILE SYSTEMS COMPANY	STATE HWY 371 S OF F	87401	UST
FARMINGTON	1000921976	RAYTHEON MISSILE SYSTEMS NAPI FACILITY	STATE HWY 371 S, NAPI IND CTR	87401	RCRA-SQG
FLORA VISTA	1000352640	BLM-FLORA VISTA LANDFILL	SJ CO. RT.3533,2.6 MI N OF SJ CO RT 550	87401	CERCLIS, FINDS
THOREAU	U002223164	THRIFTWAY 291	HWY 57	87401	LUST, UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 09/29/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/29/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/29/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/07/2008
Date Data Arrived at EDR: 10/16/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 53

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 10/16/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 76

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 08/19/2008
Date Data Arrived at EDR: 08/29/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/11/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 214-665-6444
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 214-665-6444
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 214-665-6444
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 214-665-6444
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 214-665-6444
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/06/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/06/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/30/2008
Next Scheduled EDR Contact: 09/29/2008
Data Release Frequency: Varies

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 01/23/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 54

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/21/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/30/2008
Date Data Arrived at EDR: 10/16/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 34

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/16/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 05/14/2008
Date Data Arrived at EDR: 05/28/2008
Date Made Active in Reports: 08/08/2008
Number of Days to Update: 72

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/26/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 10/31/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots–minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 08/25/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 10/16/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 11/07/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/05/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 12/08/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 04/25/2008
Date Data Arrived at EDR: 06/12/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 74

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/18/2008
Date Data Arrived at EDR: 07/11/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 45

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 07/13/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 03/25/2008
Date Data Arrived at EDR: 04/17/2008
Date Made Active in Reports: 05/15/2008
Number of Days to Update: 28

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 09/22/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/07/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/23/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/19/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 10/14/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/08/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 52

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 10/08/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 52

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 12/04/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/31/2008
Date Data Arrived at EDR: 08/13/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/14/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/04/2007
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 09/18/2008
Next Scheduled EDR Contact: 11/03/2008
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/03/2008
Date Data Arrived at EDR: 10/15/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 35

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/28/2008
Date Data Arrived at EDR: 10/29/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/09/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 47

Source: EPA
Telephone: (214) 665-2200
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/13/2007
Number of Days to Update: 38

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/09/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: Biennially

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 09/08/2008
Date Data Arrived at EDR: 09/10/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 12/08/2008
Next Scheduled EDR Contact: 02/09/2009
Data Release Frequency: Varies

STATE AND LOCAL RECORDS

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: Department of the Environment
Telephone: 505-827-2918
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SCS: State Cleanup Sites Listing
State cleanup sites that fall under the state's Water Quality Control Commission Regulations.

Date of Government Version: 06/25/2008
Date Data Arrived at EDR: 07/25/2008
Date Made Active in Reports: 08/27/2008
Number of Days to Update: 33

Source: Environment Department
Telephone: 505-827-2855
Last EDR Contact: 10/24/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

SWF/LF: Solid Waste Facilities
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/15/2008
Date Data Arrived at EDR: 09/17/2008
Date Made Active in Reports: 09/26/2008
Number of Days to Update: 9

Source: New Mexico Environment Department
Telephone: 505-827-0347
Last EDR Contact: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
Data Release Frequency: Semi-Annually

SWRCY: Recycling Facility Listing
A listing of recycling facility locations.

Date of Government Version: 09/15/2008
Date Data Arrived at EDR: 09/17/2008
Date Made Active in Reports: 09/26/2008
Number of Days to Update: 9

Source: Environment Department
Telephone: 505-827-0197
Last EDR Contact: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
Data Release Frequency: Varies

LUST: Leaking Underground Storage Tank Priorization Database
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 10/06/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 33

Source: New Mexico Environment Department
Telephone: 505-984-1741
Last EDR Contact: 09/16/2008
Next Scheduled EDR Contact: 10/27/2008
Data Release Frequency: Varies

UST: Listing of Underground Storage Tanks
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 09/27/2006
Date Made Active in Reports: 10/23/2006
Number of Days to Update: 26

Source: New Mexico Environment Department
Telephone: 505-984-1741
Last EDR Contact: 09/16/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Varies

LAST: Leaking Aboveground Storage Tank Sites
A listing of leaking aboveground storage tank sites.

Date of Government Version: 05/01/2006
Date Data Arrived at EDR: 05/01/2006
Date Made Active in Reports: 06/05/2006
Number of Days to Update: 35

Source: Environment Department
Telephone: 505-984-1926
Last EDR Contact: 09/16/2008
Next Scheduled EDR Contact: 10/27/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AST: Aboveground Storage Tanks List
Aboveground tanks that have been inspected by the State Fire Marshal.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 09/27/2006
Date Made Active in Reports: 10/20/2006
Number of Days to Update: 23

Source: Environment Department
Telephone: 505-984-1926
Last EDR Contact: 09/16/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Varies

SPILLS: Spill Data
Hazardous materials spills data.

Date of Government Version: 01/12/2006
Date Data Arrived at EDR: 01/23/2006
Date Made Active in Reports: 02/27/2006
Number of Days to Update: 35

Source: Environment Department
Telephone: 505-827-0166
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

INST CONTROL: Sites with Institutional Controls
Sites included in the Voluntary Cleanup listing that have Institutional Controls in place.

Date of Government Version: 04/28/2008
Date Data Arrived at EDR: 07/25/2008
Date Made Active in Reports: 08/27/2008
Number of Days to Update: 33

Source: Environment Department
Telephone: 505-827-2754
Last EDR Contact: 10/24/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

VCP: Voluntary Remediation Program Sites
Sites involved in the Voluntary Remediation Program.

Date of Government Version: 04/28/2008
Date Data Arrived at EDR: 07/25/2008
Date Made Active in Reports: 08/27/2008
Number of Days to Update: 33

Source: Environment Department
Telephone: 505-827-2754
Last EDR Contact: 10/24/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facility Listing
A listing of drycleaner facility locations. The listing may contain facilities that are no longer there, or under different management.

Date of Government Version: 01/24/2007
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 03/22/2007
Number of Days to Update: 50

Source: Environment Department
Telephone: 505-222-9507
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Laboratory Listing
A listing of clandestine drug labs, such as illegal methamphetamine labs.

Date of Government Version: 08/12/2008
Date Data Arrived at EDR: 08/12/2008
Date Made Active in Reports: 08/27/2008
Number of Days to Update: 15

Source: Environment Department
Telephone: 505-476-6000
Last EDR Contact: 11/12/2008
Next Scheduled EDR Contact: 02/09/2009
Data Release Frequency: Varies

NPDES: List of Discharge Permits
General information regarding NPDES (National Pollutant Discharge Elimination System) permits.

Date of Government Version: 04/08/2008
Date Data Arrived at EDR: 05/14/2008
Date Made Active in Reports: 06/20/2008
Number of Days to Update: 37

Source: Environment Department
Telephone: 505-827-2918
Last EDR Contact: 11/14/2008
Next Scheduled EDR Contact: 02/09/2009
Data Release Frequency: Semi-Annually

ASBESTOS: List of Asbestos Demolition and Renovations Jobs

Asbestos is a common fibrous rock found worldwide which has been used in various products for over 4500 years. It has been used in over 3000 different products such as textiles, paper, ropes, wicks, stoves, filters, floor tiles, roofing shingles, clutch facings, water pipe, cements, fillers, felt, fireproof clothing, gaskets, battery boxes, clapboard, wallboard, fire doors, fire curtains, insulation, brake linings, etc.

Date of Government Version: 04/01/2007
Date Data Arrived at EDR: 05/09/2007
Date Made Active in Reports: 05/30/2007
Number of Days to Update: 21

Source: New Mexico Environment Department
Telephone: 505-827-1494
Last EDR Contact: 11/04/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 11/07/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/24/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/22/2008
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 18

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/21/2008
Date Data Arrived at EDR: 09/04/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 5

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/05/2008
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 06/06/2008
Date Data Arrived at EDR: 10/09/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 41

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/17/2008
Date Data Arrived at EDR: 03/27/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 40

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/19/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
A listing of underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 06/06/2008
Date Data Arrived at EDR: 10/09/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 41

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 09/08/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 09/05/2008
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/19/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 08/21/2008
Date Data Arrived at EDR: 09/04/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 5

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 09/05/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 08/22/2008
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 18

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/21/2008
Date Data Arrived at EDR: 11/26/2008
Date Made Active in Reports: 12/11/2008
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/26/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/08/2008
Number of Days to Update: 17

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 10/06/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Child Day Care Providers
Source: Office of Child Development
Telephone: 505-827-7946

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

KNIGHT OIL TOOLS, INC.
5970 US HWY. 64
FARMINGTON, NM 87401

TARGET PROPERTY COORDINATES

Latitude (North):	36.70169 - 36° 42' 6.1"
Longitude (West):	108.05924 - 108° 3' 33.3"
Universal Tranverse Mercator:	Zone 12
UTM X (Meters):	762715.5
UTM Y (Meters):	4065609.8
Elevation:	5475 ft. above sea level

USGS TOPOGRAPHIC MAP

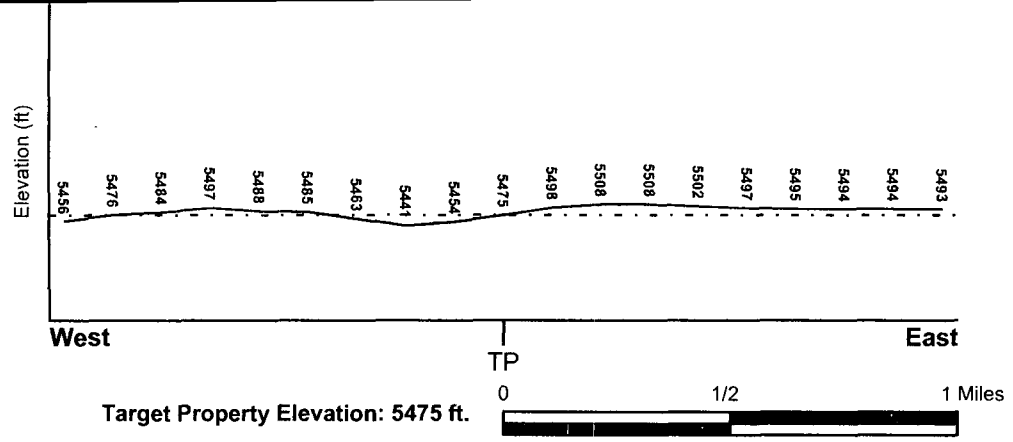
Target Property Map:	36108-F1 HORN CANYON, NM
Most Recent Revision:	1979

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.



Target Property Elevation: 5475 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

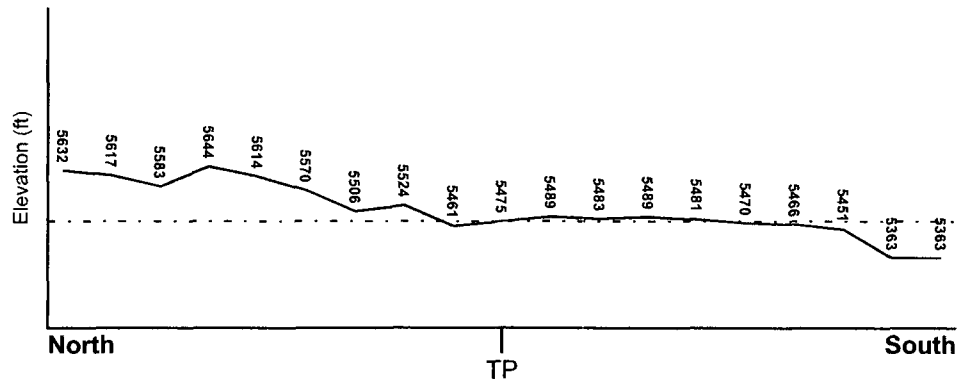
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
SAN JUAN, NM	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Tertiary
Series:	Paleocene
Code:	Txc *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Continental Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	FRUITLAND
Soil Surface Texture:	sandy loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	7 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 8.40 Min: 7.40
2	7 inches	60 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 8.40 Min: 7.40

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: clay loam
loam
fine sandy loam

Surficial Soil Types: clay loam
loam
fine sandy loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: clay loam
very gravelly - loamy sand
stratified
silt loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	NM1000000102043	1/8 - 1/4 Mile NE
A2	NM1000000101749	1/8 - 1/4 Mile WNW
A3	NM1000000101746	1/8 - 1/4 Mile WNW
A4	NM1000000101748	1/8 - 1/4 Mile WNW
A5	NM1000000102635	1/8 - 1/4 Mile WNW
6	NM1000000100965	1/8 - 1/4 Mile SW
7	NM1000000102523	1/4 - 1/2 Mile NNE
8	NM1000000100680	1/4 - 1/2 Mile ENE
9	NM1000000099892	1/4 - 1/2 Mile SSW
10	NM1000000102546	1/4 - 1/2 Mile NNE
11	NM1000000100209	1/4 - 1/2 Mile SE
B12	NM1000000100379	1/4 - 1/2 Mile ESE
B13	NM1000000100239	1/4 - 1/2 Mile ESE
B14	NM1000000101114	1/4 - 1/2 Mile ESE
C15	NM1000000099687	1/4 - 1/2 Mile SSE
C16	NM1000000100151	1/4 - 1/2 Mile SSE
17	NM1000000100449	1/4 - 1/2 Mile WNW
D18	NM1000000101116	1/4 - 1/2 Mile SSW
D19	NM1000000101767	1/4 - 1/2 Mile SSW
20	NM1000000099893	1/4 - 1/2 Mile NE
21	NM1000000100881	1/4 - 1/2 Mile WNW
22	NM1000000102125	1/2 - 1 Mile NE
23	NM1000000100232	1/2 - 1 Mile SW
24	NM1000000100396	1/2 - 1 Mile West
25	NM1000000103108	1/2 - 1 Mile South
26	NM1000000099722	1/2 - 1 Mile SE
E27	NM1000000101562	1/2 - 1 Mile NNE
E28	NM1000000101571	1/2 - 1 Mile NNE
E29	NM1000000101618	1/2 - 1 Mile NNE
E30	NM1000000101617	1/2 - 1 Mile NNE
31	NM1000000100217	1/2 - 1 Mile ESE
32	NM1000000103173	1/2 - 1 Mile SE
33	NM1000000100639	1/2 - 1 Mile West
34	NM1000000101796	1/2 - 1 Mile SSE
35	NM1000000100236	1/2 - 1 Mile ESE
36	NM1000000101932	1/2 - 1 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

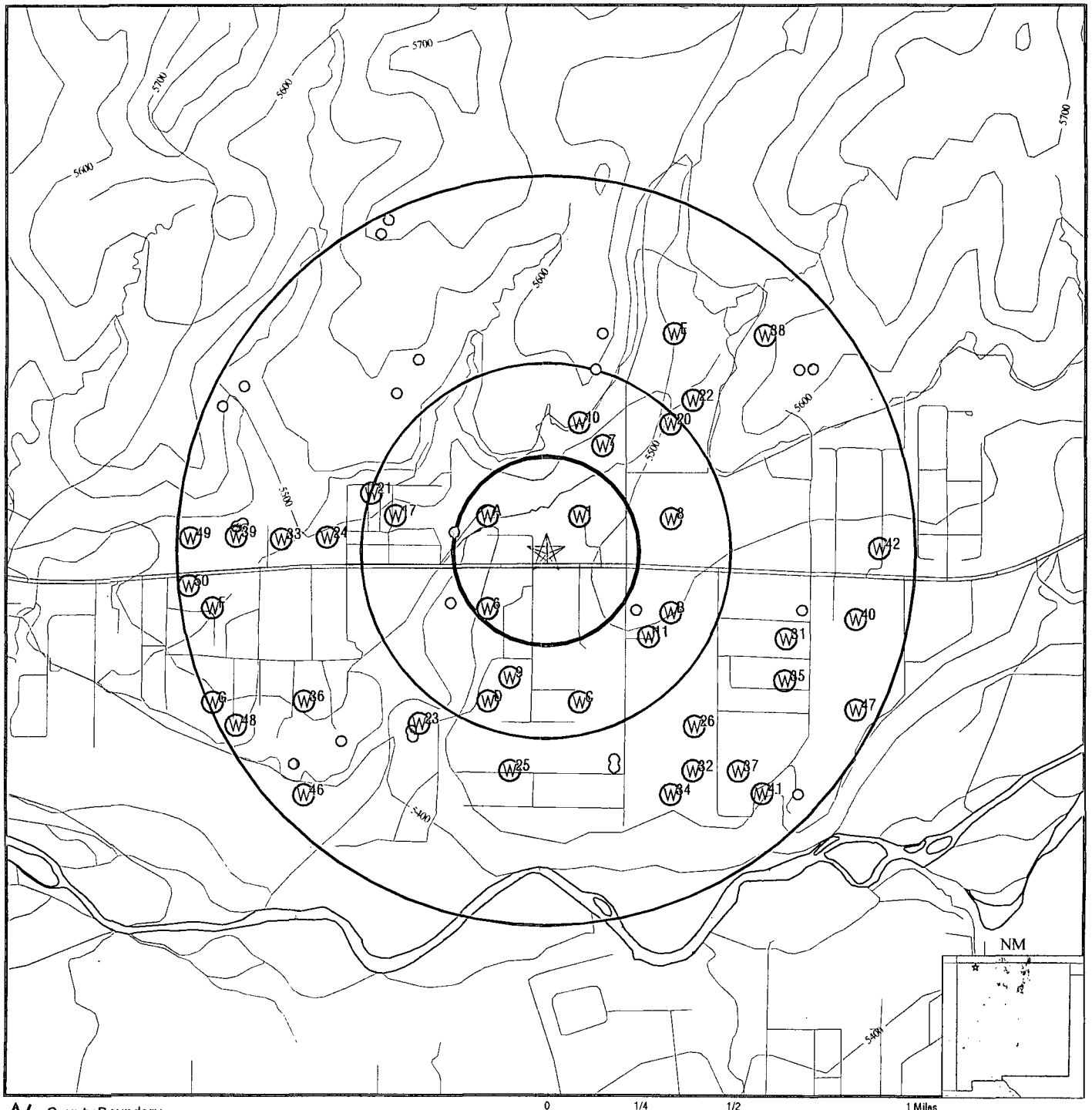
MAP ID	WELL ID	LOCATION FROM TP
37	NM1000000102094	1/2 - 1 Mile SE
38	NM1000000102500	1/2 - 1 Mile NE
39	NM1000000102485	1/2 - 1 Mile West
40	NM1000000101425	1/2 - 1 Mile ESE
41	NM1000000100435	1/2 - 1 Mile SE
42	NM1000000101337	1/2 - 1 Mile East
F43	NM1000000101713	1/2 - 1 Mile West
F44	NM1000000099858	1/2 - 1 Mile West
F45	NM1000000101131	1/2 - 1 Mile West
46	NM1000000099663	1/2 - 1 Mile SW
47	NM1000000100955	1/2 - 1 Mile ESE
48	NM1000000103056	1/2 - 1 Mile WSW
49	NM1000000102205	1/2 - 1 Mile West
50	NM1000000102547	1/2 - 1 Mile West
G51	NM1000000101891	1/2 - 1 Mile WSW
G52	NM1000000101889	1/2 - 1 Mile WSW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

