

GW - 217

# GENERAL CORRESPONDENCE

YEAR(S):

2007-1995



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

July 19, 2007

Stewart J. Peterson  
Vice-President  
Aztec Well Servicing Company  
P.O. Box 100  
Aztec, New Mexico 87410

Re: Discharge Permit GW-217  
Aztec Well Servicing Company Shop and Yard

Dear Mr. Peterson:

Pursuant to Water Quality Control Commission (WQCC) Regulations 20.6.2.3000 - 20.6.2.3114 NMAC, the Oil Conservation Division (OCD) hereby approves the discharge permit for the Aztec Well Servicing Company (owner/operator) Aztec Well Servicing Company Shop and Yard, GW-217, located in the SW/4 of the SW/4 of Section 16, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico, under the conditions specified in the enclosed **Attachment To The Discharge Permit**. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 30 working days of receipt of this letter including permit fees.**

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

If you have any questions, please contact Edward J. Hansen of my staff at (505-476-3489) or e-mail [edwardj.hansen@state.nm.us](mailto:edwardj.hansen@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

LWP/ejh

Attachments-1

xc: OCD District Office

**ATTACHMENT TO THE DISCHARGE PERMIT RENEWAL**  
**Aztec Well Servicing Company Shop and Yard (GW-217)**  
**DISCHARGE PERMIT APPROVAL CONDITIONS**  
**July 19, 2007**

**Please remit a check for \$1700.00 made payable to Water Quality Management Fund:**

**Water Quality Management Fund**  
**C/o: Oil Conservation Division**  
**1220 S. Saint Francis Drive**  
**Santa Fe, New Mexico 87505**

- 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 renewal flat fee (*see* WQCC Regulation 20.6.2.3114 NMAC). The Oil Conservation Division ("OCD") has received the required \$100.00 filing fee. However, the owner/operator still owes the required \$1700.00 renewal permit fee for an oil and gas service company.
- 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 November 6, 2010** 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, NMSA1978} 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 May 31, 2007 discharge plan renewal 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 Rule 712 Waste:** Pursuant to OCD Rule 712 (19.15.9.712 NMAC) disposal of certain non-domestic waste without notification to the OCD is allowed at NMED permitted solid waste facilities if the waste stream has been identified in the discharge permit and existing process knowledge of the waste stream does not change.

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**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:** The owner/operator shall notify the OCD when operations of the facility are to be discontinued for a period in excess of six months. Prior to closure of the facility, the operator shall submit a closure plan for approval. Closure and waste disposal shall be in accordance with the statutes, rules and regulations in effect at the time of closure.

Stewart J. Peterson

GW-217

July 19, 2007

Page 7 of 7

**23. Certification:** **Aztec Well Servicing Company, (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: \_\_\_\_\_

THE SANTA FE  
**NEW MEXICAN**  
Founded 1849

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JUN 22 2007

Office of the Secretary of State  
Notary Public Commission

NM EMNRD OIL CONSERV  
EDWARD HANSEN  
1220 S ST FRANCIS DR  
SANTA FE NM 87505

ALTERNATE ACCOUNT: 56689  
AD NUMBER: 00218828 ACCOUNT: 00002212  
LEGAL NO: 81122 P.O. #: 52100-00000039  
486 LINES 1 TIME(S) 272.16  
AFFIDAVIT: 6.00  
TAX: 21.21  
TOTAL: 299.37

6/29/07  
check pay  
for  
20 Hansen

**AFFIDAVIT OF PUBLICATION**

STATE OF NEW MEXICO  
COUNTY OF SANTA FE

I, T. Valencia, being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 81122 a copy of which is hereto attached was published in said newspaper 1 day(s) between 06/19/2007 and 06/19/2007 and that the notice was published in the newspaper proper and not in any supplement; the first date of publication being on the 19th day of June, 2007 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/

*[Signature]*  
LEGAL ADVERTISEMENT REPRESENTATIVE

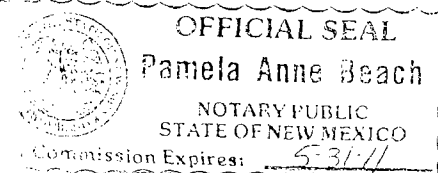
Subscribed and sworn to before me on this 19th day of June, 2007

Notary

*Pamela Anne Beach*

Commission Expires:

*May 31, 2011*



**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 renewal application 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:

(GW252) Rotary Wire Line Service, Inc., Vickey D. Welborn, President, P.O. Box 7735, Hobbs, New Mexico 88241, has submitted a renewal application for the previously approved discharge plan (GW-252) for their shop and yard located in the NE/4 of the NE/4 of Section 5, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico (3705 West Marand, Hobbs, New Mexico). Approximately 840 gallons of wash-down water, 42 gallons of used oil, 5 used oil filters, and 10 empty cans are generated on site annually, which are collected and temporarily stored in containment vessels prior to transport and disposal at an NMOCD-approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 55 feet below ground surface, with a total dissolved solids concentration of approximately 200 to 800 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.

(GW236) Pate Trucking Co., Inc., Tom Bullard, Manager, 3800 South Eunice Highway, Hobbs, New Mexico 88241, has submitted a renewal application for the previously approved discharge plan (GW-236) for their office, shop and yard located in the NW/4 of the SW/4 of Section 14, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 20 barrels of exterior wash-down water and solids, 55 gallons of used oil, 30 used oil filters, and 1 barrel of tank residues are generated on site monthly, which are disposed at an NMOCD-approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 50 to 60 feet below ground surface, with a total dissolved solids concentration of approximately 150 to 200 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.

(GW217) Aztec Well Servicing Company, Jason Sandel, Vice-President, P.O. Box 100, Aztec, New Mexico 87410, has submitted a renewal application for the previously approved discharge plan (GW-217) for their shop and yard located in the SW/4 of the SW/4 of Section 16, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico (approximately 1 mile south of Aztec, New Mexico). Approximately 2,000 gallons

of wash-down water, 20,000 gallons of used oil, 3,000 used oil filters, 300 used vehicle batteries and 300 empty barrels, 240 used tires, and 250 empty paint cans are generated on site annually, which are collected and temporarily stored in containment vessels prior to transport and disposal at an NMOCD-approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 30 to 90 feet below ground surface, with a total dissolved solids concentration of approximately 200 to 2000 mg/L. The discharge plan addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

The NMOCD has determined that the application is administratively complete and has prepared a draft permit. The NMOCD will accept comments and statements of interest regarding this application and will create a facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list for future notices may contact the Environmental Bureau Chief of the Oil Con-

servation 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, sírvase 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. Conservación Del Petróleo), 1220 South St. Francis Drive, Santa Fe, New Mexico (Contacto: Dorothy Phillips, 505-476-3461)

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 18th day of June, 2007.

STATE OF  
NEW MEXICO  
OIL CONSERVATION  
DIVISION

SEAL

Mark Fesmire,  
Director

Legal #81122  
Pub. June 19, 2007

# AFFIDAVIT OF PUBLICATION

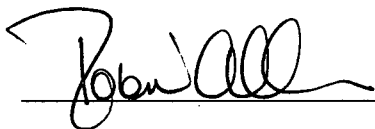
Ad No. 55281

## STATE OF NEW MEXICO County of San Juan:

ROBIN ALLISON, being duly sworn says:  
That she is the CLASSIFIED MANAGER of  
THE DAILY TIMES, a daily newspaper of  
general circulation published in English at  
Farmington, said county and state, and that  
the hereto attached Legal Notice was  
published in a regular and entire issue of the  
said DAILY TIMES, a daily newspaper duly  
qualified for the purpose within the meaning of  
Chapter 167 of the 1937 Session Laws of the  
State of New Mexico for publication and  
appeared in the Internet at The Daily Times  
web site on the following day(s):

Sunday, June 17, 2007

And the cost of the publication is \$158.94



ON 6/19/07 ROBIN ALLISON  
appeared before me, whom I know personally  
to be the person who signed the above  
document.

  
My Commission Expires November 17, 2008

### COPY OF PUBLICATION 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 renewal application 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:

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GIVEN under the Seal of New Mexico Oil Conservation Commission, at Santa Fe, New Mexico, on this 18th day of June, 2007.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION  
Mark Fesmire, Director

SEAL

Legal No. 55281 published in The Daily Times, Farmington, New Mexico on Sunday June 17, 2007

THE  
**DAILY TIMES**  
FARMINGTON, NEW MEXICO

THE FOUR CORNERS INFORMATION LEADER

P0 Box 450 Farmington, NM 87499

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2007 JUN 25 PM 12 31

Date: 06/18/07

NM ENERGY, MINERALS & NATURA

NM ENERGY, MINERALS & NA

1220 SOUTH ST. FRANCIS DR.

SANTA FE, NM87505

(505) 476-3400

*Why 2 identical Public Notices?*

Ad#	Publication	Class	Start	Stop	Times	AS/400 Acct
1000717893	FARMINGTO	0152 - Legal Notices	06/17/2007	06/17/2007	1	780352
1000717893	FARMINGTO	0152 - Legal Notices	06/17/2007	06/17/2007	1	780352
Total Cost:						\$158.94
Payment:						\$0.00
Balance Due:						\$158.94

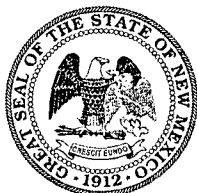
TEXT:

NOTICE OF PUBLICATIONSTATE OF NEW MEXICOENERGY, MINERALS AND NAT

*6/29/07  
ok to pay  
done  
Erin  
R  
Ed Benson*

Please include Ad number on your payment.





# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

July 16, 2007

Stewart J. Peterson  
Vice-President  
Aztec Well Servicing Company  
P.O. Box 100  
Aztec, New Mexico 87410

Re: Discharge Permit GW-217 **DRAFT**  
Aztec Well Servicing Company Shop and Yard

Dear Mr. Peterson:

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If you have any questions, please contact Edward J. Hansen of my staff at (505-476-3489) or e-mail [edwardj.hansen@state.nm.us](mailto:edwardj.hansen@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

LWP/ejh  
Attachments-1  
xc: OCD District Office

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**July 16, 2007**

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**1220 S. Saint Francis Drive**  
**Santa Fe, New Mexico 87505**

- 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 renewal flat fee (*see* WQCC Regulation 20.6.2.3114 NMAC). The Oil Conservation Division ("OCD") has received the required \$100.00 filing fee. However, the owner/operator still owes the required \$1700.00 renewal permit fee for an oil and gas service company.
- 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 November 6, 2010** 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, NMSA1978} 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 May 31, 2007 discharge plan renewal 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 Rule 712 Waste:** Pursuant to OCD Rule 712 (19.15.9.712 NMAC) disposal of certain non-domestic waste without notification to the OCD is allowed at NMED permitted solid waste facilities if the waste stream has been identified in the discharge permit and existing process knowledge of the waste stream does not change.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**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:** The owner/operator shall notify the OCD when operations of the facility are to be discontinued for a period in excess of six months. Prior to closure of the facility, the operator shall submit a closure plan for approval. Closure and waste disposal shall be in accordance with the statutes, rules and regulations in effect at the time of closure.

**23. Certification: Aztec Well Servicing Company, (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: \_\_\_\_\_

NEW MEXICO  
NATURAL RESOURCES AND  
ENVIRONMENTAL DEPARTMENT  
SAINT FRANCIS DRIVE  
SANTA FE, NEW MEXICO 87505

State Historic Preservation Officer  
228 East Palace Avenue  
Villa Rivera Room 101  
Santa Fe, NM 87503

PN for GW217  
GW236  
GW252  
Mailed

6-13-07

E

NEW MEXICO  
NATURAL RESOURCES AND  
ENVIRONMENTAL DEPARTMENT  
SAINT FRANCIS DRIVE  
SANTA FE, NEW MEXICO 87505

Dr. Harry Bishara  
P. O. Box 748  
Cuba, NM 87013

Field Supervisor  
US Fish & Wildlife Service  
2105 Osuna Road, Northeast  
Albuquerque, NM 87113-1001



**Hansen, Edward J., EMNRD**

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**From:** Hansen, Edward J., EMNRD  
**Sent:** Wednesday, June 13, 2007 12:02 PM  
**To:** Thompson, Bruce C., DGF; Shendo, Benny, DIA; 'ddapr@nmda.nmsu.edu';  
'Linda\_Rundell@nm.blm.gov'; 'sthompson@ago.state.nm.us'; 'r@rthicksconsult.com';  
'sricdon@earthlink.net'; 'nmparks@state.nm.us'; Dantonio, John, OSE;  
'seligman@nmoga.org'; Martinez, Elysia, NMENV; 'lwa@lwasf.com';  
'lazarus@glorietageo.com'; Stone, Marissa, NMENV; 'ron.dutton@xcelenergy.com';  
'cgarcia@fs.fed.us'; 'jbarnett@barnettwater.com'; Bearzi, James, NMENV;  
'mschulz@theitgroup.com'; 'bsg@garbhall.com'; 'jcc\_crb@pacbell.net'; Olson, Bill, NMENV;  
'claudette.horn@pnm.com'; 'ekendrick@montand.com'; 'ken@carihobbs.com'  
**Subject:** GW252, GW236, GW217: Public Notice for Renewal of Discharge Permits  
**Attachments:** GW252-236-217PermitNotice6\_13\_2007.pdf

6/13/2007

## **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 renewal application 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:

**(GW252) Rotary Wire Line Service, Inc., Mickey D. Welborn, President, P.O. Box 2735, Hobbs, New Mexico 88241, has submitted a renewal application for the previously approved discharge plan (GW-252) for their shop and yard located in the NE/4 of the NE/4 of Section 5, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico (3705 West Marland, Hobbs, New Mexico). Approximately 840 gallons of wash-down water, 42 gallons of used oil, 5 used oil filters, and 10 empty cans are generated on site annually, which are collected and temporarily stored in containment vessels prior to transport and disposal at an NMOCD-approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 55 feet below ground surface, with a total dissolved solids concentration of approximately 200 to 800 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.**

**(GW236) Pate Trucking Co., Inc., Tom Bullard, Manager, 3800 South Eunice Highway, Hobbs, New Mexico 88241, has submitted a renewal application for the previously approved discharge plan (GW-236) for their office, shop and yard located in the NW/4 of the SW/4 of Section 14, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 20 barrels of exterior wash-down water and solids, 55 gallons of used oil, 30 used oil filters, and 1 barrel of tank residues are generated on site monthly, which are disposed at an NMOCD-approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 50 to 60 feet below ground surface, with a total dissolved solids concentration of approximately 150 to 200 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.**

**(GW217) Aztec Well Servicing Company, Jason Sandel, Vice-President, P.O. Box 100, Aztec, New Mexico 87410, has submitted a renewal application for the previously approved discharge plan (GW-217) for their shop and yard located in the SW/4 of the SW/4 of Section 16, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico (approximately ½ mile south of Aztec, New Mexico). Approximately 2,000 gallons of wash-down water, 20,000 gallons of used oil, 3,000 used oil filters, 300 used vehicle batteries and 300 empty barrels, 240 used tires, and 250 empty paint cans are generated on site annually, which are collected and temporarily stored in containment vessels prior to transport and disposal at an NMOCD-approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 30 to 90 feet below ground surface, with a total dissolved solids concentration of approximately 200 to 2000 mg/L. The discharge plan addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.**

The NMOCD has determined that the application is administratively complete and has prepared a draft permit. The NMOCD will accept comments and statements of interest regarding this application and will create a facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list for future notices may contact the Environmental Bureau Chief of the Oil Conservation Division at the address given above. The administrative completeness determination and draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or may also be viewed at the NMOCD web site <http://www.emnrd.state.nm.us/oecd/>. 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 18<sup>th</sup> day of June, 2007.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

S E A L

Mark Fesmire, Director

**Hansen, Edward J., EMNRD**

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**From:** Hansen, Edward J., EMNRD  
**Sent:** Wednesday, June 13, 2007 12:14 PM  
**To:** 'Legals'  
**Subject:** RE: GW252 - GW236 - GW217 Public Notice - SF New Mexican

Tracy,  
Thanks for the heads-up.

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**From:** Legals [mailto:legals@sfnewmexican.com]  
**Sent:** Wednesday, June 13, 2007 11:29 AM  
**To:** Hansen, Edward J., EMNRD  
**Subject:** Re: GW252 - GW236 - GW217 Public Notice - SF New Mexican

I have scheduled this ad to publish on June 19th.

Thank you,

Tracy Valencia  
Santa Fe New Mexican  
Legal Advertising  
Direct (505) 986-3071  
Fax (505) 820-1635

On 6/13/07 11:08 AM, "Hansen, Edward J., EMNRD" <edwardj.hansen@state.nm.us> wrote:

Dear Ramona:

Please publish the attached notice(s) once in the classified-legal notice section of the newspaper. PO # is 52100-0000003956 Account # 56689 (account # included for Santa Fe paper only). Please mail an affidavit of proof of publication for the notice. Please contact me if you have questions. Thank you. The Oil Conservation Division (OCD) appreciates the ad placement services that you provide to our agency. In order to streamline the review and approval process for newspaper ad invoices, the OCD requests that you send the original invoice with an original affidavit of proof of posting directly to the OCD requestor (contact info. usually at the bottom of e-mails or letters). This will help the proper OCD staff person responsible for the ad placement to promptly receive invoices from newspaper companies and quickly approve invoices for payment.

The OCD appreciates your cooperation and we look forward to working with you in the future. Please contact me if you have questions or need further assistance in this matter.

Edward J. Hansen  
Oil Conservation Division  
EMNRD  
1220 S. St. Francis Dr.  
Santa Fe, New Mexico 87505

505-476-3489

P.S.: Please do not publish after June 29, 2007.

6/13/2007

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

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This inbound email has been scanned by the MessageLabs Email Security System.

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6/13/2007

**Hansen, Edward J., EMNRD**

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**From:** Hansen, Edward J., EMNRD  
**Sent:** Wednesday, June 13, 2007 11:08 AM  
**To:** 'legals@sfnewmexican.com'  
**Subject:** GW252 - GW236 - GW217 Public Notice - SF New Mexican  
**Attachments:** GW252-236-217PermitNotice6\_13\_2007.DOC

Dear Ramona:

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The OCD appreciates your cooperation and we look forward to working with you in the future. Please contact me if you have questions or need further assistance in this matter.

Edward J. Hansen  
Oil Conservation Division  
EMNRD  
1220 S. St. Francis Dr.  
Santa Fe, New Mexico 87505

505-476-3489

P.S.: Please do not publish after June 29, 2007.

6/13/2007

## **NOTICE OF PUBLICATION**

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

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**(GW252) Rotary Wire Line Service, Inc., Mickey D. Welborn, President, P.O. Box 2735, Hobbs, New Mexico 88241, has submitted a renewal application for the previously approved discharge plan (GW-252) for their shop and yard located in the NE/4 of the NE/4 of Section 5, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico (3705 West Marland, Hobbs, New Mexico). Approximately 840 gallons of wash-down water, 42 gallons of used oil, 5 used oil filters, and 10 empty cans are generated on site annually, which are collected and temporarily stored in containment vessels prior to transport and disposal at an NMOCD-approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 55 feet below ground surface, with a total dissolved solids concentration of approximately 200 to 800 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.**

**(GW236) Pate Trucking Co., Inc., Tom Bullard, Manager, 3800 South Eunice Highway, Hobbs, New Mexico 88241, has submitted a renewal application for the previously approved discharge plan (GW-236) for their office, shop and yard located in the NW/4 of the SW/4 of Section 14, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 20 barrels of exterior wash-down water and solids, 55 gallons of used oil, 30 used oil filters, and 1 barrel of tank residues are generated on site monthly, which are disposed at an NMOCD-approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 50 to 60 feet below ground surface, with a total dissolved solids concentration of approximately 150 to 200 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.**

**(GW217) Aztec Well Servicing Company, Jason Sandel, Vice-President, P.O. Box 100, Aztec, New Mexico 87410, has submitted a renewal application for the previously approved discharge plan (GW-217) for their shop and yard located in the SW/4 of the SW/4 of Section 16, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico (approximately ½ mile south of Aztec, New Mexico). Approximately 2,000 gallons of wash-down water, 20,000 gallons of used oil, 3,000 used oil filters, 300 used vehicle batteries and 300 empty barrels, 240 used tires, and 250 empty paint cans are generated on site annually, which are collected and temporarily stored in containment vessels prior to transport and disposal at an NMOCD-approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 30 to 90 feet below ground surface, with a total dissolved solids concentration of approximately 200 to 2000 mg/L. The discharge plan addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.**

The NMOCD has determined that the application is administratively complete and has prepared a draft permit. The NMOCD will accept comments and statements of interest regarding this application and will create a facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list for future notices may contact the Environmental Bureau Chief of the Oil Conservation Division at the address given above. The administrative completeness determination and draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or may also be viewed at the NMOCD web site <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 18<sup>th</sup> day of June, 2007.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

S E A L

Mark Fesmire, Director



**Hansen, Edward J., EMNRD**

---

**From:** Hansen, Edward J., EMNRD  
**Sent:** Wednesday, June 13, 2007 3:42 PM  
**To:** 'FAR LEGALS'  
**Subject:** RE: GW217 Public Notice - Farmington Daily Times

Patricia,  
Thanks for the heads-up.

---

**From:** FAR LEGALS [mailto:legals@daily-times.com]  
**Sent:** Wednesday, June 13, 2007 12:55 PM  
**To:** Hansen, Edward J., EMNRD  
**Subject:** RE: GW217 Public Notice - Farmington Daily Times

Mr. Hansen,

I have completed your request. I scheduled the ad to publish on Sunday June 17, 2007. The total cost of the ad after taxes came to \$158.94

Thank you & have a great afternoon.

Sign,  
*Patricia Blackwater*  
*Legal Representative*  
*The Farmington Daily Times*  
*P.O. Box 450*  
*Farmington, NM 874201*  
*(505) 325-4545*  
*Direct #: (505) 564-4564*  
*Fax #: (505) 564-4567*  
*email: [legals@daily-times.com](mailto:legals@daily-times.com)*

---

**From:** Hansen, Edward J., EMNRD [mailto:edwardj.hansen@state.nm.us]  
**Sent:** Wed 6/13/2007 11:47 AM  
**To:** FAR LEGALS  
**Subject:** GW217 Public Notice - Farmington Daily Times

Dear Patricia:

Please publish the attached notice(s) once in the classified-legal notice section of the newspaper. PO # is 52100-0000000131. Please mail an affidavit of proof of publication for the notice. Please contact me if you have questions. Thank you.

The Oil Conservation Division (OCD) appreciates the ad placement services that you provide to our agency. In order to streamline the review and approval process for newspaper ad invoices, the OCD requests that you send the original invoice with an original affidavit of proof of posting directly to the OCD requestor (contact info. usually at the bottom of e-mails or letters). This will help the proper OCD staff person responsible for the ad placement to promptly receive invoices from newspaper companies and quickly approve invoices for payment.

6/13/2007

The OCD appreciates your cooperation and we look forward to working with you in the future. Please contact me if you have questions or need further assistance in this matter.

Edward J. Hansen  
Oil Conservation Division  
EMNRD  
1220 S. St. Francis Dr.  
Santa Fe, New Mexico 87505

505-476-3489

P.S.: Please do not publish after June 29, 2007.

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6/13/2007

**Hansen, Edward J., EMNRD**

---

**From:** Hansen, Edward J., EMNRD  
**Sent:** Wednesday, June 13, 2007 11:47 AM  
**To:** 'legals@daily-times.com'  
**Subject:** GW217 Public Notice - Farmington Daily Times  
**Attachments:** GW217PermitNotice6\_13\_2007.DOC

Dear Patricia:

Please publish the attached notice(s) once in the classified-legal notice section of the newspaper. PO # is 52100-0000000131. Please mail an affidavit of proof of publication for the notice. Please contact me if you have questions. Thank you.

The Oil Conservation Division (OCD) appreciates the ad placement services that you provide to our agency. In order to streamline the review and approval process for newspaper ad invoices, the OCD requests that you send the original invoice with an original affidavit of proof of posting directly to the OCD requestor (contact info. usually at the bottom of e-mails or letters). This will help the proper OCD staff person responsible for the ad placement to promptly receive invoices from newspaper companies and quickly approve invoices for payment.

The OCD appreciates your cooperation and we look forward to working with you in the future. Please contact me if you have questions or need further assistance in this matter.

Edward J. Hansen  
Oil Conservation Division  
EMNRD  
1220 S. St. Francis Dr.  
Santa Fe, New Mexico 87505

505-476-3489

P.S.: Please do not publish after June 29, 2007.

6/13/2007

## 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 renewal application 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:

**(GW217) Aztec Well Servicing Company, Jason Sandel, Vice-President, P.O. Box 100, Aztec, New Mexico 87410, has submitted a renewal application for the previously approved discharge plan (GW-217) for their shop and yard located in the SW/4 of the SW/4 of Section 16, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico (approximately ½ mile south of Aztec, New Mexico). Approximately 2,000 gallons of wash-down water, 20,000 gallons of used oil, 3,000 used oil filters, 300 used vehicle batteries and 300 empty barrels, 240 used tires, and 250 empty paint cans are generated on site annually, which are collected and temporarily stored in containment vessels prior to transport and disposal at an NMOCD-approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 30 to 90 feet below ground surface, with a total dissolved solids concentration of approximately 200 to 2000 mg/L. The discharge plan addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.**

The NMOCD has determined that the application is administratively complete and has prepared a draft permit. The NMOCD will accept comments and statements of interest regarding this application and will create a facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list for future notices may contact the Environmental Bureau Chief of the Oil Conservation Division at the address given above. The administrative completeness determination and draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or may also be viewed at the NMOCD web site <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.

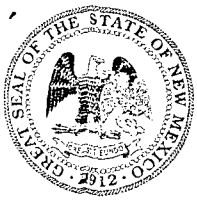
Para obtener más información sobre esta solicitud en español, sirvase comunicarse por favor: New Mexico Energy, Minerals and Natural Resources Department (Depto. Del Energia, Minerals y Recursos Naturales de Nuevo México), Oil Conservation Division (Depto. Conservación Del Petróleo), 1220 South St. Francis 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 18<sup>th</sup> day of June, 2007.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

S E A L

Mark Fesmire, Director



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

June 13, 2007

Stewart J. Peterson  
Vice-President  
Aztec Well Servicing Company  
P.O. Box 100  
Aztec, New Mexico 87410

**RE: Discharge Permit (GW-217) Renewal  
Aztec Well Servicing Company  
San Juan County, New Mexico  
Determination of Administratively Complete**

Dear Mr. Peterson:

The New Mexico Oil Conservation Division (OCD) has received the Aztec Well Servicing Company, application, dated May 31, 2007, to renew the discharge permit, GW-217, for the Rotary Wire Service, Inc. located in the SW/4 of the SW/4 of Section 16, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico. The application and filing fee were received on June 4, 2007. The application and a follow-up correspondence, which proposed the newspaper to publish the public notice, provided the required information in order to deem the application "administratively" complete.

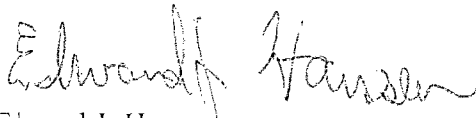
Now that the submittal is deemed "administratively" complete, the New Mexico Water Quality Control Commission regulations (WQCC) public notice requirements of 20.6.2.3108 NMAC must be satisfied and demonstrated to the OCD. The OCD hereby approves your submitted draft version of the public notice for translation into Spanish and publication in the specified newspaper in both English and Spanish.

The public notice must be given no later than July 14, 2007. Once the notice has been given, then please submit to the OCD within 15 days of public notice:

- 1) proof that the notice was published in the newspaper in both English and Spanish (affidavit of publication from the newspaper) and
- 2) proof that the notice was sent via certified mail to each landowner [signed certified mail receipt (green card) by each landowner – *this is not required if you are the landowner*].

If you have any questions regarding this matter, please do not hesitate to contact me at (505) 476-3489 or [edwardj.hansen@state.nm.us](mailto:edwardj.hansen@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 renewal review.

Sincerely,



Edward J. Hansen  
Hydrologist  
Environmental Bureau

EJH:ejh

## **PUBLIC NOTICE**

Aztec Well Servicing Company, Jason Sandel, Vice President, P.O. Box 100 Aztec, NM 87410, has submitted a renewal application for the previously approved discharge plan (GW-217) for their Service Company Yards, located in the SW/SW 4 Section 16, T30N, R11W, NMPM, San Juan County, New Mexico, approximately ½ mile south of Aztec, New Mexico. Approximately 2000 gallons of rig wash water, 20,000 gallons of used oil, 3000 used oil filters, 300 used vehicle batteries, 300 empty barrels, 240 used tires, and 250 empty paint cans are generated on site annually, which are collected and temporarily stored in containment vessels prior to transport and disposal/recycled at approved NMOCD facilities. Groundwater most likely to be affected by a spill, leak, or accidental discharge is at a depth of approximately 30 to 90 feet, with a total dissolved solids concentration of approximately 200 to 2000 mg/l. The discharge plan addresses how oil & gas field products and wastes will be properly handled, stored, and disposed of or recycled, including how spills, leaks, and accidental discharges to the surface will be managed in order to protect groundwater. Any interested person may obtain information, submit comments, or request to be placed on a facility specific mailing list for future notices by contacting Edward J. Hansen at the New Mexico OCD at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, telephone (505) 476-3489. 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.

**Hansen, Edward J., EMNRD**

---

**From:** dywsha@aol.com  
**Sent:** Wednesday, June 06, 2007 5:18 PM  
**To:** Hansen, Edward J., EMNRD  
**Subject:** Public Notice-Aztec Well Servicing

Attachment 6

Notice will be published in the Farmington Daily Times (English and Spanish).

THANKS  
Buddy

(505) 320-0401

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6/6/2007



**Hansen, Edward J., EMNRD**

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**From:** dywsha@aol.com  
**Sent:** Wednesday, April 04, 2007 6:57 PM  
**To:** Hansen, Edward J., EMNRD  
**Subject:** Re: Discharge Permit (GW217) Renewal Application

Looks like next week on the site diagram.

THANKS  
Buddy

-----Original Message-----

**From:** edwardj.hansen@state.nm.us  
**To:** dywsha@aol.com  
**Sent:** Fri, 23 Mar 2007 11:15 AM  
**Subject:** RE: Discharge Permit (GW217) Renewal Application

Thanks, Buddy - let me know what you find out.

---

**From:** dywsha@aol.com [mailto:dywsha@aol.com]  
**Sent:** Friday, March 23, 2007 10:13 AM  
**To:** Hansen, Edward J., EMNRD  
**Subject:** Re: Discharge Permit (GW217) Renewal Application

All we are waiting on is the revised site diagram. I will check again today for a completion date.

THANKS  
Buddy

-----Original Message-----

**From:** [edwardj.hansen@state.nm.us](mailto:edwardj.hansen@state.nm.us)  
**To:** [dywsha@aol.com](mailto:dywsha@aol.com)  
**Sent:** Fri, 23 Mar 2007 10:57 AM  
**Subject:** RE: Discharge Permit (GW217) Renewal Application

Buddy,  
Please send me a status report on the application submittal - thanks.

---

**From:** dywsha@aol.com [mailto:dywsha@aol.com]  
**Sent:** Monday, March 12, 2007 7:22 PM  
**To:** Hansen, Edward J., EMNRD  
**Subject:** Re: Discharge Permit (GW217) Renewal Application

I am hoping to have everything revised for a draft approval this week. There were numerous changes to reflect.

THANKS  
Buddy

4/5/2007

-----Original Message-----

From: edwardj.hansen@state.nm.us

To: dywsha@aol.com

Sent: Mon, 12 Mar 2007 6:26 PM

Subject: Discharge Permit (GW217) Renewal Application

Buddy,

Please send me a status report on the submittal of the renewal application for the Aztec Well Service Company facility. They should have submitted the renewal application and filing fee (\$100) by March 1, 2007.

Thanks.

Edward J. Hansen

Hydrologist

Environmental Bureau

505-476-3489

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4/5/2007

**Hansen, Edward J., EMNRD**

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**To:** Hansen, Edward J., EMNRD  
**Subject:** Re: Discharge Permit (GW217) Renewal Application

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THANKS  
Buddy

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To: dywsha@aol.com  
Sent: Mon, 12 Mar 2007 6:26 PM  
Subject: Discharge Permit (GW217) Renewal Application

Buddy,  
Please send me a status report on the submittal of the renewal application for the Aztec Well Service Company facility. They should have submitted the renewal application and filing fee (\$100) by March 1, 2007.  
Thanks.

Edward J. Hansen  
Hydrologist  
Environmental Bureau  
505-476-3489

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3/13/2007

**Hansen, Edward J., EMNRD**

---

**From:** Hansen, Edward J., EMNRD  
**Sent:** Wednesday, February 14, 2007 11:35 AM  
**To:** 'dywsha@aol.com'  
**Subject:** Renewal of Discharge Permit GW217 ?  
**Attachments:** Public Notice OCD DP Renewal Sta 5 100306 Example.doc

Buddy ,  
Attached is an example of a public notice - we recommend that you send a draft to the OCD for review and approval prior to having it translated into Spanish and publishing in both English and Spanish. (The last three sentences should stay the same for your public notice.)  
Just be sure to include each of the items listed in Subsection F of 20.6.2.3108 NMAC.  
Also, be sure to include in your renewal application the name of the newspaper that you plan to use for publication of the public notice.

Let me know if you have any questions.

Edward J. Hansen

Hydrologist

Environmental Bureau

505-476-3489

2/14/2007

**Hansen, Edward J., EMNRD**

---

**From:** Hansen, Edward J., EMNRD  
**Sent:** Friday, January 26, 2007 11:16 AM  
**To:** 'Dora Haston'  
**Cc:** STEWART PETERSON  
**Subject:** RE: Discharge Permit GW217

Dear Ms. Haston:

The New Mexico Oil Conservation Division (OCD) hereby approves the extension for submittal of the discharge permit (GW217) renewal application until March 1, 2007.

Please be advised that NMOCD approval of this extension does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve the owner/operator of responsibility for compliance with any NMOCD, federal, state, or local laws and/or regulations.

If you have any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen  
Hydrologist  
Environmental Bureau

---

**From:** Dora Haston [mailto:dora\_aws@digii.net]  
**Sent:** Friday, January 26, 2007 10:02 AM  
**To:** Hansen, Edward J., EMNRD  
**Cc:** STEWART PETERSON  
**Subject:** Discharge Permit GW217

*Edward J. Hansen*

*Environmental Bureau*

*Mr. Hansen,*

*Please except my sincere apology for not getting the renewal for our Discharge Permit completed and returned to your office in a timely matter. It has taken me some time to identify which one of our companies was the permit holder. I have forwarded the application to the proper company personnel, for Aztec Well Servicing Co., Inc., who will be in charge of its completion.*

*As per our phone conversation this morning, I am requesting an extension to March 1, 2007, to allow the permit application and all the updated information to be completed.*

*If you have any questions, you may contact Stewart Peterson at (505) 334-6194.*

*Dora Haston*

*(505) 334-6194*

✕

email: dora\_aws@digii.net

**Hansen, Edward J., EMNRD**

---

**From:** Hansen, Edward J., EMNRD  
**Sent:** Wednesday, December 13, 2006 10:36 AM  
**To:** 'dora\_aws@digii.net'  
**Subject:** Renewal for Discharge Permit GW217  
**Attachments:** Renewal WQCC Notice Regs.pdf; Discharge Plan App Form.pdf; Guidelines For Discharge Plans.pdf; PN Flow Chart.20.6.2renewal.pdf

Dear Discharge Permit (GW217) Holder:

The Oil Conservation Division's (OCD) records indicate that your discharge plan has expired. New Mexico Water Quality Control Commission regulations (WQCC) Section 3106.F (20.6.2.3106.F NMAC) specifies that 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. You may be operating without a permit. Please submit a permit renewal application with a filing fee (20.6.2.3114 NMAC) of \$100.00 by December 31, 2006. Please make all checks payable to the **Water Quality Management Fund** and addressed to the OCD Santa Fe Office. There is also a discharge plan permit fee, based on the type of facility, which OCD will assess after processing your application. An application form and guidance document is attached in order to assist in expediting this process.

In accordance with the public notice requirements (Subsection A of 20.6.2.3108 NMAC) of the newly revised (July 2006) WQCC regulations, "...to be deemed administratively complete, an application shall provide all of the information required by Paragraphs (1) through (5) of Subsection F of 20.6.2.3108 NMAC and shall indicate, for department approval, the proposed locations and newspaper for providing notice required by Paragraphs (1) through (4) of Subsection B or Paragraph (2) of Subsection C of 20.6.2.3108 NMAC." You are required to provide the information specified above in your permit renewal application submittal. Attached are a flow chart and the regulatory language pertaining to the new WQCC public notice requirements for your convenience. After the application is deemed administratively complete, the revised public notice requirements of 20.6.2.3108 NMAC must be satisfactory demonstrated to OCD. OCD will provide public notice pursuant to the revised WQCC notice requirements of 20.6.2.3108 NMAC to determine if there is any public interest.

Please contact me by phone 505-476-3489 or email <mailto:edwardj.hansen@state.nm.us> if you have any questions regarding this matter.

Sincerely,

Edward J. Hansen  
Hydrologist  
Environmental Bureau

12/13/2006

**Hansen, Edward J., EMNRD**

---

**From:** Hansen, Edward J., EMNRD  
**Sent:** Friday, January 26, 2007 11:16 AM  
**To:** 'Dora Haston'  
**Cc:** STEWART PETERSON  
**Subject:** RE: Discharge Permit GW217

Dear Ms. Haston:

The New Mexico Oil Conservation Division (OCD) hereby approves the extension for submittal of the discharge permit (GW217) renewal application until March 1, 2007.

Please be advised that NMOCD approval of this extension does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve the owner/operator of responsibility for compliance with any NMOCD, federal, state, or local laws and/or regulations.

If you have any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen  
Hydrologist  
Environmental Bureau

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**From:** Dora Haston [mailto:dora\_aws@digii.net]  
**Sent:** Friday, January 26, 2007 10:02 AM  
**To:** Hansen, Edward J., EMNRD  
**Cc:** STEWART PETERSON  
**Subject:** Discharge Permit GW217

*Edward J. Hansen*

*Environmental Bureau*

*Mr. Hansen,*

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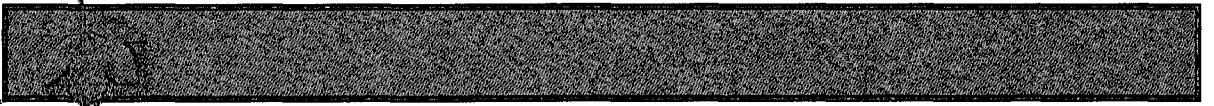
*If you have any questions, you may contact Stewart Peterson at (505) 334-6194.*

*Dora Haston*

*(505) 334-6194*

1/26/2007





*email: dora\_aws@digii.net*

**Hansen, Edward J., EMNRD**

**From:** Hansen, Edward J., EMNRD  
**Sent:** Wednesday, December 13, 2006 10:36 AM  
**To:** 'dora\_aws@digii.net'  
**Subject:** Renewal for Discharge Permit GW217  
**Attachments:** Renewal WQCC Notice Regs.pdf; Discharge Plan App Form.pdf; Guidelines For Discharge Plans.pdf; PN Flow Chart.20.6.2renewal.pdf

Dear Discharge Permit (GW217) Holder:

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In accordance with the public notice requirements (Subsection A of 20.6.2.3108 NMAC) of the newly revised (July 2006) WQCC regulations, "...to be deemed administratively complete, an application shall provide all of the information required by Paragraphs (1) through (5) of Subsection F of 20.6.2.3108 NMAC and shall indicate, for department approval, the proposed locations and newspaper for providing notice required by Paragraphs (1) through (4) of Subsection B or Paragraph (2) of Subsection C of 20.6.2.3108 NMAC." You are required to provide the information specified above in your permit renewal application submittal. Attached are a flow chart and the regulatory language pertaining to the new WQCC public notice requirements for your convenience. After the application is deemed administratively complete, the revised public notice requirements of 20.6.2.3108 NMAC must be satisfactory demonstrated to OCD. OCD will provide public notice pursuant to the revised WQCC notice requirements of 20.6.2.3108 NMAC to determine if there is any public interest.

Please contact me by phone 505-476-3489 or email <mailto:edwardj.hansen@state.nm.us> if you have any questions regarding this matter.

Sincerely,

Edward J. Hansen  
Hydrologist  
Environmental Bureau

12/13/2006

PHONE: 334-6191  
FAX: 334-8729  
P.O. BOX 100



AZTEC, NEW MEXICO 87410

JERRY WAYNE SANDEL  
PRESIDENT

Thursday, November 21, 2002

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. 1929 6233**

Mr. W. Jack Ford, C.P.G.  
Environmental Bureau  
Oil Conservation Division  
New Mexico Energy, Minerals and Natural Resources Department  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Dear Mr. Ford:

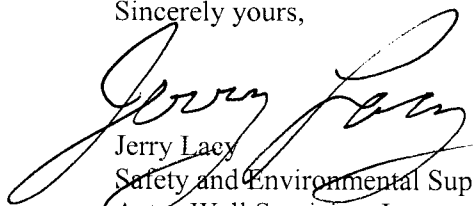
Upon further investigation of the matter you brought to the attention of Aztec Well Servicing Company, Inc. (AWS) regarding potential landfarming at the Aztec Service Facility covered by discharge plan GW-217, I feel that it is necessary to clarify my response letter dated November 11, 2002.

After reporting two recent releases and during remediation of those releases, a small amount of stained dirt appeared darker than the dirt from the surrounding areas. This stained dirt (approximately two yards combined), which tested below standards, was removed by AWS's sister company Triple S Trucking and replaced with unstained dirt from the Aztec Service Facility grounds. Subsequently, the stained dirt was transported into the Aztec Service Facility yard and spread amongst similarly stained dirt in an area where water trucks park. This parking area is raked on a regular basis in accordance with AWS's discharge plan renewal submission provision XI (3) dated July 3, 2000, (being OCD approved discharge plan GW-217 dated September 19, 2000) in that AWS is raking small leaks to allow air to break down the material.

While my initial response to your letter dated November 6, 2002, stated that "no landfarming [is] occurring at the Aztec Service Facility" remains accurate, I felt that this letter of clarification was necessary. That being said, after reviewing this issue with AWS's management, I commit to you that it was not, nor is it, AWS's intention to reopen our once permitted landfarm. Rest assured that should AWS desire to landfarm in the future we understand that providing notice and obtaining approval from OCD is a prerequisite. Additionally, AWS management is currently reviewing all company policies to ensure a similar situation as was described above does not occur in the future.

For myself, and on behalf of the management at AWS, please accept this letter as a formal apology to you and OCD for our miscommunication. Should you have additional comments or questions, please feel free to contact me at 505.334.6191.

Sincerely yours,

  
Jerry Lacy  
Safety and Environmental Supervisor  
Aztec Well Servicing, Inc.

Cc: Aztec OCD District Office

PHONE: 334-6191  
FAX: 334-8729  
P.O. BOX 100



AZTEC, NEW MEXICO 87410

JERRY WAYNE SANDEL  
PRESIDENT

November 11, 2002

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. 1929 6226**

Mr. W. Jack Ford, C.P.G.  
Environmental Bureau  
Oil Conservation Division  
New Mexico Energy, Minerals and Natural Resources Department  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

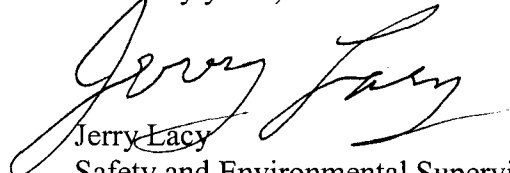
Dear Mr. Ford:

This letter is in response to your letter dated November 6, 2002, regarding unspecified information that had been brought to the attention of New Mexico Oil Conservation Division (OCD) pertaining to the possibility of Aztec Well Servicing, Inc. (AWS) operating a land farm at the Aztec Service Facility in violation of the approved AWS discharge plan GW-217.

After thorough review of AWS's operations I attest, acting as safety and environmental supervisor for AWS, that there is no landfarming occurring at the Aztec Service Facility. However, pursuant to our discharge plan renewal submission provision XI (3) dated July 3, 2000, (being OCD approved discharge plan GW-217 dated September 19, 2000) AWS is raking small leaks to allow air to break down the material. Pursuant to AWS's discharge plan GW-217, this raking activity is permitted.

As always, AWS appreciates OCD's continuous quality assurance with regard to the entities that you are charged with regulating, and we are confident that your correspondence with AWS is simply part of that assurance. Furthermore, we trust that your question regarding AWS's activities have been satisfied. Should you have additional comments or questions, please feel free to contact me at 505.334.6191.

Sincerely yours,

  
Jerry Lacey  
Safety and Environmental Supervisor  
Aztec Well Servicing, Inc.

11-15-02  
Jerry called to  
challenge this -  
To call Lacey -

Cc: Aztec OCD District Office



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera

Cabinet Secretary

November 6, 2002

Lori Wrotenberg

Director

Oil Conservation Division

**CERTIFIED MAIL**

**RETURN RECEIPT NO. 3929 9185**

Mr. Jerry Lacey  
Aztec Well Service Company Inc.  
P.O. Box 100  
Aztec, New Mexico 87410

RE: Discharge Plan GW-217  
Aztec Service Facility  
San Juan County, New Mexico

Dear Mr. Lacey:

It has been brought to the attention of the New Mexico Oil Conservation Division (OCD) that Aztec Well Servicing Company Inc. may be operating a land farm at the Aztec Service Facility located in the SW/4 SW/4 of Section 16, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico. This facility is covered by a discharge plan GW-217 which was renewed September 19, 2000.

Under an approved discharge plan, dated November 6, 1995, the attached discharge plan condition 10.B.1 specified a one-time use for a bioremediation cell in a lined pit for land farming of soil materials. A closure approval of an unlined pit used for a land farming operation was included in the approved discharge plan.

If current land farming operations are being conducted at the Aztec Service facility it would be in violation of the renewed discharge plan. Please advise the OCD if such activities are being conducted. An approval of such activities will require modification of the current discharge plan.

If you have any questions contact me at (505) 476-3489.

Sincerely,

W. Jack Ford, C.P.G.  
Environmental Bureau  
Oil Conservation Division

cc: Aztec OCD District Office

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. 13899 dated 12-12-00,  
or cash received on \_\_\_\_\_ in the amount of \$ 690.00  
from Aztec Well Servicing Co.  
for Aztec Service Facility 9W-217  
Submitted by: W. J. [Signature] Date: 12-15-00  
Submitted to ASD by: \_\_\_\_\_ Date: \_\_\_\_\_  
Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

Filing Fee \_\_\_\_\_ New Facility \_\_\_\_\_ Renewal ☒  
Modification \_\_\_\_\_ Other \_\_\_\_\_

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment ☒ or Annual Increment \_\_\_\_\_

Wells Fargo Bank New Mexico, N.A.  
100 E Broadway  
Farmington, NM 87401  
www.wellsfargo.com



AZTEC WELL SERVICING COMPANY

P. O. BOX 100 505-334-6191  
AZTEC, NM 87410-0100

13899

DATE DEC. 12, 2000

PAY  
TO THE  
ORDER OF NMED-WATER QUALITY MANAGEMENT

\$ 690.00\*

REGISTERED 690 DOLLARS

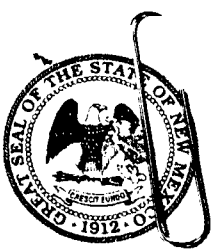
DOLLARS ☒ Security Features  
Printed on Back

DISCHARGE PLAN FEE			

THIS CHECK IS DELIVERED FOR PAYMENT ON THE ACCOUNTS LISTED

Stewart Peters

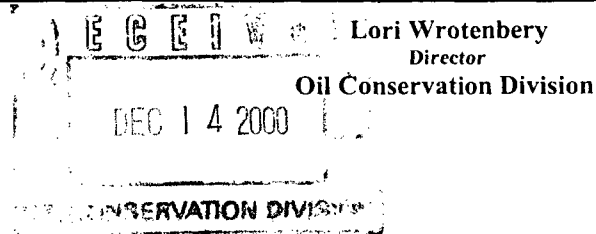
⑈013899⑈ ⑆107002192⑆9810150374⑈



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON  
Governor  
Jennifer A. Salisbury  
Cabinet Secretary

November 28, 2000



**CERTIFIED MAIL**  
**RETURN RECEIPT NO. 5050 9986**

Mr. Jerry Lacy  
Aztec Well Servicing Co.  
P.O. Box 100  
Aztec, New Mexico 87410

**RE: Discharge Plan Fees GW-217**  
**Aztec Facility**  
**San Juan County, New Mexico**

Dear Mr. Lacy:

On September 20, 2000, Aztec Well Servicing Co., received, via certified mail, an approval dated September 19, 2000 from the New Mexico Oil Conservation Division (OCD) for renewal of discharge plan GW-217. Each discharge plan has a filing fee and a flat fee as described in WQCC Section 3114, the flat fee of \$690.00 for the Aztec facility discharge plan GW-217 renewal has not as of this date November 28, 2000 been received by the OCD Santa Fe Division office for GW-217.

Aztec Well Servicing Co. will submit the \$690.00 flat fee in full by December 18, 2000 in order to be in compliance with Water Quality Control Commission Regulation 3114.B.6, or the OCD may initiate enforcement actions which may include fines and/or an order to cease all operations at the facility. Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office.

If you have any questions regarding this matter, please contact me at (505)-827-7152 or Mr. W. Jack Ford at (505) 827-7156.

Sincerely,

Roger Anderson  
Environmental Bureau Chief

RCA/wjf

xc: OCD Aztec District Office



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**  
Governor  
**Jennifer A. Salisbury**  
Cabinet Secretary

November 28, 2000

**Lori Wrotenbery**  
Director  
Oil Conservation Division

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. 5050 9986**

Mr. Jerry Lacy  
Aztec Well Servicing Co.  
P.O. Box 100  
Aztec, New Mexico 87410

**RE: Discharge Plan Fees GW-217**  
**Aztec Facility**  
**San Juan County, New Mexico**

Dear Mr. Lacy:

On September 20, 2000, Aztec Well Servicing Co., received, via certified mail, an approval dated September 19, 2000 from the New Mexico Oil Conservation Division (OCD) for renewal of discharge plan GW-217. Each discharge plan has a filing fee and a flat fee as described in WQCC Section 3114, the flat fee of \$690.00 for the Aztec facility discharge plan GW-217 renewal has not as of this date November 28, 2000 been received by the OCD Santa Fe Division office for GW-217.

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Sincerely,

Roger Anderson  
Environmental Bureau Chief

RCA/wjf

xc: OCD Aztec District Office



U.S. Postal Service  
**CERTIFIED MAIL RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)

04D  
Fees

Article Sent To:

7099 3220 0000 5050 9986

Postage \$  
Certified Fee  
Return Receipt Fee (Endorsement Required)  
Restricted Delivery Fee (Endorsement Required)  
Total Postage & Fees \$

Postmark  
Here

Name (Please Print Clearly) (To be completed by mailer)

J. Lacey

Street, Apt. No., or PO Box No.

Aztec W.S.

City, State, ZIP+4

Aztec

910-217

PS Form 3800, July 1999

See Reverse for Instructions



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON  
Governor  
Jennifer A. Salisbury  
Cabinet Secretary

Lori Wrotenbery  
Director  
Oil Conservation Division

September 19, 2000

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. 5050 9924**

Mr. Jerry Lacy  
Aztec Well Servicing Company Inc.  
P.O. Box 100  
Aztec, New Mexico 87410

**RE: Discharge Plan Renewal GW-217  
Aztec Well Servicing Company Inc.  
Farmington Service Facility  
San Juan County, New Mexico**

Dear Mr. Lacy:

The ground water discharge plan renewal application GW-217 for the Aztec Well Servicing Company Inc. Farmington Service Facility located in the SW/4 SW/4 of Section 16, Township 30 North, Range 11 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 original discharge plan application was submitted on July 27, 1995 and approved November 6, 1995. The discharge plan renewal application, dated July 3, 2000, submitted pursuant to Sections 5101.B.3. 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 Sections 5101.A. and 3109.C. Please note Section 3109.G., which provides for possible future amendment of the plan. Please be advised that approval of this plan does not relieve Aztec Well Servicing Company Inc. of liability should operations result in pollution of surface water, ground water, or the environment.

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

Mr. Jerry Lacy  
GW-217 Farmington Service Facility  
September 19, 2000  
Page 2

Please note that Section 3104 of the regulations provides: "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C., Aztec Well Servicing Company Inc. 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 renewal plan is for a period of five years. This renewal will expire on **November 6, 2005**, and Aztec Well Servicing Company Inc. should submit an application in ample time before this date. Note that under Section 3106.F. of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge plan facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge plan .

Aztec Well Servicing Company Inc. will submit a storm water run-off plan for approval by the OCD within six (6) months of the date of this approval letter for the Farmington Service Facility facility.

The discharge plan renewal application for the Aztec Well Servicing Company Inc. Farmington Service Facility is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan application will be assessed a fee equal to the filing fee of \$50. There is a renewal flat fee assessed for oil field service company equal to one-half of the original flat fee or \$690.00. The OCD has received the filing fee and the flat fee.

**Please make all checks payable to: Water Management Quality Management Fund  
C/o: Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505.**

Mr. Jerry Lacy  
GW-217 Farmington Service Facility  
September 19, 2000  
Page 3

If you have any questions please contact Mr. W. Jack Ford at (505) 827-7156. On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,

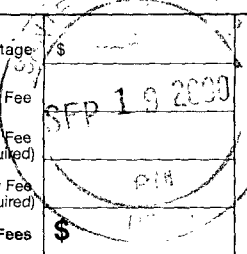


Roger C. Anderson  
Chief, Environmental Bureau  
Oil Conservation Division

RCA/wjf  
Attachment

xc: OCD Aztec Office

7099 3220 0000 5050 9924

U.S. Postal Service <b>CERTIFIED MAIL RECEIPT</b> (Domestic Mail Only; No Insurance Coverage Provided)	
Article Sent To:	
Postage: \$	
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees \$	Postmark Here
Name (Please Print Clearly) (To be completed by mailer) J. Lacy	
Street, Apt. No., or PO Box No. Aztec Well Serv	
City, State, ZIP+4 Aztec	
PSI Form 3800, July 1999 See Reverse for Instructions	

ATTACHMENT TO THE DISCHARGE PLAN RENEWAL GW-217  
AZTEC WELL SERVICING COMPANY INC.  
FARMINGTON SERVICE FACILITY  
DISCHARGE PLAN APPROVAL CONDITIONS  
(September 19, 2000)

1. Payment of Discharge Plan Fees: The \$50.00 filing fee has been received by the OCD. There is a required flat fee equal to one-half of the original flat fee for oil field service companies. The renewal flat fee required for this facility is \$690.00 which may be paid at the time of discharge plan approval or in equal annual installments with the first installment due at the time of discharge plan approval.
2. Aztec Well Servicing Company Inc. Commitments: Aztec Well Servicing Company Inc. will abide by all commitments submitted in the discharge plan renewal application letter dated July 3, 2000 and these conditions for approval.
3. 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.
4. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
5. 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.
6. 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 tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.
7. 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.

8. Labeling: All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.
9. 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 demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.
10. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity every 5 years. The permittee may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.
11. Class V Wells: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.
12. Housekeeping: All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years.
13. Spill Reporting: All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec District Office.
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. Storm Water Plan: The facility will have an approved storm water run-off plan.

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

Accepted:

AZTEC WELL SERVICING COMPANY INC.

by \_\_\_\_\_  
Title

# AFFIDAVIT OF PUBLICATION

Ad No. 43113

STATE OF NEW MEXICO  
County of San Juan:

## COPY OF PUBLICATION

918

### NOTICE OF PUBLICATION

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

Notice is hereby given that pursuant to the New Mexico Water Quality Control Commission Regulations, the following plan application has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-217) - Aztec Well Servicing Company, Mr. Jerry Lacy, P.O. Box 100, Aztec, New Mexico 87410, has submitted a discharge plan renewal application for their Aztec facility located in the SW/4 SW/4, Section 16, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank transported offsite to an OCD approved disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 80 feet with a total dissolved solids concentrations of approximately 1,125 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

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

A hearing will be held if the director determines that there is significant public interest. If no hearing is held, the Director will approve or disapprove the plan based on the information available. If a public hearing is held, the Director will approve the plan based on the information in the plan and information presented at the hearing.

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 14th day of July 2000.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

/s/ Roger Cullander  
Roger Cullander  
for LORI WROTENBERY, Director

SEAL

Legal No. 43113 published in the Daily Times, Farmington, New Mexico, Sunday, July 23, 2000.

Alethia Rothlisberger, being duly sworn says: That she is the Classified Advertising Manager of THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication on the following day(s):

Sunday, July 23, 2000.

And the cost of the publication is: \$84.38.

Alethia Rothlisberger

ON 7/25/2000 Alethia Rothlisberger appeared before me, whom I know personally to be the person who signed the above document.

Dorothy L. Seade  
My Commission Expires April 10, 2004



THE SANTA FE  
**NEW MEXICAN**

Founded 1849

JUL 25 2000

NM OIL CONSERVATION DIVISION  
ATTN: DONNA DOMINGUEZ  
2040 S. PACHECO ST.  
SANTA FE, NM 87505

AD NUMBER: 160540 ACCOUNT: 56689  
LEGAL NO: 67748 P.O.#: 00199000278  
177 LINES 1 time(s) at \$ 78.03  
AFFIDAVITS: 5.25  
TAX: 5.20  
TOTAL: 88.48

**NOTICE OF PUBLICATION**

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

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Any interested person may obtain further information from the Oil Conservation

Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan applications may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. 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 there is significant public interest.

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 14th day of July, 2000.

STATE OF NEW MEXICO  
OIL CONSERVATION  
DIVISION  
LORI WROTENBERY,  
Director

Legal #67748  
Pub. July 21, 2000

**AFFIDAVIT OF PUBLICATION**

STATE OF NEW MEXICO  
COUNTY OF SANTA FE

I, Betsy Perner being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication #67748 a copy of which is hereto attached was published in said newspaper 1 day(s) between 07/21/2000 and 07/21/2000 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 21 day of July, 2000 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/s/

Betsy Perner

LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this  
21 day of July A.D., 2000

Notary

Laura E. Harding

Commission Expires

11/23/03

## NOTICE OF PUBLICATION

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

Notice is hereby given that pursuant to the New Mexico Water Quality Control Commission Regulations, the following discharge plan application has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

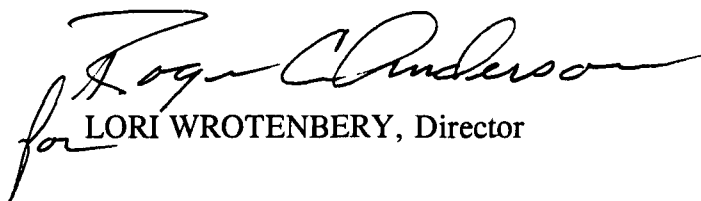
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Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the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

A hearing will be held if the director determines that there is significant public interest. If no hearing is held, the Director will approve or disapprove the plan based on the information available. If a public hearing is held, the Director will approve the plan based on the information in the plan and information presented at the hearing.

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 14th day of July 2000.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
for LORI WROTENBERY, Director

SEAL

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. 13193 dated 7-7-00,  
or cash received on \_\_\_\_\_ in the amount of \$ 50.00  
from Aztec Well Servicing Co.  
for Aztec Facility GW-217  
Submitted by: WJF Date: 7-11-00  
Submitted to ASD by: \_\_\_\_\_ Date: \_\_\_\_\_  
Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

Filing Fee ☒ New Facility \_\_\_\_\_ Renewal ☒  
Modification \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment ☒ or Annual Increment \_\_\_\_\_

Wells Fargo Bank New Mexico N.A.  
100 E Broadway  
Farmington, NM 87401  
www.wellsfargo.com



AZTEC WELL SERVICING COMPANY

P. O. BOX 100 505-334-6191  
AZTEC, NM 87410-0100

13193

DATE JULY 7, 2000

PAY  
TO THE  
ORDER OF NMED-WATER QUALITY MANAGEMENT

\$ 50.00\*

AZTEC WELL SERVICING 50 DOLLARS

DOLLARS ☒ Security Features  
included.  
Detail on back.

	WQCC REGULATION		
	3114		
	FILING FEE		

THIS CHECK IS DELIVERED FOR PAYMENT ON THE ACCOUNTS LISTED

*Jerry Sandell*

⑈013193⑈ ⑈107002192⑈9810150374⑈

PHONE: 334-6191  
FAX: 334-8729  
P.O. BOX 100



AZTEC, NEW MEXICO 87410

JERRY WAYNE SANDEL  
PRESIDENT

**NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT**

**JULY 3rd 2000**

**OIL CONSERVATION DIV.  
ENVIRONMENTAL BUREAU  
2040 S. PACHECO  
SANTA FE, MN 87505**

ATTENTION: ROGER C. ANDERSON  
OIL CONSERVATION DIVISION

**DEAR MR. ANDERSON**

ENCLOSED IS AZTEC WELL SERVICING COMPANY'S DISCHARGE PLAN RENEWAL,  
AND \$50.00 RENEWAL FILING FEE. THE PLAN COVERS AZTEC WELL SERVICING,  
TRIPLE S TRUCKING CO., AND TOTAH RENTAL AND EQUIPMENT.

SINCERELY

A handwritten signature in cursive script, reading "Jerry Lacy".

**JERRY LACY  
SAFETY SUPERVISOR**

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

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: SERVICE COMPANY

2. Operator: AZTEC WELL SERVICING COMPANY INC.

Address: P.O. BOX 100, AZTEC, NM 87410

Contact Person: JERRY LACY Phone: 505-334-6191

3. Location: SW /4 SW /4 Section 16 Township 30N Range 11W  
Submit large scale topographic map showing exact location.

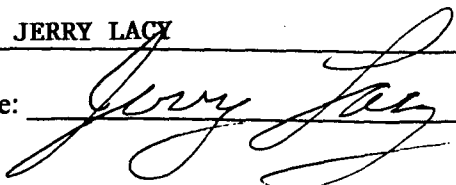
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description 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: JERRY LACY

Title: SAFETY SUPERVISOR

Signature: 

Date: JULY 3, 2000

**AZTEC WELL SERVICING CO. INC.**

**DISCHARGE PLAN**

AZTEC WELL SERVICING INC. DISCHARGE PLAN

**I. TYPE OF OPERATION - MAIN OFFICE & FIELD OFFICE FOR:**

**A. AZTEC WELL SERVICING CO. INC.**

OPERATIONS - MAINTENANCE AND SERVICING OF:

1. DRILLING RIGS
2. COMPLETION UNITS
3. COMPANY VEHICLES
4. FRAC. TANKS

**B. TRIPLE S TRUCKING CO.**

OPERATIONS - MAINTENANCE AND SERVICING OF:

1. WATER TRUCKS
2. RIG-UP TRUCKS
3. COMPANY VEHICLES
4. FRAC. TANKS
5. BLOW TANKS

**C. TOTAH RENTAL & EQUIPMENT**

1. SALES OF OIL FIELD SUPPLIES
2. MAINTENANCE OF WELL CONTROL EQUIPMENT

**II. NAME OF OPERATOR**

AZTEC WELL SERVICING CO. INC.  
JERRY SANDEL - PRESIDENT  
P.O. BOX 100  
AZTEC, NEW MEXICO 87410

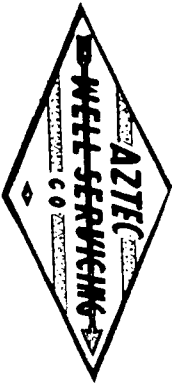
**III. LOCATION OF DISCHARGE**

SW 1/4 SEC. 16 T30 R11W (ATTACHMENT NO. 2)  
SAN JUAN COUNTY, NEW MEXICO

**IV. LANDOWNERS**

AZTEC WELL SERVICING CO. INC.  
P.O. BOX 100  
AZTEC, NEW MEXICO 87410  
505-334-6191

# V. FACILITY DESCRIPTION



YARD 3

FENCE

GATE

FENCE

AZTEC WELL SERVICING  
CO. INC.  
YARD 2

TRIPLE S TRUCKING  
CO. INC.

TOTAH RENTAL  
&  
EQUIPMENT

FRAC TANK & BLOW TANK  
STORAGE AREA

STORE

OXYGEN  
ACETYLENE

TRUCK  
BAYS

SHOP

USED OIL

GRAVEL ROAD

MAIN OFFICE

TIRE SHED

FIELD OFFICE  
SHOP

OIL BARRELS

USED OIL

PROPANE

YARD 1

P A R K I N G

DRY WASH

FENCE

GATE

GATE

FENCE

GATE

GATE

GATE

FENCE

GATE



[illegible]

V I I SOLID WASTE					
SOLID WASTE	SOURCE		AZTEC	VOLUME/ TRIPLE S	MONTH TOTAL
BATTERIES	VEHICLES/UNITS/RIGS		10	10	0
OIL FILTERS	VEHICLES/UNITS/RIGS		80	70	0
EMPTY PAINT CANS	SHOP / FIELD		20	1	0
EMPTY BARRELS	RIGS/UNITS/SHOPS		20	2	0
EMPTY 5 GAL. CANS	RIGS/UNITS/SHOPS		10	2	0
TIRES	RIGS/UNITS/SHOPS		5	10	0

VIII		SUMMARY DESCRIPTION OF EXISTING LIQUID AND SOLID WASTE COLLECTION AND DISPOSAL		
LIQUID WASTE	DISPOSAL METHOD	AZTEC	TRIPLE S	TOTAH
WASH WATER	WATER COLLECTED IN SUMP SUMP EMPTIED BY WATER TRUCK AND TAKEN TO APPROVED DISPOSAL SITE	X	X	N/A
USED OIL	COLLECTED IN BIN EMPTIED EVERY MONTH BY MESA OIL	X	X	X
CLEANING SOLVENT	RECYCLED BY SAFETY KLEEN MONTHLY	X	X	N/A
<b>SOLID WASTE</b>				
BATTERIES	PICKED-UP AT TOTAH BY INTERSTATE BATTERIES AND DATE RECORDED	X	X	N/A
OIL FILTERS	DRAINED (HOT) AND PLACED IN TRASH THEN PICKED UP BY WASTE MANAGEMENT	X	X	N/A
EMPTY PAINT CANS	EMPTIED COMPLETELY ALLOWED TO DRY OUT THEN PUT IN TRASH (W/ LID OFF) FOR LAND FILL	X	X	X
EMPTY OIL DRUMS	PICKED UP BY DIAL OIL	X	X	X
EMPTY 5 GAL. CANS	EMPTIED COMPLETELY THEN PLACED IN TRASH WITH LID OFF	X	X	X
TIRES	ACCEPTED BY LAND FILL	X	X	N/A

**IX. PROPOSED MODIFICATIONS OF COLLECTION/TREATMENT/**

**DISPOSAL SYSTEMS**

NONE

**X. INSPECTION, MAINTENCE AND REPORTING**

A. NO GROUND WATER MONITORING

B. NO CONTAINMENT OF NATURAL RUN OFF

**XI. METHODS OF REPORTING AND CLEAN-UP OF SPILLS OR RELEASES**

1. IF SPILL OR RELEASE IS WATER IT IS VACUUMED UP BY A WATER TRUCK AND HAULED TO AN APPROVED DISPOSAL SITE.  
(DATE AND AMOUNT RECORDED ON TRUCK TICKET)
2. IF, OIL IT IS VACUUMED AND PUT IN USED OIL BIN AND LATER PICKED UP MBY USED OIL RECYCLERS.
3. SMALL LEAKS ON GROUND ARE RAKED TO ALLOW AIR TO BREAK DOWN SOIL.
4. LARGER SPILLS ARE IMMEDIATELY REPORTED TO SUPERVISORS OF FACILITY AND IMMEDIATELY TO LOCAL OFFICAL OF O.C.D.