DISTANCE FROM TP (Miles)	DISTANCE FROM TP (Miles)
1/2 - 1 Mile NNW	1/2 - 1 Mile NNW
1/2 - 1 Mile NNE	1/2 - 1 Mile NW
1/2 - 1 Mile NE	1/2 - 1 Mile NNE
1/2 - 1 Mile NE	1/2 - 1 Mile WNW
1/2 - 1 Mile NW	1/2 - 1 Mile WNW
1/2 - 1 Mile West	1/2 - 1 Mile West
1/4 - 1/2 Mile WNW	1/4 - 1/2 Mile WSW
1/2 - 1 Mile ESE	1/4 - 1/2 Mile ESE
1/2 - 1 Mile SW	1/2 - 1 Mile SW
1/2 - 1 Mile SW	1/2 - 1 Mile SSE
1/2 - 1 Mile SW	1/2 - 1 Mile SSE
1/2 - 1 Mile SE	

PHYSICAL SETTING SOURCE MAP - 2380591.1s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Knight Oil Tools, Inc.	CLIENT:	EDI Environmental Service Inc.
ADDRESS:	5970 US Hwy. 64 Farmington NM 87401	CONTACT:	Clay Courville
		INQUIRY #:	2380591.1s
LAT/LONG:	36.7017 / 108.0592	DATE:	December 11, 2008 1:44 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
1 **NE** **1/8 - 1/4 Mile** **Higher**	**NM WELLS**	**NM1000000102043**

Objectid:	17174	Id:	135144
X coord:	226854	Y coord:	4066289
Db file nb:	SJ 02082		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	135144
Well numbe:	SJ 02082	Tws:	29N
Rng:	12W	Sec:	25
Q:	1	Q2:	1
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	226903	Northing:	4066084
Start date:	19861027	Finish dat:	19861028
Depth well:	30	Depth wate:	3

	Database	EDR ID Number
A2 **WNW** **1/8 - 1/4 Mile** **Lower**	**NM WELLS**	**NM1000000101749**

Objectid:	16880	Id:	177853
X coord:	226453	Y coord:	4066303
Db file nb:	SJ 01784		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	177853
Well numbe:	SJ 01784	Tws:	29N
Rng:	12W	Sec:	26
Q:	2	Q2:	2
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	226502	Northing:	4066098
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

	Database	EDR ID Number
A3 **WNW** **1/8 - 1/4 Mile** **Lower**	**NM WELLS**	**NM1000000101746**

Objectid:	16877	Id:	135003
X coord:	226453	Y coord:	4066303
Db file nb:	SJ 01781		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	135003
Well numbe:	SJ 01781	Tws:	29N
Rng:	12W	Sec:	26
Q:	2	Q2:	2
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	226502	Northing:	4066098
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
A4 **WNW** **1/8 - 1/4 Mile** **Lower**	**NM WELLS**	**NM1000000101748**

Objectid:	16879	Id:	136004
X coord:	226453	Y coord:	4066303
Db file nb:	SJ 01783		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	136004
Well numbe:	SJ 01783	Tws:	29N
Rng:	12W	Sec:	26
Q:	2	Q2:	2
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	226502	Northing:	4066098
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

A5 **WNW** **1/8 - 1/4 Mile** **Lower**	**NM WELLS**	**NM1000000102635**

Objectid:	17751	Id:	133880
X coord:	226453	Y coord:	4066303
Db file nb:	SJ 02634		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	0	Pod rec nb:	133880
Well numbe:	SJ 02634	Tws:	29N
Rng:	12W	Sec:	26
Q:	2	Q2:	2
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	226502	Northing:	4066098
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

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6 **SW** **1/8 - 1/4 Mile** **Lower**	**NM WELLS**	**NM1000000100965**

Objectid:	16104	Id:	136296
X coord:	226442	Y coord:	4065904
Db file nb:	SJ 01194		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	136296
Well numbe:	SJ 01194	Tws:	29N
Rng:	12W	Sec:	26
Q:	2	Q2:	4
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	226491	Northing:	4065699
Start date:	19800821	Finish dat:	19800827
Depth well:	38	Depth wate:	12

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
7 **NNE** **1/4 - 1/2 Mile** **Higher**	**NM WELLS**	**NM1000000102523**

Objectid:	17642	Id:	135761
X coord:	226965	Y coord:	4066587
Db file nb:	SJ 02532		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	135761
Well numbe:	SJ 02532	Tws:	29N
Rng:	12W	Sec:	24
Q:	3	Q2:	3
Q3:	4	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	227014	Northing:	4066382
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

	Database	EDR ID Number
8 **ENE** **1/4 - 1/2 Mile** **Higher**	**NM WELLS**	**NM1000000100680**

Objectid:	15819	Id:	134672
X coord:	227252	Y coord:	4066267
Db file nb:	SJ 00938		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	134672
Well numbe:	SJ 00938	Tws:	29N
Rng:	12W	Sec:	25
Q:	1	Q2:	2
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	227301	Northing:	4066062
Start date:	19790507	Finish dat:	19790512
Depth well:	80	Depth wate:	40

	Database	EDR ID Number
9 **SSW** **1/4 - 1/2 Mile** **Higher**	**NM WELLS**	**NM1000000099892**

Objectid:	15045	Id:	136200
X coord:	226530	Y coord:	4065605
Db file nb:	SJ 00399		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	136200
Well numbe:	SJ 00399	Tws:	29N
Rng:	12W	Sec:	26
Q:	4	Q2:	2
Q3:	2	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	226579	Northing:	4065400
Start date:	19770715	Finish dat:	19770717
Depth well:	45	Depth wate:	25

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
10 **NNE** **1/4 - 1/2 Mile** **Higher**	**NM WELLS**	**NM1000000102546**

Objectid:	17665	Id:	135184
X coord:	226866	Y coord:	4066688
Db file nb:	SJ 02555		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	135184
Well numbe:	SJ 02555	Tws:	29N
Rng:	12W	Sec:	24
Q:	3	Q2:	3
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	226915	Northing:	4066483
Start date:	19940813	Finish dat:	19940815
Depth well:	21	Depth wate:	6

	Database	EDR ID Number
11 **SE** **1/4 - 1/2 Mile** **Higher**	**NM WELLS**	**NM1000000100209**

Objectid:	15358	Id:	136250
X coord:	227139	Y coord:	4065762
Db file nb:	SJ 00617		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	136250
Well numbe:	SJ 00617	Tws:	29N
Rng:	12W	Sec:	25
Q:	1	Q2:	4
Q3:	3	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	227188	Northing:	4065557
Start date:	19780503	Finish dat:	19780504
Depth well:	47	Depth wate:	20

	Database	EDR ID Number
B12 **ESE** **1/4 - 1/2 Mile** **Higher**	**NM WELLS**	**NM1000000100379**

Objectid:	15528	Id:	134533
X coord:	227240	Y coord:	4065863
Db file nb:	SJ 00706		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	134533
Well numbe:	SJ 00706	Tws:	29N
Rng:	12W	Sec:	25
Q:	1	Q2:	4
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	227289	Northing:	4065658
Start date:	19780718	Finish dat:	19780720
Depth well:	49	Depth wate:	20

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
B13 **ESE** **1/4 - 1/2 Mile** **Higher**	**NM WELLS**	**NM1000000100239**

Objectid:	15388	Id:	136523
X coord:	227240	Y coord:	4065863
Db file nb:	SJ 00652		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	136523
Well numbe:	SJ 00652	Tws:	29N
Rng:	12W	Sec:	25
Q:	1	Q2:	4
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	227289	Northing:	4065658
Start date:	19790528	Finish dat:	19790531
Depth well:	42	Depth wate:	20

	Database	EDR ID Number
B14 **ESE** **1/4 - 1/2 Mile** **Higher**	**NM WELLS**	**NM1000000101114**

Objectid:	16250	Id:	135316
X coord:	227240	Y coord:	4065863
Db file nb:	SJ 01322		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	135316
Well numbe:	SJ 01322	Tws:	29N
Rng:	12W	Sec:	25
Q:	1	Q2:	4
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	227289	Northing:	4065658
Start date:	19810109	Finish dat:	19810112
Depth well:	42	Depth wate:	20

	Database	EDR ID Number
C15 **SSE** **1/4 - 1/2 Mile** **Higher**	**NM WELLS**	**NM1000000099687**

Objectid:	14841	Id:	135577
X coord:	226830	Y coord:	4065490
Db file nb:	SJ 00131		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	0	Pod rec nb:	135577
Well numbe:	SJ 00131	Tws:	29N
Rng:	12W	Sec:	25
Q:	3	Q2:	1
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	226879	Northing:	4065285
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
C16		
SSE	**NM WELLS**	**NM1000000100151**
1/4 - 1/2 Mile		
Higher		

Objectid:	15301	Id:	135523
X coord:	226830	Y coord:	4065490
Db file nb:	SJ 00570		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	135523
Well numbe:	SJ 00570	Tws:	29N
Rng:	12W	Sec:	25
Q:	3	Q2:	1
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	226879	Northing:	4065285
Start date:	19780228	Finish dat:	19780302
Depth well:	36	Depth wate:	18

17		
WNW	**NM WELLS**	**NM1000000100449**
1/4 - 1/2 Mile		
Higher		

Objectid:	15597	Id:	135437
X coord:	226053	Y coord:	4066317
Db file nb:	SJ 00777		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	135437
Well numbe:	SJ 00777	Tws:	29N
Rng:	12W	Sec:	26
Q:	2	Q2:	1
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	226102	Northing:	4066112
Start date:	19780822	Finish dat:	19780823
Depth well:	47	Depth wate:	20

D18		
SSW	**NM WELLS**	**NM1000000101116**
1/4 - 1/2 Mile		
Lower		

Objectid:	16252	Id:	134553
X coord:	226431	Y coord:	4065506
Db file nb:	SJ 01326		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	134553
Well numbe:	SJ 01326	Tws:	29N
Rng:	12W	Sec:	26
Q:	4	Q2:	2
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	226480	Northing:	4065301
Start date:	19810112	Finish dat:	19810113
Depth well:	50	Depth wate:	27

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
D19 **SSW** **1/4 - 1/2 Mile** **Lower**	**NM WELLS**	**NM1000000101767**

Objectid:	16898	Id:	135268
X coord:	226431	Y coord:	4065506
Db file nb:	SJ 01802		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	135268
Well numbe:	SJ 01802	Tws:	29N
Rng:	12W	Sec:	26
Q:	4	Q2:	2
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	226480	Northing:	4065301
Start date:	19840206	Finish dat:	19840210
Depth well:	70	Depth wate:	18

	Database	EDR ID Number
20 **NE** **1/4 - 1/2 Mile** **Higher**	**NM WELLS**	**NM1000000099893**

Objectid:	15046	Id:	135474
X coord:	227264	Y coord:	4066670
Db file nb:	SJ 00400		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	135474
Well numbe:	SJ 00400	Tws:	29N
Rng:	12W	Sec:	24
Q:	3	Q2:	4
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	227313	Northing:	4066465
Start date:	19770718	Finish dat:	19770720
Depth well:	83	Depth wate:	35

	Database	EDR ID Number
21 **WNW** **1/4 - 1/2 Mile** **Higher**	**NM WELLS**	**NM1000000100881**

Objectid:	16020	Id:	134881
X coord:	225952	Y coord:	4066416
Db file nb:	SJ 01109		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	134881
Well numbe:	SJ 01109	Tws:	29N
Rng:	12W	Sec:	26
Q:	2	Q2:	1
Q3:	1	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	226001	Northing:	4066211
Start date:	19800325	Finish dat:	19800401
Depth well:	100	Depth wate:	70

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

22
NE
1/2 - 1 Mile
Higher

NM WELLS **NM1000000102125**

Objectid:	17256	Id:	133984
X coord:	227363	Y coord:	4066769
Db file nb:	SJ 02160		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	133984
Well numbe:	SJ 02160	Tws:	29N
Rng:	12W	Sec:	24
Q:	3	Q2:	4
Q3:	2	Zone:	W
X:	435900	Y:	2076000
Easting:	227412	Northing:	4066564
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

23
SW
1/2 - 1 Mile
Lower

NM WELLS **NM1000000100232**

Objectid:	15381	Id:	134583
X coord:	226130	Y coord:	4065421
Db file nb:	SJ 00645		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	0	Pod rec nb:	134583
Well numbe:	SJ 00645	Tws:	29N
Rng:	12W	Sec:	26
Q:	4	Q2:	1
Q3:	4	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	226179	Northing:	4065216
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

24
West
1/2 - 1 Mile
Higher

NM WELLS **NM1000000100396**

Objectid:	15545	Id:	134503
X coord:	225754	Y coord:	4066233
Db file nb:	SJ 00723		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	134503
Well numbe:	SJ 00723	Tws:	29N
Rng:	12W	Sec:	26
Q:	1	Q2:	2
Q3:	4	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	225803	Northing:	4066028
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
25 **South** **1/2 - 1 Mile** **Lower**	**NM WELLS**	**NM1000000103108**

Objectid:	18217	Id:	171810
X coord:	226518	Y coord:	4065207
Db file nb:	SJ 03104		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	171810
Well numbe:	SJ 03104	Tws:	29N
Rng:	12W	Sec:	26
Q:	4	Q2:	4
Q3:	2	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	226567	Northing:	4065002
Start date:	0	Finish dat:	0
Depth well:	50	Depth wate:	0

	Database	EDR ID Number
26 **SE** **1/2 - 1 Mile** **Lower**	**NM WELLS**	**NM1000000099722**

Objectid:	14876	Id:	136510
X coord:	227327	Y coord:	4065372
Db file nb:	SJ 00177		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	136510
Well numbe:	SJ 00177	Tws:	29N
Rng:	12W	Sec:	25
Q:	3	Q2:	2
Q3:	4	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	227376	Northing:	4065167
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

	Database	EDR ID Number
E27 **NNE** **1/2 - 1 Mile** **Higher**	**NM WELLS**	**NM1000000101562**

Objectid:	16693	Id:	136555
X coord:	227289	Y coord:	4067058
Db file nb:	SJ 01597		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	136555
Well numbe:	SJ 01597	Tws:	29N
Rng:	12W	Sec:	24
Q:	3	Q2:	2
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	227338	Northing:	4066853
Start date:	19820730	Finish dat:	19820814
Depth well:	40	Depth wate:	15

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number

E28
NNE
1/2 - 1 Mile
Higher

NM WELLS **NM1000000101571**

Objectid:	16702	Id:	135815
X coord:	227289	Y coord:	4067058
Db file nb:	SJ 01607		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	0	Pod rec nb:	135815
Well numbe:	SJ 01607	Tws:	29N
Rng:	12W	Sec:	24
Q:	3	Q2:	2
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	227338	Northing:	4066853
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

E29
NNE
1/2 - 1 Mile
Higher

NM WELLS **NM1000000101618**

Objectid:	16749	Id:	135477
X coord:	227289	Y coord:	4067058
Db file nb:	SJ 01653		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	0	Pod rec nb:	135477
Well numbe:	SJ 01653 X	Tws:	29N
Rng:	12W	Sec:	24
Q:	3	Q2:	2
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	227338	Northing:	4066853
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

E30
NNE
1/2 - 1 Mile
Higher

NM WELLS **NM1000000101617**

Objectid:	16748	Id:	134118
X coord:	227289	Y coord:	4067058
Db file nb:	SJ 01653		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	0	Pod rec nb:	134118
Well numbe:	SJ 01653	Tws:	29N
Rng:	12W	Sec:	24
Q:	3	Q2:	2
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	227338	Northing:	4066853
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
31 **ESE** **1/2 - 1 Mile** **Higher**	**NM WELLS**	**NM1000000100217**