**XII. SITE CHARACTERISTICS**

(HYDROLOGIC / GEOLOGIC INFORMATION)

1. LOCATION OF FRESH WATER - CLOSEST FRESH WATER IS IN AN IRRIGATION DITCH 1000+ FT. FROM AZTEC WELL SERVICING CO. PROPERTY. ( TO THE NORTHWEST)
2. LOCATION OF GROUND WATER - -30 FT. TO -90FT. (VARIES IN DEPTH)
3. SEE ATTACHMENT NO. 4

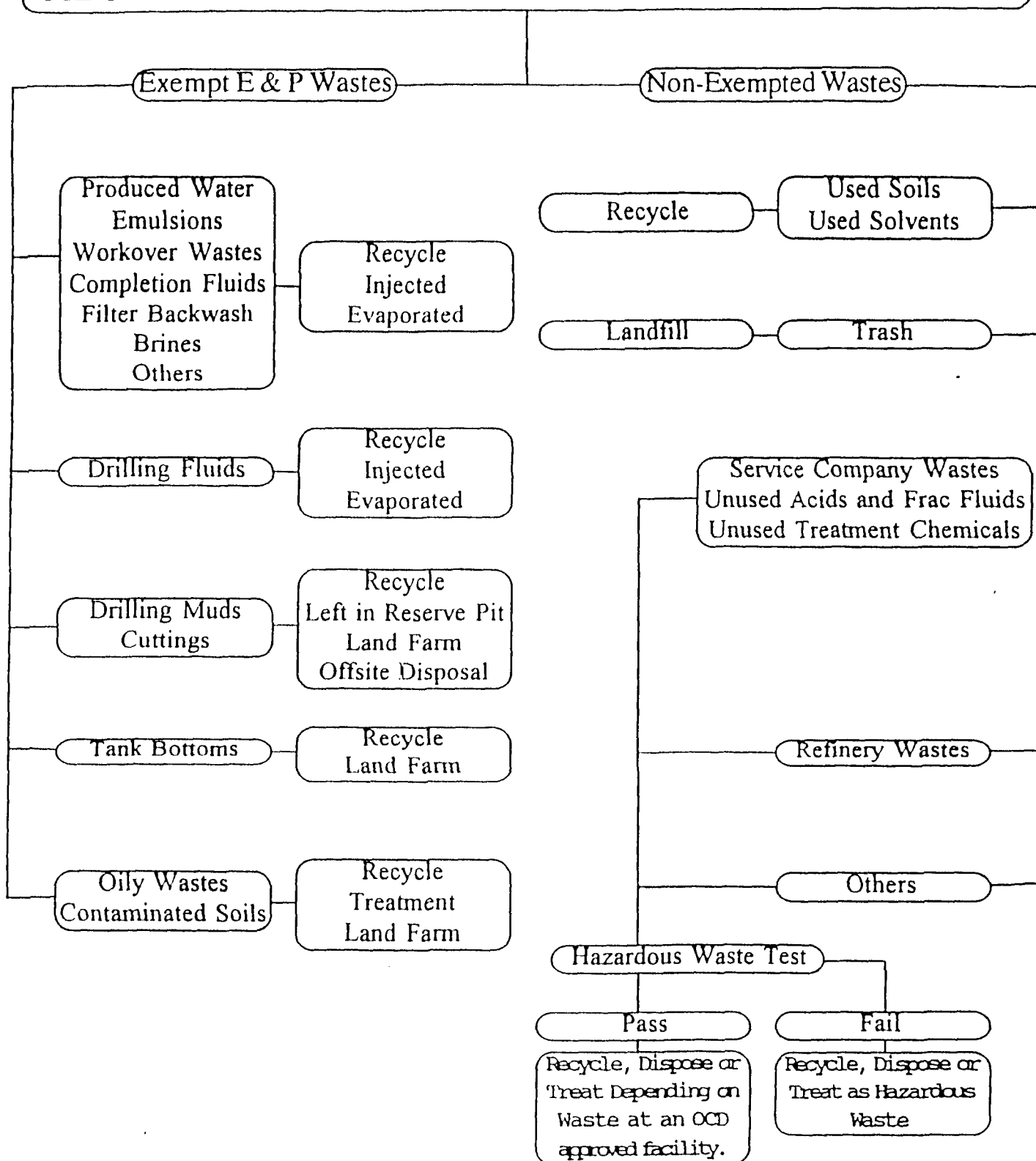
**XIII. OTHER COMPLIANCE INFORMATION**

1. FACILITIES ARE FOLLOWING ATTACHED METHODS (SEE XIII-B).

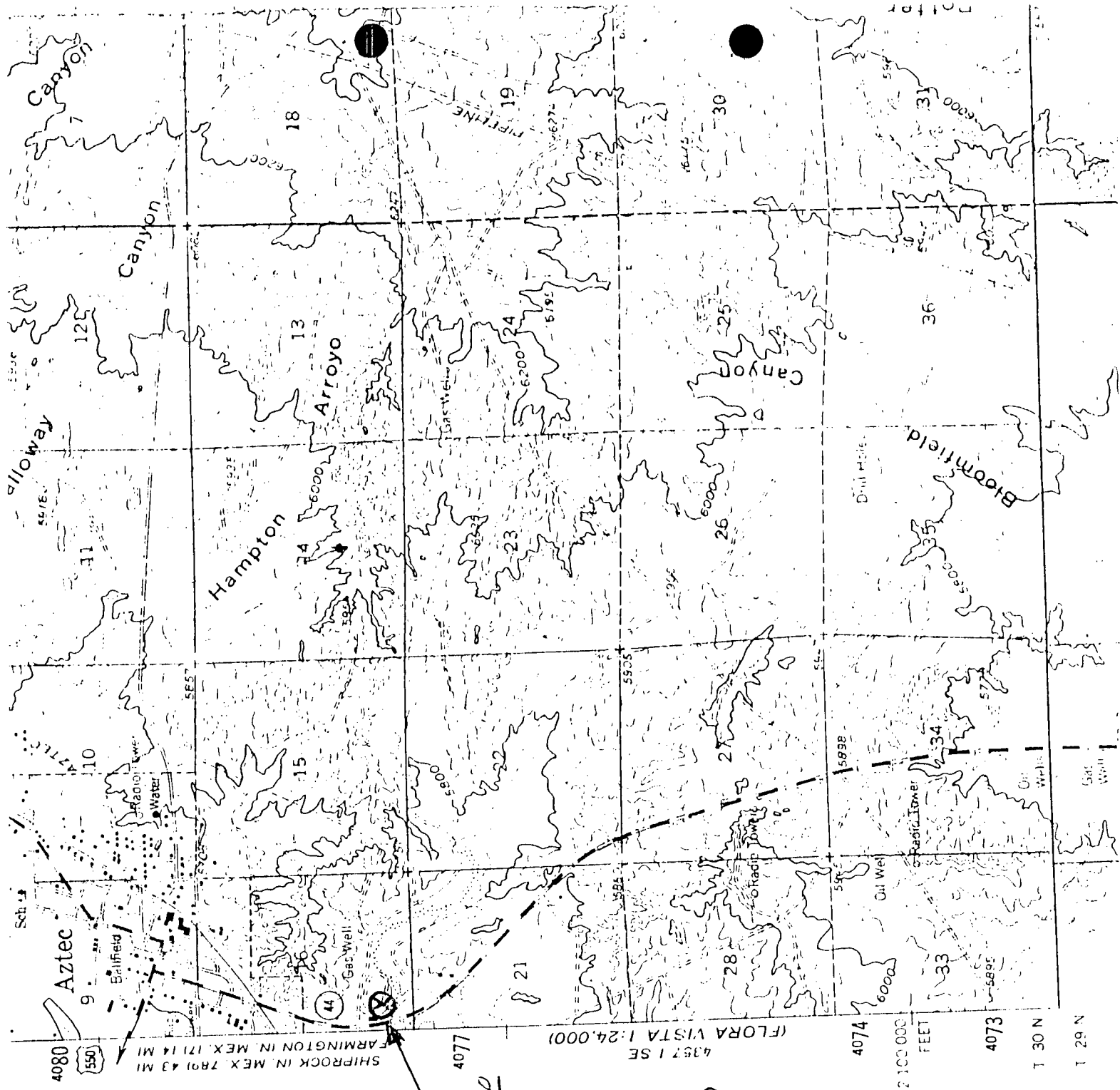
# OIL FIELD WASTES

## CATEGORIES AND DISPOSAL METHODS

### OIL AND GAS EXPLORATION AND PRODUCTION WASTES



Please contact the Oil Conservation Division concerning any waste or disposal methods not listed.



Aztec Well Service  
 GW-217  
 SW/4 SW/4,  
 Section 16,  
 Township 30 North,  
 Range 11 West,  
 NMPM,  
 San Juan County,  
 New Mexico

# ATTACHMENT NO. 4

Table 1.--Records of water wells and springs in San Juan County prior to 1978 - Continued

Location	Latitude-Longitude	Number or name	Depth (feet)	Altitude (feet)	Depth to water (feet)	Producing interval (feet)	Principal water-bearing unit(s)	Specific conductance (umhos at 25°C)	Date	Logs available	Reference	Draw-down (feet) min	Discharge (gal/ hour)	Duration (hours)	Remarks
30.10.20.3	-	Hartman	-	6,190	91	-	T <sub>2</sub>	-	-	-	C <sup>o</sup>	-	-	-	-
30.10.23.2	-	EPHC Riddle #1	311	6,280	-	285-305	T <sub>2</sub>	-	-	-	C <sup>o</sup>	-	200	-	-
30.10.23.4222	364748 1075051	EPHC Knickerbocker #1	975	6,219	-	246-266 330-484 596-680 832-946	T <sub>2</sub>	4,270 8,330	05-29-73 06-18-75	-	C <sup>o</sup>	-	-	-	-
30.10.24.2	-	EPHC Florence #1	293	6,280	-	-	T <sub>2</sub>	-	-	-	C <sup>o</sup>	-	20	-	-
30.11.04.4124	365025 1075929	Jody Boston	50	5,640	35	05-26-74	Q <sub>41</sub>	890	09-26-74	-	C <sup>o</sup>	-	-	-	-
30.11.09	-	Clyde Van Dusen	-	-	-	-	Q <sub>41</sub>	4,320	07-26-54	-	C <sup>o</sup>	-	-	-	-
30.11.09	-	Peach Spring	-	-	-	-	-	-	11-25-33	-	C <sup>o</sup>	-	-	-	-
30.11.10	-	A. V. Moore	31	-	-	-	Q <sub>41</sub>	-	-	-	C <sup>o</sup>	-	-	-	-
30.11.17.2432	364850 1080026	John Boviatt	-	5,622	39.5	05-30-74	Q <sub>41</sub>	1,520	09-30-74	-	-	-	-	-	-
30.11.17.3211	364843 1080102	Coy Stocking	-	5,588	10.1	09-26-74	Q <sub>41</sub>	910	09-26-74	-	-	-	-	-	-
30.11.15.1134	364807 1080220	Kernath McCament	143	5,575	21.2	09-26-74	T <sub>2</sub>	2,240	09-26-74	-	C <sup>o</sup>	-	-	-	-
30.12.04.1414	365038 1080620	Bickman	-	5,856	67.4	10-25-74	T <sub>2</sub>	-	-	-	-	-	-	-	Widmill; abandoned.
30.12.22	-	Bill Ryan	-	-	-	-	-	-	07-11-56	-	-	-	-	-	-
30.12.22Q	-	Dorman	50	-	-	07-28-57	T <sub>2</sub> Q <sub>41</sub>	-	-	-	-	-	-	-	Well located "five miles west of Artec".
30.12.23.4343	364727 1080353	Ernest Tolly	29	5,520	22.8	09-26-74	Q <sub>41</sub>	1,450	09-26-74	-	-	-	-	-	Well is down.
30.12.24.3221	364750 1080304	Yaffio Garcia	31	5,538	14.9	09-26-74	Q <sub>41</sub>	-	-	-	-	-	-	-	-
30.12.25.4412	364643 1080236	-	2,885	5,650	-	-	T <sub>2</sub>	-	-	-	-	-	-	-	Converted to E.O.
30.12.27.4221	364658 1080440	Earl Ritter	59	5,580	9.4	09-26-74	Q <sub>41</sub>	-	-	-	-	-	-	-	SPC of nearby domestic well is 2,100 umhos.
30.12.28.4422	364648 1080538	Jess Deau	22	5,465	7.0	09-26-74	Q <sub>41</sub>	-	-	-	-	-	-	-	Converted to E.O.
30.12.29.12	364722 1080722	Floyd Cordanier	200	5,640	100	09-22-59	T <sub>2</sub> Q <sub>41</sub>	2,250	02-21-59	-	-	-	-	-	-
30.12.30.1233	364718 1080830	-	-	5,763	-	-	-	-	-	-	-	-	-	-	Converted to E.O.
30.12.31.34	364550 1080830	E. Evans Spring	-	5,430	-	-	T <sub>2</sub> Q <sub>41</sub>	1,890	09-27-46	-	-	-	-	-	In bed of wash.
30.12.32.2331	364614 1080708	McMahon #1, dug well	20	5,410	4.8	03-09-77	Q <sub>41</sub>	1,180	03-10-77	-	-	7.35 ± 4.50	8.3	-	-
30.12.32.2333	364612 1080712	McMahon #2, dug well	20	5,410	5	03-09-77	Q <sub>41</sub>	-	-	-	-	-	-	-	-

TDS = Total Dissolved Solids.

TDS = Specific Conductance x 0.75

TDS = 1,500 [umhos/cm] x 0.75

TDS = 1,125 mg/l

## ATTACHMENT NO. 4

Table 2.—Records of water wells in San Juan County, 1978-83 - Continued

LOCATION	NAME	WELL NUMBER	USE	DEPTH PERFORATIONS	AQUIFER
30.11.09.14	Suchodolski, Larry	SJ-0750	dom	26	
30.11.09.232	Long, Lawrence	SJ-0364	dom	33	
30.11.09.4	Padilla, Andy	SJ-0347	dom	35	
30.11.09.41	Dorman, Walter	SJ-1436	dom	210	
30.11.10.134	Horne, Troy V.	SJ-0348	dom	72	64-70
30.11.13.13	Charland, Richard W.	SJ-1693	dom	225	
30.11.13.13	Meuir, James R.	SJ-1672	dom	180	
30.11.13.133	Reynolds, Timothy	SJ-1294	dom, stk	92	87-92
30.11.16.12	Ford, James R.	SJ-0410	dom	61	53-61
* 30.11.16.221	Shockley, H. H.	SJ-1082	dom	<u>80</u>	68-76
30.11.17.1	Swaites, Howard L.	SJ-30.11.17.1	dom	20	
30.11.17.11	Lambert, Richard	SJ-1528	dom	26	
30.11.17.2112	Taylor, Dennis	SJ-1342	dom	26	
30.11.17.22	Brown, Robert or Jan	SJ-0665	dom, stk	28	
30.11.17.22	Pilling, Carl K.	SJ-0745	dom	54	
30.11.17.23	Oguin, Lloyd	SJ-1057	dom	63	
30.11.17.23	Stone, Thomas F.	SJ-1060	dom	58	
30.11.17.23	Watson, Bud & Cathy	SJ-0166	dom	48	39-47
30.11.17.24	Webster, Charles	SJ-1200	dom, stk	50	
30.11.17.31	Howard, Roy A.	SJ-0159	dom	35	29-35
30.11.17.32	Tharrington, R. B.	SJ-1296	dom	50	
30.11.17.41	Cummingham, Lonnie	SJ-0234	dom	54	48-53
30.11.17.41	Hoffman, Lottie M.	SJ-0411	dom, stk	60	52-58
30.11.17.412	Elder, Eugene	SJ-0457	dom	52	
30.11.17.413	Martinez, Tony J.	SJ-0650	dom	49	
30.11.17.42	Minium, Emory	SJ-0136	dom	69	62-68
30.11.18.113	Easterling, Donald R	SJ-1316	dom	46	
30.11.18.122	Marr, Joseph I.	SJ-1639	dom	40	
30.11.18.124	Moore, Alex D.	SJ-0932	dom	32	
30.11.18.13	Burns, Dale	SJ-1786	dom	35	
30.11.18.13	Christensen, Steve	SJ-1401	dom, stk	44	
30.11.18.13	Davin, Roy	SJ-1733	dom	29	
30.11.18.13	Rodgers, John	SJ-1738	dom	33	
30.11.19.21	Smith, Frank	SJ-1072	dom	100	60-96
30.11.19.21	Zenke, Norman W.	SJ-0638	dom, stk	130	90-130
30.11.19.22	Gordon, Randy	SJ-1636	dom	70	



COMMERCIAL SURFACE DISPOSAL FACILITIES

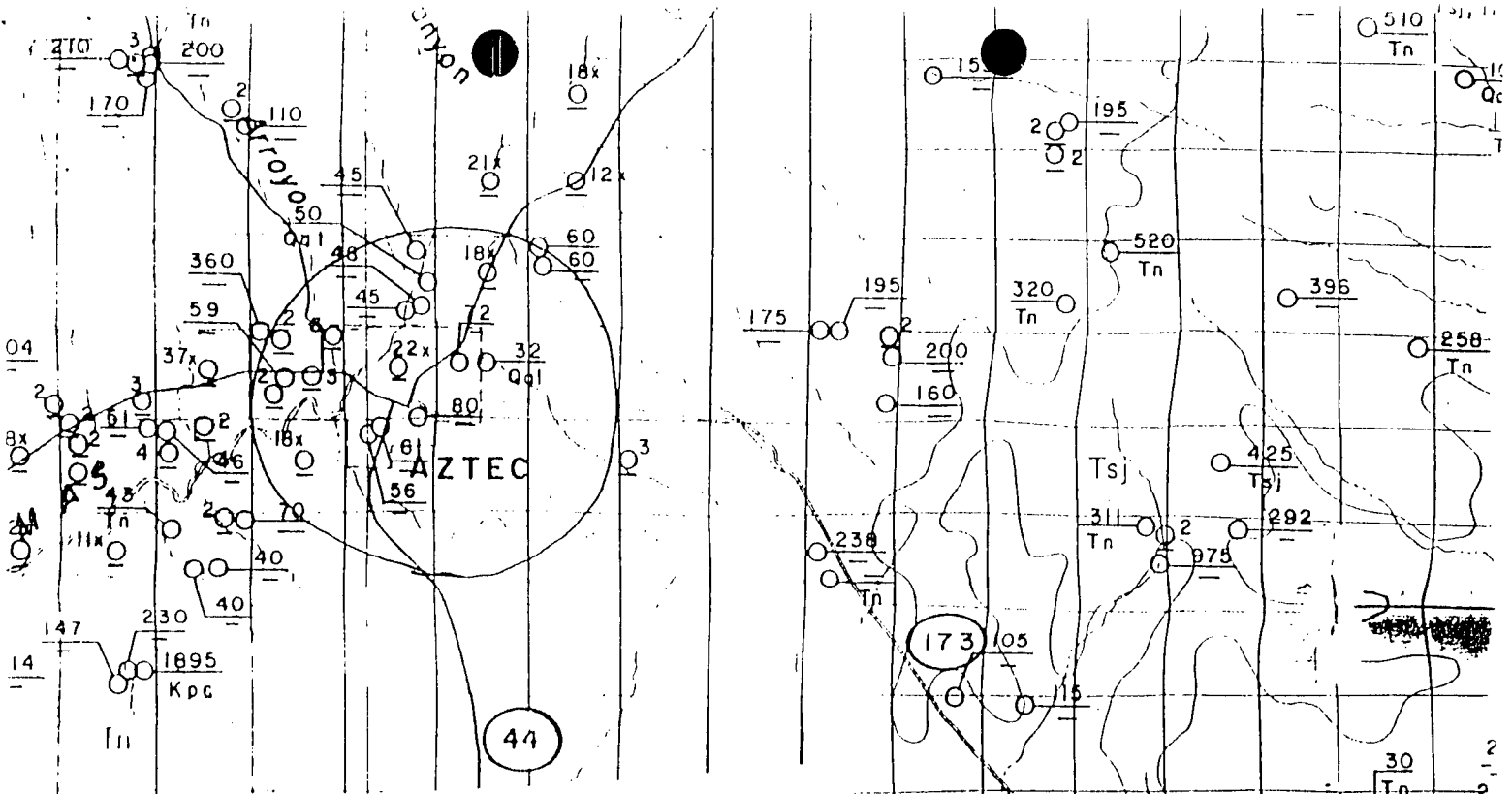
## SOUTHEAST

COMPANY	ORDER NO.	LOCATION	WASTE	DATE
Burro Pipeline	R-3238	Lane Salt Lake S13 T10S R32E	PW	1967
C & C	R-9769-A	S02 T20S R37E	LF	1993
CRI	R-9166	S27 T20S R32E	PW TP S M	1990
Daugherty	R-5464	Crosby Salt Lake S24 T08S R29E S19 T08S R30E	PW	1977
ESSR	---	S01 T26S R31E	LF	1993
Loco Hills	R-6811-A	S16 T17S R30E	PW TP	1982
Parabo	R-5516	S29 T21S R38E	PW TP S M	1977 1983
R & R Inc.	---	S05 T02N R01E	PW	1993
Unichem	R-7113	S26 T23S R29E	PW	1982

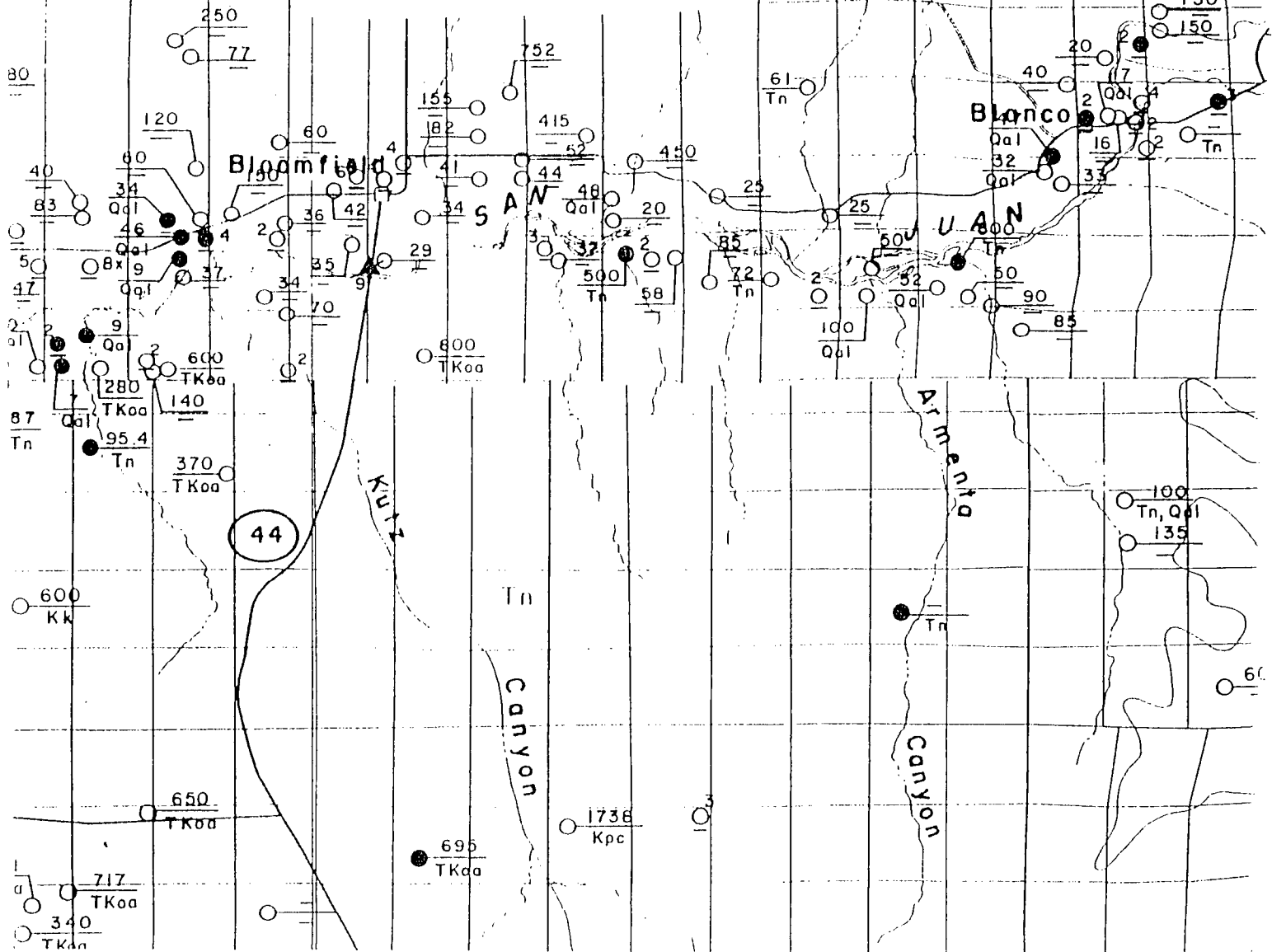
## NORTHWEST

COMPANY	ORDER NO.	LOCATION	WASTE	DATE
Basin Disposal	---	S03 T29N R11W	PW	1985
Envirotech No. 1	---	S26 T27N R11W	LF	1990
Envirotech No. 2	---	S06 T26N R10W	LF	1992
SWWD	---	S04 T29N R09W	PW	1988
Key Energy	R-9485-A	S02 T29N R12W	PW	1991
TNT Construction	---	S08 T25N R03W	PW LF	1990 1992
Tierra	R-9772	S02 T29N R12W	LF	1992

PW - Produced Water  
 TP - Waste Oil Treating Plant  
 S - Solids  
 LF - Landfarm (Solids)  
 M - Drilling Muds



ATTACHMENT NO. 4



TRIASSIC

Rgc - Glen Canyon Group, undivided  
R - Triassic rocks, undivided

PERMIAN

Pc - Cutler Formation

FORMATION CONTACT -- Approximately located

## ATTACHMENT NO. 4

### HYDROLOGIC DATA EXPLANATION

○<sup>20</sup><sub>Qol</sub> WATER WELL--Number is depth of well below land surface, in feet; letters indicate geologic source of water. (See principal water-bearing unit(s) in table 1, and aquifer in table 2.)

○<sup>2</sup> ○<sup>32x</sup> WATER WELLS--Underlined symbol with number indicates the number of closely spaced wells at one location. Number with "x" is the number of wells in that section (one square mile)

◎ OBSERVATION WELL--Water-level measurements have been made periodically\*

σ<sub>Tc</sub> SPRING--Discharge generally greater than 10 gallons per minute (tables 1 and 2); letters indicate probable geologic source of water. (See geologic formation abbreviation in tables 1 and 2.)

△<sup>12</sup> STREAMFLOW GAGING STATION--Active in 1982; number refers to station description and period of record in table 3\*

△ STREAMFLOW GAGING STATION--Discontinued prior to 1982, number refers to station description and period of record in table 3

NOTE: Solid symbols (● ▲ ●~) indicate water-quality data are available \*

\* Ground-water level and surface-water discharge measurements, and water-quality data available from Water Resources Division of U.S. Geological Survey, Albuquerque, New Mexico.



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

Jennifer A. Salisbury  
CABINET SECRETARY

Oil Conservation Div.  
Environmental Bureau  
2040 S. Pacheco  
Santa Fe, NM 87505

March 15, 2000

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. 5050 9405**

Mr. Jerry Lacy  
Aztec Well Servicing Co.  
P.O. Box 100  
Aztec, New Mexico 87410

**RE: Discharge Plan Renewal Notice for Aztec Well Servicing Co. Facility**

Dear Mr. Lacy:

Aztec Well Servicing Co. has the following discharge plan which expires during the current calendar year.

**GW-217 expires 11/6/2000 – Aztec Facility**

**WQCC 3106.F.** If the holder of an approved discharge plan submits an application for discharge plan renewal at least 120 days before the discharge plan expires, and the discharger is not in violation of the approved discharge plan on the date of its expiration, then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved. A discharge plan continued under this provision remains fully effective and enforceable. An application for discharge plan renewal must include and adequately address all of the information necessary for evaluation of a new discharge plan. Previously submitted materials may be included by reference provided they are current, readily available to the secretary and sufficiently identified to be retrieved. [12-1-95]

The discharge plan renewal application for each of the above facilities is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of \$50.00 plus a flat fee equal to one-half of the original flat fee for oil field service company facilities. The \$50.00 filing fee is to be submitted with the discharge plan renewal application and is nonrefundable.

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office. Please submit the original discharge plan renewal application and one copy to the OCD Santa Fe Office and one copy to the OCD Aztec District Office. **Note that the completed and signed application form must be submitted with your discharge plan renewal request.** (A copy of the discharge plan application form is enclosed to aid you in preparing the renewal application. A complete copy of the regulations is available on OCD's website at [www.emnrd.state.nm.us/oecd/](http://www.emnrd.state.nm.us/oecd/)).

Mr. Jerry Lacy  
March 15, 2000  
Page 2

If the above sited facility no longer has any actual or potential discharges and a discharge plan is not needed, please notify this office. If the Aztec Well Servicing Co. has any questions, please do not hesitate to contact me at (505) 827-7152.

Sincerely,



Roger C. Anderson  
Oil Conservation Division

cc: OCD Aztec District Office

U.S. Postal Service	
CERTIFIED MAIL RECEIPT	
(Domestic Mail Only; No Insurance Coverage Provided)	
Article Sent To:	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$
Name (Please Print Clearly) (To be completed by mailer)	
JERRY LACY	
Street, Apt. No.; or PO Box No.	
Aztec Well Serv.	
City, State, ZIP+ 4	
Aztec GW-217	
PS Form 3800, July 1999	
See Reverse for Instructions	

7099 3220 0000 5050 9405

Postmark Here



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

November 7, 1997

Z 357 869 898

US Postal Service

**Receipt for Certified Mail**

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to <i>Jerry Lacy</i>	
Street & Number <i>Aztec Well Serv. Co.</i>	
Post Office, State, & ZIP Code <i>100 Aztec, NM 87410</i>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995

**CERTIFIED MAIL**

**RETURN RECEIPT NO. Z-357-869-898**

Mr. Jerry Lacy  
Aztec Well Servicing Co.  
P.O. Box 100  
Aztec, New Mexico 87410

**RE: Discharge Plan GW-217  
Soil - Beneficial Use  
San Juan County, New Mexico**

Dear Mr. Lacy:

The OCD has reviewed the information submitted in the letter received October 28, 1997 from Aztec Well Servicing Co. for discharge plan **GW-217** facility located in the SW/4 SW/4, Section 16, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico. The proposal as submitted in the above noted letter is **hereby approved** for the "Beneficial Use" of the soil based on the soil analysis submitted and the certification that the soil is non-hazardous in terms of RCRA Subtitle C regulations.

Please be advised that this approval does not relieve **Aztec Well Servicing Co.** from liability should the "Beneficial Use" of the soil result in pollution of surface water, ground water, or the environment.

Sincerely,

W. Jack Ford, C.P.G.  
Geologist  
Environmental Bureau - OCD

xc: Mr. Denny Foust - Environmental Geologist, OCD Aztec District

PHONE: 334-6191  
FAX: 334-8729  
P.O. BOX 100



AZTEC, NEW MEXICO 87410

JERRY WAYNE SANDEL  
PRESIDENT

OCT 28 1997

OIL CONSERVATION DIVISION  
P.O. BOX 6429  
SANTA FE , NM 87505-6429

REFERENCE: CLOSING OF TRIPLE S TRUCKING LAND FARM

ATTENTION: PATRICIO W. SANCHEZ

DEAR MR. SANCHEZ

ON OCTOBER 16 , 1997 AT 9:45 A. M. A COMPOSITE SOIL  
SAMPLE WAS TAKEN FROM TRIPLE S TRUCKING'S LAND FARM  
LOCATED IN AZTEC WELL SERVICING'S BACK YARD . THE  
RESULTS OF THE TEST ARE ENCLOSED . BECAUSE OF THE  
RESULTS OF THIS TEST WE AT THIS TIME REQUEST YOUR  
PERMISSION TO CLOSE THIS LAND FARM . WE PROPOSE  
TO ACCOMPLISH THIS BY SPREADING THIS SOIL ON THE  
SURFACE OF AZTEC WELL SERVICING CO.'S TWO YARDS.  
WE WILL TAKE NO ACTIONS UNTIL WE RECIEVE YOUR  
REPLY OR HEAR FROM MR. DENNY FOUST. THANK YOU  
FOR YOUR HELP ON THIS MATTER .

SINCERELY ,

JERRY LACY  
SAFETY SUPERVISOR

OFF: (505) 325-5667



LAB: (505) 325-1556

**ANALYTICAL REPORT**

Attn: *Jerry Lacy*  
 Company: *Triple S Trucking*  
 Address: *900 S. Main*  
 City, State: *Aztec, NM 87410*

Date: *20-Oct-97*  
 COC No.: *6530*  
 Sample No.: *16610*  
 Job No.: *2-1000*

Project Name: *Triple S Trucking*  
 Project Location: *Triple S Trucking Landfarm*  
 Sampled by: *JL*  
 Analyzed by: *DC/HR*  
 Sample Matrix: *Soil*

Date: *16-Oct-97* Time: *9:45*  
 GRO Date: *16-Oct-97*  
 DRO Date: *17-Oct-97*

**Laboratory Analysis**

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Gasoline Range Organics (C5 - C9)</i>	ND	mg/kg	0.5	mg/kg
<i>Diesel Range Organics (C10 - C28)</i>	331	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

**Quality Assurance Report**

GRO QC No.: 0554-STD  
 DRO QC No.: 0555-STD

**Continuing Calibration Verification**

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
<i>Gasoline Range (C5 - C9)</i>	ND	ppb	1,801	1,906	5.7	15%
<i>Diesel Range (C10 - C28)</i>	ND	ppm	100	94	6.4	15%

**Matrix Spike**

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Gasoline Range (C5-C9)</i>	65	65	(80-120)	0	20%
<i>Diesel Range (C10-C28)</i>	93	92	(75-125)	1	20%

Method: SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: *[Signature]*  
 Date: *10/20/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -





NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

January 24, 1997

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-288-258-747**

Mr. Jerry Lacy  
Aztec Well Servicing Co.  
P.O. Box 100  
Aztec, NM 87410

**RE: Discharge Plan GW-217**  
**Soil - Beneficial Use**  
**San Juan County, New Mexico**

Dear Mr. Lacy:

The OCD has reviewed the information submitted in the letters dated January 2, 1997 and January 24, 1997 from Aztec Well Serving Co. for **discharge plan GW-217** facility located in the SW/4 SW/4, Section 16, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico. The proposal as submitted in the above mentioned **is hereby approved** for the "Beneficial Use" of the soil based on your analysis and certification that the soil is non-hazardous in terms of RCRA Subtitle C regulations.

Please be advised that this approval does not relieve **Aztec Well Service Co.** from liability should the "Beneficial Use" of the soil result in pollution of surface water, ground water, or the environment.

Sincerely,

Patricio W. Sanchez  
Petroleum Engineering Specialist  
Environmental Bureau - OCD

xc: Mr. Denny Foust - Environmental Geologist, OCD Aztec District

P 28A 258 747

US Postal Service

**Receipt for Certified Mail**

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to <i>Mr. Jerry Lacy</i>	
Street & Number <i>AWS - GW-217</i>	
Post Office, State, & ZIP Code <i>Sail Ben. Use.</i>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995

PHONE 334-6191  
P.O. BOX 100



AZTEC, NEW MEXICO 87410

JERRY WAYNE SANDEL  
PRESIDENT

27

January 24, 1997

New Mexico Energy Minerals  
& Natural Resources Dept.  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, N.M. 87505

RECEIVED

JAN 27 1997

Environmental Division  
Oil Conservation Division

Attn: Patricio W. Sanchez

Dear Mr. Sanchez:

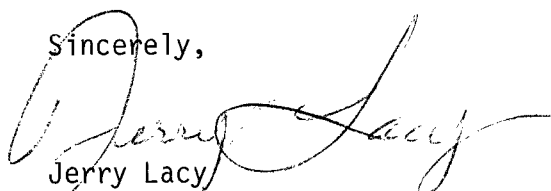
Enclosed are test results on soil that was removed from the area of the Aztec Well Servicing Co. wash bay. This soil was primarily contaminated by chain oil spilled from a units chain guard.

I took the sample on July 1, 1996. The sample was a composite sample taken from five different areas of a tarp (located next to Triple S land farm and contains about two cubic yards of soil).

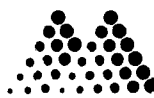
Results show that sample contains no hazardous materials. We would request permission to add this soil to the asphalt mix when paving project is done.

Thank you for your consideration.

Sincerely,



Jerry Lacy  
Safety Supervisor



## Mountain States Analytical

The Quality Solution

On Site Technologies, Ltd.  
612 E Murray Drive  
Farmington, NM 87401

Attn: Mr. David Cox  
Project: Triple S Landfarm

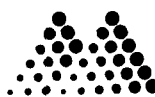
Sample ID: Tarp-Edge of Landfarm Soil  
Matrix: Soil ( BY TRIPLE S LANDFARM)  
COLLECTED BY JERRY LACY

RECEIVED

JAN 27 1997

Environmental MSAL Sample: 49755  
Oil Conservation MSAL Group: 12613  
Date Reported: 07/18/96  
Discard Date: 08/17/96  
Date Submitted: 07/03/96  
Date Sampled: 07/01/96  
Collected by: DC  
Purchase Order: 4247  
Project No.:

Test Analysis	Results as Received	Units	Limit of Quantitation
0246G Barium by ICP, TCLP Method: SW-846 6010A	ND	mg/l	1.0
0249G Cadmium by ICP, TCLP Method: SW-846 6010A	0.03	mg/l	0.02
0251G Chromium by ICP, TCLP Method: SW-846 6010A	ND	mg/l	0.02
0255G Lead by ICP, TCLP Method: SW-846 6010A	2.7	mg/l	0.2
0259T Mercury by CVAA, TCLP Method: SW-846 7470	ND	mg/l	0.0005
0266G Silver by ICP, TCLP Method: SW-846 6010A	ND	mg/l	0.02
0392N Mercury Prep CVAA, TCLP Method: SW-846 7470	Complete		
0392T Flame/ICP Prep For Metals, TCLP Method: SW-846 3010A	Complete		
1045G Arsenic by ICP, TCLP Method: SW-846 6010A	ND	mg/l	0.10
1064G Selenium by ICP, TCLP Method: SW-846 6010A	ND	mg/l	0.30
0395 Corrosivity Method: SW-846 9045C	8.47	Std. Units	0.01


**Mountain States Analytical**

On Site Technologies, Ltd.

*The Quality Solution*

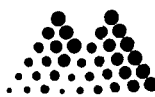
Page 2

MSAI Sample: 49755

MSAI Group: 12613

Sample ID: Tarp-Edge of LandfarmSoil

Test	Analysis	Results as Received	Units	Limit of Quantitation
----	-----	-----	-----	-----
0542	Ignitability			
	Method: D-93-79 MOD ASTM			
	Ignitable upon water contact	Negative	Degrees F	(1)
	Ignitable by friction	Negative	Degrees F	
	Spontaneously combusts in air	Negative	Degrees F	
	Ignitability	> 146	Degrees F	50
0946	TCLP Extraction, ZHE	100	% Solids	0.001
	Method: SW-846 1311			
0947	TCLP Extract., Non-volatile Org.			
	Method: SW-846 1311			
	TCLP extraction (SVOA)	100	% Solids	0.001
	TCLP Extraction (Pest)	NA	% Solids	0.001
	TCLP Extraction (Herb)	NA	% Solids	0.001
0947M	TCLP Extraction, Metals	100	% Solids	0.001
	Method: SW-846 1311			
1121	Reactivity, (Cyanide & Sulfide)			
	Method: SW-846 CHAPTER 7.3			
	Cyanide (reactive)	ND	mg/kg	120
	Sulfide (reactive)	ND	mg/kg	410
0948	Volatiles, TCLP 8240A			
	Method: SW-846 8240A			
	Benzene	ND	mg/l	0.050
	Carbon tetrachloride	ND	mg/l	0.050
	Chlorobenzene	ND	mg/l	0.050
	Chloroform	ND	mg/l	0.050
	1,2-Dichloroethane	ND	mg/l	0.050
	1,1-Dichloroethene	ND	mg/l	0.050
	2-Butanone (MEK)	ND	mg/l	0.20
	Tetrachloroethene	ND	mg/l	0.050
	Trichloroethene	ND	mg/l	0.050
	Vinyl chloride	ND	mg/l	0.10
	1,4-Dichlorobenzene	ND	mg/l	0.050
0949	Semi-Volatiles, TCLP			
	Method: SW-846 8270A			
	2,4-Dinitrotoluene	ND	mg/l	0.040



## Mountain States Analytical

On Site Technologies, Ltd.

*The Quality Solution*

Page 3

Sample ID: Tarp-Edge of LandfarmSoil

MSAI Sample: 49755  
MSAI Group: 12613

Test	Analysis	Results as Received	Units	Limit of Quantitation
----	-----	-----	-----	-----
0949	Semi-Volatiles, TCLP Method: SW-846 8270A			
	Hexachlorobenzene	ND	mg/l	0.040
	Hexachloro-1,3-butadiene	ND	mg/l	0.040
	Hexachloroethane	ND	mg/l	0.040
	Nitrobenzene	ND	mg/l	0.040
	Pyridine	ND	mg/l	0.040
	2-Methylphenol (o-Cresol)	ND	mg/l	0.040
	3 and 4- Methylphenol (m+p cresol)	ND	mg/l	0.040
	Pentachlorophenol	ND	mg/l	0.200
	2,4,5-Trichlorophenol	ND	mg/l	0.040
	2,4,6-Trichlorophenol	ND	mg/l	0.040
3000T	SVOA Extraction, TCLP Method: SW-846 3510/3520	Complete	mg/l	

(1) Non-flammable vapors extinguished flame at >146 F.

ND - Not detected at the limit of quantitation

Respectfully Submitted,  
Reviewed and Approved by:

  
Rolf E. Larsen  
Project Manager

Mountain States Analytical, Inc.  
Daily QC Batching Data  
Data Released for Reporting

07/18/96  
09:48:36  
Group: 12613

Analysis Batch Number: 0259T-07/15/96-005 -1  
Test Identification : 0259T-Mercury by CVAA, TCLP  
Number of Samples : 18  
Batch Data-Date/Time : 07/15/96 / 15:45:35

Sequence : 0259T-1

BLANK#	ANALYTE	CONC FOUND #	CONC LIMIT
PBW-1-502	Mercury	-0.0100	0.5000
PBW-2-502-2	Mercury	-0.0300	0.5000

SPIKE						QC LIMITS	
SAMPLE#	ANALYTE	CONC ADDED	CONC SAMPLE	CONC SPIKE	% REC #	LOWER	UPPER
12614-49770	Mercury	1.0000	0.0400	1.1200	108.0	80.0	120.0

MSD						QC LIMITS			
SAMPLE#	ANALYTE	CONC ADDED	CONC SAMPLE	RESULT 2	%REC2 #	LOWER	UPPER	RPD #	LIMIT
12614-49770	Mercury	1.0000	0.0400	1.1000	106.0	80.0	120.0	1.9	20.0

DUPLICATE							
SAMPLE#	ANALYTE	RESULT 1	RESULT 2	RPD #	LIMIT	DILUTION	
12614-49770	Mercury	0.0400	0.0800	66.7(11)	20.0	1.00	

CONTROL		QC LIMITS				
SAMPLE#	ANALYTE	CONC FOUND	CONC KNOWN	% REC #	LOWER	UPPER
	Mercury	2.5600	2.5000	102.4	80.0	120.0

		QC LIMITS				
CCV #	ANALYTE	TRUE VALUE	BATCH READ	% REC #	LOWER	UPPER
1	Mercury	2.0000	1.9000	95.0	90.0	110.0
2	Mercury	2.5000	2.4600	98.4	90.0	110.0
3	Mercury	2.5000	2.5500	102.0	90.0	110.0
4	Mercury	2.5000	2.4900	99.6	90.0	110.0
5	Mercury	2.5000	2.5700	102.8	90.0	110.0
6	Mercury	2.5000	2.3000	92.0	90.0	110.0

CCB#	ANALYTE	CONC FOUND #	CONC LIMIT
1	Mercury	0.0400	0.5000
2	Mercury	0.0500	0.5000
3	Mercury	0.0500	0.5000
4	Mercury	0.0900	0.5000
5	Mercury	0.0800	0.5000
6	Mercury	0.0400	0.5000

----- Result Footnotes -----  
(11) - Both Duplicate results are less than the LOQ.

## Groups &amp; Samples

12612-49754	12613-49755	12614-49770	12614-49771	12616-49786	12620-49794	12622-49798	12626-49848
12626-49849	12630-49837	12630-49838	12630-49839	12648-49923	12648-49924	12648-49925	12648-49926
12648-49927	12648-49928	12678-50026					

Mountain States Analytical, Inc.  
Daily QC Batching Data  
Data Released for Reporting

07/18/96  
09:48:44  
Group: 12613

Analysis Batch Number: ICPWA-07/11/96-010 -2  
Test Identification : ICPWA-Metals by ICP  
Number of Samples : 11  
Batch Date/Time : 07/12/96 / 07:45:36

Sequence : DATB193

BLANK#	ANALYTE	CONC FOUND #	CONC LIMIT
PBW1-494	Arsenic	0.0275	0.0500
	Barium	0.0029	0.2000
	Cadmium	ND	0.0050
	Chromium	0.0051	0.0100
	Copper	0.0047	0.0250
	Selenium	0.0097	0.1000
	Silver	0.0021	0.0100
	Zinc	0.0266	0.0600
PBW2-494-2	Arsenic	0.0133	0.0500
	Barium	0.0007	0.2000
	Cadmium	ND	0.0050
	Chromium	0.0034	0.0100
	Copper	0.0037	0.0250
	Selenium	0.0353	0.1000
	Silver	0.0009	0.0100
	Zinc	0.0204	0.0600

SPIKE							QC LIMITS	
SAMPLE#	ANALYTE	CONC ADDED	CONC SAMPLE	CONC SPIKE	% REC #		LOWER	UPPER
12633-49855	Arsenic	2.0000	0.0307	2.1999	108.5		80.0	120.0
	Barium	2.0000	0.5422	2.3507	90.4		80.0	120.0
	Cadmium	0.0500	0.4006	0.4361	71.0(2a)		80.0	120.0
	Chromium	0.2000	0.3973	0.5891	95.9		80.0	120.0
	Copper	0.2500	0.0785	0.3199	96.6		80.0	120.0
	Selenium	2.0000	0.0117	2.1401	106.4		80.0	120.0
	Silver	0.0500	-0.0011	0.0553	112.8		80.0	120.0
	Zinc	0.5000	393.3533	384.4631	***** (2a)		80.0	120.0
12633-49855-2	Arsenic	2.0000	0.2181	2.3134	104.8		80.0	120.0
	Barium	2.0000	0.5809	2.5301	97.5		80.0	120.0
	Cadmium	0.0500	0.3751	0.4276	105.0		80.0	120.0
	Chromium	0.2000	0.4190	0.6209	101.0		80.0	120.0
	Copper	0.2500	0.1005	0.3419	96.6		80.0	120.0
	Selenium	2.0000	-0.1321	2.3464	123.9(8a)		80.0	120.0
	Silver	0.0500	0.0122	0.0697	115.0		80.0	120.0
	Zinc	0.5000	425.0650	423.3286	-347.3(2a)		80.0	120.0

MSD							QC LIMITS			
SAMPLE#	ANALYTE	CONC ADDED	CONC SAMPLE	RESULT 2	%REC2 #		LOWER	UPPER	RPD #	LIMIT
12633-49855	Arsenic	2.0000	0.0307	2.0924	103.1		80.0	120.0	5.1	20.0
	Barium	2.0000	0.5422	2.2954	87.7		80.0	120.0	3.0	20.0
	Cadmium	0.0500	0.4006	0.4191	37.0(2a)		80.0	120.0	63.0(1a)	20.0
	Chromium	0.2000	0.3973	0.5609	81.8		80.0	120.0	15.9	20.0
	Copper	0.2500	0.0785	0.3094	92.4		80.0	120.0	4.4	20.0
	Selenium	2.0000	0.0117	2.0547	102.2		80.0	120.0	4.0	20.0
	Silver	0.0500	-0.0011	0.0514	105.0		80.0	120.0	7.2	20.0
	Zinc	0.5000	393.3533	2376.1936	***** (2a)		80.0	120.0	201.8(1a)	20.0
12633-49855-2	Arsenic	2.0000	0.2181	2.2723	102.7		80.0	120.0	2.0	20.0
	Barium	2.0000	0.5809	2.5843	100.2		80.0	120.0	2.7	20.0
	Cadmium	0.0500	0.3751	0.4407	131.2(8a)		80.0	120.0	22.2(8a)	20.0
	Chromium	0.2000	0.4190	0.6093	95.1		80.0	120.0	6.0	20.0



Mountain States Analytical, Inc.  
Daily QC Batching Data  
Data Released for Reporting

07/18/96  
09:48:48  
Group: 12613

Analysis Batch Number: ICPWA-07/11/96-010 -2  
Test Identification : ICPWA-Metals by ICP  
Number of Samples : 11  
Batch Data-Date/Time : 07/12/96 / 07:45:36

Sequence : DATB193

## MSD

SAMPLE#	ANALYTE	QC LIMITS							
		CONC ADDED	CONC SAMPLE	RESULT 2	%REC2 #	LOWER	UPPER	RPD #	LIMIT
12633-49855-2	Copper	0.2500	0.1005	0.3419	96.6	80.0	120.0	0.0	20.0
	Selenium	2.0000	-0.1321	2.1797	115.6	80.0	120.0	6.9	20.0
	Silver	0.0500	0.0122	0.0659	107.4	80.0	120.0	6.8	20.0
	Zinc	0.5000	425.0650	428.2395	634.9(2a)	80.0	120.0	683.0(1a)	20.0

## DUPLICATE

SAMPLE#	ANALYTE	RESULT 1	RESULT 2	RPD #	LIMIT	DILUTION
12633-49855	Arsenic	0.0307	0.0394	24.8(11)	20.0	1.00
	Barium	0.5422	0.5326	1.8	20.0	1.00
	Cadmium	0.4006	0.3819	4.8	20.0	1.00
	Chromium	0.3973	0.3807	4.3	20.0	1.00
	Copper	0.0785	0.0781	0.5	20.0	1.00
	Selenium	0.0117	0.0812	149.6(11)	20.0	1.00
	Silver	-0.0011	0.0004	428.6(11)	20.0	1.00
	Zinc	393.3533	1384.2625	111.5(8a)	20.0	1.00
12633-49855-2	Arsenic	0.2181	0.0326	148.0(3a)	20.0	5.00
	Barium	0.5809	0.5778	0.5	20.0	5.00
	Cadmium	0.3751	0.3693	1.6	20.0	5.00
	Chromium	0.4190	0.4247	1.4	20.0	5.00
	Copper	0.1005	0.0942	6.5	20.0	5.00
	Selenium	-0.1321	0.0000	200.0(11)	20.0	5.00
	Silver	0.0122	0.0198	47.5(3a)	20.0	5.00
	Zinc	425.0650	423.1504	0.5	20.0	5.00

## CONTROL

SAMPLE#	ANALYTE	QC LIMITS			
		CONC FOUND	CONC KNOWN	% REC #	LOWER UPPER
LCSW-494	Arsenic	1.9446	2.0000	97.2	80.0 120.0
	Barium	1.8930	2.0000	94.7	80.0 120.0
	Cadmium	0.0474	0.0500	94.8	80.0 120.0
	Chromium	0.1911	0.2000	95.6	80.0 120.0
	Copper	0.2381	0.2500	95.2	80.0 120.0
	Selenium	1.8490	2.0000	92.5	80.0 120.0
	Silver	0.0500	0.0500	100.0	80.0 120.0
	Zinc	0.5240	0.5000	104.8	80.0 120.0

## QC LIMITS

CCV #	ANALYTE	TRUE VALUE	BATCH READ	% REC #	LOWER	UPPER
ICV-	Arsenic	1.6000	1.6230	101.4	90.0	110.0
	Barium	4.0000	3.8333	95.8	90.0	110.0
	Cadmium	4.0000	3.9353	98.4	90.0	110.0
	Chromium	4.0000	3.8967	97.4	90.0	110.0
	Copper	4.0000	3.8558	96.4	90.0	110.0
	Selenium	1.6000	1.5395	96.2	90.0	110.0
	Silver	0.4000	0.3913	97.8	90.0	110.0
	Zinc	4.0000	3.8959	97.4	90.0	110.0
CCV1--2	Arsenic	1.6000	1.5936	99.6	90.0	110.0
	Barium	4.0000	3.8396	96.0	90.0	110.0
	Cadmium	4.0000	3.9447	98.6	90.0	110.0
	Chromium	4.0000	3.9121	97.8	90.0	110.0

Mountain States Analytical, Inc.  
Daily QC Batching Data  
Data Released for Reporting

07/18/96  
09:48:52  
Group: 12613

Analysis Batch Number: ICPWA-07/11/96-010 -2  
Test Identification : ICPWA-Metals by ICP  
Number of Samples : 11  
Batch Data-Date/Time : 07/12/96 / 07:45:36

Sequence : DATB193

CCV #	ANALYTE	TRUE VALUE	BATCH READ	% REC #	QC LIMITS	
					LOWER	UPPER
CCV1--2	Copper	4.0000	3.8469	96.2	90.0	110.0
	Selenium	1.6000	1.5521	97.0	90.0	110.0
	Silver	0.4000	0.3907	97.7	90.0	110.0
	Zinc	4.0000	3.8993	97.5	90.0	110.0
CCV2--3	Arsenic	1.6000	1.5857	99.1	90.0	110.0
	Barium	4.0000	3.8488	96.2	90.0	110.0
	Cadmium	4.0000	3.8998	97.5	90.0	110.0
	Chromium	4.0000	3.8286	95.7	90.0	110.0
	Copper	4.0000	3.8883	97.2	90.0	110.0
	Selenium	1.6000	1.5672	97.9	90.0	110.0
	Silver	0.4000	0.3920	98.0	90.0	110.0
	Zinc	4.0000	3.8320	95.8	90.0	110.0
CCV3--4	Arsenic	1.6000	1.6256	101.6	90.0	110.0
	Barium	4.0000	3.7313	93.3	90.0	110.0
	Cadmium	4.0000	3.8977	97.4	90.0	110.0
	Chromium	4.0000	3.8178	95.4	90.0	110.0
	Copper	4.0000	3.7270	93.2	90.0	110.0
	Selenium	1.6000	1.5110	94.4	90.0	110.0
	Silver	0.4000	0.3895	97.4	90.0	110.0
	Zinc	4.0000	3.8017	95.0	90.0	110.0
CCV4--5	Arsenic	1.6000	1.6624	103.9	90.0	110.0
	Barium	4.0000	3.8212	95.5	90.0	110.0
	Cadmium	4.0000	4.0022	100.1	90.0	110.0
	Chromium	4.0000	3.9256	98.1	90.0	110.0
	Copper	4.0000	3.8110	95.3	90.0	110.0
	Selenium	1.6000	1.5691	98.1	90.0	110.0
	Silver	0.4000	0.3984	99.6	90.0	110.0
	Zinc	4.0000	3.9039	97.6	90.0	110.0

CCB#	ANALYTE	CONC FOUND #	CONC LIMIT
ICB-	Arsenic	0.0055	0.0500
	Barium	0.0001	0.2000
	Cadmium	ND	0.0050
	Chromium	ND	0.0100
	Copper	ND	0.0250
	Selenium	0.0313	0.1000
	Silver	ND	0.0100
	Zinc	ND	0.0600
CCB1-	Arsenic	0.0098	0.0500
	Barium	ND	0.2000
	Cadmium	ND	0.0050
	Chromium	ND	0.0100
	Copper	0.0006	0.0250
	Selenium	0.0650	0.1000
	Silver	0.0004	0.0100
	Zinc	ND	0.0600
CCB2-	Arsenic	0.0202	0.0500
	Barium	0.0002	0.2000
	Cadmium	ND	0.0050

Mountain States Analytical, Inc.  
Daily QC Batching Data  
Data Released for Reporting

07/18/96  
09:48:56  
Group: 12613

Analysis Batch Number: ICPWA-07/11/96-010 -2  
Test Identification : ICPWA-Metals by ICP  
Number of Samples : 11  
Batch Data-Date/Time : 07/12/96 / 07:45:36

Sequence : DATB193

CCB#	ANALYTE	CONC FOUND #	CONC LIMIT
CCB2-	Chromium	0.0010	0.0100
	Copper	0.0006	0.0250
	Selenium	ND	0.1000
	Silver	ND	0.0100
	Zinc	0.0003	0.0600
CCB3-	Arsenic	0.0244	0.0500
	Barium	0.0003	0.2000
	Cadmium	ND	0.0050
	Chromium	0.0001	0.0100
	Copper	0.0006	0.0250
	Selenium	ND	0.1000
	Silver	0.0013	0.0100
CCB4-	Zinc	ND	0.0600
	Arsenic	0.0343	0.0500
	Barium	0.0004	0.2000
	Cadmium	ND	0.0050
	Chromium	0.0022	0.0100
	Copper	0.0022	0.0250
	Selenium	0.0634	0.1000
CCB4-	Silver	0.0029	0.0100
	Zinc	ND	0.0600
	Arsenic	0.0267	0.0500
	Barium	0.0002	0.2000
	Cadmium	ND	0.0050
	Chromium	0.0001	0.0100
	Copper	0.0007	0.0250
CCB4-	Selenium	0.0319	0.1000
	Silver	0.0035	0.0100
	Zinc	ND	0.0600

## ----- Result Footnotes -----

- (2a) - Recovery is valid because sample conc. is >4x spike conc.  
(8a) - See comments below.  
(1a) - RPD has no significance due to insignificant spikes.  
(11) - Both Duplicate results are less than the LOQ.  
(3a) - Duplicate is valid because result is <5x the detection limit

## ----- Batch Notes -----

The second duplicate, matrix spike and matrix spike duplicate are for zinc only. A dilution was required for analysis.

## Groups &amp; Samples

-----  
12612-49754 12613-49755 12633-49855 12638-49876 12638-49877 12638-49878 12638-49879 12638-49880  
12638-49881 12657-49963

Mountain States Analytical, Inc.  
Daily QC Batching Data  
Data Released for Reporting

07/18/96  
09:49:03  
Group: 12613

Analysis Batch Number: TCLPI-07/12/96-010 -1  
Test Identification : TCLPI-TCLP Metals by ICP  
Number of Samples : 4  
Batch Date/Time : 07/12/96 / 11:31:14

Sequence : DATA194

BLANK#	ANALYTE	CONC FOUND #	CONC LIMIT
PBW1-494	Lead	0.0067	0.0350
PBW2-494-2	Lead	ND	0.0350

						QC LIMITS	
SAMPLE#	ANALYTE	CONC ADDED	CONC SAMPLE	CONC SPIKE	% REC #	LOWER	UPPER
12633-49855	Lead	0.5000	3.2207	3.8083	117.5	80.0	120.0

						QC LIMITS			
SAMPLE#	ANALYTE	CONC ADDED	CONC SAMPLE	RESULT 2	%REC2 #	LOWER	UPPER	RPD #	LIMIT
12633-49855	Lead	0.5000	3.2207	3.5566	67.2(2a)	80.0	120.0	54.5(1a)	20.0

DUPLICATE						
SAMPLE#	ANALYTE	RESULT 1	RESULT 2	RPD #	LIMIT	DILUTION
12633-49855	Lead	3.2207	3.1264	3.0	20.0	1.00

						QC LIMITS	
SAMPLE#	ANALYTE	CONC FOUND	CONC KNOWN	% REC #	LOWER	UPPER	
LCSW-494	Lead	0.5722	0.5000	114.4	80.0	120.0	

						QC LIMITS	
CCV #	ANALYTE	TRUE VALUE	BATCH READ	% REC #	LOWER	UPPER	
ICV-	Lead	20.0000	19.5148	97.6	90.0	110.0	
CCV1--2	Lead	20.0000	19.7057	98.5	90.0	110.0	
CCV2--3	Lead	20.0000	20.0125	100.1	90.0	110.0	
CCV3--4	Lead	20.0000	20.1048	100.5	90.0	110.0	

CCB#	ANALYTE	CONC FOUND #	CONC LIMIT
ICB-	Lead	ND	0.0350
CCB1-	Lead	ND	0.0350
CCB2-	Lead	ND	0.0350
CCB3-	Lead	ND	0.0350

----- Result Footnotes -----  
(2a) - Recovery is valid because sample conc. is >4x spike conc.  
(1a) - RPD has no significance due to insignificant spikes.

## Groups &amp; Samples

-----  
12612-49754 12613-49755 12633-49855 12657-49963

Mountain States Analytical				
QA/QC Verification Data Inorganic, Wet Chemistry				
Lab Group No: <u>12613</u>		Date: _____	Client: _____	
Data Correction Required				
Sample No.	Test No.	Incorrect	Correct	Reason
49755	1121			
Data Approved (Y/N): _____		Initial: _____		

[illegible]

Mountain States Analytical, Inc.  
Daily QC Batching Data  
Data Released for Reporting07/11/96  
13:01:49  
Group: 12613Analysis Batch Number: 0542 -07/09/96-114 -1  
Test Identification : 0542 -Ignitability  
Number of Samples : 6  
Batch Data-Date/Time : 07/10/96 / 09:36:19

Sequence :

## DUPLICATE

<u>SAMPLE#</u>	<u>ANALYTE</u>	<u>RESULT 1</u>	<u>RESULT 2</u>	<u>RPD #</u>	<u>LIMIT</u>	<u>DILUTION</u>
12581-49644	Ignitable upon water contact	209.0000	211.0000	1.0	20.0	1.00

## CONTROL

<u>SAMPLE#</u>	<u>ANALYTE</u>	<u>CONC FOUND</u>	<u>CONC KNOWN</u>	<u>% REC #</u>	<u>QC LIMITS</u>	
					<u>LOWER</u>	<u>UPPER</u>
STD-1	Ignitable upon water contact	82.0000	81.0000	101.2	90.0	110.0

## Groups &amp; Samples

-----  
12561-49567    12581-49644    12589-49662    12591-49665    12613-49755    12626-49843

Mountain States Analytical, Inc.  
Daily QC Batching Data  
Data Released for Reporting07/11/96  
13:01:48  
Group: 12613Analysis Batch Number: 0395 -07/09/96-066 -1  
Test Identification : 0395 -Corrosivity  
Number of Samples : 2  
Batch Date-Time : 07/09/96 / 12:18:21

Sequence :

## DUPLICATE

<u>SAMPLE#</u>	<u>ANALYTE</u>	<u>RESULT 1</u>	<u>RESULT 2</u>	<u>RPD #</u>	<u>LIMIT</u>	<u>DILUTION</u>
12630-49837	pH of soil slurry	12.4900	12.5200	0.2	1.0	1.00
12613-49755	pH of soil slurry	8.4700	8.4200	0.6	1.0	1.00

## CONTROL

<u>SAMPLE#</u>	<u>ANALYTE</u>	<u>CONC FOUND</u>	<u>CONC KNOWN</u>	<u>% REC #</u>	<u>QC LIMITS</u>	
					<u>LOWER</u>	<u>UPPER</u>
STD-2	pH of soil slurry	3.9700	4.0000	99.3	96.6	103.3
STD-2	pH of soil slurry	12.0900	12.0000	100.8	96.6	103.3

## Groups &amp; Samples

-----  
12613-49755    12630-49837

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK01

Lab Name: MTN. STATES ANALYTICAL

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 960710WL

Matrix: (soil/water) WATER

Lab Sample ID: 960710WB

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: W7500

Level: (low/med) LOW

Date Received:

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 07/10/96

Column: (pack/cap) CAP

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
---------	----------	--	---

74-87-3-----	Chloromethane	10	U
75-01-4-----	Vinyl Chloride	10	U
74-83-9-----	Bromomethane	10	U
75-00-3-----	Chloroethane	10	U
67-64-1-----	Acetone	10	U
75-35-4-----	1,1-Dichloroethene	5	U
75-09-2-----	Methylene Chloride	5	U
75-15-0-----	Carbon Disulfide	5	U
156-60-5-----	trans-1,2-Dichloroethene	5	U
108-05-4-----	Vinyl Acetate	10	U
75-34-3-----	1,1-Dichloroethane	5	U
78-93-3-----	2-Butanone	10	U
156-59-2-----	cis-1,2-Dichloroethene	5	U
67-66-3-----	Chloroform	5	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
107-06-2-----	1,2-Dichloroethane	5	U
71-43-2-----	Benzene	5	U
79-01-6-----	Trichloroethene	5	U
78-87-5-----	1,2-Dichloropropane	5	U
75-27-4-----	Bromodichloromethane	5	U
100-75-8-----	2-Chloroethyl Vinyl Ether	20	U
10061-01-5-----	cis-1,3-Dichloropropene	5	U
108-88-3-----	Toluene	1	J
10061-02-6-----	trans-1,3-Dichloropropene	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	U
124-48-1-----	Dibromochloromethane	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
108-38-3/106-42-m+p-	Xylene	5	U
95-47-6-----	o-Xylene	5	U



1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK01

Lab Name: MTN. STATES ANALYTICAL

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 960710WL

Matrix: (soil/water) WATER

Lab Sample ID: 960710WB

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: W7500

Level: (low/med) LOW

Date Received:

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 07/10/96

Column: (pack/cap) CAP

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/L
			Q
100-42-5-----	Styrene	5	U
75-25-2-----	Bromoform	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U

3A  
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MTN. STATES ANALYTICAL

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: 960710WL

Matrix Spike - EPA Sample No.: VRU

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE AMOUNT (ug/L)	MS AMOUNT (ug/L)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	20	0.0	21	105	61-145
Benzene	20	15	37	110	76-127
Trichloroethene	20	0.0	21	105	71-120
Toluene	20	0.0	21	105	76-125
Chlorobenzene	20	0.0	20	100	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD AMOUNT (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
1,1-Dichloroethene	20	20	100	5	14	61-145
Benzene	20	37	110	0	11	76-127
Trichloroethene	20	25	125*	17*	14	71-120
Toluene	20	20	100	5	13	76-125
Chlorobenzene	20	19	95	5	13	75-130

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

RPD: 1 out of 5 outside limits

Spike Recovery: 1 out of 10 outside limits

COMMENTS:

Mountain States Analytical

RECOVERY REPORT

Client Name: Client SDG: 960710WL  
Sample Matrix: LIQUID Fraction: VOA  
Lab Smp Id: 960710WL Client Smp ID: 20PPB LCS  
Level: LOW Operator: MIKE SUPER GRP.  
Data Type: MS DATA SampleType: LCS  
SpikeList File: lcs.spk Quant Type: ISTD  
Method File: /chem/HP\_4.1/960710wl.b/voa4.m  
Misc Info: HP-4 [960710WL] ;1 ;5 ;960710WL ;960710WL