Objectid:	15366	Id:	135269
X coord:	227736	Y coord:	4065736
Db file nb:	SJ 00627		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	0	Pod rec nb:	135269
Well numbe:	SJ 00627	Tws:	29N
Rng:	12W	Sec:	25
Q:	2	Q2:	3
Q3:	4	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	227785	Northing:	4065531
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

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32 **SE** **1/2 - 1 Mile** **Lower**	**NM WELLS**	**NM1000000103173**

Objectid:	18281	Id:	177641
X coord:	227315	Y coord:	4065183
Db file nb:	SJ 03173		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	177641
Well numbe:	SJ 03173	Tws:	29N
Rng:	12W	Sec:	25
Q:	3	Q2:	4
Q3:	2	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	227364	Northing:	4064978
Start date:	0	Finish dat:	0
Depth well:	30	Depth wate:	0

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33 **West** **1/2 - 1 Mile** **Higher**	**NM WELLS**	**NM1000000100639**

Objectid:	15783	Id:	134445
X coord:	225554	Y coord:	4066233
Db file nb:	SJ 00910		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	134445
Well numbe:	SJ 00910	Tws:	29N
Rng:	12W	Sec:	26
Q:	1	Q2:	2
Q3:	3	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	225603	Northing:	4066028
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
34 **SSE** **1/2 - 1 Mile** **Lower**	**NM WELLS**	**NM1000000101796**

Objectid:	16927	Id:	135625
X coord:	227216	Y coord:	4065084
Db file nb:	SJ 01827		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	135625
Well numbe:	SJ 01827	Tws:	29N
Rng:	12W	Sec:	25
Q:	3	Q2:	4
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	227265	Northing:	4064879
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

	Database	EDR ID Number
35 **ESE** **1/2 - 1 Mile** **Higher**	**NM WELLS**	**NM1000000100236**

Objectid:	15385	Id:	133903
X coord:	227725	Y coord:	4065556
Db file nb:	SJ 00649		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	0	Pod rec nb:	133903
Well numbe:	SJ 00649	Tws:	29N
Rng:	12W	Sec:	25
Q:	4	Q2:	1
Q3:	2	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	227774	Northing:	4065351
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

	Database	EDR ID Number
36 **WSW** **1/2 - 1 Mile** **Lower**	**NM WELLS**	**NM1000000101932**

Objectid:	17063	Id:	135536
X coord:	225632	Y coord:	4065531
Db file nb:	SJ 01996		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	135536
Well numbe:	SJ 01996	Tws:	29N
Rng:	12W	Sec:	26
Q:	3	Q2:	2
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	225681	Northing:	4065326
Start date:	19850918	Finish dat:	19850920
Depth well:	75	Depth wate:	17

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
37 **SE** **1/2 - 1 Mile** **Lower**	**NM WELLS**	**NM1000000102094**

Objectid:	17225	Id:	134061
X coord:	227513	Y coord:	4065176
Db file nb:	SJ 02132		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	134061
Well numbe:	SJ 02132	Tws:	29N
Rng:	12W	Sec:	25
Q:	4	Q2:	3
Q3:	1	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	227562	Northing:	4064971
Start date:	19870610	Finish dat:	19870612
Depth well:	40	Depth wate:	12

	Database	EDR ID Number
38 **NE** **1/2 - 1 Mile** **Higher**	**NM WELLS**	**NM1000000102500**

Objectid:	17619	Id:	133911
X coord:	227684	Y coord:	4067039
Db file nb:	SJ 02512		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	133911
Well numbe:	SJ 02512	Tws:	29N
Rng:	12W	Sec:	24
Q:	4	Q2:	1
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	227733	Northing:	4066834
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

	Database	EDR ID Number
39 **West** **1/2 - 1 Mile** **Lower**	**NM WELLS**	**NM1000000102485**

Objectid:	17604	Id:	135251
X coord:	225357	Y coord:	4066250
Db file nb:	SJ 02496		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	135251
Well numbe:	SJ 02496	Tws:	29N
Rng:	12W	Sec:	26
Q:	1	Q2:	1
Q3:	4	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	225406	Northing:	4066045
Start date:	19930816	Finish dat:	19930820
Depth well:	35	Depth wate:	20

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
40 **ESE** **1/2 - 1 Mile** **Higher**	**NM WELLS**	**NM1000000101425**

Objectid:	16558	Id:	136501
X coord:	228043	Y coord:	4065809
Db file nb:	SJ 01466		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	136501
Well numbe:	SJ 01466	Tws:	29N
Rng:	12W	Sec:	25
Q:	2	Q2:	4
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	228092	Northing:	4065604
Start date:	19810914	Finish dat:	19810919
Depth well:	27	Depth wate:	14

	Database	EDR ID Number
41 **SE** **1/2 - 1 Mile** **Lower**	**NM WELLS**	**NM1000000100435**

Objectid:	15583	Id:	134817
X coord:	227614	Y coord:	4065077
Db file nb:	SJ 00763		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	134817
Well numbe:	SJ 00763	Tws:	29N
Rng:	12W	Sec:	25
Q:	4	Q2:	3
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	227663	Northing:	4064872
Start date:	19780829	Finish dat:	19780905
Depth well:	60	Depth wate:	20

	Database	EDR ID Number
42 **East** **1/2 - 1 Mile** **Higher**	**NM WELLS**	**NM1000000101337**

Objectid:	16471	Id:	134712
X coord:	228155	Y coord:	4066112
Db file nb:	SJ 01374		
Use:	72-12-1 LIVESTOCK WATERING		
Diversion:	3	Pod rec nb:	134712
Well numbe:	SJ 01374	Tws:	29N
Rng:	12W	Sec:	25
Q:	2	Q2:	3
Q3:	4	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	228204	Northing:	4065907
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
F43 **West** **1/2 - 1 Mile** **Lower**	**NM WELLS**	**NM1000000101713**

Objectid:	16844	Id:	135678
X coord:	225245	Y coord:	4065946
Db file nb:	SJ 01748		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	135678
Well numbe:	SJ 01748	Tws:	29N
Rng:	12W	Sec:	26
Q:	1	Q2:	3
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	225294	Northing:	4065741
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

	Database	EDR ID Number
F44 **West** **1/2 - 1 Mile** **Lower**	**NM WELLS**	**NM1000000099858**

Objectid:	15011	Id:	134094
X coord:	225245	Y coord:	4065946
Db file nb:	SJ 00354		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	0	Pod rec nb:	134094
Well numbe:	SJ 00354	Tws:	29N
Rng:	12W	Sec:	26
Q:	1	Q2:	3
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	225294	Northing:	4065741
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

	Database	EDR ID Number
F45 **West** **1/2 - 1 Mile** **Lower**	**NM WELLS**	**NM1000000101131**

Objectid:	16267	Id:	135647
X coord:	225245	Y coord:	4065946
Db file nb:	SJ 01341		
Use:	72-12-1 SANITARY IN CONJUNCTION WITH A COMMERCIAL USE		
Diversion:	3	Pod rec nb:	135647
Well numbe:	SJ 01341	Tws:	29N
Rng:	12W	Sec:	26
Q:	1	Q2:	3
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	225294	Northing:	4065741
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
46 **SW** **1/2 - 1 Mile** **Lower**	**NM WELLS**	**NM1000000099663**

Objectid:	14819	Id:	136519
X coord:	225620	Y coord:	4065130
Db file nb:	SJ 00112		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	136519
Well numbe:	SJ 00112	Tws:	29N
Rng:	12W	Sec:	26
Q:	3	Q2:	4
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	225669	Northing:	4064925
Start date:	19761008	Finish dat:	19761011
Depth well:	47	Depth wate:	26

	Database	EDR ID Number
47 **ESE** **1/2 - 1 Mile** **Lower**	**NM WELLS**	**NM1000000100955**

Objectid:	16094	Id:	134359
X coord:	228031	Y coord:	4065420
Db file nb:	SJ 01185		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	134359
Well numbe:	SJ 01185	Tws:	29N
Rng:	12W	Sec:	25
Q:	4	Q2:	3
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	228080	Northing:	4065215
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

	Database	EDR ID Number
48 **WSW** **1/2 - 1 Mile** **Lower**	**NM WELLS**	**NM1000000103056**

Objectid:	18165	Id:	167267
X coord:	225332	Y coord:	4065439
Db file nb:	SJ 03052		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	167267
Well numbe:	SJ 03052	Tws:	29N
Rng:	12W	Sec:	26
Q:	3	Q2:	1
Q3:	4	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	225381	Northing:	4065234
Start date:	20001115	Finish dat:	20001118
Depth well:	29	Depth wate:	15

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
49 **West** **1/2 - 1 Mile** **Lower**	**NM WELLS**	**NM1000000102205**

Objectid:	17330	Id:	135745
X coord:	225157	Y coord:	4066250
Db file nb:	SJ 02234		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	135745
Well numbe:	SJ 02234	Tws:	29N
Rng:	12W	Sec:	26
Q:	1	Q2:	1
Q3:	3	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	225206	Northing:	4066045
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

	Database	EDR ID Number
50 **West** **1/2 - 1 Mile** **Lower**	**NM WELLS**	**NM1000000102547**

Objectid:	17666	Id:	133734
X coord:	225144	Y coord:	4066045
Db file nb:	SJ 02557		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	133734
Well numbe:	SJ 02557	Tws:	29N
Rng:	12W	Sec:	26
Q:	1	Q2:	3
Q3:	1	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	225193	Northing:	4065840
Start date:	0	Finish dat:	0
Depth well:	0	Depth wate:	0

	Database	EDR ID Number
G51 **WSW** **1/2 - 1 Mile** **Lower**	**NM WELLS**	**NM1000000101891**

Objectid:	17022	Id:	135107
X coord:	225233	Y coord:	4065540
Db file nb:	SJ 01956		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	135107
Well numbe:	SJ 01956	Tws:	29N
Rng:	12W	Sec:	26
Q:	3	Q2:	1
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	225282	Northing:	4065335
Start date:	19850730	Finish dat:	19850730
Depth well:	50	Depth wate:	18

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database	EDR ID Number
NM WELLS	**NM1000000101889**

G52
WSW
1/2 - 1 Mile
Lower

Objectid:	17020	Id:	134629
X coord:	225233	Y coord:	4065540
Db file nb:	SJ 01954		
Use:	72-12-1 DOMESTIC ONE HOUSEHOLD		
Diversion:	3	Pod rec nb:	134629
Well numbe:	SJ 01954	Tws:	29N
Rng:	12W	Sec:	26
Q:	3	Q2:	1
Q3:	Not Reported	Zone:	Not Reported
X:	Not Reported	Y:	Not Reported
Easting:	225282	Northing:	4065335
Start date:	19850717	Finish dat:	19850718
Depth well:	55	Depth wate:	20

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance — Database — EDR ID Number

NNW
1/2 - 1 Mile — **OIL_GAS** — **NMOG20000080262**

Api:	3004522163	Well name:	H J LOE FEDERAL B 002R
Compl stat:	Active		
Ocd ul:	G	Section:	23
Township:	29.0N	Range:	12W
Sdiv ul:	7	Ftg ns:	1650
Ns cd:	N	Ftg ew:	2210
Ew cd:	E	Ogrid cde:	131994
Operator:	FOUR STAR OIL & GAS CO		
Property:	17682		
Land type:	F	Well type:	G
Spud date:	10/28/1976 00:00:00	Plug date:	12/23/1983 00:00:00
Elevgl:	6168	Tvd depth:	6358
Producing :	71599	One produc:	BASIN DAKOTA (PRORATED GAS)
Last prod :	2007-08	Gas prod 2:	49689
Oil prod 2:	162	Water prod:	340
Water inj :	0	Days prod :	351
Gas prod 3:	43614	Oil prod 3:	126
Water pr 1:	319	Water inj1:	0
Days prod1:	365	Gas prod 4:	50464
Oil prod 4:	196	Water pr 2:	82
Water in 1:	0	Days pro 1:	365
County:	San Juan		
Latitude:	36.7144864371		
Longitude:	-108.066908153		
Nbr compls:	1		
Acres:	321.2		
Site id:	NMOG20000080262		

NNW
1/2 - 1 Mile — **OIL_GAS** — **NMOG20000080232**

Api:	3004505291	Well name:	H J LOE FEDERAL B 002
Compl stat:	Active		
Ocd ul:	G	Section:	23
Township:	29.0N	Range:	12W
Sdiv ul:	7	Ftg ns:	1850
Ns cd:	N	Ftg ew:	2310
Ew cd:	E	Ogrid cde:	131994
Operator:	FOUR STAR OIL & GAS CO		
Property:	17682		
Land type:	F	Well type:	S
Spud date:	04/09/1960 00:00:00	Plug date:	07/18/1956 00:00:00
Elevgl:	5668	Tvd depth:	6412
Producing :	0	One produc:	Not Reported
Last prod :	Not Reported	Gas prod 2:	0
Oil prod 2:	0	Water prod:	0
Water inj :	17206	Days prod :	30
Gas prod 3:	0	Oil prod 3:	0
Water pr 1:	0	Water inj1:	14171
Days prod1:	0	Gas prod 4:	0
Oil prod 4:	0	Water pr 2:	0
Water in 1:	17498	Days pro 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

County:	San Juan
Latitude:	36.7139469941
Longitude:	-108.067277357
Nbr compls:	1
Acres:	40
Site id:	NMOG20000080232

NNE
1/2 - 1 Mile **OIL_GAS** **NMOG20000080100**

Api:	3004532852	Well name:	FEDERAL 101
Compl stat:	Active		
Ocd ul:	K	Section:	24
Township:	29.0N	Range:	12W
Sdiv ul:	K	Ftg ns:	1955
Ns cd:	S	Ftg ew:	885
Ew cd:	W	Ogrid cde:	163458
Operator:	SYNERGY OPERATING LLC		
Property:	32533		
Land type:	F	Well type:	G
Spud date:	05/11/2005 00:00:00	Plug date:	12/15/2005 00:00:00
Elevgl:	5641	Tvd depth:	1825
Producing :	71629	One produc:	BASIN FRUITLAND COAL (GAS)
Last prod :	2007-08	Gas prod 2:	12013
Oil prod 2:	0	Water prod:	880
Water inj :	0	Days prod :	292
Gas prod 3:	3467	Oil prod 3:	0
Water pr 1:	810	Water inj1:	0
Days prod1:	181	Gas prod 4:	0
Oil prod 4:	0	Water pr 2:	0
Water in 1:	0	Days pro 1:	0
County:	San Juan		
Latitude:	36.7100868372		
Longitude:	-108.056504706		
Nbr compls:	1		
Acres:	310.4		
Site id:	NMOG20000080100		

NW
1/2 - 1 Mile **OIL_GAS** **NMOG20000080058**

Api:	3004531935	Well name:	H J LOE FEDERAL B 004S
Compl stat:	Active		
Ocd ul:	J	Section:	23
Township:	29.0N	Range:	12W
Sdiv ul:	10	Ftg ns:	1575
Ns cd:	S	Ftg ew:	1710
Ew cd:	E	Ogrid cde:	131994
Operator:	FOUR STAR OIL & GAS CO		
Property:	17682		
Land type:	F	Well type:	G
Spud date:	01/08/2004 00:00:00	Plug date:	06/15/1993 00:00:00

Elevgl:	5581	Tvd depth:	1830
Producing :	71629	One produc:	BASIN FRUITLAND COAL (GAS)
Last prod :	2007-08	Gas prod 2:	44392
Oil prod 2:	0	Water prod:	191258
Water inj :	0	Days prod :	365
Gas prod 3:	43883	Oil prod 3:	0
Water pr 1:	787522	Water inj1:	0
Days prod1:	365	Gas prod 4:	30144
Oil prod 4:	0	Water pr 2:	2349
Water in 1:	0	Days pro 1:	300
County:	San Juan		
Latitude:	36.7090700908		
Longitude:	-108.065455745		
Nbr compls:	1		
Acres:	307.92		
Site id:	NMOG20000080058		

NE
1/2 - 1 Mile **OIL_GAS** **NMOG20000080032**

Api:	3004532861	Well name:	CRAWFORD 29 12 24 102
Compl stat:	Active		
Ocd ul:	I	Section:	24
Township:	29.0N	Range:	12W
Sdiv ul:	9	Ftg ns:	1540
Ns cd:	S	Ftg ew:	1325
Ew cd:	E	Ogrid cde:	163458
Operator:	SYNERGY OPERATING LLC		
Property:	34618		
Land type:	F	Well type:	G
Spud date:	05/22/2005 00:00:00	Plug date:	01/01/2005 00:00:00
Elevgl:	5634	Tvd depth:	1850
Producing :	71629	One produc:	BASIN FRUITLAND COAL (GAS)
Last prod :	2007-08	Gas prod 2:	15437
Oil prod 2:	0	Water prod:	1600
Water inj :	0	Days prod :	357
Gas prod 3:	2609	Oil prod 3:	0
Water pr 1:	400	Water inj1:	0
Days prod1:	181	Gas prod 4:	0
Oil prod 4:	0	Water pr 2:	0
Water in 1:	0	Days pro 1:	0
County:	San Juan		
Latitude:	36.7087263954		
Longitude:	-108.046258643		
Nbr compls:	1		
Acres:	304.42		
Site id:	NMOG20000080032		

NNE
1/2 - 1 Mile **OIL_GAS** **NMOG20000080028**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Api:	3004507983	Well name:	CRAWFORD GAS COM B 001
Compl stat:	Plugged		
Ocd ul:	L	Section:	24
Township:	29.0N	Range:	12W
Sdiv ul:	10	Ftg ns:	1450
Ns cd:	S	Ftg ew:	810
Ew cd:	W	Ogrid cde:	778
Operator:	BP AMERICA PRODUCTION COMPANY		
Property:	392		
Land type:	F	Well type:	G
Spud date:	10/01/1961 00:00:00	Plug date:	06/18/2004 00:00:00
Elevgl:	5618	Tvd depth:	6356
Producing :	0	One produc:	Not Reported
Last prod :	2003-10	Gas prod 2:	0
Oil prod 2:	0	Water prod:	0
Water inj :	0	Days prod :	0
Gas prod 3:	0	Oil prod 3:	0
Water pr 1:	0	Water inj1:	0
Days prod1:	0	Gas prod 4:	0
Oil prod 4:	0	Water pr 2:	0
Water in 1:	0	Days pro 1:	0
County:	San Juan		
Latitude:	36.7087013544		
Longitude:	-108.056829193		
Nbr compls:	2		
Acres:	80		
Site id:	NMOG20000080028		

NE
1/2 - 1 Mile **OIL_GAS** **NMOG20000080027**

Api:	3004524011	Well name:	CRAWFORD GAS COM B 001E
Compl stat:	Active		
Ocd ul:	J	Section:	24
Township:	29.0N	Range:	12W
Sdiv ul:	J	Ftg ns:	1520
Ns cd:	S	Ftg ew:	1520
Ew cd:	E	Ogrid cde:	778
Operator:	BP AMERICA PRODUCTION COMPANY		
Property:	392		
Land type:	P	Well type:	G
Spud date:	01/10/1980 00:00:00	Plug date:	10/25/1979 00:00:00
Elevgl:	5632	Tvd depth:	6395
Producing :	82329	One produc:	OTERO CHACRA (GAS)
Last prod :	2007-06	Gas prod 2:	8447
Oil prod 2:	0	Water prod:	455
Water inj :	0	Days prod :	344
Gas prod 3:	14995	Oil prod 3:	0
Water pr 1:	670	Water inj1:	0
Days prod1:	319	Gas prod 4:	23874
Oil prod 4:	0	Water pr 2:	1345
Water in 1:	0	Days pro 1:	362

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

County:	San Juan
Latitude:	36.7087000036
Longitude:	-108.046926766
Nbr compls:	2
Acres:	476.94
Site id:	NMOG20000080027

WNW
1/2 - 1 Mile **OIL_GAS** **NMOG20000079991**

Api:	3004528169	Well name:	H J LOE FEDERAL B 005
Compl stat:	Active		
Ocd ul:	M	Section:	23
Township:	29.0N	Range:	12W
Sdiv ul:	13	Ftg ns:	1175
Ns cd:	S	Ftg ew:	1095
Ew cd:	W	Ogrid cde:	131994
Operator:	FOUR STAR OIL & GAS CO		
Property:	17682		
Land type:	F	Well type:	G
Spud date:	11/15/1990 00:00:00	Plug date:	07/31/2003 00:00:00
Elevgl:	5494	Tvd depth:	1610
Producing :	71629	One produc:	BASIN FRUITLAND COAL (GAS)
Last prod :	2007-08	Gas prod 2:	46470
Oil prod 2:	0	Water prod:	2921
Water inj :	0	Days prod :	365
Gas prod 3:	54635	Oil prod 3:	0
Water pr 1:	5712	Water inj1:	0
Days prod1:	365	Gas prod 4:	63211
Oil prod 4:	0	Water pr 2:	1246
Water in 1:	0	Days pro 1:	365
County:	San Juan		
Latitude:	36.708040427		
Longitude:	-108.073940835		
Nbr compls:	1		
Acres:	320		
Site id:	NMOG20000079991		

NW
1/2 - 1 Mile **OIL_GAS** **NMOG20000079971**

Api:	3004524555	Well name:	H J LOE FEDERAL B 003E
Compl stat:	Active		
Ocd ul:	O	Section:	23
Township:	29.0N	Range:	12W
Sdiv ul:	15	Ftg ns:	1100
Ns cd:	S	Ftg ew:	2000
Ew cd:	E	Ogrid cde:	131994
Operator:	FOUR STAR OIL & GAS CO		
Property:	17682		
Land type:	F	Well type:	G
Spud date:	09/29/1980 00:00:00	Plug date:	04/21/2005 00:00:00

Elevgl:	5583	Tvd depth:	6278
Producing :	71599	One produc:	BASIN DAKOTA (PRORATED GAS)
Last prod :	2007-08	Gas prod 2:	11240
Oil prod 2:	0	Water prod:	104
Water inj :	0	Days prod :	365
Gas prod 3:	12545	Oil prod 3:	0
Water pr 1:	207	Water inj1:	0
Days prod1:	365	Gas prod 4:	32397
Oil prod 4:	0	Water pr 2:	541
Water in 1:	0	Days pro 1:	365
County:	San Juan		
Latitude:	36.7077673903		
Longitude:	-108.066513765		
Nbr compls:	2		
Acres:	467.34		
Site id:	NMOG20000079971		

WNW
1/2 - 1 Mile **OIL_GAS** **NMOG20000079948**

Api:	3004507955	Well name:	H J LOE FEDERAL B 003
Compl stat:	Plugged		
Ocd ul:	M	Section:	23
Township:	29.0N	Range:	12W
Sdiv ul:	13	Ftg ns:	890
Ns cd:	S	Ftg ew:	790
Ew cd:	W	Ogrid cde:	131994
Operator:	FOUR STAR OIL & GAS CO		
Property:	17682		
Land type:	F	Well type:	G
Spud date:	09/16/1960 00:00:00	Plug date:	06/13/2002 00:00:00
Elevgl:	5507	Tvd depth:	6220
Producing :	0	One produc:	Not Reported
Last prod :	1997-10	Gas prod 2:	0
Oil prod 2:	0	Water prod:	0
Water inj :	0	Days prod :	0
Gas prod 3:	0	Oil prod 3:	0
Water pr 1:	0	Water inj1:	0
Days prod1:	0	Gas prod 4:	0
Oil prod 4:	0	Water pr 2:	0
Water in 1:	0	Days pro 1:	0
County:	San Juan		
Latitude:	36.7072703355		
Longitude:	-108.074989311		
Nbr compls:	2		
Acres:	80		
Site id:	NMOG20000079948		

West
1/2 - 1 Mile **OIL_GAS** **NMOG20000079779**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Api:	3004528365	Well name:	GALLEGOS CANYON UNIT 511
Compl stat:	Active		
Ocd ul:	D	Section:	26
Township:	29.0N	Range:	12W
Sdiv ul:	1	Ftg ns:	745
Ns cd:	N	Ftg ew:	1080
Ew cd:	W	Ogrid cde:	778
Operator:	BP AMERICA PRODUCTION COMPANY		
Property:	570		
Land type:	F	Well type:	G
Spud date:	11/26/1990 00:00:00	Plug date:	02/27/2002 00:00:00
Elevgl:	5455	Tvd depth:	1606
Producing :	79680	One produc:	KUTZ PICTURED CLIFFS, WEST (GAS)
Last prod :	2007-08	Gas prod 2:	19155
Oil prod 2:	0	Water prod:	495
Water inj :	0	Days prod :	364
Gas prod 3:	19736	Oil prod 3:	0
Water pr 1:	510	Water inj1:	0
Days prod1:	355	Gas prod 4:	22829
Oil prod 4:	0	Water pr 2:	515
Water in 1:	0	Days pro 1:	365
County:	San Juan		
Latitude:	36.7027672079		
Longitude:	-108.074010294		
Nbr compls:	1		
Acres:	160		
Site id:	NMOG20000079779		

West
1/2 - 1 Mile **OIL_GAS** **NMOG20000079771**

Api:	3004524291	Well name:	GALLEGOS CANYON UNIT 145E
Compl stat:	Active		
Ocd ul:	D	Section:	26
Township:	29.0N	Range:	12W
Sdiv ul:	1	Ftg ns:	790
Ns cd:	N	Ftg ew:	990
Ew cd:	W	Ogrid cde:	778
Operator:	BP AMERICA PRODUCTION COMPANY		
Property:	570		
Land type:	F	Well type:	G
Spud date:	05/10/1980 00:00:00	Plug date:	06/30/2004 00:00:00
Elevgl:	5461	Tvd depth:	6229
Producing :	71599	One produc:	BASIN DAKOTA (PRORATED GAS)
Last prod :	2007-08	Gas prod 2:	28542
Oil prod 2:	190	Water prod:	160
Water inj :	0	Days prod :	365
Gas prod 3:	33621	Oil prod 3:	242
Water pr 1:	75	Water inj1:	0
Days prod1:	364	Gas prod 4:	38090
Oil prod 4:	364	Water pr 2:	175
Water in 1:	0	Days pro 1:	365

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

County:	San Juan
Latitude:	36.7026473561
Longitude:	-108.074318784
Nbr compls:	1
Acres:	320
Site id:	NMOG20000079771

WNW
1/4 - 1/2 Mile **OIL_GAS** **NMOG20000079761**

Api:	3004507909	Well name:	GALLEGOS CANYON UNIT 145
Compl stat:	Active		
Ocd ul:	A	Section:	26
Township:	29.0N	Range:	12W
Sdiv ul:	A	Ftg ns:	842
Ns cd:	N	Ftg ew:	1142
Ew cd:	E	Ogrid cde:	778
Operator:	BP AMERICA PRODUCTION COMPANY		
Property:	570		
Land type:	P	Well type:	G
Spud date:	10/01/1963 00:00:00	Plug date:	06/30/1960 00:00:00
Elevgl:	5451	Tvd depth:	6150
Producing :	71599	One produc:	BASIN DAKOTA (PRORATED GAS)
Last prod :	2007-08	Gas prod 2:	5264
Oil prod 2:	18	Water prod:	55
Water inj :	0	Days prod :	364
Gas prod 3:	12287	Oil prod 3:	48
Water pr 1:	0	Water inj1:	0
Days prod1:	318	Gas prod 4:	8617
Oil prod 4:	60	Water pr 2:	40
Water in 1:	0	Days pro 1:	365
County:	San Juan		
Latitude:	36.7024280261		
Longitude:	-108.063714824		
Nbr compls:	2		
Acres:	360		
Site id:	NMOG20000079761		

WSW
1/4 - 1/2 Mile **OIL_GAS** **NMOG20000079556**

Api:	3004529032	Well name:	GALLEGOS CANYON UNIT 532
Compl stat:	Active		
Ocd ul:	H	Section:	26
Township:	29.0N	Range:	12W
Sdiv ul:	H	Ftg ns:	1843
Ns cd:	N	Ftg ew:	1188
Ew cd:	E	Ogrid cde:	778
Operator:	BP AMERICA PRODUCTION COMPANY		
Property:	570		
Land type:	P	Well type:	G
Spud date:	02/09/1994 00:00:00	Plug date:	04/11/1996 00:00:00

Elevgl:	5434	Tvd depth:	1590
Producing :	79680	One produc:	KUTZ PICTURED CLIFFS, WEST (GAS)
Last prod :	2007-08	Gas prod 2:	21543
Oil prod 2:	0	Water prod:	1515
Water inj :	0	Days prod :	364
Gas prod 3:	28029	Oil prod 3:	0
Water pr 1:	2035	Water inj1:	0
Days prod1:	362	Gas prod 4:	32716
Oil prod 4:	0	Water pr 2:	1714
Water in 1:	0	Days pro 1:	359
County:	San Juan		
Latitude:	36.6996788661		
Longitude:	-108.063875207		
Nbr compls:	1		
Acres:	160		
Site id:	NMOG20000079556		

ESE
1/2 - 1 Mile **OIL_GAS** **NMOG20000079540**

Api:	3004526125	Well name:	GALLEGOS CANYON UNIT COM A 142E
Compl stat:	Active		
Ocd ul:	G	Section:	25
Township:	29.0N	Range:	12W
Sdiv ul:	G	Ftg ns:	1850
Ns cd:	N	Ftg ew:	1475
Ew cd:	E	Ogrid cde:	778
Operator:	BP AMERICA PRODUCTION COMPANY		
Property:	573		
Land type:	P	Well type:	G
Spud date:	12/04/1984 00:00:00	Plug date:	05/24/1985 00:00:00
Elevgl:	5478	Tvd depth:	6208
Producing :	82329	One produc:	OTERO CHACRA (GAS)
Last prod :	2007-08	Gas prod 2:	39816
Oil prod 2:	247	Water prod:	621
Water inj :	0	Days prod :	364
Gas prod 3:	51028	Oil prod 3:	264
Water pr 1:	570	Water inj1:	0
Days prod1:	359	Gas prod 4:	60282
Oil prod 4:	310	Water pr 2:	640
Water in 1:	0	Days pro 1:	365
County:	San Juan		
Latitude:	36.6994281087		
Longitude:	-108.046762625		
Nbr compls:	2		
Acres:	480		
Site id:	NMOG20000079540		

ESE
1/4 - 1/2 Mile **OIL_GAS** **NMOG20000079539**

Api:	3004507857	Well name:	GALLEGOS CANYON UNIT COM B 143
Compl stat:	Active		
Ocd ul:	F	Section:	25
Township:	29.0N	Range:	12W
Sdiv ul:	F	Ftg ns:	1926
Ns cd:	N	Ftg ew:	1450
Ew cd:	W	Ogrid cde:	778
Operator:	BP AMERICA PRODUCTION COMPANY		
Property:	574		
Land type:	P	Well type:	G
Spud date:	11/11/1963 00:00:00	Plug date:	03/12/1987 00:00:00
Elevgl:	5497	Tvd depth:	6206
Producing :	82329	One produc:	OTERO CHACRA (GAS)
Last prod :	2007-08	Gas prod 2:	48914
Oil prod 2:	247	Water prod:	611
Water inj :	0	Days prod :	364
Gas prod 3:	56592	Oil prod 3:	236
Water pr 1:	790	Water inj1:	0
Days prod1:	359	Gas prod 4:	54633
Oil prod 4:	340	Water pr 2:	960
Water in 1:	0	Days pro 1:	351
County:	San Juan		
Latitude:	36.6994184344		
Longitude:	-108.054838555		
Nbr compls:	2		
Acres:	480		
Site id:	NMOG20000079539		

SW
1/2 - 1 Mile **OIL_GAS** **NMOG20000079409**

Api:	3004524556	Well name:	GALLEGOS CANYON UNIT COM G 179E
Compl stat:	Active		
Ocd ul:	J	Section:	26
Township:	29.0N	Range:	12W
Sdiv ul:	2	Ftg ns:	1615
Ns cd:	S	Ftg ew:	1740
Ew cd:	E	Ogrid cde:	778
Operator:	BP AMERICA PRODUCTION COMPANY		
Property:	578		
Land type:	F	Well type:	G
Spud date:	10/24/1980 00:00:00	Plug date:	04/08/1991 00:00:00
Elevgl:	5406	Tvd depth:	6138
Producing :	71599	One produc:	BASIN DAKOTA (PRORATED GAS)
Last prod :	2006-08	Gas prod 2:	2277
Oil prod 2:	41	Water prod:	555
Water inj :	0	Days prod :	113
Gas prod 3:	377	Oil prod 3:	1
Water pr 1:	0	Water inj1:	0
Days prod1:	121	Gas prod 4:	2507
Oil prod 4:	54	Water pr 2:	200
Water in 1:	0	Days pro 1:	327

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

County:	San Juan
Latitude:	36.694742095
Longitude:	-108.065784375
Nbr compls:	1
Acres:	320.15
Site id:	NMOG20000079409

SW
1/2 - 1 Mile **OIL_GAS** **NMOG20000079386**

Api:	3004528221	Well name:	GALLEGOS CANYON UNIT 512
Compl stat:	Active		
Ocd ul:	J	Section:	26
Township:	29.0N	Range:	12W
Sdiv ul:	2	Ftg ns:	1530
Ns cd:	S	Ftg ew:	1715
Ew cd:	E	Ogrid cde:	778
Operator:	BP AMERICA PRODUCTION COMPANY		
Property:	570		
Land type:	F	Well type:	G
Spud date:	01/01/1991 00:00:00	Plug date:	12/30/1994 00:00:00
Elevgl:	5397	Tvd depth:	1546
Producing :	79680	One produc:	KUTZ PICTURED CLIFFS, WEST (GAS)
Last prod :	2007-08	Gas prod 2:	18949
Oil prod 2:	0	Water prod:	335
Water inj :	0	Days prod :	364
Gas prod 3:	15527	Oil prod 3:	0
Water pr 1:	598	Water inj1:	0
Days prod1:	362	Gas prod 4:	5864
Oil prod 4:	0	Water pr 2:	165
Water in 1:	0	Days pro 1:	365
County:	San Juan		
Latitude:	36.6945078344		
Longitude:	-108.065700078		
Nbr compls:	1		
Acres:	160		
Site id:	NMOG20000079386		

SW
1/2 - 1 Mile **OIL_GAS** **NMOG20000079372**

Api:	3004507805	Well name:	GALLEGOS CANYON UNIT COM G 179
Compl stat:	Active		
Ocd ul:	K	Section:	26
Township:	29.0N	Range:	12W
Sdiv ul:	K	Ftg ns:	1460
Ns cd:	S	Ftg ew:	2494
Ew cd:	W	Ogrid cde:	778
Operator:	BP AMERICA PRODUCTION COMPANY		
Property:	578		
Land type:	P	Well type:	G
Spud date:	10/10/1964 00:00:00	Plug date:	04/11/1967 00:00:00