SPIKE COMPOUND	AMOUNT ADDED ug/L	AMOUNT RECOVERED ug/L	% RECOVERED	LIMITS
3 Chloromethane	20	19	96.90	1-273
4 Vinyl Chloride	20	20	98.30	1-251
6 Bromomethane	20	20	98.08	1-242
7 Chloroethane	20	18	89.12	1-203
15 1,1-Dichloroethene	20	21	107.13	1-234
21 Methylene Chloride	20	20	100.18	1-221
25 trans-1,2-Dichloro	20	22	108.37	54-156
27 1,1-Dichloroethane	20	20	99.66	59-155
34 Chloroform	20	18	92.88	51-138
39 1,1,1-Trichloroeth	20	20	100.45	52-162
41 Carbon Tetrachlori	20	21	103.97	70-140
42 1,2-Dichloroethane	20	23	114.51	49-155
44 Benzene	20	23	115.70	37-151
47 Trichloroethene	20	20	100.96	71-157
48 1,2-Dichloropropan	20	20	102.61	1-210
50 Bromodichlorometha	20	22	112.14	35-155
54 2-Chloroethyl Viny	20	23	113.57	1-305
56 cis-1,3-Dichloropr	20	23	117.44	1-227
58 Toluene	20	24	122.06	47-150
59 trans-1,3-Dichloro	20	22	109.07	17-183
61 1,1,2-Trichloroeth	20	21	104.08	52-150
63 Tetrachloroethene	20	20	100.29	64-148
64 Dibromochlorometha	20	20	100.94	53-149
67 Chlorobenzene	20	20	101.59	37-160
68 Ethylbenzene	20	22	110.27	37-162
73 Bromoform	20	21	107.01	45-169
76 1,1,2,2-Tetrachlor	20	23	115.15	46-157
83 1,3-Dichlorobenzen	20	36	179.42	1-273
85 1,4-Dichlorobenzen	20	34	171.12	1-273
87 1,2-Dichlorobenzen	20	31	155.95	1-273

SURROGATE COMPOUND	AMOUNT ADDED ug/L	AMOUNT RECOVERED ug/L	% RECOVERED	LIMITS
\$ 37 \$Dibromofluorometh	50	56	111.86	84-119

SURROGATE COMPOUND	AMOUNT ADDED ug/L	AMOUNT RECOVERED ug/L	% RECOVERED	LIMITS
\$ 57 \$Toluene-d8	50	49	98.85	84-119
\$ 77 \$Bromofluorobenzen	50	50	100.76	79-121

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

960710WBS

Lab Name: MOUNTAIN STATES

Contract:

Lab Code: MSAI

Case No.:

SAS No.:

SDG No.: 960711C

Matrix: (soil/water) WATER

Lab Sample ID: 960710WBS

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: X9105

Level: (low/med) LOW

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

% Moisture: \_\_\_\_\_ decanted: (Y/N) \_\_\_\_\_

Date Extracted: <sup>07/10/96</sup> ~~01/10/78~~ <sup>up</sup> ~~7/10/96~~

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 07/11/96

Injection Volume: \_\_\_\_\_(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

108-95-2-----	Phenol	10	U
111-44-4-----	bis(2-Chloroethyl) ether	10	U
95-57-8-----	2-Chlorophenol	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
100-51-6-----	Benzyl alcohol	20	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	bis(2-Chloroisopropyl) ether	10	U
106-44-5-----	3- and 4-Methylphenol	10	U
621-64-7-----	N-Nitrosodi-n-propylamine	10	U
67-72-1-----	Hexachloroethane	10	U
98-95-3-----	Nitrobenzene	10	U
78-59-1-----	Isophorone	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
88-75-5-----	2-Nitrophenol	10	U
65-85-0-----	Benzoic acid	10	U
111-91-1-----	bis(2-Chloroethoxy) methane	10	U
120-83-2-----	2,4-Dichlorophenol	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
91-20-3-----	Naphthalene	10	U
106-47-8-----	4-Chloroaniline	20	U
87-68-3-----	Hexachlorobutadiene	10	U
59-50-7-----	4-Chloro-3-methylphenol	10	U
91-57-6-----	2-Methylnaphthalene	10	U
77-47-4-----	Hexachlorocyclopentadiene	20	U
88-06-2-----	2,4,6-Trichlorophenol	10	U
95-95-4-----	2,4,5-Trichlorophenol	10	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	50	U
131-11-3-----	Dimethylphthalate	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
208-96-8-----	Acenaphthylene	10	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

960710WBS

Lab Name: MOUNTAIN STATES

Contract:

Lab Code: MSAI

Case No.:

SAS No.:

SDG No.: 960711C

Matrix: (soil/water) WATER

Lab Sample ID: 960710WBS

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: X9105

Level: (low/med) LOW

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

% Moisture: \_\_\_\_\_ decanted: (Y/N) \_\_\_\_\_

Date Extracted: 07/10/96 <sup>WP</sup> 07/11/96

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 07/11/96

Injection Volume: \_\_\_\_\_(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

99-09-2-----	3-Nitroaniline	50	U
51-28-5-----	2,4-Dinitrophenol	50	U
83-32-9-----	Acenaphthene	10	U
100-02-7-----	4-Nitrophenol	50	U
121-14-2-----	2,4-Dinitrotoluene	10	U
132-64-9-----	Dibenzofuran	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	20	U
534-52-1-----	4,6-Dinitro-2-methylphenol	50	U
86-30-6-----	N-Nitrosodiphenylamine(1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	50	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-butylphthalate	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	20	U
56-55-3-----	Benzo(a)anthracene	10	U
218-01-9-----	Chrysene	10	U
117-84-0-----	Di-n-octylphthalate	10	U
205-99-2-----	Benzo(b)fluoranthene	10	U
207-08-9-----	Benzo(k)fluoranthene	10	U
50-32-8-----	Benzo(a)pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	10	U
53-70-3-----	Dibenz(a,h)anthracene	10	U
191-24-2-----	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine  
FORM I SV-2

OLM03.0

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

960710WBS

Lab Name: MOUNTAIN STATES

Contract:

Lab Code: MSAI

Case No.:

SAS No.:

SDG No.: 960711C

Matrix: (soil/water) WATER

Lab Sample ID: 960710WBS

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: X9105

Level: (low/med) LOW

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

% Moisture: \_\_\_\_\_ decanted: (Y/N) \_\_\_\_\_

Date Extracted: <sup>07/10/96</sup> ~~01/710/70~~ <sup>up</sup> 07/11/96

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 07/11/96

Injection Volume: \_\_\_\_\_(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

62-75--9-----N-Nitrosodimethylamine	10	U
-------------------------------------	----	---

2C  
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: MOUNTAIN STATES

Contract:

Lab Code: MSAI

Case No.:

SAS No.:

SDG No.: 960711C

	EPA SAMPLE NO.	S1 (2FP) #	S2 #	S3 (NBZ) #	S4 (FBP) #	S5 (TBP) #	S6 (TPH) #	S7 #	S8 #	TOT OUT
01	960710WBS	38	31	66	52	53	68			0
02	960710WLS	48	41	76	61	62	71			0
03	TARP-EDGE	36	34	71	59	48	65			0
04	TARP-EDGEMS	26	24	70	54	47	63			0
05	TARP-EDGEMSD	39	34	79	57	68	69			0
06										
07										
08										
09										
10										
11										
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QC LIMITS

S1 (2FP) = 2-Fluorophenol (21-100)  
 S2 = Phenol-d6 (10- 94)  
 S3 (NBZ) = Nitrobenzene-d5 (35-114)  
 S4 (FBP) = 2-Fluorobiphenyl (43-116)  
 S5 (TBP) = 2,4,6-Tribromophenol (10-123)  
 S6 (TPH) = Terphenyl-d14 (33-141)

# Column to be used to flag recovery values  
 \* Values outside of contract required QC limits  
 D Surrogate diluted out



## WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MOUNTAIN STATES

Contract:

Lab Code: MSAI

Case No.:

SAS No.:

SDG No.: 960711C

Matrix Spike - EPA Sample No.: TARP-EDGE

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
Phenol	400	0.0	94	24	5-112
2-Chlorophenol	400	0.0	220	55	23-134
1,4-Dichlorobenzene	400	0.0	190	48	20-124
N-Nitrosodi-n-propylami	400	0.0	330	82	1-230
1,2,4-Trichlorobenzene	400	0.0	200	50	44-142
4-Chloro-3-methylphenol	400	0.0	260	65	22-147
Acenaphthene	400	0.0	270	68	47-145
4-Nitrophenol	800	0.0	53	7	1-132
2,4-Dinitrotoluene	400	0.0	300	75	39-139
Pentachlorophenol	800	0.0	150	19	14-176
Pyrene	400	0.0	320	80	52-115

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
Phenol	400	140	35	37	42	5-112
2-Chlorophenol	400	280	70	24	40	23-134
1,4-Dichlorobenzene	400	200	50	4	28	20-124
N-Nitrosodi-n-propylami	400	380	95	15	38	1-230
1,2,4-Trichlorobenzene	400	230	58	15	28	44-142
4-Chloro-3-methylphenol	400	300	75	14	42	22-147
Acenaphthene	400	300	75	10	31	47-145
4-Nitrophenol	800	120	15	73*	50	1-132
2,4-Dinitrotoluene	400	320	80	6	38	39-139
Pentachlorophenol	800	270	34	57*	50	14-176
Pyrene	400	340	85	6	31	52-115

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

RPD: 2 out of 11 outside limits

Spike Recovery: 0 out of 22 outside limits

COMMENTS:

*CCS good - Polarsen*

Mountain States Analytical

RECOVERY REPORT

Client Name: Client SDG: 960711c  
 Sample Matrix: LIQUID Fraction: SV  
 Lab Smp Id: 960710WLS Client Smp ID: 960710WLS  
 Level: LOW Operator: MATT SUPER GRP.  
 Data Type: MS DATA SampleType: LCS  
 SpikeList File: lcs.spk Quant Type: ISTD  
 Method File: /chem/HP 3.1/960711c.b/bna3.m  
 Misc Info: [960711C];960710WLS;1000;;1;TCL.sub;;;0710; BTL#

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
16 Phenol	100	41	41.20	5-112
20 2-Chlorophenol	100	72	72.32	23-134
23 1,4-Dichlorobenzene	100	47	46.76	20-124
33 N-Nitrosodi-n-prop	100	94	94.37	1-230
49 1,2,4-Trichloroben	100	46	46.03	44-142
59 4-Chloro-3-methylp	100	77	76.72	22-147
81 Acenaphthene	100	78	77.55	47-145
83 4-Nitrophenol	200	31	15.32	1-132
86 2,4-Dinitrotoluene	100	84	84.54	39-139
112 Pentachlorophenol	200	57	28.30	14-176
127 Pyrene	100	90	90.43	52-115

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
\$ 12 2-Fluorophenol	200	96	48.29	21-100
\$ 15 Phenol-d6	200	82	40.91	10-94
\$ 36 Nitrobenzene-d5	100	76	76.23	35-114
\$ 69 2-Fluorobiphenyl	100	61	61.27	43-116
\$ 101 2,4,6-Tribromophen	200	120	61.58	10-123
\$ 128 Terphenyl-d14	100	71	70.78	33-141

4B  
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

960710WBS

Lab Name: MOUNTAIN STATES

Contract:

Lab Code: MSAI

Case No.:

SAS No.:

SDG No.: 960711C

Lab File ID: X9105

Lab Sample ID: 960710WBS

Instrument ID: HP\_3

Date Extracted: 01/7/96 <sup>07/11/96</sup> <sup>07/11/96</sup>

Matrix: (soil/water) WATER

Date Analyzed: 07/11/96

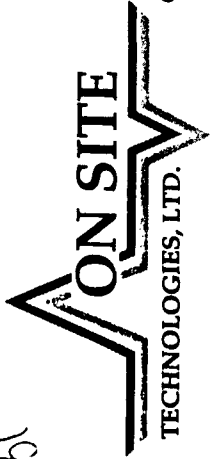
Level: (low/med) LOW

Time Analyzed: 1506

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	960710WLS	960710WLS	X9106	07/11/96
02	TARP-EDGE	49755A	X9108	07/11/96
03	TARP-EDGEMS	49755MS	X9109	07/11/96
04	TARP-EDGEMSD	49755MSD	X9110	07/11/96
05				
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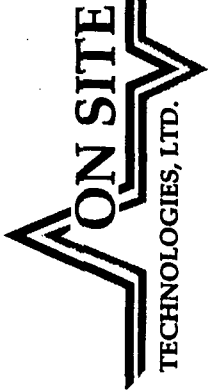
COMMENTS:



657 W. Maple • P. O. Box 2606 • Farmington NM 87499  
LAB: (505) 325-5667 • FAX: (505) 325-6256

## CHAIN OF CUSTODY RECORD

[illegible]



# CHAIN OF CUSTODY RECORD

2427

Date: 2/1/56

657 W. Maple • P. O. Box 2606 • Farmington NM 87499  
LAB: (505) 325-5667 • FAX: (505) 325-6256 \*

[illegible]

Distribution:	White - On Site	Yellow - LAB	Pink - Sampler	Goldenrod - Client
---------------	-----------------	--------------	----------------	--------------------

PHONE 334-6191  
P. O. BOX 100



AZTEC, NEW MEXICO 87410

JERRY WAYNE SANDEL  
PRESIDENT

FAX NUMBER 505/334-8729

RECEIVED

JAN 24 1997

FAX MESSAGE

Environ. Bureau  
Oil Conservation Division

DATE:

Jan 24, 97

TO:

N.M. Energy & Minerals

ATTN:

Peteiro Sanchez

TRANSMISSION CONSISTS OF COVER SHEET PLUS 5 PAGES.

MESSAGES:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

IF THERE IS ANY PROBLEM WITH THIS TRANSMISSION, PLEASE CALL  
505/334-6194

SIGNED:

Terri Musick

PHONE 334-6191  
P.O. BOX 100



AZTEC, NEW MEXICO 87410

JERRY WAYNE SANDEL  
PRESIDENT

RECEIVED

JAN 24 1997

ENVIRONMENTAL & ESDU  
Oil Conservation Division

January 24, 1997

New Mexico Energy Minerals  
& Natural Resources Dept.  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, N.M. 87505

Attn: Patricio W. Sanchez

Dear Mr. Sanchez:

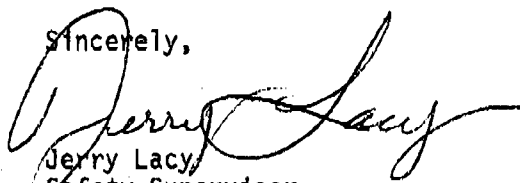
Enclosed are test results on soil that was removed from the area of the Aztec Well Servicing Co. wash bay. This soil was primarily contaminated by chain oil spilled from a units chain guard.

I took the sample on July 1, 1996. The sample was a composite sample taken from five different areas of a tarp (located next to Triple S land farm and contains about two cubic yards of soil).

Results show that sample contains no hazardous materials. We would request permission to add this soil to the asphalt mix when paving project is done.

Thank you for your consideration.

Sincerely,



Jerry Lacy  
Safety Supervisor



## Mountain States Analytical

The Quality Solution

On Site Technologies, Ltd.  
612 E Murray Drive  
Farmington, NM 87401

Attn: Mr. David Cox  
Project: Triple S Landfarm

Sample ID: Tarp-Edge of Landfarm Soil  
Matrix: Soil ( BY TRIPLE S LANDFARM )  
COLLECTED BY JERRY LACY

MSAI Sample: 49755  
MSAI Group: 12613  
Date Reported: 07/18/96  
Discard Date: 08/17/96  
Date Submitted: 07/03/96  
Date Sampled: 07/01/96  
Collected by: DC  
Purchase Order: 4247  
Project No.:

Test Analysis	Results as Received	Units	Limit of Quantitation
0246G Barium by ICP, TCLP Method: SW-846 6010A	ND	mg/l	1.0
0249G Cadmium by ICP, TCLP Method: SW-846 6010A	0.03	mg/l	0.02
0251G Chromium by ICP, TCLP Method: SW-846 6010A	ND	mg/l	0.02
0255G Lead by ICP, TCLP Method: SW-846 6010A	2.7	mg/l	0.2
0259T Mercury by CVAA, TCLP Method: SW-846 7470	ND	mg/l	0.0005
0266G Silver by ICP, TCLP Method: SW-846 6010A	ND	mg/l	0.02
0392N Mercury Prep CVAA, TCLP Method: SW-846 7470	Complete		
0392T Flame/ICP Prep For Metals, TCLP Method: SW-846 3010A	Complete		
1045G Arsenic by ICP, TCLP Method: SW-846 6010A	ND	mg/l	0.10
1064G Selenium by ICP, TCLP Method: SW-846 6010A	ND	mg/l	0.30
0395 Corrosivity Method: SW-846 9045C	8.47	Std. Units	0.01

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Environmental Bureau  
Oil Conservation Division







## Mountain States Analytical

On Site Technologies, Ltd.

The Quality Solution

Page 2

Sample ID: Tarp-Edge of Landfarm Soil

MSAI Sample: 49755

MSAI Group: 12613

Test	Analysis	Results as Received	Units	Limit of Quantitation
0542	Ignitability Method: D-93-79 MOD ASTM Ignitable upon water contact Ignitable by friction Spontaneously combusts in air Ignitability	Negative Negative Negative > 146	Degrees F Degrees F Degrees F Degrees F	(1)   50
0946	TCLP Extraction, ZHE Method: SW-846 1311	100	% Solids	0.001
0947	TCLP Extract., Non-volatile Org. Method: SW-846 1311 TCLP extraction (SVQA) TCLP Extraction (Pest) TCLP Extraction (Herb)	100 NA NA	% Solids % Solids % Solids	0.001 0.001 0.001
0947M	TCLP Extraction, Metals Method: SW-846 1311	100	% Solids	0.001
1121	Reactivity, (Cyanide & Sulfide) Method: SW-846 CHAPTER 7.3 Cyanide (reactive) Sulfide (reactive)	ND ND	mg/kg mg/kg	120 410
0948	Volatiles, TCLP 8240A Method: SW-846 8240A Benzene Carbon tetrachloride Chlorobenzene Chloroform 1,2-Dichloroethane 1,1-Dichloroethene 2-Butanone (MEK) Tetrachloroethene Trichloroethene Vinyl chloride 1,4-Dichlorobenzene	ND ND ND ND ND ND ND ND ND ND ND ND	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	0.050 0.050 0.050 0.050 0.050 0.050 0.20 0.050 0.050 0.10 0.050
0949	Semi-Volatiles, TCLP Method: SW-846 8270A 2,4-Dinitrotoluene	ND	mg/l	0.040

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Environmental Lab  
Oil Conservation Division





## Mountain States Analytical

On Site Technologies, Ltd.

The Quality Solution

Page 3

Sample ID: Tarp-Edge of LandfarmSoil

MSAI Sample: 49755  
MSAI Group: 12613

Test	Analysis	Results as Received	Units	Limit of Quantitation
0949	Semi-Volatiles, TCLP Method: SW-846 8270A			
	Hexachlorobenzene	ND	mg/l	0.040
	Hexachloro-1,3-butadiene	ND	mg/l	0.040
	Hexachloroethane	ND	mg/l	0.040
	Nitrobenzene	ND	mg/l	0.040
	Pyridine	ND	mg/l	0.040
	2-Methylphenol (o-Cresol)	ND	mg/l	0.040
	3 and 4- Methylphenol (m+p cresol)	ND	mg/l	0.040
	Pentachlorophenol	ND	mg/l	0.040
	2,4,5-Trichlorophenol	ND	mg/l	0.200
	2,4,6-Trichlorophenol	ND	mg/l	0.040
3000T	SVQA Extraction, TCLP Method: SW-846 3510/3520	Complete	mg/l	

(1) Non-flammable vapors extinguished flame at >146 F.

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JAN 24 1997

Environmental Bureau  
Oil Conservation Division

ND - Not detected at the limit of quantitation

Respectfully Submitted,  
Reviewed and Approved by:

Rolf S. Larsen  
Project Manager

MEMORANDUM OF MEETING OR CONVERSATION

☒ Telephone ☐ Personal

Time 6:45 AM

Date 1-13-97

Originating Party

Other Parties

Pat Sanchez - OCD

Jerry Lacy - AWS  
GLW-217

Subject

Letter dated January 2, 1997 from AWS  
to OCD.

Discussion

Discussed the contents of the 1-2-97 AWS  
letter w/ Mr. Lacy - told him that the  
Beneficial use of the soil would be okay so  
long as it could be shown that the  
soil is NON-HAZAROUS per 40 CFR 261.

Mr. Lacy indicated that he had the soil  
TCLP'D and RIC'D in the summer and would  
locate the analysis and submit it to OCD.

Also let Mr. Lacy know that if he had further  
Questions that he could call Denny Faust or myself.

Conclusions or Agreements

Mr. Lacy will submit the RIC, TCLP on  
the above mentioned soil.

Distribution File

Signed

*Robert M. Sanchez*

PHONE 334-6191  
P.O. BOX 100



AZTEC, NEW MEXICO 87410

JERRY WAYNE SANDEL  
PRESIDENT

January 2, 1997

New Mexico Energy Minerals  
& Natural Resources Dept.  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505

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JAN - 8 1997

Enviromental  
Oil Conservation Division

Attn: Patricio W. Sanchez

Dear Mr. Sanchez:

The purpose of this letter is to provide details for the paving of the area adjacent to Aztec Well Servicing Co. Inc. wash pad area.

The purpose of the proposed expansion is to prevent spills on the ground from accumulating near the wash bay. After paving is complete, spills in this area will run into, or be swept into Aztec's catch basin

Included is a drawing of the area covered. It is expected that this work will be done this spring.

We have not added soil picked up from around wash pad to the land farm because of high content, we would like to add it to the asphalt mix when paving project is done.

Triple S Trucking Co. has completed its new trucking office and shop. The new shop contains no industrial discharge only domestic effluent. That goes into the sewer.

The Triple S Trucking land farm was expanded to twice it's size on June 5th through the 11th 1996, in order to thin out the cuttings in the land farm. The soil below this area as well as below the original area (2ft) was sampled. The area in the land farm was tested on July 6, 1996 and again on December 10, 1996, copies of reports attached.

New Mexico Energy & Minerals  
page 2 of 2

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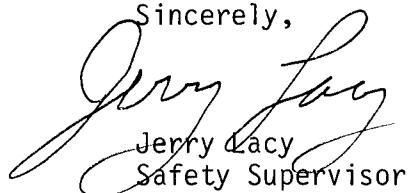
JAN - 8 1997

Environmental and  
Oil Conservation Division

The soil in the land farm has been plowed on an average  
of twice per month

I am also sending a copy of this letter to Mr. Denny  
Foust at the OCD Aztec District Office.

Sincerely,



Jerry Lacy  
Safety Supervisor

OFF: (505) 325-5667



LAB: (505) 325-1556

**TPH - Gasoline / Diesel Range Organics**

Attn: **Jerry Lacy**  
 Company: **Triple S Trucking**  
 Address: **900 S. Main**  
 City, State: **Aztec, NM 87410**

Date: **10-Dec-96**  
 COC No.: **6225**  
 Sample No. **13114**  
 Job No. **2-1000**

Project Name: **Triple S Trucking**  
 Project Location: **Landfarm Sample No. 1**  
 Sampled by: **JL**  
 Analyzed by: **DC/HR**  
 Sample Matrix: **Soil**

Date: **5-Dec-96** Time: **10:30**  
 Date: **9-Dec-96**

**Laboratory Analysis**

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	< 5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	5284.7	mg/kg	5.0	mg/kg
	<b>TOTAL</b>	<b>5284.7</b>		<b>mg/kg</b>

**Quality Assurance Report**

GRO QC No.: **0480-STD**  
 DRO QC No.: **0512-STD**

**Calibration Check**

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	< 50	ppb	1,351	1,354	0.2	15%
Diesel Range (C10 - C28)	< 5.0	ppm	100	98	2.4	15%

**Matrix Spike**

Parameter	1- Percent Recovered	2- Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	98	94	(70-130)	3	20%
Diesel Range (C10-C28)	117	110	(70-130)	4	20%

**Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography**

Approved by: Date: **12/10/96**

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

**TPH - Gasoline / Diesel Range Organics**

Attn: Jerry Lacy  
 Company: Triple S Trucking  
 Address: 900 S. Main  
 City, State: Aztec, NM 87410

Date: 10-Dec-96  
 COC No.: 6225  
 Sample No. 13115  
 Job No. 2-1000

Project Name: Triple S Trucking  
 Project Location: Landfarm Sample No. 2  
 Sampled by: JL  
 Analyzed by: DC/HR  
 Sample Matrix: Soil

Date: 5-Dec-96 Time: 10:45  
 Date: 9-Dec-96

**Laboratory Analysis**

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	5878.9	mg/kg	5.0	mg/kg
	TOTAL	5878.9		mg/kg

**Quality Assurance Report**

GRO QC No.: 0480-STD  
 DRO QC No.: 0512-STD

**Calibration Check**

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,351	1,354	0.2	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	98	2.4	15%

**Matrix Spike**

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	98	94	(70-130)	3	20%
Diesel Range (C10-C28)	117	110	(70-130)	4	20%

**Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography**

Approved by:

Date: 12/10/96

OFF: (505) 325-5667



LAB: (505) 325-1556

**TPH - Gasoline / Diesel Range Organics**

Attn: **Jerry Lacy**  
 Company: **Triple S Trucking**  
 Address: **P.O. Box 100**  
 City, State: **Aztec, NM 87410**

Date: **3-Jul-96**  
 COC No.: **4247**  
 Sample No. **11383**  
 Job No. **2-1000**

Project Name: **Triple S Trucking - Landfarm**  
 Project Location: **5pt. Composite (on tarp outside landfarm)**  
 Sampled by: **JL** Date: **1-Jul-96** Time: **11:30**  
 Analyzed by: **DC** Date: **2-Jul-96**  
 Sample Matrix: **Soil**

**Laboratory Analysis**

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	6957.4	mg/kg	5.0	mg/kg
	TOTAL	6957.4		mg/kg

**Quality Assurance Report**

GRO QC No.: **0461-STD**  
 DRO QC No.: **0475-STD**

**Calibration Check**

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	900	953	5.8	15%
Diesel Range (C10 - C28)	<5.0	ppm	2,000	1,796	10.2	15%

**Matrix Spike**

Parameter	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	102	109	(70-130)	5	20%
Diesel Range (C10-C28)	118	113	(70-130)	3	20%

**Method** - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: **JAC**  
 Date: **7/3/96**

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -





OFF: (505) 325-8786

LAB: (505) 325-5667

**TOTAL PETROLEUM HYDROCARBONS**

Attn: *Jerry Lacy*  
 Company: *Triple S Trucking*  
 Address: *900 S. Main*  
 City, State: *Aztec, NM 87410*

Date: *29-Mar-96*  
 COC No.: *3993*  
 Sample No. *10510*  
 Job No. *2-1000*

Project Name: *Triple S Trucking*  
 Project Location: *Landfarm Area (EXPANSION AREA)*  
 Sampled by: *JL* Date: *25-Mar-96* Time: *16:20*  
 Analyzed by: *DC* Date: *27-Mar-96*  
 Type of Sample: *Soil*

**Laboratory Analysis**

Analyte	Result	Units of Measure	Detection Limit	Units of Measure
Gasoline Range (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range (C10 - C28)	10.7	mg/kg	5.0	mg/kg
	<b>TOTAL</b>	<b>10.7</b>		<b>mg/kg</b>

**Quality Assurance Report**

GRO QC No.: *0447-STD*  
 DRO QC No.: *0446-STD*

**Calibration Check**

Analyte	Method Blank	Units of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,350	1,238	8.3	15%
Diesel Range (C10 - C28)	<5	ppm	2,000	1,924	3.8	15%

**Matrix Spike**

Analyte	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	93	94	(70-130)	1	20%
Diesel Range (C10-C28)	98	98	(70-130)	0	20%

**Method** - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: *Jal*  
 Date: *3/29/96*

P. O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

**TPH - Gasoline / Diesel Range Organics**

Attn: *Jerry Lacy*  
 Company: *Triple S Trucking*  
 Address: *P.O. Box 100*  
 City, State: *Aztec, NM 87410*

Date: 12-Jul-96  
 COC No.: 4258  
 Sample No. 11477  
 Job No. 2-1000

Project Name: *Triple S Trucking*  
 Project Location: *Triple S Landfarm (UNDER NORTHERN ORIGINAL LAND FARM)*  
 Sampled by: JL Date: 8-Jul-96 Time: 14:15  
 Analyzed by: DC/HR Date: 11-Jul-96  
 Sample Matrix: *Soil*

**Laboratory Analysis**

Parameter	Result	Unit of Measure	Detection Limit	Unit of Measure
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	615.7	mg/kg	5.0	mg/kg
	TOTAL	615.7		mg/kg

**Quality Assurance Report**

GRO QC No.: 0461-STD  
 DRO QC No.: 0475-STD

**Calibration Check**

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	<50	ppb	1,350	1,257	6.9	15%
Diesel Range (C10 - C28)	<5.0	ppm	2,000	1,858	7.1	15%

**Matrix Spike**

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	102	109	(70-130)	5	20%
Diesel Range (C10-C28)	114	104	(70-130)	7	20%

**Method** - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: *[Signature]*  
 Date: 7/12/96

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

# PROPOSAL

## CONSOLIDATED CONSTRUCTORS, INC.

PO Box 629

Farmington, New Mexico 87449-0629

Phone (505) 326-7771

Fax (505) 326-7774

### Proposal Submitted To:

Jerry Lacey

Aztec Well Service

S. of Aztec on Hwy 544

Aztec, New Mexico 87410

Phone: 334-6194

Fax:

Job Name: Paving at wash bay and new asphalt parking

Date: 12/30/96

Quote No.: QP 61220

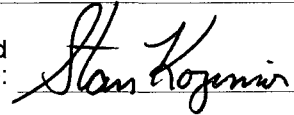
**WE PROPOSE** hereby to furnish material and labor-- complete and in accordance with specification below, for the sum of: Five Thousand Six Hundred Seventy----- Dollars ( \$5,670 .00)

Payment is to be made: Net 30 days.

Contingencies: This price does not include tax, survey, testing, or staking and other items as may be listed below.

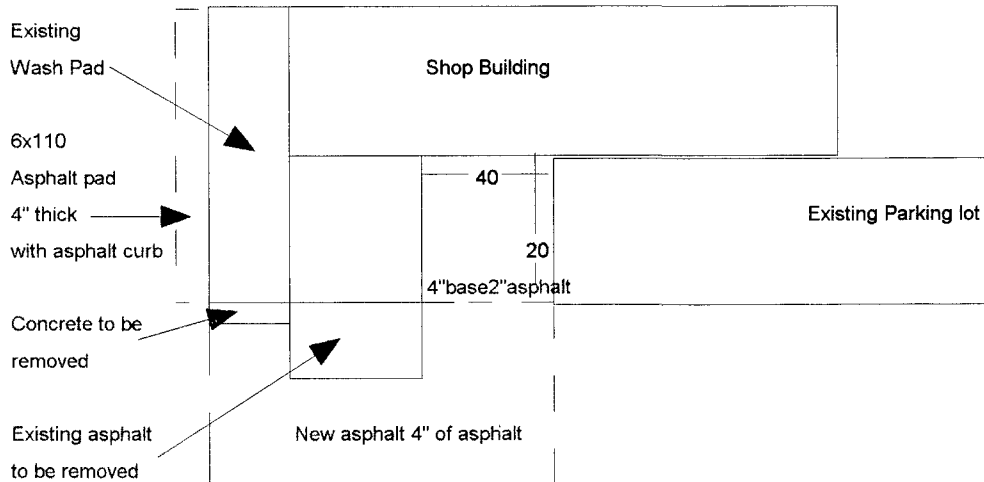
All material is guaranteed to be as specified. All work will be completed in a workman like manner according to standard practices. Any alteration from this bid which involves extra cost will be executed only upon written authorization and will become an extra charge over and above this proposal. All agreements are contingent upon strikes, accidents or delays beyond our control. Owner will carry fire, tornado and other necessary insurance. Our workers are fully covered by Workers Compensation Insurance.

Authorized  
Signature:



Note: This proposal may be withdrawn by us if not executed within 30 days.

### We hereby submit specifications and estimates for:



### Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and hereby accepted.

You are authorized to do the work as specified. Payment will be made as outlined above.

Signature

Date



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

November 25, 1996

**CERTIFIED MAIL**

**RETURN RECEIPT NO. P-288-258-706**

Mr. Jerry Lacy  
Aztec Well Servicing Co.  
P.O. Box 100  
Aztec, NM 87410

**RE: Discharge Plan GW-217  
NOD - Wash Pad Area/Facility Expansion  
Aztec Facility  
San Juan County, New Mexico**

Dear Mr. Lacy:

The discharge plan GW-217 for the Aztec Well Servicing Co. facility located in the SW/4 SW/4, Section 16, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico, was approved on November 6, 1995 by the New Mexico Oil Conservation Division (OCD) pursuant to WQCC regulations. The OCD did receive a letter from Aztec Well Service Co. dated June 13, 1996. The proposal as described in the letter was deficient, and on June 26 the OCD (Pat Sanchez) spoke with Aztec Well Service Co. (Mr. Jerry Lacy) about the items that needed to be addressed. (See enclosed memo of conversation dated June 26, 1996)

The OCD has not received the requested additional information to address the wash pad area. Also, the OCD has yet to receive an update on the facility expansion at the Triple S portion of GW-217. Please submit a work plan by January 10, 1997 to the OCD Santa Fe Division Office in duplicate, with a copy to the attention of Mr. Denny Foust at the OCD Aztec District Office.

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

Sincerely,

Patricio W. Sanchez  
Petroleum Engineering Specialist  
Environmental Bureau - OCD, (505)-827-7156

enclosed - memo of conversation dated June 26, 1996.

xc: Mr. Denny Foust - OCD Aztec District

P 288 258 706

US Postal Service

**Receipt for Certified Mail**

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to <b>A-100 Well Service - Lacy</b>	
Street & Number <b>N.D. - 6W-217</b>	
Post Office, State, & ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995

MEMORANDUM OF MEETING OR CONVERSATION

☒ Telephone

☐ Personal

Time 10:20 AM

Date 6/26/96

Originating Party

Other Parties

Jerry Lacy - Aztec well

Pat Sanchez - OCD

(Returned my call from yesterday)

Subject

Wash Pad Soil clean up. (CW-217)

Discussion

(1) Run TCLP, RIC on soil to determine if Non-Hazardous (Through out Pesticides/Herbicides)

(2) Clean up soil in/Around pad area to  
TPH = 1,000 ppm, BTEX = 50 ppm, Benzene = 10 ppm  
(Modified B015) (B020 for Total BTEX)

(3) Also need to submit proposed wash pad modification to prevent wash water effluent from hitting the ground.

(4) Contact Drury Faust at the District for help on sample collection.