Elevgl:	5458	Tvd depth:	6110
Producing :	71599	One produc:	BASIN DAKOTA (PRORATED GAS)
Last prod :	2006-12	Gas prod 2:	3448
Oil prod 2:	1	Water prod:	0
Water inj :	0	Days prod :	361
Gas prod 3:	4945	Oil prod 3:	2
Water pr 1:	0	Water inj1:	0
Days prod1:	365	Gas prod 4:	7263
Oil prod 4:	55	Water pr 2:	40
Water in 1:	0	Days pro 1:	365
County:	San Juan		
Latitude:	36.6943379499		
Longitude:	-108.069179087		
Nbr compls:	1		
Acres:	320.15		
Site id:	NMOG20000079372		

SSE
1/2 - 1 Mile **OIL_GAS** **NMOG20000079309**

Api:	3004528600	Well name:	GALLEGOS CANYON UNIT 518
Compl stat:	Plugged		
Ocd ul:	M	Section:	25
Township:	29.0N	Range:	12W
Sdiv ul:	M	Ftg ns:	1225
Ns cd:	S	Ftg ew:	1150
Ew cd:	W	Ogrid cde:	778
Operator:	BP AMERICA PRODUCTION COMPANY		
Property:	570		
Land type:	F	Well type:	G
Spud date:	11/13/1991 00:00:00	Plug date:	04/04/2005 00:00:00
Elevgl:	5464	Tvd depth:	1714
Producing :	0	One produc:	Not Reported
Last prod :	1997-03	Gas prod 2:	0
Oil prod 2:	0	Water prod:	0
Water inj :	0	Days prod :	0
Gas prod 3:	0	Oil prod 3:	0
Water pr 1:	0	Water inj1:	0
Days prod1:	0	Gas prod 4:	0
Oil prod 4:	0	Water pr 2:	0
Water in 1:	0	Days pro 1:	0
County:	San Juan		
Latitude:	36.6936604018		
Longitude:	-108.055890308		
Nbr compls:	1		
Acres:	160		
Site id:	NMOG20000079309		

SW
1/2 - 1 Mile **OIL_GAS** **NMOG20000079303**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Api:	3004528773	Well name:	GALLEGOS CANYON UNIT 525
Compl stat:	Active		
Ocd ul:	N	Section:	26
Township:	29.0N	Range:	12W
Sdiv ul:	4	Ftg ns:	1150
Ns cd:	S	Ftg ew:	1820
Ew cd:	W	Ogrid cde:	778
Operator:	BP AMERICA PRODUCTION COMPANY		
Property:	570		
Land type:	F	Well type:	G
Spud date:	10/12/1992 00:00:00	Plug date:	11/05/1998 00:00:00
Elevgl:	5403	Tvd depth:	1562
Producing :	79680	One produc:	KUTZ PICTURED CLIFFS, WEST (GAS)
Last prod :	2007-08	Gas prod 2:	35888
Oil prod 2:	0	Water prod:	340
Water inj :	0	Days prod :	364
Gas prod 3:	37449	Oil prod 3:	0
Water pr 1:	105	Water inj1:	0
Days prod1:	365	Gas prod 4:	46713
Oil prod 4:	0	Water pr 2:	260
Water in 1:	0	Days pro 1:	365
County:	San Juan		
Latitude:	36.6934482079		
Longitude:	-108.071489324		
Nbr compls:	1		
Acres:	160		
Site id:	NMOG20000079303		

SSE
1/2 - 1 Mile **OIL_GAS** **NMOG20000079297**

Api:	3004524284	Well name:	GALLEGOS CANYON UNIT COM B 143E
Compl stat:	Active		
Ocd ul:	M	Section:	25
Township:	29.0N	Range:	12W
Sdiv ul:	M	Ftg ns:	1105
Ns cd:	S	Ftg ew:	1150
Ew cd:	W	Ogrid cde:	778
Operator:	BP AMERICA PRODUCTION COMPANY		
Property:	574		
Land type:	P	Well type:	G
Spud date:	05/22/1980 00:00:00	Plug date:	06/06/2002 00:00:00
Elevgl:	5462	Tvd depth:	6224
Producing :	82329	One produc:	OTERO CHACRA (GAS)
Last prod :	2007-06	Gas prod 2:	37752
Oil prod 2:	2	Water prod:	991
Water inj :	0	Days prod :	364
Gas prod 3:	31536	Oil prod 3:	9
Water pr 1:	792	Water inj1:	0
Days prod1:	298	Gas prod 4:	50248
Oil prod 4:	254	Water pr 2:	810
Water in 1:	0	Days pro 1:	365

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

County:	San Juan
Latitude:	36.6933307534
Longitude:	-108.055892319
Nbr compls:	2
Acres:	480
Site id:	NMOG20000079297

SE
1/2 - 1 Mile **OIL_GAS** **NMOG20000079207**

Api:	3004507767	Well name:	GALLEGOS CANYON UNIT COM A 142
Compl stat:	Active		
Ocd ul:	O	Section:	25
Township:	29.0N	Range:	12W
Sdiv ul:	O	Ftg ns:	790
Ns cd:	S	Ftg ew:	1525
Ew cd:	E	Ogrid cde:	778
Operator:	BP AMERICA PRODUCTION COMPANY		
Property:	573		
Land type:	P	Well type:	G
Spud date:	10/25/1963 00:00:00	Plug date:	02/28/1961 00:00:00
Elevgl:	5471	Tvd depth:	6185
Producing :	82329	One produc:	OTERO CHACRA (GAS)
Last prod :	2007-04	Gas prod 2:	20054
Oil prod 2:	1	Water prod:	594
Water inj :	0	Days prod :	363
Gas prod 3:	17136	Oil prod 3:	9
Water pr 1:	520	Water inj1:	0
Days prod1:	299	Gas prod 4:	23435
Oil prod 4:	4	Water pr 2:	590
Water in 1:	0	Days pro 1:	365
County:	San Juan		
Latitude:	36.6923254333		
Longitude:	-108.046939999		
Nbr compls:	2		
Acres:	480		
Site id:	NMOG20000079207		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: NM Radon

Radon Test Results

Zip	Total Sites	Pct. < 4 Pci/L	4 < 10 Pci/L	10 < 20 Pci/L	> 20 Pci/L
87401	109	88.1	11.9	0.0	0.0

Federal EPA Radon Zone for SAN JUAN County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 87401

Number of sites tested: 114

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.068 pCi/L	96%	4%	0%
Living Area - 2nd Floor	0.900 pCi/L	100%	0%	0%
Basement	3.940 pCi/L	47%	53%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to *construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the* original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Office of the State Engineer
Telephone: 505-827-6175

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Locations
Source: New Mexico Institute of Mining and Technology
Telephone: 505-835-5142

RADON

State Database: NM Radon
Source: Environment Department
Telephone: 505-827-1093
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

August 13, 2004

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

CERTIFIED MAIL
RETURN RECEIPT NO. 3929 8423

Mr. Travis Woolf
Knight Oil Tools
5970 US Highway 64
San Juan County, New Mexico 87499

RE: Discharge Plan GW-158
5970 US Highway 64
San Juan County, New Mexico

Dear Mr. Woolf:

The groundwater discharge plan application GW-158 for the Knight Oil Tools Service Yard located in the NW/4 of Section 25 and NE/4 of Section 26, Township 29 North, Range 12 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 working days of receipt of this letter.**

The discharge plan application dated June 01, 2004 including attachments, submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations also includes all earlier applications and all conditions later placed on those approvals.

The discharge plan is renewed pursuant to Section 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 Knight Oil Tools of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does it relieve Knight Oil Tools of its responsibility to comply with any other governmental authority's rules and regulations. Please be advised that all exposed pits, including lined pits and open top 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 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., Knight Oil Tools 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.

Pursuant to Section 3109.H.4., this approval is for a period of five years. **This approval will expire May 31, 2009** and an application for renewal should be submitted in ample time before that date. Pursuant to 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 plans for, or the results of, an underground drainage testing program as a requirement for discharge plan renewal.

The discharge plan application for the Knight Oil Tools, Farmington Service Yard is subject to the WQCC Regulation 3114. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of $100 plus a renewal flat fee of $1700.00 for Oilfield Service Company facilities. The OCD has received the $100.00 filing.

Please make all checks payable to:	**Water Quality Management Fund** **C/o: Oil Conservation Division** **1220 South Saint Francis Drive** **Santa Fe, New Mexico 87505.**

If you have any questions, please contact Wayne Price of my staff at (505-476-3487) or E-mail WPRICE@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,

Roger C. Anderson
Environmental Bureau Chief
RCA/lwp
Attachment-1
Xc: OCD Hobbs Office

ATTACHMENT TO THE DISCHARGE PLAN GW-158 APPROVAL
Knight Oil Tools, Farmington Service Yard
DISCHARGE PLAN APPROVAL CONDITIONS
August 13, 2004

1. Payment of Discharge Plan Fees: The $100.00 filing fee has been received by the OCD. There is a required flat fee of $1700.00 for oilfield service companies. The flat fee required for this facility may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan, with the first payment due upon receipt of this approval. The filing fee is payable at the time of application and is due upon receipt of this approval.

2. Commitments: Knight Oil Tools will abide by all commitments submitted in the discharge plan renewal application dated June 01, 2004 including attachments, and these conditions for approval.

3. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. 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 must also be stored on an impermeable pad with curbing.

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 within the berm.

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. Labeling: All tanks, drums, and other containers should be clearly labeled to identify their contents and other emergency information necessary if the tank were to rupture, spill, or ignite.

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 below grade tanks, sumps and pits must be tested annually, except systems that have secondary containment with leak detection. These systems with leak detection shall have a monthly inspection of the leak detection to determine if the primary containment is leaking. Results of tests and inspections shall be maintained at the facility covered by this discharge plan and available for NMOCD inspection. Any system found to be leaking shall be reported pursuant to Item # 12. Permit holders may propose various methods for testing such as 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.

9. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be approved by the OCD prior to installation and must be tested to demonstrate their mechanical integrity every five (5) years. Results of such tests shall be maintained at the facility covered by this discharge plan and available for NMOCD inspection. Permit holders 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.

10. Class V Wells: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be approved for construction and/or operation 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.

11. Housekeeping: All systems designed for spill collection/prevention, and leak detection will be inspected daily to ensure proper operation and to prevent over topping or system failure. All spill collection and/or secondary containment devices will be emptied of fluids within 48 hours of discovery. A record of inspections will be retained on site for a period of five years.

12. Spill Reporting: All spills/releases shall be reported pursuant to OCD Rule 116. and WQCC 1203. to the OCD Aztec District Office.

13. Waste Disposal: 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 permit will be approved by OCD on a case-by-case basis.

    Rule 712 Waste: Pursuant to Rule 712 disposal of certain non-domestic waste is allowed at solid waste facilities permitted by the New Mexico Environment Department as long as the waste stream is identified in the discharge permit, and existing process knowledge of the waste stream does not change without notification to the Oil Conservation Division.

14. OCD Inspections: Additional requirements may be placed on the facility based upon results from OCD inspections.

15. Storm Water Permit: Stormwater runoff controls shall be maintained. As a result of operations, if any water contaminant that exceeds the WQCC standards listed in 20 NMAC 6.2.3101 is discharged in any stormwater run-off, then immediate actions shall be taken to mitigate the effects of the run-off, notify the OCD within 24 hours, and modify the discharge permit to include a formal stormwater run-off containment permit and submit for OCD approval within 15 days.

16. 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.

17. 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.

18. Certification: **Knight Oil Tools** by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. **Knight Oil Tools** 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.

Conditions accepted by: **Knight Oil Tools**

MIKE HAMZA
Company Representative- print name

Date 10/7/04
Company Representative- Sign

Title VICE PRESIDENT - FINANCE

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

RECEIVED
JUN 0 2 2004
OIL CONSERVATION DIVISION

Revised March 17, 1999

Submit Original Plus 1 Copy to Santa Fe
1 Copy to Appropriate District Office

DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES, GAS PLANTS. REFINERIES, COMPRESSOR, AND CRUDE OIL PUMP STATIONS

(Refer to the OCD Guidelines for assistance in completing the application)

☐ New ☒ Renewal ☐ Modification

1. Type: Oilfield service company that specializes in rental tools, such as tubulars, elevators, subs, valves, and blow out preventers.
2. Operator: Knight Oil Tools

   Address: 5970 U.S. Highway 64

   Contact Person: Travis Woolf Phone: (505) 632-6666
3. Location: See attached. /4 /4 Section Township Range

   Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
14. CERTIFICATION

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Travis Woolf. Title: Manager

Signature: Travis Woolf Date: 6/1/04

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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2040 South Pacheco
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DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES, GAS PLANTS. REFINERIES, COMPRESSOR, AND CRUDE OIL PUMP STATIONS

(Refer to the OCD Guidelines for assistance in completing the application)

☒ New ☐ Renewal ☐ Modification

1. Type: Oilfield service company that specializes in rental tools, such as tubulars, elevators, subs, valves, and blow out preventers.

2. Operator: Knight Oil Tools

   Address: 5970 U.S. Highway 64

   Contact Person: Dan Rogers Phone: (505) 326-4042

3. Location: See attached. /4 _____/4 Section _____ Township _____ Range _____

   Submit large scale topographic map showing exact location.

4. Attach the name, telephone number and address of the landowner of the facility site.

5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.

6. Attach a description of all materials stored or used at the facility.

7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.

8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.

9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.

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11. Attach a contingency plan for reporting and clean-up of spills or releases.

12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.

13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

14. CERTIFICATION

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: MIKE HAMZA Title: VICE PRESIDENT - FINANCE

Signature: Mike Hamza Date: 9/28/00

DISCHARGE PLAN GW-158
Knight Oil Tools
5970 U.S. Highway 64
San Juan County, New Mexico

September 28, 2000

Prepared for

Mr. Mike Hamza
KNIGHT OIL TOOLS
P.O. Box 52688
Lafayette, Louisiana 70505
(337) 233-6666

Prepared by

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
101 Credit Drive
Scott, Louisiana 70583
(337) 261-1963

DISCHARGE PLAN GUIDELINES

1) TYPE OF OPERATION

Knight Oil Tools is an oilfield service company specializing in rental tools, such as tubulars, elevators, subs, valves, and blow out preventers.

2) Name of Operator or Legally Responsible Party and Local Representative

The operator of this facility is Knight Oil Tools.
The facility address is 5970 U.S. Highway 64 San Juan County , New Mexico.
The local contact is Mr. Dan Rogers, Store Manager.
Telephone: (505) 326-4042

The corporate facility is Knight Oil Tools.
The corporate address is P.O. Box 52688, Lafayette, Louisiana 70505-2688.
The corporate contact is Mr. Mike Hamza.
Telephone: (337) 233-6666

3) Location of Discharge Plan Facility

The Knight Oil Tools facility is located in the northwest and north east quarters of sections 25 and 26 respectively, of Township 29 North, Range 12 West of San Juan County. The enclosed Figure 1 is a location map derived from a U.S.G.S 7.5 minute quadrangle of Horn Canyon, New Mexico.

4) Landowners

The current landowner of record for this facility is HML Leasing, Inc.
The corporate address is P.O. Box 52688, Lafayette, Louisiana 70505-2688.
The corporate contact is Mr. Mike Hamza.
Telephone: (337) 233-6666

5) Facility Description

The enclosed Figure 2 illustrates the approximate locations of property boundaries and pertinent structures.

6) Materials Stored or Used at the Facility

A. Drilling Fluids

There are no drilling fluids handled or stored at this facility.

B. Brines

There are no brine materials handled or stored at this facility.

C. Acids/Caustics

There are no acids or caustics handled or stored at this facility.

D. Detergents/soaps

There are no detergents or soaps utilized in washing activities at this facility.

E. Solvents and degreasers

Solvents and degreasers utilized at this facility are limited to Safety Kleen 105 parts washer solvent. This material is provided under contract by Safety Kleen, and used solvent is picked up for recycling on a scheduled basis. At any specified time, Knight Oil Tools maintains a maximum volume of five (5) 30-gallon drums of new (un-used material) material, and two (2) 25-gallon drums of used material.

F. Paraffin Treatment/ Emulsion breakers

There are no paraffin treatment or emulsion breaker materials used or stored at this facility.

G. Biocides

This facility uses an RGF closed loop washing/water treatment unit. The only material utilized for water treatment within the unit is hydrogen peroxide.

H. Paint, Pipe Coating, and Thinner

Paint, pipe coating and thinner are often used at this facility. This material is generally purchased for a specific job and used to completion. From the time of purchase till the time of use, and at any time that it is not in use, this material is stored in the areas specified for storage identified in Figure 2.

I. Diesel fuel

Diesel fuel is stored on-site in a 350-gallon aboveground storage tank, located within secondary containment. This fuel is used for forklifts and other off-road vehicles on site.

7) Sources and Quantities of Effluent and Waste Solids Generated at the Facility.

A. Sources

1. Truck wastes

Trucks utilized by this facility transfer no liquid or solid waste materials

2. Truck, tank and drum washing

The only washing on such equipment includes the exterior of trucks as a maintenance measure.

3. Steam cleaning of parts, equipment, tanks etc.

Upon receipt of returned rental equipment, Knight Oil Tools thoroughly inspects, pressure washes, and/or steam cleans (if necessary), and services and stores the equipment.