Conclusions or Agreements

Mr. Lacy will submit 1, 2, and 3 as a package to OCD Santa Fe for approval. Also - Said Turple S warehouse did not add any more slumps or effluent to discharge plan.

Distribution File

Signed

*Robert W. [Signature]*

MEMORANDUM OF MEETING OR CONVERSATION

<input checked="" type="checkbox"/> Telephone <input type="checkbox"/> Personal	Time 10:20 AM	Date 6/26/96
<u>Originating Party</u> Jerry Lacy - Aztec well (Returned my call from yesterday)		<u>Other Parties</u> Pat Sanchez - OCD
<u>Subject</u> Wash Pad Soil clean up. (GW-217)		

Discussion

- ① Run TCLP, RIC on soil to determine if Non-Hazardous. (Through out Pesticides/Herbicides).
- ② Clean up soil in/Around pad area to  
TPH = 1,000 ppm, BTEX = 50 ppm, Benzene = 10 ppm  
(Modified B015) (B020 for Total BTEX).
- ③ Also need to submit proposed wash pad modification to prevent wash water effluent from hitting the ground.
- ④ Contact Danny Faust at the District for help on sample collection.

Conclusions or Agreements

Mr. Lacy will submit 1, 2, and 3 as a package to OCD Santa Fe for approval. Also - Said Triple S warehouse did not add any more sumps or effluent to discharge plan.

Distribution File

Signed

*Robert W. Lacy*

PHONE 334-6191  
P.O. BOX 100



AZTEC, NEW MEXICO 87410

OIL CONSERVATION DIVISION  
RECEIVED  
JERRY WAYNE SANDEL  
PRESIDENT  
1996 JUN 24 AM 8 52

JUNE 13, 1996

RECEIVED

JUN 25 1996

Environmental Bureau  
Oil Conservation Division

OIL CONSERVATION DISISION  
P.O. BOX 6429  
SANTA FE, NM 87505-6429

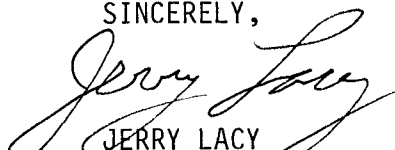
REFERENCE: REMOVAL OF OILY SOIL FROM ADJACENT TO  
AZTEC WELL SERVICING CO. WASH RACK.

ATTENTION: PATRICIA W. SANCHEZ  
PETROLEUM ENGINEER

DEAR MR. SANCHEZ:

ON JUNE 11, 1996 OILY SOIL ( APPROX. 2 CUBIC FEET) FROM  
AN AREA JUST EAST OF THE END OF AZTEC WELL SERVICING CO.'S  
WASH RACK WAS REMOVED. IT WAS PLACED ON A PLASTIC LINER  
JUST EAST OF THE LAND FARM THAT WAS CREATED TO HOLD SOIL  
FROM BENEATH A CLOSED TRIPLE S TRUCKING PIT. WE REQUEST  
PERMISSION TO ADD THIS SOIL TO THE LAND FARM AREA. THIS  
LETTER IS IN RESPONSE TO YOUR CONVERSATION WITH MR. STEWART  
PETERSON, OUR VICE-PRESIDENT.

SINCERELY,

  
JERRY LACY  
SAFETY SUPERVISOR



ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. 4130 dated 6/5/96  
or cash received on \_\_\_\_\_ in the amount of \$ 1380.00  
from Aztec Well Svc  
for Aztec Facility GW-217  
(Filing Name) (OP No.)  
Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_  
Submitted to ASD by: \_\_\_\_\_ Date: \_\_\_\_\_  
Received in ASD by: Douglas Silvers Date: 6-21-96  
Filing Fee \_\_\_\_\_ New Facility \_\_\_\_\_ Renewal \_\_\_\_\_  
Modification \_\_\_\_\_ Other \_\_\_\_\_  
(Signature)  
Organization Code 521.07 Applicable FY 96

To be deposited in the Water Quality Management Fund.

Full Payment \_\_\_\_\_ or Annual Increment \_\_\_\_\_

First National Bank  
First in Farmington and the Four Corners  
Farmington, Aztec, Bloomfield, Shiprock, New Mexico



AZTEC WELL SERVICING COMPANY

P. O. BOX 100 505-334-6191  
AZTEC, NM 87410-0100

4130

95-54/102

DATE JUNE 5, 1996

PAY  
TO THE  
ORDER OF

NMED-WATER QUALITY MANAGEMENT

\$ 1,380.00

AZTEC WELL SERVICING 1380 DOLLARS

DOLLARS ☐ Secure Copy

DISCHARGE PLAN GW-217 FILING FEE/FLAT FEE


THIS CHECK IS DELIVERED FOR PAYMENT ON THE ACCOUNTS LISTED

*Douglas C. Hatfield*

⑈004130⑈ ⑆102200546⑆ 010150374⑈



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

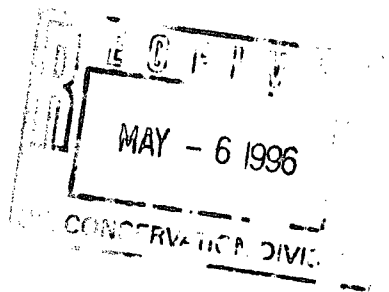
AZTEC DISTRICT OFFICE  
1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178 Fax (505) 334-6170

GARY E. JOHNSON  
GOVERNOR

JENNIFER A. SALISBURY  
CABINET SECRETARY

Certified: P-987-892-171

May 3, 1996



Mr Jerry Lacy  
Aztec Well Servicing Co  
PO Box 100  
Aztec NM 87410

RE: Effluent discharged to the surface of the ground.

Dear Mr. Lacey:

During my brief walk through inspection of May 2, 1996, I brought to your attention a potential problem with operations in the Aztec Well Servicing yard at the southeast corner of the shop building near the wash rack. There seems to be a continued habitual release of wash water and other fluids to the hard packed gravel surface. During our walk through, a mixture of oil and glycol was pooled on the gravel. In your discharge plan commitments of July 27, 1995, Aztec Well Servicing is committed to containing all wash water in event of a spill; the liquids are to be vacuumed and disposed of properly. Aztec Well Servicing has committed to these procedures. Aztec Well Servicing needs to take action to eliminate the discharges at the southeast corner of the shop which are inherent to the current operation and not incidental.

Please feel free to contact me at 334-6178 or stop by the office for a personal visit if you have questions.

Yours truly,

Denny G. Foust  
Environmental Geologist

DF/sh

xc: environmental file  
Pat Sanchez-Environmental Bureau  
DGF file

## NEW MEXICO OIL CONSERVATION DIVISION

September 19, 1995

Z 765 963 053

Receipt for  
Certified MailNo Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)**CERTIFIED MAIL****RETURN RECEIPT NO. Z-765-963-053**

Mr. Jerry Lacy  
Triple S Trucking Co.  
P.O. Box 100  
Aztec, New Mexico 87410

Re: **Unlined Pit Closure - Approval**  
**Triple S Trucking Co.**  
**San Juan County, New Mexico**

Dear Mr. Lacy:

The Oil Conservation Division (OCD) has completed a review of the Triple S Trucking Co. letter dated September 11, 1995 as submitted with results of the TPH from Mr. Jerry Lacy. Based on the highest TPH reading of 24.8 ppm **the closure is approved** for the unlined pit.

Note: The NMOCD pit closure guidelines require a TPH of 100 ppm or less for the highest risk classification.

Please be advised that OCD approval does not relieve Triple S Trucking Co. of liability should it latter be determined that contamination exists which is beyond the scope of this approved unlined pit closure. In addition, OCD approval does not relieve Triple S Trucking Co. of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please do not hesitate to call me at (505) 827-7156.

Sincerely,

Patricio W. Sanchez  
Petroleum Engineer -Environmental Bureau

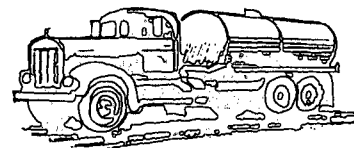
xc: Mr. Denny Foust - Environmental Geologist

Sent to <b>CW-217</b>	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, March 1993

TRIPLE S TRUCKING CO.

POST OFFICE BOX 100  
AZTEC, NEW MEXICO 87410  
TELEPHONE (505) 334-6193



OIL CONSERVATION DIVISION  
JERRY SANDEL RECEIVED

'95 SEP 15 AM 8 52

September 11, 1995

Oil Conservation Division  
P.O. Box 6429  
Santa Fe, New Mexico 87505-6429

ATTN: Patricio W. Sanchez,  
Petroleum Engineer

RE: Soil testing closed pit at Triple S Trucking yard

Dear Mr. Sanchez:

On August 25, 1995 at 9:00 am four core holes were drilled. One core hole was drilled on the southwest side of the closed pit to a depth of 9 ft (the last 4 ft appeared to be below the pit bottom). A sample was taken from 4 ft. On the northwest side of the closed pit, a core hole was drilled to 3.5 ft. A sample was taken at that depth.

Two more confirmation holes were drilled to off set sample holes. They appeared (by sight and smell) to be clear to a depth of approximately 4 ft. (no samples were taken).

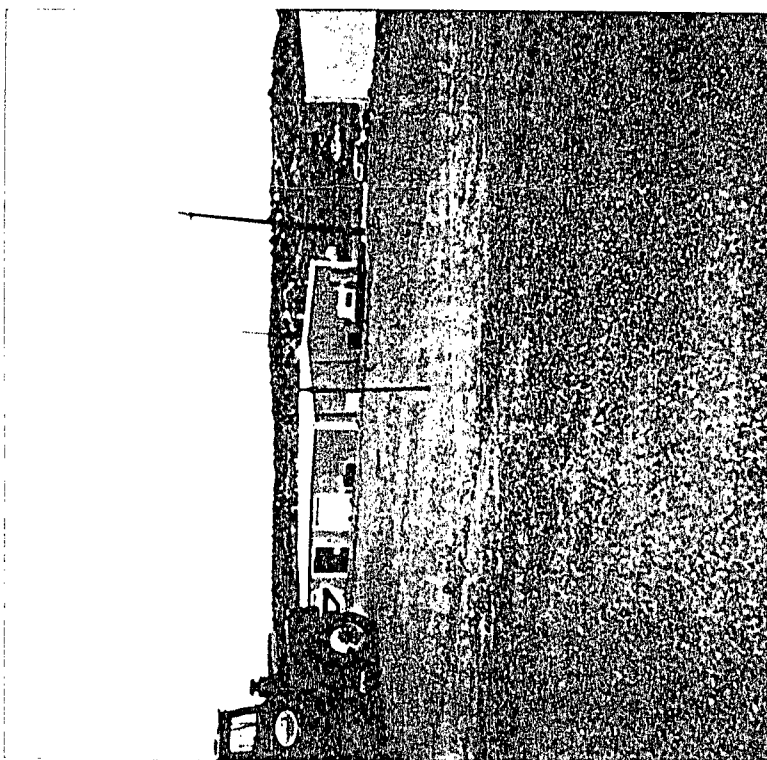
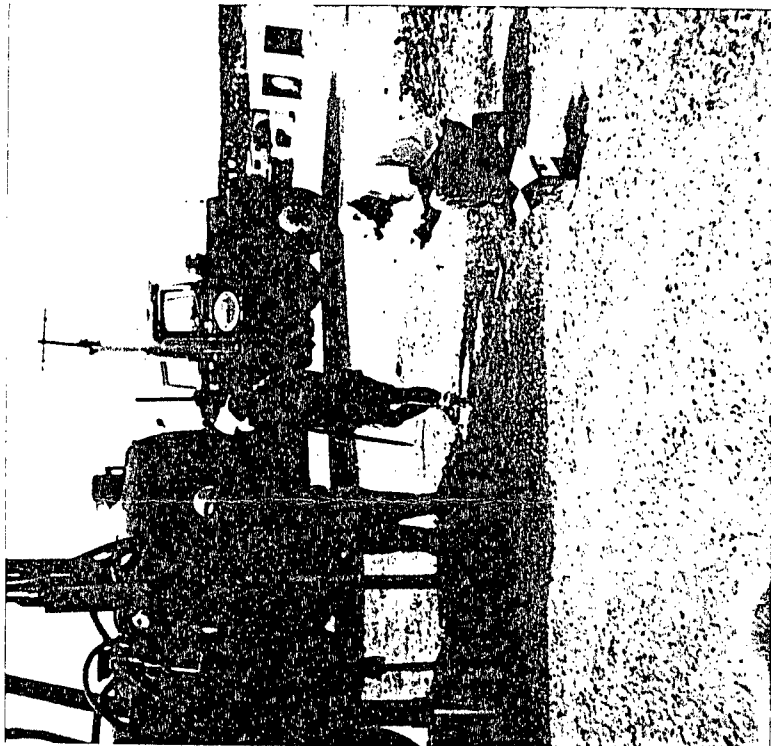
Findings from sample testing are attached. Oil Conservation Division employee, Denny Foust, did the actual sampling. Copies of photographs and sample testing reports are attached.

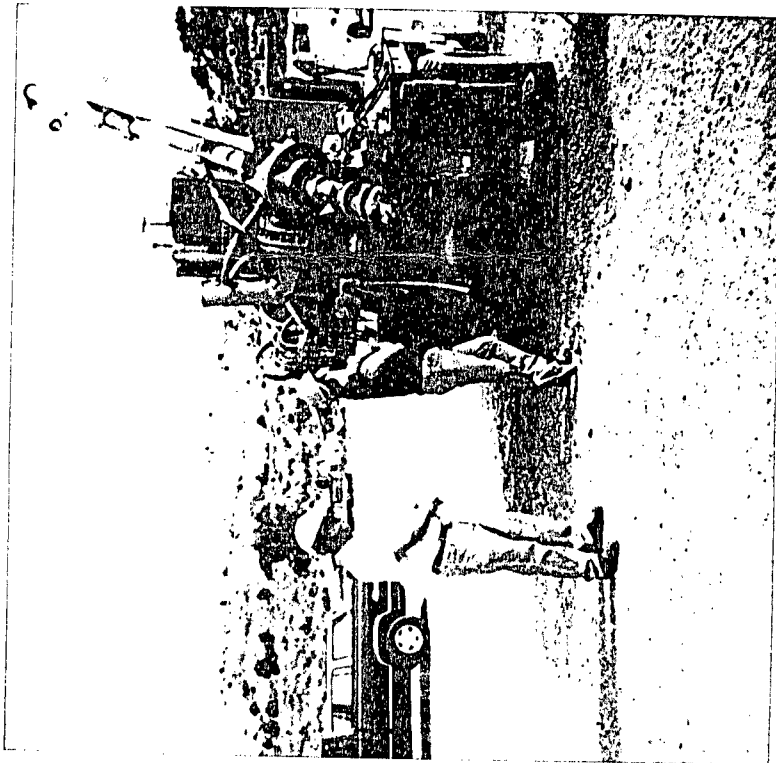
Sincerely,

A handwritten signature in cursive script, appearing to read "Jerry Lacy".  
Jerry Lacy  
Safety Supervisor

JL/ad

enclosure





OFF: (505) 325-8786



LAB: (505) 325-5667

**TOTAL PETROLEUM HYDROCARBONS**

Attn: *Jerry Lacy*  
 Company: *Triple S Trucking*  
 Address: *900 S. Main*  
 City, State: *Aztec, NM 87410*

Date: *6-Sep-95*  
 COC No.: *3261*  
 Sample No. *7926*  
 Job No. *2-1000*

Project Name: *Triple S Trucking Yard*  
 Project Location: *08259501*  
 Sampled by: *DF*  
 Analyzed by: *DC*  
 Type of Sample: *Soil*

Date: *25-Aug-95* Time: *9:45*  
 Date: *6-Sep-95*

**Total Petroleum Hydrocarbons**

<i>Component</i>	<i>**Measured Concentration mg/kg</i>
<i>Gasoline Range (C5 - C9)</i>	<i>ND</i>
<i>Diesel Range (C10 - C28)</i>	<i>24.8</i>
<i>TOTAL</i>	<i>24.8</i>

*ND - Not Detectable**\*\* - Method Detection Limit, 5 mg/L***Method Blank**

<i>Analytes in Blank</i>	<i>Amount</i>
<i>Average Amount of All Analytes in Blank</i>	<i>&lt;5 ppm</i>

**Calibration Check**

<i>Calibration Standards</i>	<i>Units of Measure</i>	<i>*True Value</i>	<i>Analyzed Value</i>	<i>% Diff</i>	<i>Limit</i>
<i>Gasoline Range</i>	<i>ppm</i>	<i>240</i>	<i>247</i>	<i>2.8</i>	<i>15%</i>
<i>Diesel Range</i>	<i>ppm</i>	<i>300</i>	<i>336</i>	<i>11.9</i>	<i>15%</i>

**Method** - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas ChromatographyApproved by: *J-L*Date: *9/6/95*

P. O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-8786



LAB: (505) 325-5667

**TOTAL PETROLEUM HYDROCARBONS**

Attn: *Jerry Lacy*  
Company: *Triple S Trucking*  
Address: *900 S. Main*  
City, State: *Aztec, NM 87410*

Date: *6-Sep-95*  
COC No.: *3261*  
Sample No. *7927*  
Job No. *2-1000*

Project Name: *Triple S Trucking Yard*  
Project Location: *08259502*  
Sampled by: *DF*  
Analyzed by: *DC*  
Type of Sample: *Soil*

Date: *25-Aug-95* Time: *10:15*  
Date: *6-Sep-95*

**Total Petroleum Hydrocarbons**

Component	<b>**Measured Concentration mg/kg</b>
<i>Gasoline Range (C5 - C9)</i>	ND
<i>Diesel Range (C10 - C28)</i>	ND
<b>TOTAL</b>	<b>0.0</b>

ND - Not Detectable

\*\* - Method Detection Limit, 5 mg/L

**Method Blank**

Analytes in Blank	Amount
<i>Average Amount of All Analytes in Blank</i>	<5 ppm

**Calibration Check**

Calibration Standards	Units of Measure	*True Value	Analyzed Value	% Diff	Limit
<i>Gasoline Range</i>	ppm	240	247	2.8	15%
<i>Diesel Range</i>	ppm	300	336	11.9	15%

**Method** - SW-846 EPA Method 8015A mod. • Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: *Jal*  
Date: *9/6/95*

P. O. BOX 2606 • FARMINGTON, NM 87499

— TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT —



## NEW MEXICO OIL CONSERVATION DIVISION

August 16, 1995

**CERTIFIED MAIL****RETURN RECEIPT NO. Z-765-962-112**

Mr. Jerry Sandel  
 Triple S Trucking Co.  
 P.O. Box 100  
 Aztec, New Mexico 87410

Re: Unlined Pit Closure - Approval  
 Triple S Trucking Co.  
 San Juan County, New Mexico

Dear Mr. Sandel:

The Oil Conservation Division (OCD) has completed a review of Triple S Trucking Co. July 16, 1995 "Compliance Evaluation Inspection" from EPA Region 6. The report indicated that no RCRA compliance issues were noted at the facility. The unlined pit located in the northwest portion of the Triple S Trucking Co. yard was closed without the submission of verification data or NMOCD approval. The NMOCD requires the following information be submitted before closure can be approved:

1. Soil sample(s) for verification of remaining contaminants will be obtained by August 28, 1995 and analyzed for Total Petroleum Hydrocarbons (TPH).
2. Triple S will notify the OCD Aztec District office at 334-6178 48 hours in advance of the sampling, this will allow the OCD to witness any and/or all activities.
3. Results from the TPH analysis shall be sent to the Santa Fe OCD office and the Aztec District Office within 5 working days of their completion.

Please be advised that OCD approval does not relieve Triple S Trucking Co. of liability should closure activities determine that contamination exists which is beyond the scope of the work plan or if the work fails to fully delineate the extent of contamination related to Triple S Trucking Co. activities. In addition, OCD approval does not relieve Triple S Trucking Co. of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please do not hesitate to call me at (505) 827-7156.

Sincerely,



Patricio W. Sanchez, Petroleum Engineer -Environmental Bureau  
 xc: Señor Denny Foust - Environmental Geologist

## OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

November 6, 1995

**CERTIFIED MAIL****RETURN RECEIPT NO. Z-765-963-091**

Mr. Jerry Lacy  
Aztec Well Servicing Co.  
P.O. Box 100  
Aztec, NM 87410

**RE: Approval of Discharge Plan GW-217  
Aztec Well Servicing Co., Aztec Facility  
San Juan County, New Mexico**

Dear Mr. Lacy:

The discharge plan GW-217 for the Aztec Well Servicing Co. Facility located in SW/4 SW/4, Section 16, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico, is hereby approved subject to the conditions contained in the enclosed attachment. The discharge plan consists of the application and its contents dated July 27, 1995 and subsequent letter of clarification dated October 16, 1995 both from Aztec Well Servicing Co.

The discharge plan application was submitted pursuant to Section 3-106 of the New Mexico Water Quality Control Commission Regulations. Please note Sections 3-109.E and 3-109.F which provide for possible future amendments or modifications of the plan. Please be advised that the approval of this plan does not relieve Aztec Well Servicing Co. of liability should the operations associated with this facility result in pollution of surface water, ground water, or the environment.

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

Mr. Jerry Lacy  
Aztec Well Servicing Co.  
November 6, 1995  
Page 2

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.

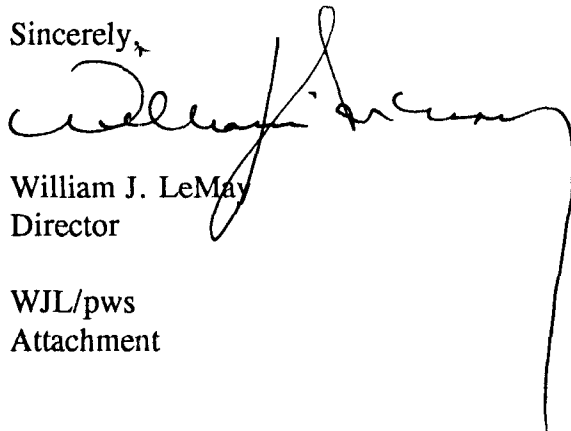
Pursuant to Section 3-109.G.4, this plan is for a period of five (5) years. This approval will expire November 6, 2000, and you should submit an application for renewal in six (6) months before this date.

The discharge plan application for the Aztec Well Servicing Co. 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 dollars (\$50) plus the flat fee of one thousand three-hundred and eighty dollars (\$1380.00) for Service Company facilities.

The \$50 filing fee has been received by the OCD. The flat fee for an approved discharge plan has not been received by the OCD. The flat fee may be paid in five (5) equal annual installments of \$276 per year, with the first installment due upon receipt of this approval. The flat fee check should be submitted to the **NMED - Water Quality Management** through the NMOCD office in Santa Fe, New Mexico.

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

Sincerely,



William J. LeMay  
Director

WJL/pws  
Attachment

xc: Mr. Denny Foust - Environmental Geologist

Mr. Jerry Lacy  
Aztec Well Servicing Co.  
November 6, 1995  
Page 3

**ATTACHMENT TO DISCHARGE PLAN GW-217 APPROVAL**  
**Aztec Well Servicing Co. - Aztec, NM**  
**DISCHARGE PLAN REQUIREMENTS**  
November 6, 1995

1. Payment of Discharge Plan Fees: The one thousand three hundred and eighty dollar (\$1380) flat fee shall be submitted upon receipt of this approval. The flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the five (5) year duration of the plan, with the first payment due upon receipt of this approval.
2. Tank Berming: All tanks that contain materials other than fresh water that, if released, could contaminate surface or ground water or the environment will be bermed to contain 1 1/3 times the capacity of the tank or 1 1/3 times the volume of all interconnected tanks.
3. Drum Storage: All full or partially used drums will be stored on impermeable pad and curb type containment. All Empty drums will be stored on their sides with the bungs in place and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets should also be stored on an impermeable pad with curbing.
4. Spills: All spills and/or leaks will be reported to the OCD district office pursuant to WQCC Rule 1-203 and OCD Rule 116. Phone the Aztec District office at 334-6178.
5. Modifications: All proposed modifications that include the construction of any below grade facilities or the excavation and disposal of wastes or contaminated soils will have OCD approval prior to excavation, construction or disposal.
6. Waste Disposal:
  - A. All oilfield wastes shall be disposed of at an NMOCD approved facility.
  - B. Only oilfield **RCRA Subtitle C Exempt Wastes** can be disposed of down Class II injection wells.
7. Housekeeping: All systems designed for spill collection (i.e. drip pans, pads with curbs, berms, etc) should be inspected frequently and emptied prior to overtopping.

Mr. Jerry Lacy  
Aztec Well Servicing Co.  
November 6, 1995  
Page 4

8. Labeling: All chemical storage containers such as drums, tanks, and buckets shall be clearly labeled to identify their contents.
9. Below Grade Tanks/Sumps: All new below-grade sumps and tanks must be approved by the OCD prior to installation and must incorporate secondary containment and leak detection in their designs. All pre-existing sumps/below grade tanks must demonstrate integrity on an annual basis.
10. Lined Pit Closure/Bio-Remmediation cell:

- A. The OCD has received the sample results submitted by Mr. Jerry Lacy under Triple S Trucking Company, dated October 31, 1995 - A fully owned Aztec Well Servicing Company. Upon review of the chemical sample analysis the soil samples are below the NMOCD guideline closure levels with a ranking score of 10. The results are outlined below:

<u>Guidelines Rank score of 10</u>	<u>Sample Result(1)</u>	<u>Sample Result(2)</u>
1. Benzene 10 ppm.	0.0064 ppm	0.0026 ppm
2. BTEX 50 ppm.	0.1161 ppm	0.121 ppm
3. TPH 1,000 ppm	6.4 ppm	151.4 ppm

**Based on these results the lined pit closure is approved.**

The excavation left by the lined pit closure shall be backfilled and compacted to conform with the topography of the yard.

Note: NMOCD approval does not relieve Aztec Well Servicing and/or Triple S Trucking Co. of liability should it latter be found that contamination exists beyond the scope of this closure. In addition, NMOCD approval does not relieve Aztec Well Servicing and/or Triple S. Trucking Co. of responsibility for compliance with any other federal, state, or local laws and/or regulations.

- B. The Bioremediation cell for the lined pit closure will be required to operate under the following conditions:
  1. The cell will be a one time use remmediation site for the lined pit contents, and shall not be mixed with other Non-exempt contaminated soils or liquids.
  2. The cell must be bermed to prevent run-off or run-on.

Mr. Jerry Lacy  
Aztec Well Servicing Co.  
November 6, 1995  
Page 5

3. The cell contents should be disked/plowed once every two weeks for best results.
4. The contaminated soil should be spread no thicker than a six(6) inch lift.
5. The following procedures shall be used to monitor the treatment zone of the bioremediation cell:
  - a. One background soil sample should be taken from outside and upslope of the bioremediation cell and analyzed for TPH and BTEX using EPA approved methods.
  - b. The treatment zone depth is not to exceed three (3) feet beneath the cell and shall be sampled and monitored six months after the cell received the contents of the lined pit with EPA approved methods for TPH, BTEX, and Benzene. After the six month treatment zone analysis the treatment zone will then be sampled quarterly.

NOTE: The treatment zone sample core holes shall be filled with cement or a bentonite pill to prevent contaminate migration downward.

6. When the cell soil contents are below closure guidelines rank score 10 levels, (i.e. TPH less than 1,000 ppm, BTEX less than 50 ppm, and Benzene less than 10 ppm.) A final closure report shall be submitted to the OCD Santa Fe office for approval-with a copy sent to the Aztec District office. The final report shall include the following:
  - a. Treatment zone monitoring results.
  - b. Background sample results.
  - c. Cell remediation soil results.

District I  
P O Box 1960, Hobbs, NM  
District II  
P.O. Drawer DD, Artesia, NM 88211  
District III  
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

RECEIVED

NOV 8 1995

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088  
Environmental Bureau  
Oil Conservation Division

SUBMIT 1 COPY  
APPROPRIATE  
DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE

## PIT REMEDIATION AND CLOSURE REPORT

Operator: AZTEC WELL SERVICING CO., INC. Telephone: 505-334-6191

Address: PO Box 100 Aztec, N.M. 87410

Facility Or: Lined pit 100 yards south of Triple S shop  
Well Name

Location: Unit or Qtr/Qtr sec SW/4 SW/4 sec 16 T 30NR 11W county San Juan County

Pit Type: Separator Dehydrator Other Holding

Land Type: BLM State, Fee XX, Other

Pit Location: Pit dimensions: length 100 ft., width 30 ft, depth 6 ft  
(Attach diagram)

Reference: wellhead other N/A

Footage from reference: N/A

Direction from reference: N/A Degrees East North West South of

Depth To Ground Water:  
(Vertical distance from  
contaminants to seasonal  
high water elevation of  
ground water)

Less than 50 feet (20 points)  
50 feet to 99 feet (10 points)  
Greater than 100 feet (0 Points) 10

Wellhead Protection Area:  
(Less than 200 feet from a private  
domestic water source, or; less than  
1000 feet from all other water sources)

Yes (20 points)  
No (0 points) 0

Distance To Surface Water:  
(Horizontal distance to perennial  
lakes, ponds, rivers, streams, creeks,  
irrigation canals and ditches)

Less than 200 feet (20 points)  
200 feet to 1000 feet (10 points)  
Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: 02/20/95

Dated Completed: 11-3-95

Remediation Method: Excavation \_\_\_\_\_  
(Check all appropriate sections)

Approx. cubic yards 20

Landfarmed XX

Insitu Bioremediation XX

Other \_\_\_\_\_

Remediation Location: Onsite XX Offsite \_\_\_\_\_  
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: Liquid was allowed to dry..

Solid (on top of liner) was placed in bermed area to the Southeast  
of the pit, approximately 600 ft. from the pit. Bermed area will  
be monitored and closed as soon as similiar test show Benzene, Total  
Btex, and TPH at acceptable limits.

Ground Water Encountered: No XX Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit:  
Closure Sampling:  
(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location Composite samples taken mixture  
of 5 different spots.

Sample depth 8 ft

Sample date 10/25/95

Sample time 9:00 AM

#### Sample Results

Benzene(ppm) .0064 .0026

Total BTEX(ppm) .1161 .121

Field headspace(ppm) \_\_\_\_\_

TPH 6.4 151.4

Ground Water Sample: Yes \_\_\_\_\_ No XX (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 10-25-95

SIGNATURE 

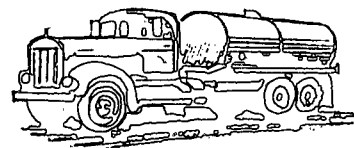
PRINTED NAME  
AND TITLE

Jerry Lacy  
Safety Supervisor



**TRIPLE S TRUCKING CO.**

POST OFFICE BOX 100  
AZTEC, NEW MEXICO 87410  
TELEPHONE (505) 334-6193



JERRY SANDEL

OIL CONSERVATION DIVISION  
RECEIVED

NOV 8 1995

October 31, 1995

Oil Conservation Division  
P.O. Box 6429  
Santa Fe, New Mexico 87505-6429

Reference: Soil testing for closed lined pit

Attention: Patricio W. Sanchez  
Petroleum Engineer

Dear Mr. Sanchez,

On October 12, 1995 at 8:55 am and 9:00 am 2 composite soil samples were taken from 5 different points of pit (for each sample).

The samples were from 8 ft. which was underneath the pit liner. Results are attached.

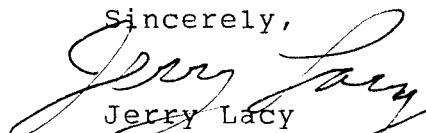
These samples were taken by Jerry Lacy, Triple S Trucking Safety Supervisor. Operation was witnessed and photographed by Stewart Peterson, Triple S Trucking Vice President. Copies of photograph are attached.