4. Solvent/degreaser use

Parts washer solvent Safety Kleen 105 is utilized for small parts cleaning, as well as cleaning of thread protectors. Useable solvent material is stored within the parts cleaner and thread protector cleaner until rendered waste. At that time it is collected by Safety Kleen for recycling.

5. Spent acids or caustics or completion fluids

Spent acids or caustics or completion fluids are not utilized at this facility.

6. Waste slop oil

There is no waste slop oil collected, transferred, or stored at this facility.

7. Used lubrication and motor oils

   All motor oils are changed and recycled by third party contractors off-site.

8. Oil filters

   Oil filters are changed and recycled by third party contractors off-site.

9. Solids and sludges from tanks

   No solids or sludges are collected from tanks at this facility, however, solids collected within the equipment washing areas are properly disposed by Safety Kleen.

10. Painting wastes

    Knight oil tools policy for paint and coating materials is to use the total volume of each container to prevent waste generation. If, however, paint or thinner waste is generated, it is properly containerized, labeled, and recycled by Safety Kleen.

11. Sewage

    All sanitary waste is directed to the municipal sewer treatment facility.

12. Laboratory Waste

    Laboratory wastes are not generated at this facility

13. Other liquid wastes

    No other liquid wastes are generated at this facility.

14. Other solid wastes

    No other solid wastes are generated at this facility.

B. **Quality Characteristics**

1. Provide concentration analysis for Total Dissolved Solids (TDS) and Major Cations/Anions, Ph, and Conductivity.

   Due to a zero-discharge equipment wash system, no discharge has occurred, nor analyses conducted.

2. Provide hydrocarbon analysis for benzene, ethyl benzene, toluene, and meta-, ortho-, and Para-xylene.

   Due to a zero-discharge equipment wash system, no discharge has occurred, nor analyses conducted.

3. Provide analyses for WQCC section 3103 standards not included within above analyses.

   Due to a zero-discharge equipment wash system, no discharge has occurred, nor analyses conducted.

4. Discuss the presence or absence of toxic pollutants (WQCC 1101.FT) in each process where a discharge/possible discharge effluent may be generated. If present, provide volumes and concentrations. Estimates may be used pending director evaluation of discharge plan submittal and proposed discharge methods.

   Due to a zero-discharge equipment wash system, no discharge has or will occur, nor analyses conducted.

5. Discuss sampling locations, methods, and procedures used to obtain values for #1, 2, and 3 on the previous page. Include information as to whether the sample was "grab" or "time composite", and sample collection and preservation techniques, laboratory used for the analysis, etc. Sources for sampling and analytical techniques to be used are listed in WQCC 3107.B.

   Due to a zero-discharge equipment wash system, no discharge has or will occur, nor have any analyses been conducted

6. Discuss any variations that could produce higher or lower values than those shown by the sampling procedures outlined above in #5 - i.e. flow rate variations, process upsets, etc. If major variations are expected or inherent with a particular process, provide ranges and the expected average.

   Due to a zero-discharge equipment wash system, no discharge has or will occur, nor have any analyses been conducted

C. **Commingled Waste Streams.**

1. If produced and process fluids are commingled within the facility, and if individual rates, volumes, and concentrations do not vary beyond a set range, and if process units are entirely self-contained to prevent intentional discharges and spills or inadvertent discharges, then chemical characterization of commingled effluent or process streams may be sufficient to satisfy discharge plan requirements.

   Currently, no commingled waste streams exist at this facility.

2. If the discharger wishes to submit information on commingled streams in lieu of submittal of individual stream characteristics, adequate information should be provided to justify the request.

   Currently, no commingled waste streams exist at this facility.

8) <u>Description of Current Liquid and Solid Waste Collection/Storage/Disposal Procedures.</u>

A. Summary Information

Equipment washing is conducted in a designated area with all contact water being collected within an in-ground concrete sump. All water collected within the sump is automatically transferred to the treatment system for reuse.

Containerized parts washer fluids, used and un-used, as well as paint and paint waste are stored on impermeable surfaces, within secondary containment.

Solid wastes generated from washing activities are contained within the sump of the wash system until recovered by Safety Kleen for recycling and disposal.

B. **Collection and Storage Systems.**

1. All potential water contaminants are contained within the zero-discharge wash system. These contaminants are never discharged to surface or subsurface. A concrete-lined collection sump is utilized for collection of washwater. Water is then transferred via underground lines to the zero-discharge washwater treatment system. Treated water is containerized within the system for wash water supply.

2. Diesel fuel is stored within a steel secondary containment storage area that is sufficient to contain a minimum of one and one half (1.5) of the total volume of the diesel tank. Drummed materials, such as paint, thinner, and parts cleaner solvent are also stored on impermeable surfaces, within secondary containment.

3. This facility transfers only untreated washwater through insulated underground piping to the wash water treatment unit.

FIGURES

C. **Existing Effluent and Solids Disposal**

1. On-Site Facilities

   All materials requiring disposal are disposed off-site.

2. Off-Site Disposal

   Wastewater sludges and solids are shipped via truck for off-site disposal.

   The final disposal location for sludges and solids is Safety Kleen.

9) Proposed Modifications

A. There are no current proposed modifications for storage or collection for this facility.

B. There are no ponds, pits, or leach fields utilized by this facility.

10) Inspection, Maintenance, and Reporting

A. Surface impoundments and disposal units are not utilized at this facility. However, weekly inspections are conducted on the diesel storage tank during fueling activities. The inspections consist of identification of leaks or spills, condition of hose and nozzle, contents of secondary containment, and volume within tank. Additionally, paint and thinner inspections are conducted during each use activity. This inspection consists of noting condition, number, and contents of containers, as well as condition of secondary containment area.

B. Groundwater monitoring is not utilized to detect leakage at this facility.

C. Secondary containment is inspected regularly and immediately cleaned when spills occur. Cleaning consists of dry removal of waste with floor dry or absorbent pads, or vacuum of liquid waste. Precipitation collected within secondary containment is visually inspected for contaminants and discharged if non identified. This procedure assures structural integrity of containers and tanks, as well as facilitates clean-up of spills. In the event that water indicates some form of contamination, Knight Oil Tools contracts Safety Kleen to remove and washout containment areas.

11) Spill Contingency Plan

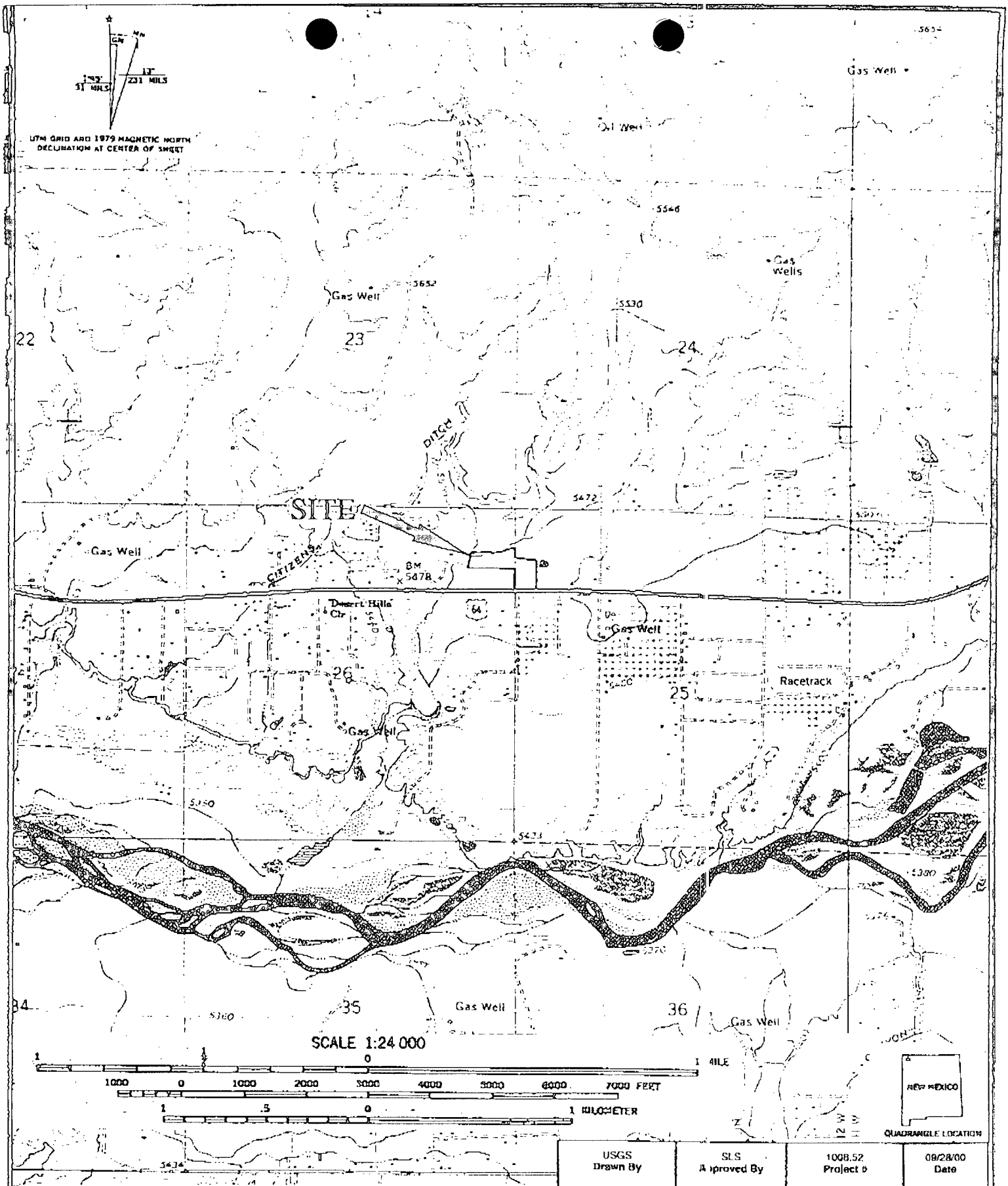
Spill Contingency Plan is enclosed in Appendix B.

12) Site Characteristics

Not applicable as instructed in the August 14, 2000 letter.

13) Other Compliance Information

There is no other available information to demonstrate compliance.



USGS	SLS	1008.52	09/28/00
Drawn By	Approved By	Project #	Date

Figure 1. Site Location Map of the Knight Oil Tools facility located at 5970 U. S. Highway 64 in Farmington, San Juan County, New Mexico. Source: USGS 7.5 Minute Series, Horn Canyon, New Mexico Quadrangle.

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
ENVIRONMENTAL CONSULTANTS
101 Credit Drive
Scott, LA 70583
(337) 261-1983

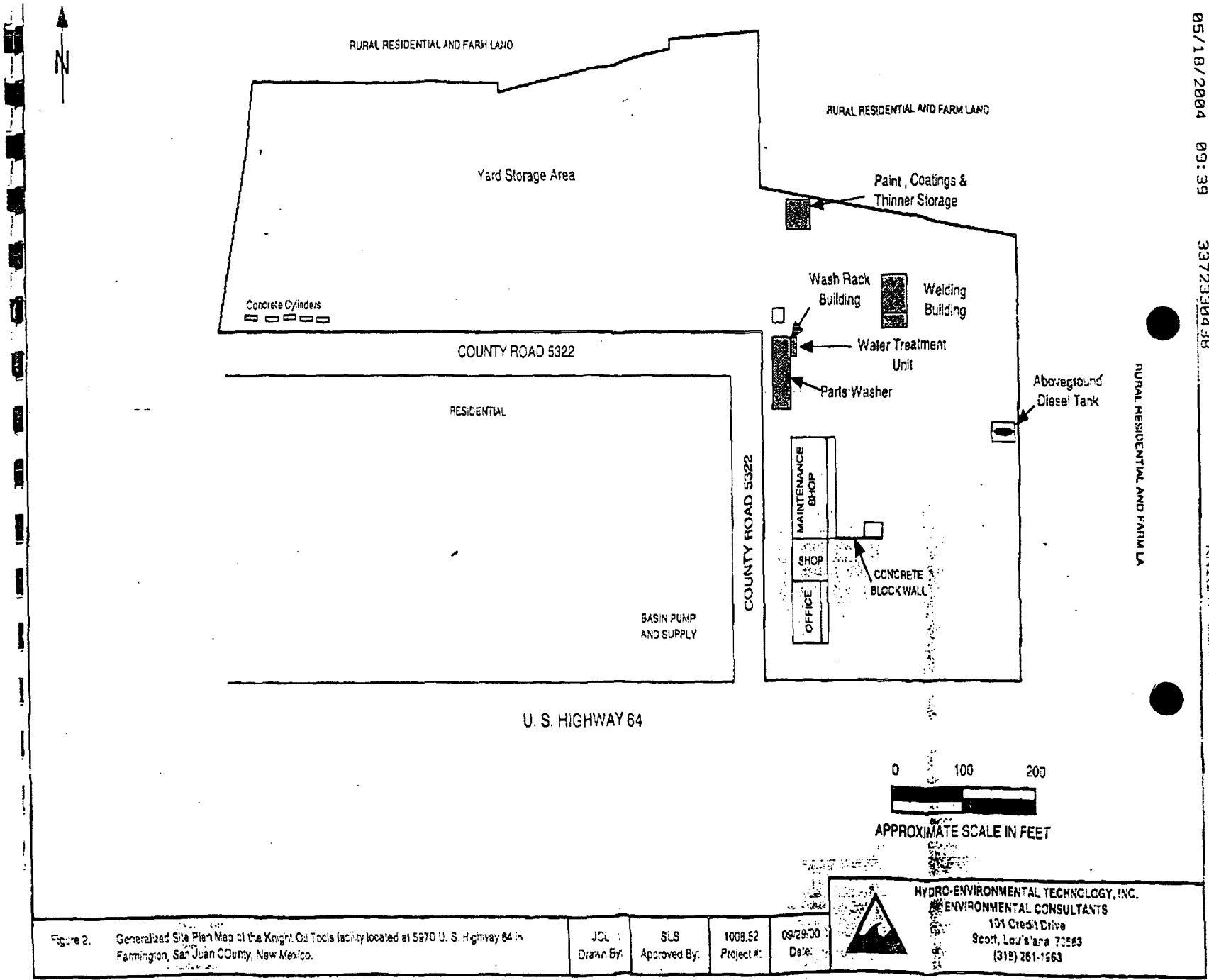


Figure 2. Generalized Site Plan Map of the Knight Oil Tools facility located at 5870 U. S. Highway 64 in Farmington, San Juan COunty, New Mexico.

APPENDIX B

SPILL CONTINGENCY PLAN

SPILL CONTINGENCY PLAN
Knight Oil Tools
5970 U. S. Highway 64
San Juan County, New Mexico

September 28, 2000

Prepared for

Mr. Mike Hamza
KNIGHT OIL TOOLS
P.O. Box 52688
Lafayette, Louisiana 70505
(337) 233-6666

Prepared by

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
101 Credit Drive
Scott, Louisiana 70583
(337) 261-1963

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(continued)

KNIGHT OIL TOOLS

POLICY STATEMENT

It is the policy of Knight Oil Tools that each and every one of our employees are entitled to work in a Safe and Healthy environment. To accomplish this, continued emphasis will be placed on Accident Prevention, Employee Health Protection, Protection of the Environment, and General Loss Control. Supervisors, Department Heads, and Employees at all levels of Knight Oil Tools work force are directed to protect the Environment and make Job Safety a matter equal in importance to all other company operations. Therefore, the control of these incidents will result in an efficient operation. The following guidelines are established to assist employees in the areas of Accident Prevention.

SCOPE

Pollution prevention and control is a responsibility shared by all employees at Knight Oil Tools. Our management is committed to emphasizing the importance of preventing accidents and controlling pollution of the environment. Everyone should be aware that the law provides severe penalties for failure to report a spill.

The following spill contingency plan covers all Knight Oil Tool activities. This plan will require modifications and revisions as the materials handling technology and available equipment indicate improvements. It will be reviewed annually and updated as required to reflect these changes.

I. PURPOSE AND IMPLEMENTATION

Knight Oil Tools has prepared a Spill Contingency Plan as required by the New Mexico Energy, Minerals and Natural Resources Department. This plan is designed to minimize hazards to human health and/or the environment from fires, explosions, or any unexpected releases of oils, hazardous waste, or hazardous waste constituents to the air, soil, or surface water.
This plan is to be implemented in the event of an emergency by Knight Oil Tools personnel and will be filed with the proper administrative authority (local fire and police departments, hospitals, and emergency response teams) upon approval.
All provisions of this plan must be carried out immediately whenever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents which affect the degree or type of possible emergency situation.
This plan shall be revised each time the facility operations are changed due to expansion, change in type or quantity of waste handled, or other changes which affect the degree or type of possible emergency situation.

II. CONTENTS OF THE CONTINGENCY PLAN

1. Describes the actions company personnel will take in response to fires, explosions, leaks, spills, or discharges of oils and hazardous wastes or hazardous substances.
2. Identifies the type and quantity of materials handled at the facility; spill preventive measures taken; and emergency response procedures.
3. Describes arrangements with the local police and fire departments, hospital, and state and local emergency response teams.
4. Designates an emergency coordinator and his responsibilities, and includes a comprehensive list of names, addresses, and phone numbers of key personnel.
5. Includes a list of emergency equipment and their locations, as depicted in the enclosed figure.
6. Includes an evacuation plan for facility personnel in case of fire. The evacuation plan is addressed in the Initial Emergency Response Procedures. The meeting places for evacuating personnel are indicated in the enclosed figure.

III. COPIES OF CONTINGENCY PLAN

This contingency plan has been submitted to the administrative authority for application, and upon approval, will become a condition of the issued permit.

A copy of the contingency plan and all revisions of the plan must be maintained at this facility, and additional copies should be submitted to all local police departments, fire departments, hospitals, and state and local response teams that may be called upon to provide emergency services.

Knight Oil Tools management is responsible for the accuracy of the plan related to regulatory issues, coordinating the distribution of the plan, and the preparation of any revisions to this plan.

A copy of this plan and any revisions will be:

a. maintained at the facility;

b. distributed by management to the New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division, 2040 South Pacheco Street - Santa Fe, New Mexico 87505, and

c. distributed by management to the following local facilities and emergency response team. The manager or his designee is responsible for ensuring the accuracy of the plan related to operational issues.

IV. AMENDMENTS OF CONTINGENCY PLAN

The contingency plan will be amended when one of the following occurs:

a. The facility regulatory status is revised.
b. The plan proves to be ineffective in an emergency.
c. The facility changes in its design, construction, operation, maintenance, or other circumstances in such a way that increases the potential for fires, explosions, or releases of hazardous waste constituents, or changes the response necessary in an emergency.
d. The list of emergency coordinators change, including phone numbers or addresses.
e. The list of contractors and local authorities change, including phone numbers and addresses.
f. The list of emergency equipment changes.
g. Storage capacity of fuel, oil, and hazardous materials increases (e.g., adding new tanks).

At a minimum, at least once every three years, there will be a review, an evaluation, and a re-certification of the plan. Portions of this plan, not affecting the overall scope or design, may be changed without re-certification.

INTRODUCTION

I. FACILITY DESCRIPTION

The Knight Oil Tools facility is located at 5970 U. S. Highway 64, San Juan County, New Mexico. The facility is an oil field rental tool service and storage facility. The enclosed Figure 1 is a location map of the facility. Figure 2 is a site plan map for the facility.

II. FACILITY DRAINAGE

As indicated in the enclosed site plan map the facility drains , indirectly to Bayou Boeuf, while drainage from the Houma yard flows directly to municipal storm drains.

III. MATERIAL AND WASTE INVENTORY

Knight Oil Tools facility currently manages the following types of materials on site:

a. New Materials

1. Paint
2. Paint Thinner
3. Pipe Coating
4. Diesel Fuel
5. Grease
6. Penetrant

b. Waste Materials

1. Wash Water Solids/Sludges
2. Wash Water

Diesel fuel is stored and transferred at this facility. This fuel is stored in an on-site 350-gallon aboveground storage tank located within secondary containment.

Paint, Paint Thinner, and Pipe Coating are utilized at this facility. The Knight Oil Tool policy for use is to use 100% of the material to avoid unnecessary disposal. If, however, disposal is necessary, the hauling and recycling/disposal is contracted to a third party contractor. Equipment and parts washing is conducted on-site in a designated area. This wash water is collected , treated, and reused and is never discharged. If, the wash water has been deemed un-usable, it will be picked up by a third party contractor and recycled/disposed.

For each of the materials mentioned above, Material Safety Data Sheets and/or chemical analyses are available in the office area of the facility and will provide information on the chemical hazards.

INSPECTION AND RECORD KEEPING

The purpose of this section is to institute procedures to ensure that areas where hazardous or potentially hazardous waste containers are stored are inspected at least once a week. Although this facility does not normally store these types of waste, this portion of the plan will be submitted for future use if necessary. Inspection will include looking for leaking containers and deterioration of the containers and the containment system. Additionally, procedures will be established to aid in record keeping as required. The requirements for record keeping include inventory records of useable product, waste product, and accumulation date. Upon disposal/recycling activities, records are filed, in addition to manifest copies of materials returned. These records are to be retained for a period of three years from the date of activity.

WEEKLY INSPECTION FORM

An example of a typical Weekly Inspection Form utilized by Knight Oil Tools is enclosed in Appendix A of this document.

INVENTORY RECORD KEEPING FORM

An example of a typical Inventory Record Keeping Form is enclosed in Appendix B of this document.

EMPLOYEE TRAINING

Facility personnel are required to successfully complete a program of on-the-job training that teaches the employee to perform his/her duties in a manner that ensures the facility's compliance.

The program is directed by the emergency coordinator, who is trained in hazardous waste management procedures. His instruction teaches facility personnel hazardous waste management procedures, including implementation of this plan.

Upon completion of the training, facility personnel are able to respond effectively to emergencies, including the following:

a. procedures for using, inspecting, repairing, and replacing facility emergency equipment;
b. use of communications systems,
c. response to fires or explosions,
d. response to potential groundwater contamination incidents, and
e. shutdown operations.

The facility personnel are trained in Hazard Communication, which enables them to respond effectively to emergencies by enacting emergency procedures, emergency equipment, and emergency communication systems. Personnel who handle, sample, or come in contact with oils or hazardous materials undergo basic training where pollution control is stressed. Spill prevention control procedures are thoroughly explained during training sessions. Items addressed during training sessions and meetings include hazardous waste identification procedures; station generation, and proper handling of hazardous waste and other toxic substances; proper storage, transportation, and disposal of hazardous waste.

All facility employees are trained at least once a year in accordance with Federal and State Hazardous Waste Regulations on spill contingency requirements. Training records on current employees will be kept until closure of the facility. Training records of former employees are kept for at least three (3) years from the date the employee last worked at the facility. Training records are maintained in the files located in the office.

Visitors will be given an orientation on safety and emergency procedures.

EMERGENCY PREPAREDNESS AND PREVENTION

I. Emergency Equipment

Knight Oil Tools facility is capable of responding immediately to an emergency on a 24-hour per day basis utilizing equipment described below.

There are fire extinguisher stations located strategically throughout this facility to respond to fires. Additional equipment is available for spill control and decontamination. Materials are stored within the main working area of the shop. Knight Oill Tools personnel are encouraged to clean-up manageable spills using dry recovery methods, such as floor dry and/or absorbent pads. If however a large spill occurs, vacuum trucks will be utilized to recover any waste materials released to water or soil. Upon filling of trucks, recovered material will be taken off-site for disposal Shovels can be used in constructing dams or ditches to stop or direct the flow of the spilled material. Additional empty drums are available in the Drum Storage Area to collect any released materials. The facility also maintains first aid kits. The first aid kits are located in the shop area and office.

II. Inspection and Maintenance of Equipment

Knight Oil Tools personnel routinely inspect and maintain the emergency equipment to ensure its proper operation. The phone system is used each manned operating day. The fire extinguishing equipment is inspected and serviced by a fire and safety company contracted to inspect every six (6) months or as needed.

III. Communications and Alarm Systems

In the event of a hazardous material spill, Knight Oil Tools personnel involved in the operation have immediate access to telephones, either directly or through visual or voice contact with another employee. The internal and external communication equipment consist of a phone system with an intercom. Telephones are located in the office and shop area. Additionally, hand-held radios are available. Evacuation orders are to be given by the Emergency Coordinator or designated individual, over the intercom system.

CONTINGENCY PLAN AND EMERGENCY PROCEDURES

Emergency response procedures have been developed for Knight Oil Tools facility to provide guidance in responding to fires, explosions, or any unanticipated release of fuel or hazardous waste or hazardous waste constituents to the air, soil, or surface waters.

I. RESPONSIBILITIES OF ON-SITE PERSONNEL

A. Initial Emergency Response Procedures

Any individual who observes a spill or any other imminent or actual emergency situation will:

a. Assess the situation to determine if it poses an immediate threat to human health or the environment.
b. In the event of a fire, follow fire procedures as defined in this plan.
c. Inform the Emergency Coordinator of the specifics of the situation.
d. In the event of a spill, follow spill response procedures.
e. Follow the instructions of the Emergency Coordinator.

If notification is given that an evacuation is necessary, all facility personnel will assemble in the emergency assembly area and upon command from the Emergency Coordinator, evacuate the facility via the primary evacuation route (through the main entrance) and await further instructions from the Emergency Coordinator. If direct access to the primary evacuation route is restricted by fire, spill, smoke, or vapor, facility personnel will evacuate the facility via the alternate evacuation route.

The Emergency Coordinator will:

a. Assess the situation to determine if the situation is an immediate threat to human health or the environment and requires assistance from off-site personnel.
b. If necessary, implement the facility evacuation plan.
c. If necessary, notify local fire department, law enforcement authority, or health authority as appropriate.
   Note: If in the event it is necessary to notify the fire department, law enforcement authority, or health authority, the following information should be provided.

   1. Name of the caller and callback number
   2. The exact location and nature of the incident
   3. The extent of personnel injuries and damage
   4. The extent of release
   5. The wind direction and approximate velocity
   6. The material involved and appropriate safety information
d. Assemble the required personnel and equipment and respond to the incident if there is no immediate threat to human health.
e. Sound the "All Clear" signal when the situation is remedied.

B. List of Emergency Coordinators

An Emergency Coordinator or Alternate is on the facility property or on call 24 hours per day. The Emergency Coordinator is thoroughly familiar with all aspects of the facility's Contingency Plan, all operations and activities at the facility, the locations and characteristics of all materials and wastes handled, the location of all records and emergency documents, and the facility layout. The Emergency Coordinator is responsible for assessing the situation, coordinating and directing response measures, and reporting to appropriate Knight Oil Tools personnel.

The Primary Emergency Coordinator for this Knight Oil Tools facility:

Primary Emergency Coordinator:
Store Manger
Dan Rogers (505) 326-4042

II. SPILL AND FIRE RESPONSE PROCEDURES

A. Spill Response Procedures

The following is a list of procedures to be followed in the event of a spill. The actual responses will depend on site-specific situations such as the type and magnitude of the spill.

a. Verbally notify Emergency Coordinator of the event.
b. Assemble personnel in the assembly area and evacuate the facility, if necessary.
c. If a drum or container or similar equipment is leaking or spilling, take necessary actions to stop spill.
d. Remove or restrict any potential ignition source from the area.
e. Barricade or isolate the area from unauthorized personnel.
f. Assemble the required response equipment such as protective clothing and gear, heavy equipment (forklift, loader, etc.), absorbent material, and empty drums.
g. Determine the most appropriate containment or diking method (construct a berm or ditch).

h. After the spill is contained, apply appropriate absorbent material to collect spill. Use absorbent pads to collect the liquids in emergency diking.

i. Remove all absorbed material or liquid contained by diking and package in UN-33 approved containers.

j. Affected soil surfaces should be barricaded and covered with an impermeable surface until the soil can be tested. All testing of soil will be conducted by a New Mexico Oil Conservation Division (NMOCD)approved contractor, by approved methods. If the soil is found to be contaminated, soil remediation will be conducted as per NMOCD directives.

k. To prevent contamination to surface water, the drainage ditches in the vicinity of the spill will be dammed.

l. Use rags and/or absorbents to remove excess spill material from equipment and package in UN-33 approved containers.

m. Label all containers with the type of waste and the start date of accumulation.

n. Transfer the containers to designated Hazardous Materials storage area.

o. Determine approximate quantity or volume of material recovered.

p. Transport all equipment used in cleanup operations to the designated decontamination area for inspection and decontamination.

q. Decontaminate all equipment used in cleanup by washing with soap and water within closed loop wash system.

r. Collect residual liquids from skimmer assemblies in approved containers and store in the designated storage area for subsequent recycling.

s. Store all equipment that cannot be decontaminated (absorbent pads) in approved containers for subsequent disposal.

t. Verbally notify all involved personnel that "All Is Clear" when the situation is remedied.

u. Replace all used materials and ensure all response equipment is in good working order.

v. Arrange with approved recycling/disposal facility for proper recycling/disposal of containers and waste material.

B. Explosion Procedures

In case of an explosion, all personnel shall evacuate the area, and all corrective actions will be left to the fire department or the sheriff's department.

C. Fire Response Procedures

The facility personnel have been instructed to try to extinguish any small fires that may be encountered with the hand held fire extinguishers. If they are unable to do so, they have been instructed to retreat to the assembly area and follow the instructions of the Emergency Coordinator. All major fire-fighting actions will be conducted by the fire department.

IV. RESPONSIBILITIES OF ON-SCENE INCIDENT COMMANDER

Upon receiving spill information from the Emergency Coordinator, or his designated alternate, a specified individual will immediately assume the role of On-Scene Incident Commander.

The duties of the On-Scene Incident Commander are to:

a. Obtain proper manpower and equipment.
b. Obtain necessary equipment for spill cleanup.
c. Coordinate disposal activities with Environmental Consultant.
a. Ensure proper labeling of containers.
e. Transfer containers of released materials to the hazardous waste storage area for temporary storage.

Upon receiving spill information from the Emergency Coordinator, the On-Scene Incident Commander will determine if the release requires reporting to regulatory agencies. Section 3.4 outlines the reporting requirements for fuel or hazardous material releases. If the On-Scene Incident Commander determines that the incident requires reporting, he will immediately notify appropriate regulatory agencies. This includes verbal notification, as well as written reports. In addition, the On-Scene Incident Commander will:

a. Coordinate all containment, clean up and decontamination activities.
b. Arrange for waste transport to an approved disposal facility within the applicable federal and state regulatory requirements.

Once the incident has been cleaned up, the On-Scene Incident Commander will be responsible for notifying the Department Administrative Authority and other appropriate state and local authorities, as necessary, that there were no incompatible wastes treated, stored, or disposed of from the facility until cleanup procedures were completed. Also, he must notify the authorities as appropriate that all of the emergency equipment listed in the contingency plan has been decontaminated.

V. NOTIFICATION AND REPORTING PROCEDURES

RULE 116 COMMITTEE PROPOSED REPLACEMENT RULE 116 FOR CURRENT RULE 116

116 Unauthorized Release Notification and Corrective Action

116.A. Notification: The Division shall be notified of any unauthorized release occurring during the drilling, producing, storing, disposing, injecting, transporting, servicing or processing of crude oil, produced water, condensate or oil field waste including regulated NORM, or other oil field related chemicals, contaminants or mixture thereof, in the state of New Mexico in accordance with the requirements of this rule. (1-1-50...-96)

116.B Reporting Requirements: Notification of an unauthorized release as defined in Rule A.7 shall be made by the person operating or controlling either the release or the location of the release in accordance with the following requirements:

a. A Category I release shall be reported by giving both immediate verbal notice and timely written notice pursuant to Subsection C(1) and C(2) of this Rule. For purpose of this Rule, a Category I Release is either:

(a) a release of a volume in excess of 25 barrels; or

(b) A release of any volume, excluding natural gas, which:

(i) results in a fire;

(ii) will reach a water course;

(iii) may with reasonable probability endanger public health; or

(iv) results in substantial damage to property or the environment. [-96]

2. A Category II Release shall be reported by giving immediate verbal notice pursuant to Subsection C (1) of this Rule. For purpose of this Rule, a Category II Release is a release of any volume of natural gas, which:

   (a) results in a fire;

   (b) may with reasonable probability endanger public health; or

   (c) result in substantial damage to property of the environment. [- - 96]

3. A Category III release shall be reported by giving timely written notice pursuant to Subsection C(2) of this Rule. For the purpose of this Rule, a Category III Release is a release of a volume, excluding natural gas, greater than 5 barrels but not more than 25 barrels. [- - 96]

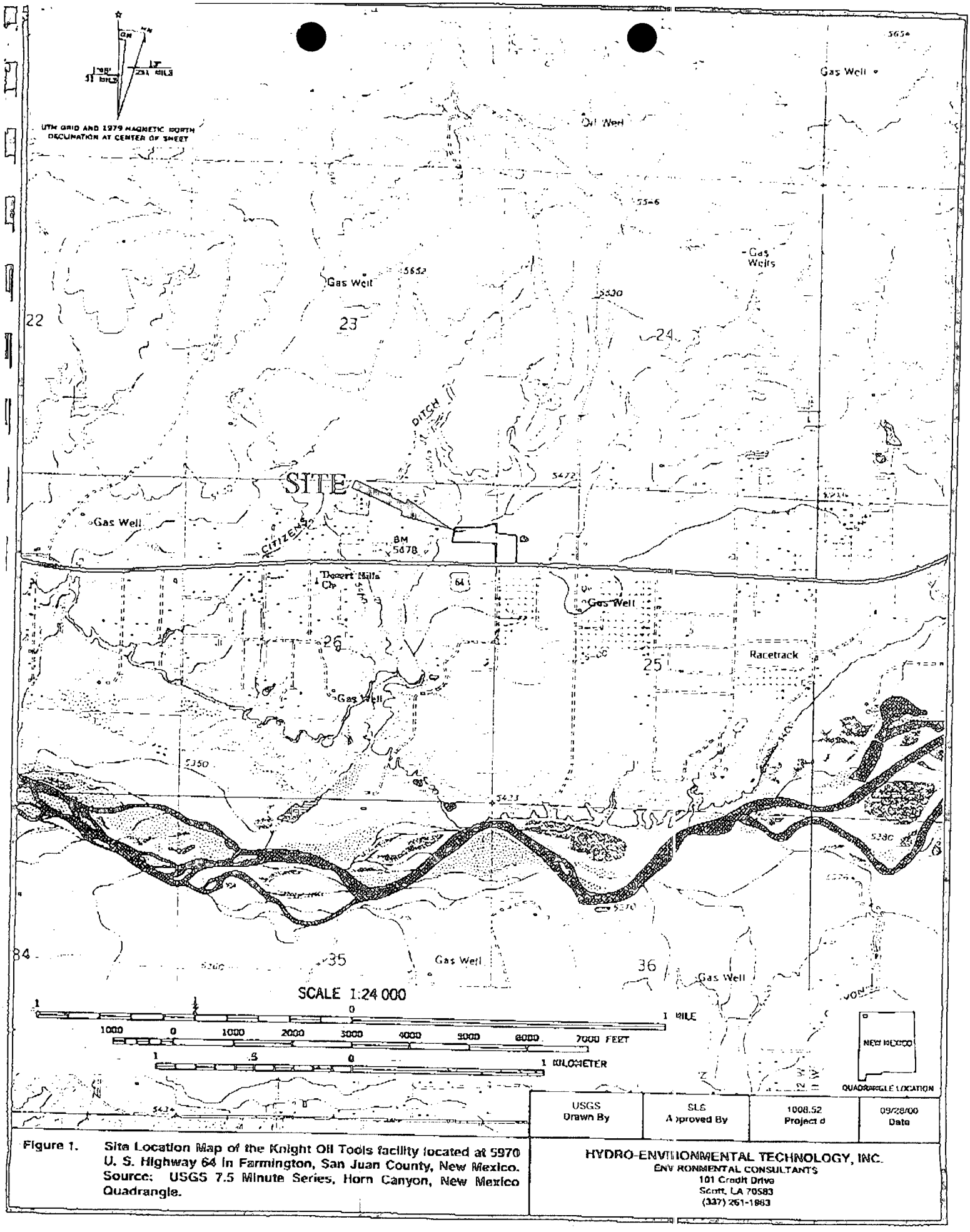
116.C. Contents of Notification

1. Immediate verbal notification is required to be reported pursuant to Subsection B of Rule 116 shall be reported within twenty-four (24) hours of discovery to the District Office of the Division for the area within which this release takes place. This notification shall include the identification of the location of the release by quarter-quarter section, township and range; by distance and direction from the nearest town or landmark; the nature and estimated quantity of the loss and general conditions prevailing in the area; and any mitigation or corrective action being taken. [5-22-73... - - 96]