**RECEIVED**

**NOV 6 1995**

Environmental Bureau  
Oil Conservation Division

Sincerely,

  
Jerry Lacy  
Safety Supervisor

OFF: (505) 325-8786

**ON SITE**  
TECHNOLOGIES, LTD.

LAB: (505) 325-5667

**AROMATIC VOLATILE ORGANICS**

Attn: *Jerry Lacy*  
Company: *Triple S Trucking*  
Address: *900 S. Main*  
City, State: *Aztec, NM 87410*

Date: 25-Oct-95  
COC No.: 3551  
Sample No. 8690  
Job No. 2-1000

Project Name: *Triple S Trucking*  
Project Location: *Soil No. 1*  
Sampled by: JL  
Analyzed by: DC  
Type of Sample: *Soil*

Date: 12-Oct-95 Time: 8:55  
Date: 25-Oct-95

**Aromatic Volatile Organics**

Component	Result	Units of Measure	Detection Limit	Units of Measure
Benzene	2.6	ug/kg	0.2	ug/kg
Toluene	25.8	ug/kg	0.2	ug/kg
Ethylbenzene	7.0	ug/kg	0.2	ug/kg
m,p-Xylene	71.4	ug/kg	0.2	ug/kg
o-Xylene	14.2	ug/kg	0.2	ug/kg
	<b>TOTAL</b>	121.0	ug/kg	

**RECEIVED**

NOV 6 1995

Environmental Bureau  
Oil Conservation Division

**Method** - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by: *Ja G*

Date: *10/25/95*

P. O. BOX 2606 • FARMINGTON, NM 87499

— TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT —

OFF: (505) 325-8786



LAB: (505) 325-5667

**AROMATIC VOLATILE ORGANICS**

Attn: *Jerry Lacy*  
Company: *Triple S Trucking*  
Address: *900 S. Main*  
City, State: *Aztec, NM 87410*

Date: *25-Oct-95*  
COC No.: *3551*  
Sample No. *8691*  
Job No. *2-1000*

Project Name: *Triple S Trucking*  
Project Location: *Soil No. 2*  
Sampled by: *JL*  
Analyzed by: *DC*  
Type of Sample: *Soil*

Date: *12-Oct-95* Time: *9:00*  
Date: *25-Oct-95*

**Aromatic Volatile Organics**

<b>Component</b>	<b>Result</b>	<b>Units of Measure</b>	<b>Detection Limit</b>	<b>Units of Measure</b>
<i>Benzene</i>	<i>6.4</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>Toluene</i>	<i>55.4</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>Ethylbenzene</i>	<i>4.5</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>m,p-Xylene</i>	<i>45.3</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>o-Xylene</i>	<i>4.4</i>	<i>ug/kg</i>	<i>0.2</i>	<i>ug/kg</i>
<i>TOTAL</i>	<i>116.1</i>	<i>ug/kg</i>		

**Method** - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by: *JL*  
Date: *10/25/95*

P. O. BOX 2606 • FARMINGTON, NM 87499

— TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT —

OFF: (505) 325-8786



LAB: (505) 325-5667

**QUALITY ASSURANCE REPORT**  
for EPA Method 8020

Date Analyzed: 25-Oct-95

Internal QC No.: 0419-STD

Surrogate QC No.: 0420-STD

Reference Standard QC No.: 0355-STD

**Method Blank**

Analyte	Result	Units of Measure
Average Amount of All Analytes In Blank	<0.2	ppb

**Calibration Check**

Analyte	Units of Measure	* True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20	19	6	15%
Toluene	ppb	20	19	7	15%
Ethylbenzene	ppb	20	18	8	15%
m,p-Xylene	ppb	40	38	6	15%
o-Xylene	ppb	20	18	8	15%

**Matrix Spike**

Analyte	1- Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	86	89	(39-150)	3	20%
Toluene	86	90	(46-148)	2	20%
Ethylbenzene	90	92	(32-160)	1	20%
m,p-Xylene	100	101	(35-145)	1	20%
o-Xylene	82	86	(35-145)	3	20%

**Surrogate Recoveries**

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered
Limits	(70-130)	
8691-3551	106	

S1: Fluorobenzene

P. O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-8786



LAB: (505) 325-5667

**TOTAL PETROLEUM HYDROCARBONS**

Attn: *Jerry Lacy*  
 Company: *Triple S Trucking*  
 Address: *900 S. Main*  
 City, State: *Aztec, NM 87410*

Date: *16-Oct-95*  
 COC No.: *3351*  
 Sample No. *8690*  
 Job No. *2-1000*

Project Name: *Triple S Trucking*  
 Project Location: *Soil No. 1*  
 Sampled by: *JL*  
 Analyzed by: *DC*  
 Type of Sample: *Soil*

Date: *12-Oct-95* Time: *8:55*  
 Date: *15-Oct-95*

**Laboratory Analysis**

Analyte	Result	Units of Measure	Detection Limit	Units of Measure
Gasoline Range (C5 - C9)	7.4	mg/kg	5.0	mg/kg
Diesel Range (C10 - C28)	144.0	mg/kg	5.0	mg/kg
	TOTAL	151.4		mg/kg

**Quality Assurance Report**

GRO QC No.: *0429-STD*  
 DRO QC No.: *0430-STD*

**Calibration Check**

Analyte	Method Blank	Units of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	< 50	ppb	1,351	1,338	1.0	15%
Diesel Range (C10 - C28)	< 5	ppm	2,000	1,859	7.1	15%

**Matrix Spike**

Analyte	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	97	104	(70-130)	5	20%
Diesel Range (C10-C28)	98	101	(70-130)	2	20%

**Method** - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: *DC*Date: *10/16/95*

P. O. BOX 2606 • FARMINGTON, NM 87499

OFF: (505) 325-8786



LAB: (505) 325-5667

**TOTAL PETROLEUM HYDROCARBONS**

Attn: *Jerry Lacy*  
 Company: *Triple S Trucking*  
 Address: *900 S. Main*  
 City, State: *Aztec, NM 87410*

Date: *16-Oct-95*  
 COC No.: *3351*  
 Sample No. *8691*  
 Job No. *2-1000*

Project Name: *Triple S Trucking*  
 Project Location: *Soil No. 2*  
 Sampled by: *JL*  
 Analyzed by: *DC*  
 Type of Sample: *Soil*

Date: *12-Oct-95* Time: *9:00*  
 Date: *15-Oct-95*

**Laboratory Analysis**

Analyte	Result	Units of Measure	Detection Limit	Units of Measure
Gasoline Range (C5 - C9)	6.4	mg/kg	5.0	mg/kg
Diesel Range (C10 - C28)	ND	mg/kg	5.0	mg/kg
TOTAL	6.4	mg/kg		

**Quality Assurance Report**

GRO QC No.: *0429-STD*  
 DRO QC No.: *0430-STD*

**Calibration Check**

Analyte	Method Blank	Units of Measure	True Value	Analyzed Value	% Diff	Limit
Gasoline Range (C5 - C9)	< 50	ppb	1,351	1,338	1.0	15%
Diesel Range (C10 - C28)	< 5	ppm	2,000	1,859	7.1	15%

**Matrix Spike**

Analyte	1- Percent Recovered	2- Percent Recovered	Limit	%RSD	Limit
Gasoline Range (C5-C9)	97	104	(70-130)	5	20%
Diesel Range (C10-C28)	98	101	(70-130)	2	20%

**Method** - SW 846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: *[Signature]*Date: *10/16/95*

P. O. BOX 2606 • FARMINGTON, NM 87499

**District I**

P.O. Box 1980, Hobbs, NM

**District II**

P.O. Drawer DD, Artesia, NM 88211

**District III**

1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department**OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO  
APPROPRIATE  
DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE**PIT REMEDIATION AND CLOSURE REPORT**Operator: AZTEC WELL SERVICING CO., INC. Telephone: 505-334-6191Address: PO Box 100 Aztec, N.M. 87410Facility Or: Lined pit 100 yards south of Triple S shop

Well Name

Location: Unit or Qtr/Qtr Sec SW/4 SW/4 Sec 16 T 30NR 11W County San Juan CountyPit Type: Separator Dehydrator Other HoldingLand Type: BLM State, Fee XX, OtherPit Location: Pit dimensions: length 100 ft., width 30 ft, depth 6 ft  
(Attach diagram)Reference: wellhead other N/AFootage from reference: N/ADirection from reference: N/A Degrees East North  
of  
West South**Depth To Ground Water:**(Vertical distance from  
contaminants to seasonal  
high water elevation of  
ground water)

Less than 50 feet (20 points)

50 feet to 99 feet (10 points)

Greater than 100 feet (0 Points) 10**Wellhead Protection Area:**(Less than 200 feet from a private  
domestic water source, or; less than  
1000 feet from all other water sources)

Yes (20 points)

No (0 points) 0**Distance To Surface Water:**(Horizontal distance to perennial  
lakes, ponds, rivers, streams, creeks,  
irrigation canals and ditches)

Less than 200 feet (20 points)

200 feet to 1000 feet (10 points)

Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS):

10

Date Remediation Started: 02/20/95

Dated Completed: 11-3-95

Remediation Method: Excavation \_\_\_\_\_  
(Check all appropriate sections) Landfarmed XX

Approx. cubic yards 70

Landfarmed XX

Insitu Bioremediation XX

Other

**Remediation Location:**      Onsite xx   Offsite  
(ie. landfarmed onsite,  
name and location of  
offsite facility)

**General Description Of Remedial Action:** Liquid was allowed to dry.

Solid (on top of liner) was placed in bermed area to the Southeast of the pit, approximately 600 ft. from the pit. Bermed area will be monitored and closed as soon as similiar test show Benzene, Total Btex, and TPH at acceptable limits.

Ground Water Encountered: No xx Yes Depth

**Final Pit:**  
**Closure Sampling:**  
(if multiple samples,  
attach sample results  
and diagram of sample  
locations and depths)

Sample location Composite samples taken mixture  
of 5 different spots.

Sample depth 8 ft

Sample date 10/25/95

Sample time 9:00 AM

## Sample Results

Benzene (ppm)	.0064	<u>.0026</u>
---------------	-------	--------------

Total BTEX (ppm)	.1161	.121
------------------	-------	------

Field headspace (ppm)

TPH	6.4	151.4
-----	-----	-------

**Ground Water Sample:** Yes No ☒ (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

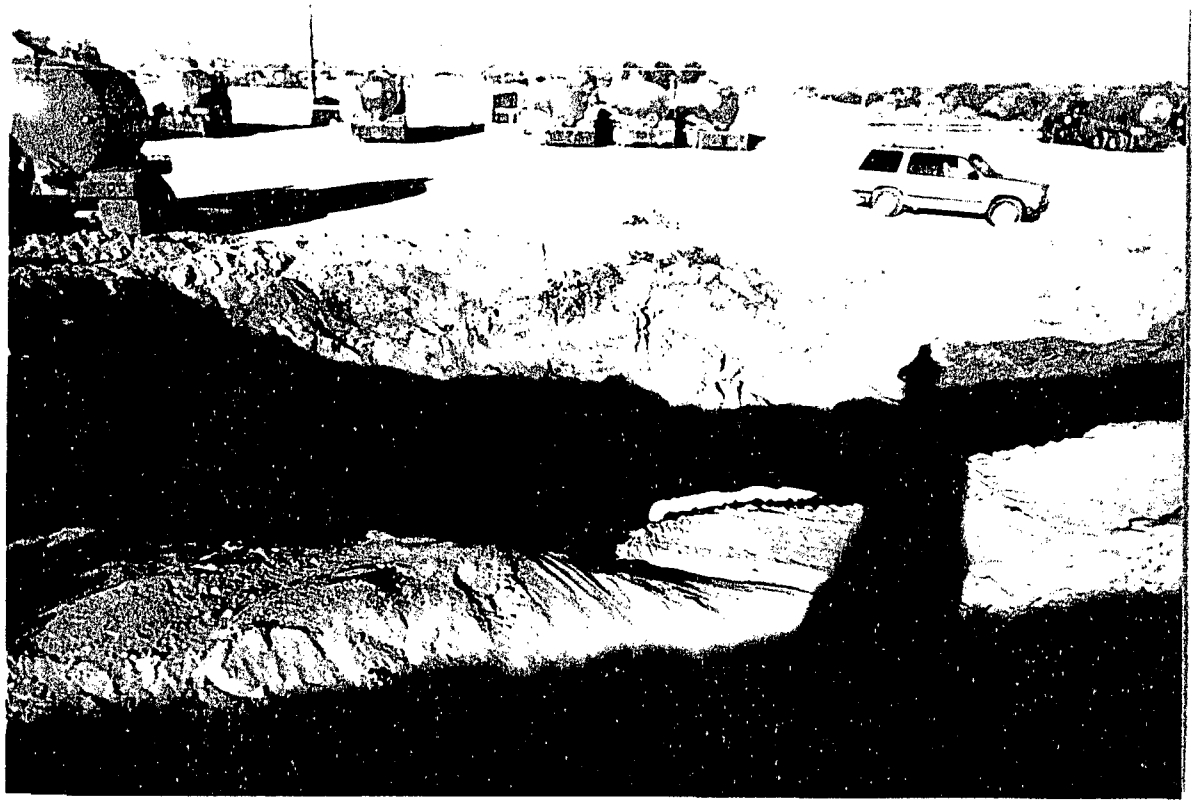
DATE 10-25-95

**SIGNATURE**

PRINTED NAME  
AND TITLE

Jerry Lacy  
Safety Supervisor













## **Pat Sanchez**

---

**From:** Denny Foust  
**To:** Pat Sanchez  
**Subject:** RE: Aztec Well Service - Gw-217 additional information.  
**Date:** Tuesday, October 24, 1995 8:37AM

DISPOSAL OF WASHWATER--NEEDS MORE DETAIL , POSSIBILITY OF GOING THROUGH SEWAGE TREATMENT PLANT, TESTING FOR KNOWLEDGE OF PROCESS FOR INJECTION WELL DISPOSAL(/). NOTIFICATION PROCEDURE FOR LEAKS SPILLS NEEDS PHONE NUMBERS AND MORE DETAIL ON WHO WITHIN THE COMPANY IS TO BE NOTIFIED AND WHAT THERE RESPONSIBILITIES ARE. THIS REPORT STILL VERY UNCLEAR IF YOU ARE NOT FAMILIAR WITH THE YARD. THESE PLANS SHOULD BE DESIGNED SO THAT PEOPLE WILL KNOW WHAT TO DO EVEN IN THE ABSENCE OF MANAGEMENT ON THE SCENE.

-----  
**From:** Pat Sanchez  
**To:** Denny Foust  
**Subject:** Aztec Well Service - Gw-217 additional information.  
**Date:** Monday, October 23, 1995 9:54AM  
**Priority:** High

Denny, If you have any comments regarding the latest submittal by Aztec Well Service please let me know by Thursday October 26, 1995. I will draft up approval letter for Mr. LeMays signature with several conditions of approval . The conditions will address timelines as well as the one time use of the remediation cell for the lined pit closure. Note: this pit contained exempt E&P fluids from "pit haulers" and should not be mixed with Non-exempt fluids. If Non-exempt fluids have been mixed the remediation cell will now be subject to TCLP and hazardous characteristics testing along with the current TPH, BTEX, and Benzene testing requirements. ( The reason for this is the listed waste that would be generated due to shop solvent possibly coming into contact with other spills.)

PHONE 334-6191  
P.O. BOX 100



AZTEC, NEW MEXICO 87410

CONSERVATION DIVISION JERRY WAYNE SANDEL  
PRESIDENT

OCTOBER 16, 1995

State of New Mexico  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87503

**RECEIVED**

OCT 18 1995

Environmental Bureau  
Oil Conservation Division

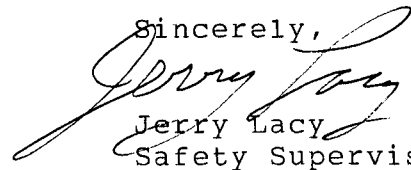
ATTN: Patricio W. Sanchez  
Petroleum Engineer

Dear Mr. Sanchez,

Enclosed is a reworked copy of Aztec Well Servicing Company Inc's discharge plan.

If you have any comments or questions please contact us at 505-334-6191.

Sincerely,

  
Jerry Lacy  
Safety Supervisor

*AZTEC WELL SERVICING CO. INC.*

*DISCHARGE PLAN*



**RECEIVED**

**OCT 18 1995**

Environmental Bureau  
Oil Conservation Division



**I. TYPE OF OPERATION - MAIN OFFICE & FIELD OFFICE FOR:**

**A. AZTEC WELL SERVICING CO. INC.**

OPERATIONS - MAINTENANCE AND SERVICING OF:

1. DRILLING RIGS
2. COMPLETION UNITS
3. COMPANY VEHICLES
4. FRAC. TANKS

**B. TRIPLE S. TRUCKING CO.**

OPERATIONS - MAINTENANCE AND SERVICING OF:

1. WATER TRUCKS
2. RIG-UP TRUCKS
3. COMPANY VEHICLES
4. FRAC TANKS
5. BLOW TANKS

**C. TOTAL RENTAL & EQUIPMENT**

1. SALES OF OIL FIELD SUPPLIES
2. MAINTENANCE OF WELL CONTROL EQUIPMENT

**II. NAME OF OPERATOR**

AZTEC WELL SERVICING CO. INC.  
JERRY SANDEL - PRESIDENT  
P.O. BOX 100  
AZTEC, NEW MEXICO 87410

**III. LOCATION OF DISCHARGE**

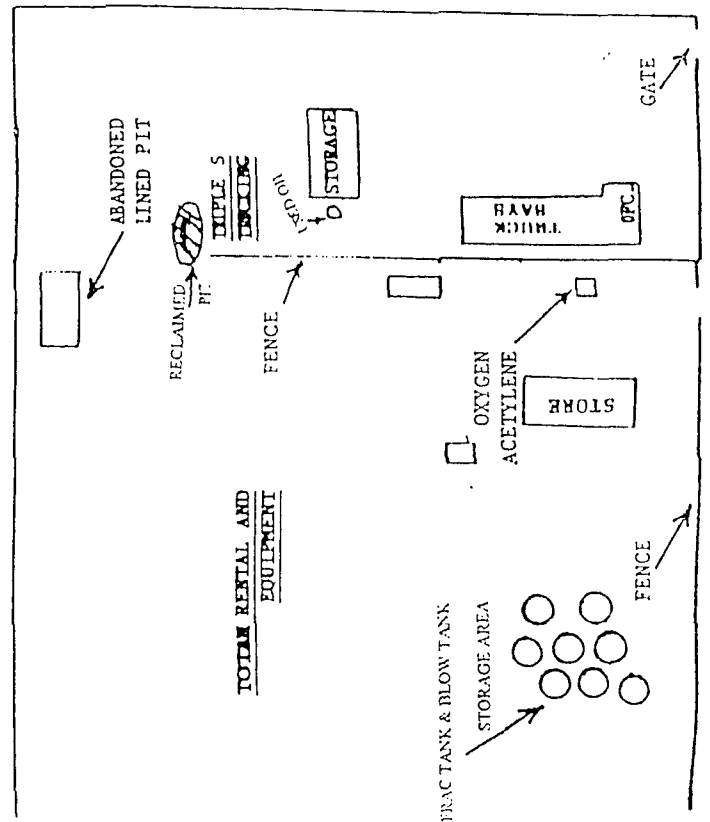
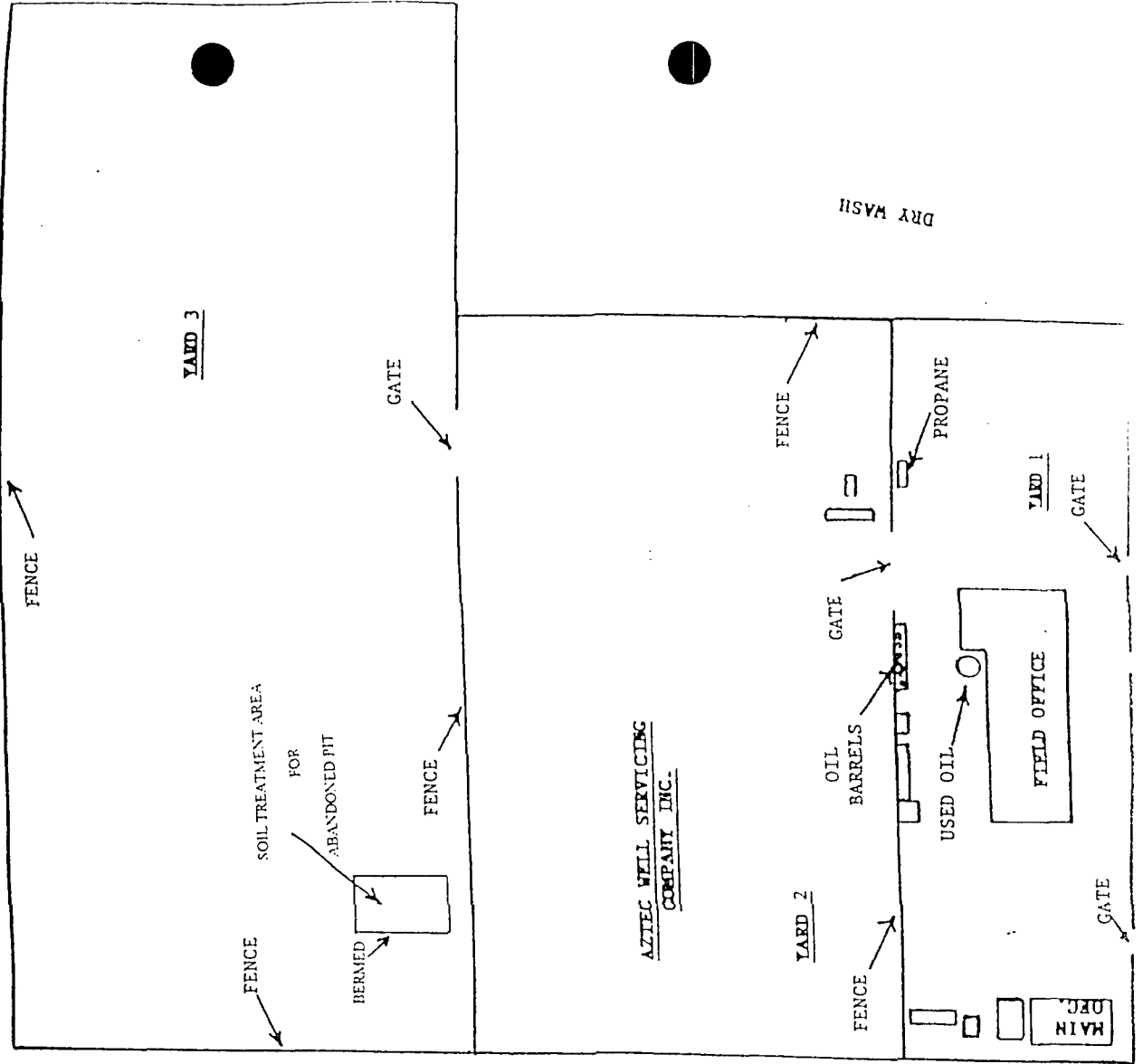
SW 1/4 SEC. 16 T30 R11W ( ATTACHMENT NO. 1 )  
SAN JUAN COUNTY, NEW MEXICO

**IV. LANDOWNERS**

AZTEC WELL SERVICING CO. INC.  
P.O. BOX 100  
AZTEC, NEW MEXICO 87410.

505-334-6191

# V. FACILITY DESCRIPTION



## MATERIALS STORED AND USED AT THE FACILITIES

[illegible]

VII SOLID WASTE				
SOLID WASTE	SOURCE		VOLUME / MONTH	
		AZTEC	TRIPLE S	TOTAL
BATTERIES	VEHICLES/UNITS/RIGS	10	10	0
OIL FILTERS	VEHICLES/UNITS /RIGS	80	70	0
EMPTY PAINT CANS	SHOP / FIELD	20	1	0
EMPTY BARRELS	RIGS /UNITS /SHOPS	20	2	0
EMPTY 5 GAL. CANS	RIGS /UNITS SHOPS	10	2	0
TIRES	RIGS /UNITS /VEHICLES	5	10	0

VIIISUMMARY DESCRIPTION OF EXISTING LIQUID  
AND SOLID WASTE COLLECTION AND DISPOSAL

<u>LIQUID WASTE</u>	<u>DISPOSAL METHOD</u>	<u>AZTEC</u>	<u>TRIPLE S</u>	<u>TOTAH</u>
WASH WATER	WATER COLLECTED IN SUMP SUMP EMPTIED BY WATER TRUCK AND TAKEN TO APPROVED DISPOSAL SITE	X	X	N/A
USED OIL	COLLECTED IN BIN EMPTIED EVERY MONTH BY BOTH MESA OIL AND D & D OIL	X	X	X
CLEANING SOLVENT	RECYCLED BY SAFETY KLEEN MONTHLY	X	X	N/A
<u>SOLID WASTE</u>				
BATTERIES	PICKED-UP AT TOTAH BY INTERSTATE BATTERIES AND DATE RECORDED	X	X	N/A
OIL FILTERS	DRAINED (HOT) AND PLACED IN TRASH THEN PICKED UP BY WASTE MANAGEMENT	X	X	N/A
EMPTY PAINT CANS	EMPTIED COMPLETELY ALLOWED TO DRY OUT THEN PUT IN TRASH (W/ LID OFF ) FOR LAND FILL	X	X	X
EMPTY OIL DRUMS	PICKED UP BY DIAL OIL	X	X	X
EMPTY 5 GAL. CANS	EMPTIED COMPLETELY THEN PLACED IN TRASH WITH LID OFF	X	X	X
TIRES	ACCEPTED BY LAND FILL ( 4 AT A TIME )	X	X	NA

IX. PROPOSED MODIFICATIONS OF COLLECTION/TREATMENT/  
DISPOSAL SYSTEMS

1. WILL RECORD DATES OF PICK UP OF USED BATTERIES AND NUMBER ( THIS IS DONE AT TOTAH )
2. WILL ANNUALLY INSPECT WASH WATER CATCH BASINS
3. BERMS WILL BE CONSTRUCTED AROUND USED OIL TANKS
4. CONTAINMENT EDGE WILL BE CONSTRUCTED ON OIL BARREL DOCK TO CONTAIN ANY LEAKS
5. OLD USED OIL BARRELS & CANS WILL BE DISPOSED OF PROPERLY ( MOST BARRELS RETURNED TO DIAL OIL. CANS EMPTIED TOTALLY AND TAKEN TO LAND FILL OR REUSED ) EMPTY DRUMS STORED IN ONE AREA ON THEIR SIDE ON CURBED CONTAINMENT ( WITH BUNGS IN PLACE AND HORIZONTAL TO GROUND )
6. USED EMPTY PAINT CANS TAKEN TO LAND FILL ( WITH LIDS OFF )
7. WILL BERM OFF AN AREA WITH DIRT TO HOLD SOIL FROM CLOSED LINED PIT PURPOSE- TO PROVIDE AREA TO HOLD SOIL UNTIL AERATION PROCESS REMOVES CONTANIMENTS ( SEE DRAWING V )
8. UNLINED PIT AND LINED PIT WILL BE CLOSED

A. INSPECTION , MAINTENCE AND REPORTING

- A. ROUTINE INSPECTIONS WILL BE MADE OF BERMED CONTAINMENT PIT
  1. VISUALLY BI-MONTHLY
  2. TURNING SOIL AS NEEDED
  3. SOIL TESTED ANNUALLY TIL CLOSED
- B. NO GROUND WATER MONITORING
- C. NATURAL RUN OFF- RUNS INTO DITCHES OF ROADWAYS OR WASH THAT BORDER FACILITY ( SLOWED BY GRAVEL BASE IN YARD )

**XI. METHODS OF REPORTING AND CLEAN-UP  
OF SPILLS OR RELEASES**

1. IF SPILL OR RELEASE IS WATER IT IS VACUUMED  
UP BY A WATER TRUCK AND HAULED TO AN  
APPROVED DISPOSAL SITE.  
(DATE AND AMOUNT RECORDED ON TRUCK TICKET )
2. IF, OIL IT IS VACUUMED AND PUT IN USED OIL BIN  
AND LATER PICKED UP MBY USED OIL RECYCLERS
3. SMALL LEAKS ON GROUND ARE RAKED TO ALLOW  
AIR TO BREAK DOWN SOIL.
4. LARGER SPILLS ARE IMMEDIATELY REPORTED  
TO SUPERVISORS OF FACILITY AND IMMEDIATELY  
TO LOCAL OFFICAL OF O. C. D.

**XII. SITE CHARACTERISTICS**

**GEOLOGICAL / HYDROLOGICAL EVIDENCE**

( SEE ATTACHMENT NO. 2 )

1. LOCATION OF FRESH WATER  
CLOSEST FRESH WATER - IRRIGATION  
DITCH 1000+ FT. FROM AZTEC WELL  
SERVICING'S PROPERTY ( TO THE  
NORTHWEST )
2. LOCATION OF GROUND WATER  
-30 FT. TO -90 FT. (VARIES IN DEPTH )  
( SEE ATTACHMENT NO. 2 )
3. OTHER FORMS  
NONE

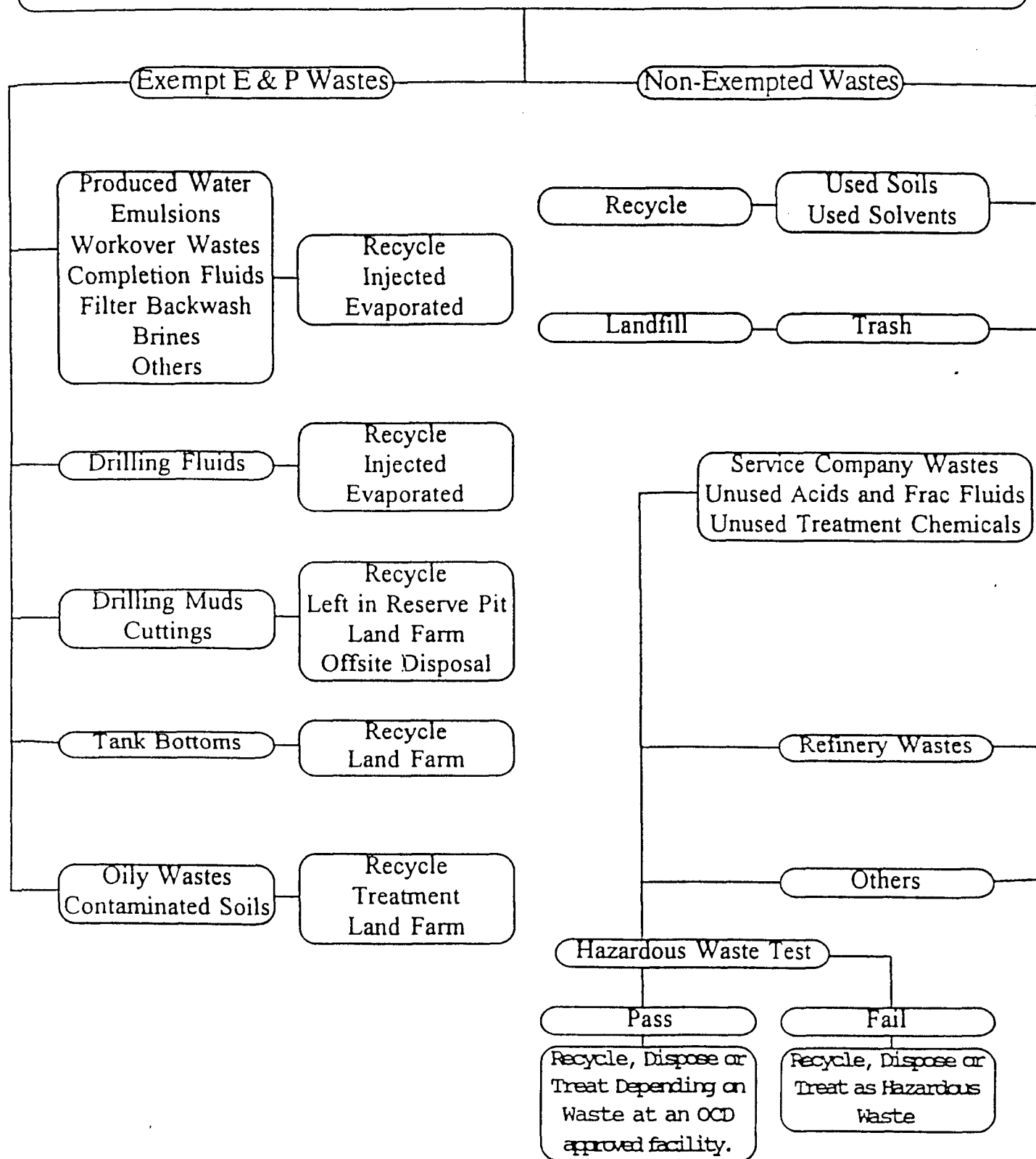
**XIII. OTHER COMPLIANCE INFORMATION**

1. FACILITIES ARE FOLLOWING ATTACHED  
METHODS ( SEE XIII-B )

# New Mexico OIL FIELD WASTES

## CATEGORIES AND DISPOSAL METHODS

### OIL AND GAS EXPLORATION AND PRODUCTION WASTES

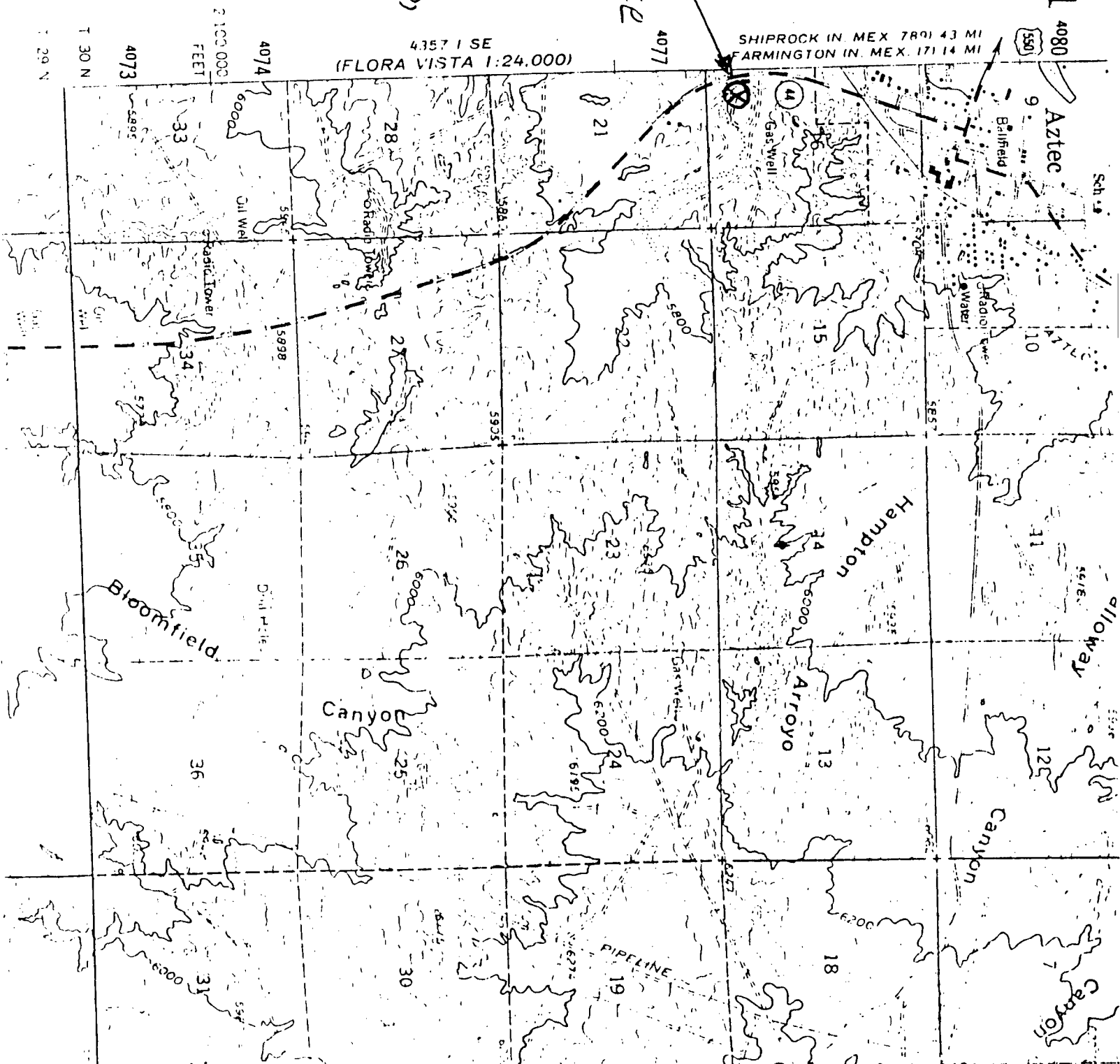


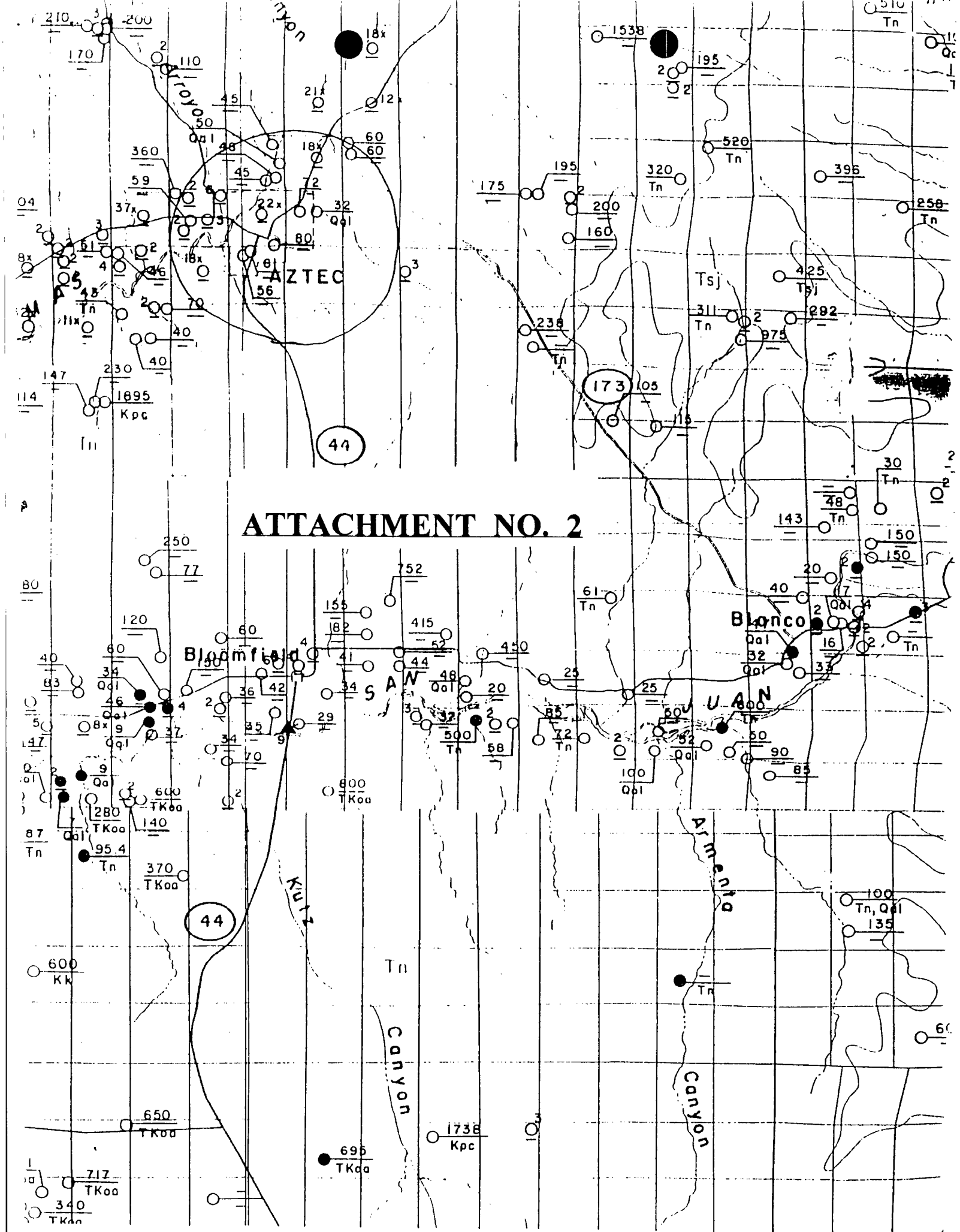
Please contact the Oil Conservation Division concerning any waste or disposal methods not listed.