2. Timely written notification is required to be reported pursuant to Subsection B of Rule 116 with fifteen (15) days to the District Office of the Division for the area within which this release takes place by completing and filing Division Form C-141. [5-22-73...- -96]

116.D. Corrective Action: The responsible person must complete Division approved corrective action for unauthorized releases which endanger public health or the environment. Releases will be addressed in accordance with a remediation plan submitted to and approved by the Division or with an Abatement Plan submitted in accordance with Rule 19 (19 NMAC 15.A.19). [- - 96]

FIGURES



USGS	SLS	1008.52	09/28/00
Drawn By	Approved By	Project #	Date

Figure 1. Site Location Map of the Knight Oil Tools facility located at 5970 U. S. Highway 64 in Farmington, San Juan County, New Mexico. Source: USGS 7.5 Minute Series, Horn Canyon, New Mexico Quadrangle.

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
ENVIRONMENTAL CONSULTANTS
101 Credit Drive
Scott, LA 70583
(337) 261-1863

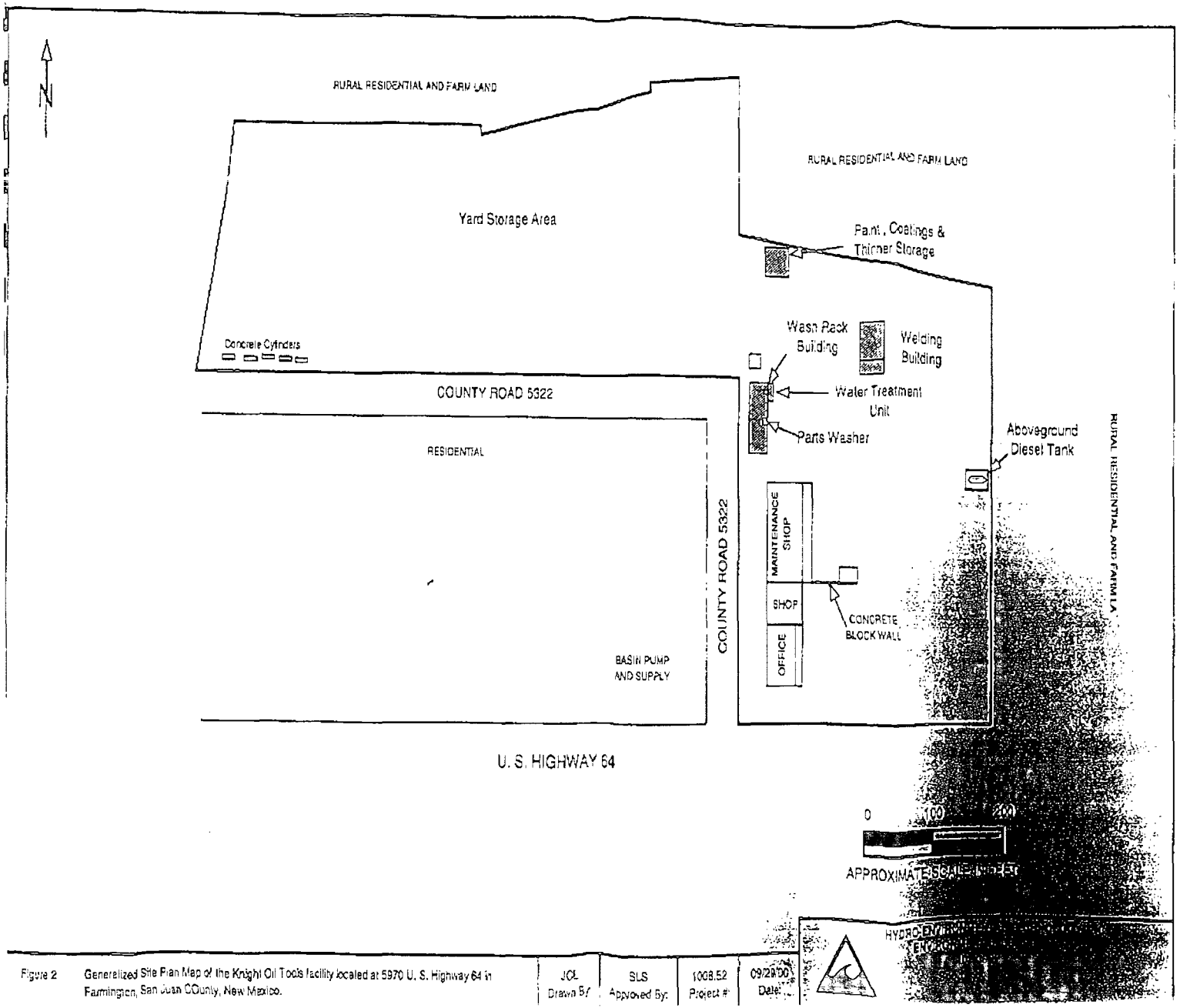


Figure 2 Generalized Site Plan Map of the Knight Oil Tools facility located at 5970 U. S. Highway 64 in Farmington, San Juan COunty, New Mexico.

JCL	SLS	1008.52	09/29/00
Drawn By:	Approved By:	Project #	Date:

APPENDIX A

APPENDIX B

ATTACHMENT TO THE DISCHARGE PLAN GW-158 APPROVAL
Knight Oil Tools, Farmington Service Yard
DISCHARGE PLAN APPROVAL CONDITIONS
November 15, 2000

1. Payment of Discharge Plan Fees: . The OCD has received the $50.00 filing and $690.00 flat fee.

2. Commitments: Knight Oil Tools will abide by all commitments submitted in the discharge plan renewal application dated September 09, 2000 including attachments, and these conditions for approval.

3. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. 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 must also be stored on an impermeable pad with curbing.

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 within the berm.

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. Labeling: All tanks, drums, and other containers should be clearly labeled to identify their contents and other emergency information necessary if the tank were to rupture, spill, or ignite.

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 must be tested to demonstrate their mechanical integrity no later than November 15, 2001 and every year from tested date, thereafter. Permittees may propose various methods for testing such as 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. The test results will be submitted to OCD by December 31, 2001.

9. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity no later than November 15, 2001 and every 5 years, from tested date, thereafter. Permittees 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. The test results will be submitted to OCD by December 31, 2001.

10. Class V Wells: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be approved for construction and/or operation 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.

11. Housekeeping: All systems designed for spill collection/prevention, and leak detection will be inspected daily to ensure proper operation and to prevent over topping or system failure. All spill collection and/or secondary containment devices will be emptied of fluids within 48 hours of discovery.

12. Spill Reporting: All spills/releases shall be reported pursuant to OCD Rule 116. and WQCC 1203. to the OCD Aztec District Office.

13. Waste Disposal: 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.

14. OCD Inspections: Additional requirements may be placed on the facility based upon results from OCD inspections.

15. Storm Water Plan: Knight Oil Tools will submit a storm water run-off plan for OCD approval by December 31, 2001.

16. 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.

17. 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.

18. Certification: **Knight Oil Tools** by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. **Knight Oil Tools** 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.

Conditions accepted by: **Knight Oil Tools**

MIKE HAMZA
Company Representative- print name

Mike Hamza Date 12/1/00
Company Representative- Sign

Title VICE PRESIDENT - FINANCE

NEW MEXICO ENERGY, MINERALS and
NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

November 15, 2000

CERTIFIED MAIL
RETURN RECEIPT NO. 5051 4546

Mr. Mike Hamza
Knight Oil Tools
P.O. Box 52688
Lafayette, Louisiana 70505

RE: Discharge Plan GW-158
5970 US Highway 64
San Juan County, New Mexico

Dear Mr. Hamza:

The groundwater discharge plan application GW-158 for the Knight Oil Tools Service Yard located in the NW/4 of Section 25 and NE/4 of Section 26, Township 29 North, Range 12 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 10 working days of receipt of this letter.**

The discharge plan application dated September 28, 2000 including attachments, submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations also includes all earlier applications and all conditions later placed on those approvals.

The discharge plan is renewed pursuant to Section 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 Knight Oil Tools of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does it relieve Knight Oil Tools of its responsibility to comply with any other governmental authority's rules and regulations. Please be advised that all exposed pits, including lined pits and open top 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 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., Knight Oil Tools 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.

Pursuant to Section 3109.H.4., this approval is for a period of five years. **This approval will expire May 31, 2004** and an application for renewal should be submitted in ample time before that date. Pursuant to 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 plans for, or the results of, an underground drainage testing program as a requirement for discharge plan renewal.

The discharge plan application for the Knight Oil Tools, Farmington Service Yard is subject to the WQCC Regulation 3114. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of $50 plus a renewal flat fee of $690.00 for Oilfield Service Company facilities. The OCD has received the $50.00 filing and $690.00 flat fee.

If you have any questions, please contact Wayne Price of my staff at (505-827-7155). 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
Environmental Bureau Chief

RCA/lwp
Attachment-1
xc: OCD Aztec Office

ATTACHMENT TO THE DISCHARGE PLAN GW-158 APPROVAL
Knight Oil Tools, Farmington Service Yard
DISCHARGE PLAN APPROVAL CONDITIONS
November 15, 2000

1. Payment of Discharge Plan Fees: . The OCD has received the $50.00 filing and $690.00 flat fee.

2. Commitments: Knight Oil Tools will abide by all commitments submitted in the discharge plan renewal application dated September 09, 2000 including attachments, and these conditions for approval.

3. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. 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 must also be stored on an impermeable pad with curbing.

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 within the berm.

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. Labeling: All tanks, drums, and other containers should be clearly labeled to identify their contents and other emergency information necessary if the tank were to rupture, spill, or ignite.

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 must be tested to demonstrate their mechanical integrity no later than November 15, 2001 and every year from tested date, thereafter. Permittees may propose various methods for testing such as 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. The test results will be submitted to OCD by December 31, 2001.

9. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity no later than November 15, 2001 and every 5 years, from tested date, thereafter. Permittees 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. The test results will be submitted to OCD by December 31, 2001.

10. Class V Wells: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be approved for construction and/or operation 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.

11. Housekeeping: All systems designed for spill collection/prevention, and leak detection will be inspected daily to ensure proper operation and to prevent over topping or system failure. All spill collection and/or secondary containment devices will be emptied of fluids within 48 hours of discovery.

12. Spill Reporting: All spills/releases shall be reported pursuant to OCD Rule 116. and WQCC 1203. to the OCD Aztec District Office.

13. Waste Disposal: 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.

14. OCD Inspections: Additional requirements may be placed on the facility based upon results from OCD inspections.

15. Storm Water Plan: Knight Oil Tools will submit a storm water run-off plan for OCD approval by December 31, 2001.

16. 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.

17. 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.

18. Certification: **Knight Oil Tools** by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. **Knight Oil Tools** 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.

Conditions accepted by: **Knight Oil Tools**

_____
Company Representative- print name

_____Date_____
Company Representative- Sign

Title_____

DRAFT

ATTACHMENT TO THE DISCHARGE PLAN GW-158 APPROVAL
Knight Oil Tools (GW-158)
DISCHARGE PLAN APPROVAL CONDITIONS
March 28, 2000

1. Payment of Discharge Plan Fees: The $50.00 filing fee has been received by OCD. The $1380.00 (or $690.00 if renewal) 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. Commitments: Knight Oil Tools will abide by all commitments submitted in the discharge plan application dated XXXXXXXXXX and these conditions for approval.

3. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. 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 must also be stored on an impermeable pad with curbing.

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 within the berm.

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. Labeling: All tanks, drums, and other containers should be clearly labeled to identify their contents and other emergency information necessary if the tank were to rupture, spill, or ignite.

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 must be tested to demonstrate their mechanical integrity no later than May 30, 2000 and every year from tested date, thereafter. Permittees may propose various methods for

testing such as 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. The test results will be submitted to OCD by June 30, 2000.

9. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity no later than May 30, 2000 and every 5 years, from tested date, thereafter. Permittees 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. The test results will be submitted to OCD by June 30, 2000.

10. Class V Wells: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be approved for construction and/or operation 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.

11. Housekeeping: All systems designed for spill collection/prevention, and leak detection will be inspected daily to ensure proper operation and to prevent overtopping or system failure.

12. Spill Reporting: All spills/releases shall be reported pursuant to OCD Rule 116. and WQCC 1203. to the OCD Aztec District Office.

13. Waste Disposal: 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.

14. 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.

15. 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.

16. OCD Inspections: Additional requirements may be placed on the facility based upon results from OCD inspections.

17. Storm Water Plan: The facility will have an approved storm water run-off plan.

18. Conditions accepted by: **Knight Oil Tools** by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. **Knight Oil Tools** 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.

Knight Oil Tools

Print Name: MARK KNIGHT

Signature: _____

Title: VICE PRESIDENT

Date: 6/2/00

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

May 31, 1994

CERTIFIED MAIL
RETURN RECEIPT NO. P-176-012-221

William T. Breadmont
Pioneer Contracting Company, Inc.
5970 U.S. Hwy. 64
Farmington, New Mexico 87401

Re: Discharge Plan (GW-158)
Pioneer Contracting Company, Inc. Facility
San Juan County, New Mexico

Dear Mr. Breadmont:

The groundwater discharge plan GW-158 for the Pioneer Contracting Company, Inc. service facility located at 5970 U.U. Highway 64, San Juan County, New Mexico **is hereby approved** under the conditions contained in the enclosed attachment. The discharge plan consists of the application dated March 23, 1994.

The discharge plan was submitted pursuant to section 3-106 of the Water Quality Control Commission Regulations. It is approved pursuant to section 3-109.A.. Please note Section 3-109.F., which provides for possible future amendment of the plan. Please be advised that approval of this plan does not relieve you of liability should your operation result in actual pollution of surface or ground waters or the environment which may be actionable under other laws and/or regulations.

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

Please note that section 3-104 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 3-107.C. you are 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.

Pursuant to Section 3-109.G.4., this approval is for a period of five years. This approval will expire May 31, 1999 and you should submit an application for renewal in ample time before that date.

The discharge plan application for the LPioneer Contracting Company, Inc. service facility is subject to the WQCC Regulation 3-114 discharge plan fee. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of fifty (50) dollars plus a flat rate of thirteen-hundred eighty (1380) dollars for service company facilities.

The OCD has received your $50 filing fee. The flat fee for an approved discharge plan may be 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/cee
Attachment

xc: OCD Aztec office

ATTACHMENT TO THE DISCHARGE PLAN GW-163 APPROVAL
PIONEER CONTRACTING COMPANY, INC.
SERVICE FACILITY
DISCHARGE PLAN REQUIREMENTS
(April 29, 1994)

1. Drum Storage: All drums will be stored on pad and curb type containment.

2. Sump Inspection: All existing sumps will be cleaned out and inspected annually to ensure mechanical integrity. Any new sumps or below-grade tanks will incorporate leak detection in their designs.

3. Berms: All tanks that contain materials other than freshwater will be bermed to contain one and one-third (1-1/3) the capacity of the largest tank within the berm or one and one-third (1-1/3) the total capacity of all interconnected tanks.

4. Pressure testing: All discharge plan facilities are required to pressure test all underground piping at the time of discharge plan renewal. All new underground piping shall be designed and installed to allow for isolation and pressure testing at 3 psi above normal operating pressure.

5. Spills: All spills and/or leaks will be reported to the OCD district office pursuant to WQCC Rule 1-203 and OCD Rule 116.

6. OCD Inspection: Additional requirements may be placed on the facility based upon results from OCD inspections.