# ATTACHMENT NO. 1

Aztec Well Service  
 Gw-217  
 SW/4 SW/4,  
 Section 16,  
 Township 30 North,  
 Range 11 West,  
 NM PM,  
 San Juan County,  
 New Mexico





# ATTACHMENT NO. 2

Table 1.--Records of water wells and springs in San Juan County prior to 1978 - Continued

Location	Latitude- Longitude	Number or name	Depth (feet)	Altitude (feet)	Depth to water (feet)	Date	Producing interval (feet)	Principal water- bearing unit(s)	Specific conductance (umhos/cm at 25°C)	Date	Log available	Reference	Draw- down (feet)	Dis- charge (gal/min)	Dura- tion (hours)	Remarks
30.10.20.3	-	Hartman	-	6,190	91	-	-	Ta	-	-	-	-	-	-	-	-
30.10.23.2	-	EPHC Middle #1	311	6,260	-	-	285-305	Ta	-	-	-	-	-	20x	-	-
30.10.23.4212	364748 1075052	EPHC Eaststar- bocker #1	975	6,215	-	-	266-266 310-486 396-686 832-916	Ta	4,270 8,330	05-29-73 06-18-75	-	-	-	-	-	-
30.10.24.2	-	EPHC Florence #1	293	6,280	-	-	-	Ta	-	-	-	-	-	-	20	-
30.11.06.4114	365035 1075929	Jody Barton	50	5,640	35	09-26-74	-	Qa1	890	09-26-74	-	-	-	-	-	-
30.11.09	-	Clyde Van Dusen	-	-	-	-	-	Qa1	4,320	07-26-54	-	-	-	-	-	-
30.11.09	-	Peach Spring	-	-	-	-	-	-	-	11-25-33	-	-	-	-	-	-
30.11.10	-	A. V. Moore	32	-	-	-	-	Qa1	-	-	-	-	-	-	-	-
30.11.17.2432	364850 1080026	John Boylert	-	5,622	39.5	09-30-74	-	Qa1	1,500	09-30-74	-	-	-	-	-	-
30.11.17.3211	364843 1080102	Coy Steeking	-	5,588	10.1	09-26-74	-	Qa1	910	09-26-74	-	-	-	-	-	-
30.11.18.1134	364807 1080220	Kenneth McCament	143	5,575	26.2	09-26-74	-	Ta	1,340	09-26-74	-	-	-	-	-	-
30.12.06.1414	365038 1080620	Richman	-	5,856	67.4	10-22-74	-	Ta	-	-	-	-	-	-	-	-
30.12.22	-	Ellis Ryan	-	-	-	-	-	-	-	07-11-56	-	-	-	-	-	-
30.12.220	-	Borman	50	-	-	07-26-57	-	Taol	-	-	-	-	-	-	-	-
30.12.23.4343	364727 1080353	Ernest Tolly	29	5,520	12.8	09-26-74	-	Qa1	1,450	09-26-74	-	-	-	-	-	-
30.12.24.3221	364750 1080304	Enlilio Garcia	31	5,538	14.9	09-26-74	-	Qa1	-	-	-	-	-	-	-	-
30.12.25.4432	364643 1080236	-	1,895	5,450	-	-	-	Qa1	-	-	-	-	-	-	-	-
30.12.27.4221	364658 1080440	Earl Ritter	59	5,590	9.4	09-26-74	-	Qa1	-	-	-	-	-	-	-	-
30.12.28.4422	364648 1080538	Jose Deau	22	5,465	7.0	09-26-74	-	Qa1	-	-	-	-	-	-	-	-
30.12.29.12	364722 1080722	Floyd Cordantier	200	5,640	100	07-22-59	184-200	Taol	2,250	07-21-59	-	-	-	-	-	-
30.12.30.1233	364718 1080830	-	-	5,763	-	-	-	-	-	-	-	-	-	-	-	-
30.12.31.34	364550 1080830	E. Evans Spring	-	5,430	-	-	-	Taol	1,890	09-27-46	-	-	-	-	-	-
30.12.32.2331	364614 1080708	McMahon #1, dug well	20	5,610	4.8	07-09-77	-	Qa1	1,180	07-10-77	-	-	-	7.35	450	6.3
30.12.33.3333	364612 1080712	McMahon #2, dug well	20	5,610	5	07-09-77	-	Qa1	-	-	-	-	-	-	-	-

TDS = Total Dissolved Solids.

TDS = Specific Conductance x 0.75

TDS = 1,500 [umhos/cm] x 0.75

TDS = 1,125 mg/l

Well located "fing-  
er" west of Arac.

Well is down.

Converted to E.O.

ETC of quarry  
domestic well is  
2,100 umhos.

Converted to E.O.

In bed of wash.

COMMERCIAL SURFACE DISPOSAL FACILITIES

## SOUTHEAST

COMPANY	ORDER NO.	LOCATION	WASTE	DATE
Burro Pipeline	R-3238	Lane Salt Lake S13 T10S R32E	PW	1967
C & C	R-9769-A	S02 T20S R37E	LF	1993
CRI	R-9166	S27 T20S R32E	PW TP S M	1990
Daugherty	R-5464	Crosby Salt Lake S24 T08S R29E S19 T08S R30E	PW	1977
ESSR	---	S01 T26S R31E	LF	1993
Loco Hills	R-6811-A	S16 T17S R30E	PW TP	1982
Parabo	R-5516	S29 T21S R36E	PW TP S M	1977 1983
R & R Inc.	---	S05 T02N R01E	PW	1993
Unichem	R-7113	S26 T23S R29E	PW	1982

## NORTHWEST

COMPANY	ORDER NO.	LOCATION	WASTE	DATE
Basin Disposal	---	S03 T29N R11W	PW	1985
Envirotech No. 1	---	S26 T27N R11W	LF	1990
Envirotech No. 2	---	S06 T26N R10W	LF	1992
SWWD	---	S04 T29N R09W	PW	1988
Sunco	R-9485-A	S02 T29N R12W	PW	1991
TNT Construction	---	S08 T25N R03W	PW LF	1990 1992
Tierra	R-9772	S02 T29N R12W	LF	1992

PW - Produced Water  
 TP - Waste Oil Treating Plant  
 S - Solids  
 LF - Landfarm (Solids)  
 M - Drilling Muds

# ATTACHMENT NO. 2

Table 2.—Records of water wells in San Juan County, 1978-83 - Continued

LOCATION	NAME	WELL NUMBER	USE	DEPTH PERFORATIONS AQUIFER
30.11.09.14	Suchodolski, Larry	SJ-0750	dom	26
30.11.09.232	Long, Lawrence	SJ-0364	dom	33
30.11.09.4	Padilla, Andy	SJ-0347	dom	35
30.11.09.41	Dorman, Walter	SJ-1436	dom	210
30.11.10.134	Horne, Troy V.	SJ-0348	dom	72
30.11.13.13	Charland, Richard W.	SJ-1693	dom	225
30.11.13.13	Meuir, James R.	SJ-1672	dom	180
30.11.13.133	Reynolds, Timothy	SJ-1294	dom, stk	92
30.11.16.12	Ford, James P.	SJ-0410	dom	61
*30.11.16.221	Shockey, H. H.	SJ-1082	dom	80
30.11.17.1	Swaites, Howard L.	SJ-30.11.17.1	dom	20
30.11.17.11	Lambert, Richard	SJ-1528	dom	26
30.11.17.2112	Taylor, Dennis	SJ-1342	dom	26
30.11.17.22	Brown, Robert or Jan	SJ-0665	dom, stk	28
30.11.17.22	Pilling, Carl K.	SJ-0745	dom	54
30.11.17.23	Olguin, Lloyd	SJ-1057	dom	63
30.11.17.23	Stone, Thomas F.	SJ-1060	dom	58
30.11.17.23	Watson, Bud & Cathy	SJ-0166	dom	48
30.11.17.23	Webster, Charies	SJ-1200	dom, stk	50
30.11.17.24	Howard, Roy A.	SJ-0159	dom	35
30.11.17.31	Tharrington, R. B.	SJ-1296	dom	50
30.11.17.32	Cunningham, Lonnie	SJ-0234	dom	54
30.11.17.41	Hoffman, Lottie M.	SJ-0411	dom, stk	60
30.11.17.41	Elder, Eugene	SJ-0457	dom	52
30.11.17.412	Martinez, Tony J.	SJ-0650	dom	49
30.11.17.413	Mintum, Emory	SJ-0136	dom	69
30.11.17.42	Easterling, Donald R	SJ-1316	dom	46
30.11.18.113	Marr, Joseph I.	SJ-1639	dom	40
30.11.18.122	Moore, Alex D.	SJ-0932	dom	32
30.11.18.124	Burns, Dale	SJ-1786	dom	35
30.11.18.13	Christensen, Steve	SJ-1401	dom, stk	44
30.11.18.13	Davin, Roy	SJ-1733	dom	29
30.11.18.13	Rodgers, John	SJ-1738	dom	33
30.11.18.13	Smith, Frank	SJ-1072	dom	100
30.11.19.21	Zenke, Norman W.	SJ-0638	dom, stk	130
30.11.19.21	Gordon, Randy	SJ-1636	dom	70

TRIASSIC

Rgc - Glen Canyon Group, undivided  
R Triassic rocks, undivided

PERMIAN

Pc - Cutler Formation

FORMATION CONTACT -- Approximately located

## ATTACHMENT NO. 2

### HYDROLOGIC DATA EXPLANATION

○<sup>20</sup>/<sub>Qal</sub> WATER WELL--Number is depth of well below land surface, in feet; letters indicate geologic source of water. (See principal water-bearing unit(s) in table 1, and aquifer in table 2.)

○<sup>2</sup> ○<sup>32x</sup> WATER WELLS--Underlined symbol with number indicates the number of closely spaced wells at one location. Number with "x" is the number of wells in that section (one square mile)

⊙ OBSERVATION WELL--Water-level measurements have been made periodically\*

σ<sub>Tc</sub> SPRING--Discharge generally greater than 10 gallons per minute (tables 1 and 2); letters indicate probable geologic source of water. (See geologic formation abbreviation in tables 1 and 2.)

△<sup>12</sup> STREAMFLOW GAGING STATION--Active in 1982; number refers to station description and period of record in table 3\*

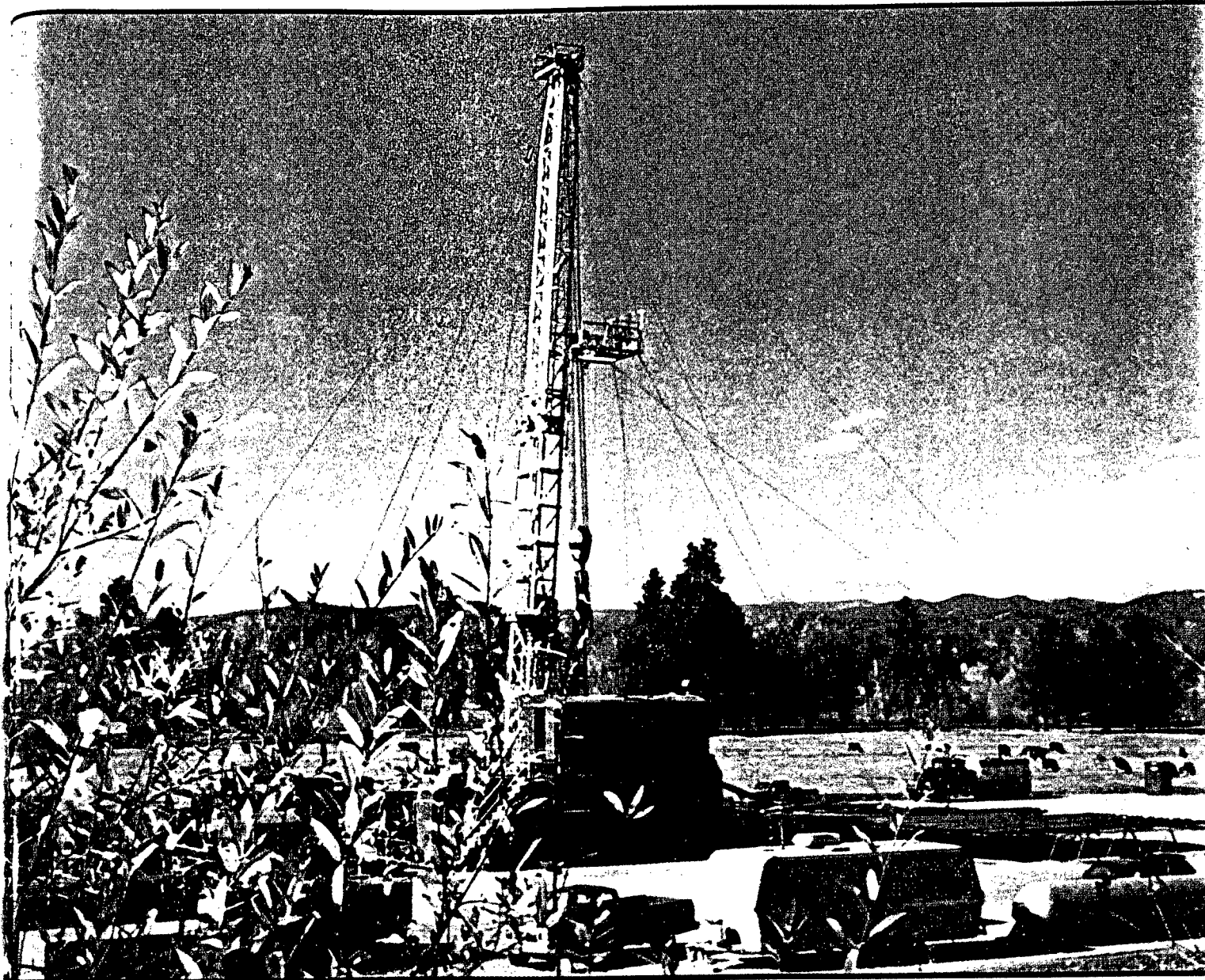
△ STREAMFLOW GAGING STATION--Discontinued prior to 1982, number refers to station description and period of record in table 3

NOTE: Solid symbols (● ▲ ●~) indicate water-quality data are available \*

\* Ground-water level and surface-water discharge measurements, and water-quality data available from Water Resources Division of U.S. Geological Survey, Albuquerque, New Mexico.

# **Solid**

*An Energy Industry Leader, with an Environmental Conscience*



## **32 Years of Dependable Service**

Solid. It means providing the kind of service our customers can count on, furnishing the equipment to do the job efficiently and supplying the right people. And for well drilling and servicing in the Four Corners area, it means counting on Aztec.

Since 1963 we've worked hard to build a solid reputation for drilling to 12,500 feet and servicing and work-over to 15,000 feet. It can mean substantial savings in time and money. That's solid. That's Aztec. Call us today.

**Utilizing 16 rigs to Serve  
Our Customers**



**Aztec Well Servicing Company**

**P.O. Box 100**

**Aztec, New Mexico 87410**

**505/334-6191**

**Serving the 4-Corners Area**

RECEIVED

NOTICE OF PUBLICATION

AUG - 7 1995

8092 ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
SFWS - NMESO

STATE OF NEW MEXICO

OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan application has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

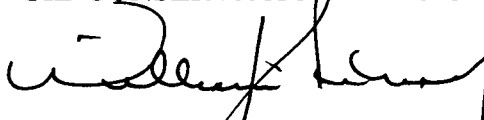
(GW-217) -Aztec Well Servicing Co., Mr. Jerry Lacy, (505)-334-6191, P.O. BOX 100, Aztec, NM, 87410 has submitted a Discharge plan application for their Aztec facility located in the SW/4 SW/4, Section 16, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 80 feet with a total dissolved solids concentration of approximately 1,125 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 1st day of August, 1995.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY, Director

SEAL

**NO EFFECT FINDING**

The described action will have no effect on listed species, wetlands, or other important wildlife resources.

Date 8/14/95

Consultation # GWCD01

Approved by 

U.S. FISH and WILDLIFE SERVICE  
NEW MEXICO ECOLOGICAL SERVICES FIELD OFFICE  
ALBUQUERQUE, NEW MEXICO



**NOTICE OF PUBLICATION**  
**STATE OF NEW MEXICO**  
**ENERGY, MINERALS AND**  
**NATURAL RESOURCES**  
**DEPARTMENT**  
**OIL CONSERVATION**  
**DIVISION**

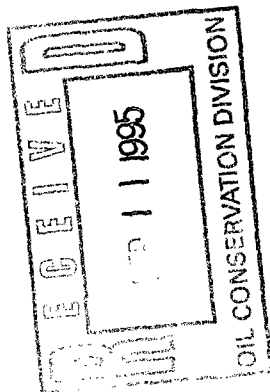
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STATE OF NEW MEXICO  
 OIL CONSERVATION DIVISION  
 s/WILLIAM J. LEMAY, Director  
 Journal: August 9, 1995.

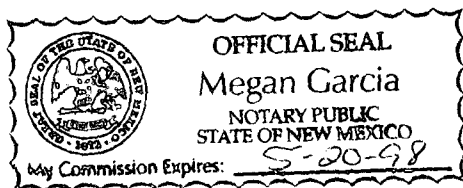


**STATE OF NEW MEXICO**  
 County of Bernalillo SS

Bill Tafoya being duly sworn declares and says that he is Classified Advertising manager of **The Albuquerque Journal**, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made of assessed as court cost; that the notice, copy of which is hereto attached, was published in said paper in the regular daily edition, for 1 times, the first publication being of the 9th day of August, 1995, and the subsequent consecutive publications on \_\_\_\_\_, 1995

Bill Tafoya  
 Sworn and subscribed to before me, a notary Public in and for the County of Bernalillo and State of New Mexico, this 9th day of, AUG 1995

PRICE \$33.01  
 Statement to come at end of month.



Megan Garcia

CLA-22-A (R-1/93) ACCOUNT NUMBER C80932

AFFIDAVIT OF PUBLICATION

No. 35129

STATE OF NEW MEXICO

County of San Juan:

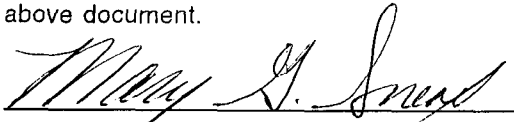
ROBERT LOVETT being duly sworn says: That he is the Classified Manager of THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication on the following day(s):

Tuesday, August 8, 1995

and the cost of publication was: \$61.02



On 8/9/95 ROBERT LOVETT appeared before me, whom I know personally to be the person who signed the above document.



My Commission Expires March 21, 1998

COPY OF PUBLICATION

**Legals**

**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, the following discharge plan application has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-217) -Aztec Well Servicing Co., Mr. Jerry Lacy, (505)-334-6191, P.O. BOX 100, Aztec, NM, 87410 has submitted a Discharge plan application for their Aztec facility located in the SW/4 SW/4, Section 16, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 80 feet with a total dissolved solids concentration of approximately 1,125 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 1st day of August, 1995.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

/s/ William J. LeMay

WILLIAM J. LEMAY, Director

SEAL

Legal No. 35129 published in The Daily Times, Farmington, New Mexico, Tuesday, August 8, 1995.

## OIL CONSERVATION DIVISION

August 4, 1995

**CERTIFIED MAIL****RETURN RECEIPT NO. Z-765-963-103**

Mr. Jerry Lacy  
 Aztec Well Servicing Co.  
 P.O. Box 100  
 Aztec, NM 87410

**RE: Discharge Plan GW-217**  
**Aztec Well Servicing Co., Aztec facility**  
**San Juan County, New Mexico**

Dear Mr. Lacy:

The NMOCD has received the proposed Aztec Well Servicing Co. discharge plan application for the facility located in SW/4 SW/4, Section 16, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico. The NMOCD has prepared and sent out the public notice for the facility as stated in WQCC section 3-108 and has performed a preliminary review of the discharge plan proposed by Aztec Well Servicing Co. signed by Mr. Jerry Lacy on July 26, 1995.

The following comments and request for additional information are based on the review of the Aztec Well Servicing Co. application. Please note that unless otherwise stated, response to all comments shall be received and reviewed by the OCD prior to approval of the discharge plan application.

Refer to the application package as submitted by Aztec Well Servicing Co. on July 26, 1995 as signed by Mr. Jerry Lacy.

I. Pursuant to WQCC section 3-114 Aztec Well Servicing Co. is subject to the \$50 (fifty dollar) filing fee and the \$1,380 (One Thousand Three Hundred and Eighty Dollar ) flat fee. The \$50 filing fee has been submitted with your application and the \$1,380 flat fee is due upon approval of your proposed discharge plan - further you may pay the flat fee in five equal payments of \$276 dollars each year over the five year length of the permit. The permit will be good for five years and at that point will have to be renewed.

II. The review that follows will site specific information from your application that needs to be clarified. Enclosed you will find several attachments which will be mentioned throughout this review. The service company guidelines that were provided to Mr. Lacy at the inspection will be referenced during this process. NOTE: Each category of the plan should use the roman numerals and headings as the guidelines do.

OFFICE OF THE SECRETARY - P. O. BOX 6429 - SANTA FE, NM 87505-6429 - (505) 827-5950  
 ADMINISTRATIVE SERVICES DIVISION - P. O. BOX 6429 - SANTA FE, NM 87505-6429 - (505) 827-5925  
 ENERGY CONSERVATION AND MANAGEMENT DIVISION - P. O. BOX 6429 - SANTA FE, NM 87505-6429 - (505) 827-5900  
 FORESTRY AND RESOURCES CONSERVATION DIVISION - P. O. BOX 1948 - SANTA FE, NM 87504-1948 - (505) 827-5830  
 MINING AND MINERALS DIVISION - P. O. BOX 6429 - SANTA FE, NM 87505-6429 - (505) 827-5970  
 OIL CONSERVATION DIVISION - P. O. BOX 6429 - SANTA FE, NM 87505-6429 - (505) 827-7131  
 PARK AND RECREATION DIVISION - P. O. BOX 1147 - SANTA FE, NM 87504-1147 - (505) 827-7465

Mr. Jerry Lacy  
August 4, 1995  
Page 2

A. ITEM III. of the guidelines - Location of Discharge.

Find the enclosed attachment No. 1 - This is a copy of a 15 minute topographic map that shows the location of GW-217.

B. ITEM VIII. of the guidelines - Description of current liquid and solid waste collection/storage/disposal procedures.

1. Use the inspection report from NMOCD dated April 24, 1995 for reference.
2. Be more specific in following the guidelines - address VIII. A,B, and C in detail.
3. Only exempt wastes can be sent to Class II disposal wells. Non-exempt non-hazardous by characteristics wastes may be sent to an NMOCD approved facility.

NOTE: Enclosed you find literature that explains exempt and non-exempt wastes in the oil patch. Aztec Well Servicing Co. is encouraged to read the information and apply it at the yard as well as on location. ( Attachment No. 2)

C. ITEM IX. of the guidelines - Proposed modifications.

1. The lined pit closure needs to be referenced in this section - see NMOCD letter dated July 21, 1995.
2. All other proposed changes submitted in the application from Aztec Well Servicing dated July 27, 1995.
3. Empty drums should be stored in one area on their side on pad/curb type containment, with the bungs in place and horizontal to the ground.

D. ITEM X. of the guidelines. Inspection, Maintenance and Reporting.

1. Attachment No. 3 is the NMOCD rule 116 and WQCC 1-203 for spill reporting - include these reporting requirements as part of the discharge plan. In the event of a spill that is reportable according to the above rules - contact the Aztec NMOCD office at 334-6178.
3. Describe how precipitation/runoff will be managed according to part X. C. of the guidelines.

E. ITEM XI. of the guidelines. Spill/Leak prevention and reporting procedures (contingency plans).

Use the guidelines to prepare a "Contingency Plan" for the facility. This is guideline section XI. A, B, and C.

Mr. Jerry Lacy  
August 4, 1995  
Page 3

F. ITEM XII. of the guidelines. Site Characteristics.

1. Attachment No. 4 gives hydrogeologic information for the site of GW-217.
2. If Aztec Well Servicing chooses the following groundwater report may be purchased from New Mexico Bureau of Mines and Mineral Resources - Phone (505)-835-5410; "Hydrogeology and water resources of San Juan Basin, New Mexico." Hydrologic Report 6, 1983.

G. ITEM XIII. of the guidelines. Other Compliance Information.

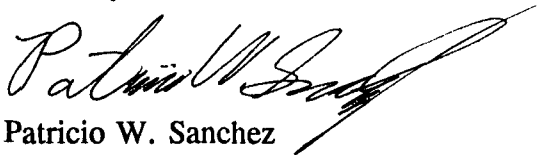
Attach the enclosures labelled XIII. A. and XIII. B. to the discharge plan.

- H. EPA notification of regulated waste activity and 40 CFR 261 are included only for information purposes.

Submittal of the requested information and commitments in a timely fashion will expedite the final review of the application and approval of the discharge plan. Submit the information in three copies - two to Santa Fe, and one copy to Aztec.

If you have any questions, please feel free to call me at (505)-827-7156.

Sincerely,



Patricio W. Sanchez  
Petroleum Engineer

xc: Mr. Denny Foust - Environmental Representative District III.



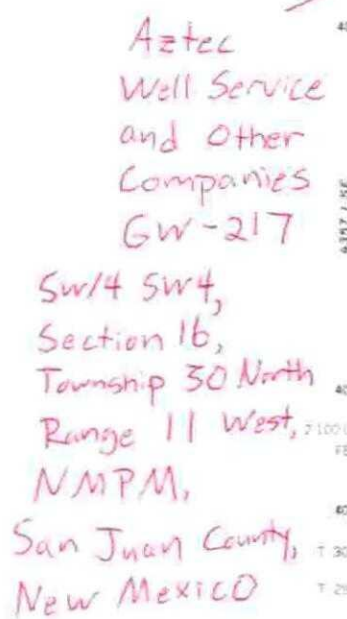




Table 1.--Records of water wells and springs in San Juan County prior to 1978 - Continued

Location	Latitude-Longitude	Number or name	Depth (feet)	Altitude (feet)	Depth to water (feet)	Producing interval (feet)	Principal water-bearing unit(s)	Specific conductance (umhos at 25°C)	Date	Logs available	Reference	Draw down (feet)	Discharge (gal/min)	Duration (hours)	Remarks
30.10.20.3	-	Hartman	-	6,190	91	-	Tn	-	-	-	c*	-	-	-	-
30.10.23.2	-	EPNG Middle #1	311	6,280	-	285-305	Tn	-	-	-	c*	-	208	-	-
30.10.23.4212	364748 1075052	EPNG Knickerbocker #1	975	6,219	-	246-266 330-484 596-680 832-946	Tn	4,370 8,330	05-29-73 06-18-75	-	c*	-	-	-	-
30.10.24.2	-	EPNG Florence #1	293	6,280	-	-	TsJ	-	-	-	c*	-	20	-	-
30.11.04.4124	365025 1075929	Judy Boston	50	5,640	35	09-26-74	Qa1	890	09-26-74	-	c*	-	-	-	-
30.11.09	-	Clyde Van Dusen	-	-	-	-	Qa1	4,320 *	07-26-54	-	c**	-	-	-	-
30.11.09	-	Peach Spring	-	-	-	-	-	-	11-25-33	-	u	-	-	-	-
30.11.10	-	A. V. Moore	32	-	-	-	Qa1	-	-	-	c*	-	-	-	-
30.11.17.2412	364850 1080026	John Govlett	-	5,622	39-55	09-10-74	Qa1	1,500	09-30-74	-	-	-	-	-	-
30.11.17.3211	364843 1080102	Cory Stocking	-	5,588	10-11	09-26-74	Qa1	910	09-26-75	-	-	-	-	-	-
30.11.19.1134	364807 1080220	Kernath McCannet	143	5,575	24.2	09-26-74	Tn	1,240	09-26-74	-	c*	-	-	-	-
30.12.04.1414	365038 1080620	Hickman	-	5,856	67.4	10-22-74	Tn	-	-	-	-	-	-	-	Windmill; abandoned.
30.12.22	-	Bill Ryan	-	-	-	-	-	-	07-11-56	-	u	-	-	-	-
30.12.22Q	-	Dorman	50	-	-	07-26-57	Tlca?	-	-	-	-	-	-	-	Well located "five miles west of Astec".
30.12.23.4343	364727 1080353	Ernest Tolly	29	5,520	11.8	09-26-74	Qa1	1,450	09-26-74	-	-	-	-	-	Well in home.
30.12.24.3221	364750 1080304	Emilio Garcia	31	5,538	14.9	09-26-74	Qa1	-	-	-	-	-	-	-	-
30.12.25.4412	364643 1080236	-	1,895	5,650	-	-	Kpc	-	-	-	-	-	-	-	Converted to H <sub>2</sub> O.
30.12.27.4221	364658 1080440	Earl Ritter	59	5,590	9.4	09-26-74	Qa1	-	-	-	-	-	-	-	SPC of nearby domestic well is 2,100 umhos.
30.12.28.4422	364648 1080538	Jesse Beau	22	5,465	7.0	09-26-74	Qa1	-	-	-	-	-	-	-	-
30.12.29.12	364722 1080722	Floyd Gordanier	200	5,640	100	02-22-59	Tlca	2,250 *	02-21-59	-	u	-	-	-	-
30.12.30.1233	364718 1080830	-	-	5,763	-	-	-	-	-	-	-	-	-	-	Converted to H <sub>2</sub> O.
30.12.31.34	364550 1080830	E. Evans Spring	-	5,430	-	-	Tlca	1,890 *	09-27-46	-	u	-	-	-	In bed of wash.
30.12.32.2331	364614 1080708	McMahon #1, dug well	20	5,410	4.8	03-09-77	Qa1	1,180	03-10-77	-	u	7.35 * 450	8.3	-	-
30.12.32.2333	364612 1080712	McMahon #2, dug well	20	5,410	5	03-09-77	Qa1	-	-	-	u	-	-	-	-

TDS = Total Dissolved Solids

TDS = specific conductance x 0.75

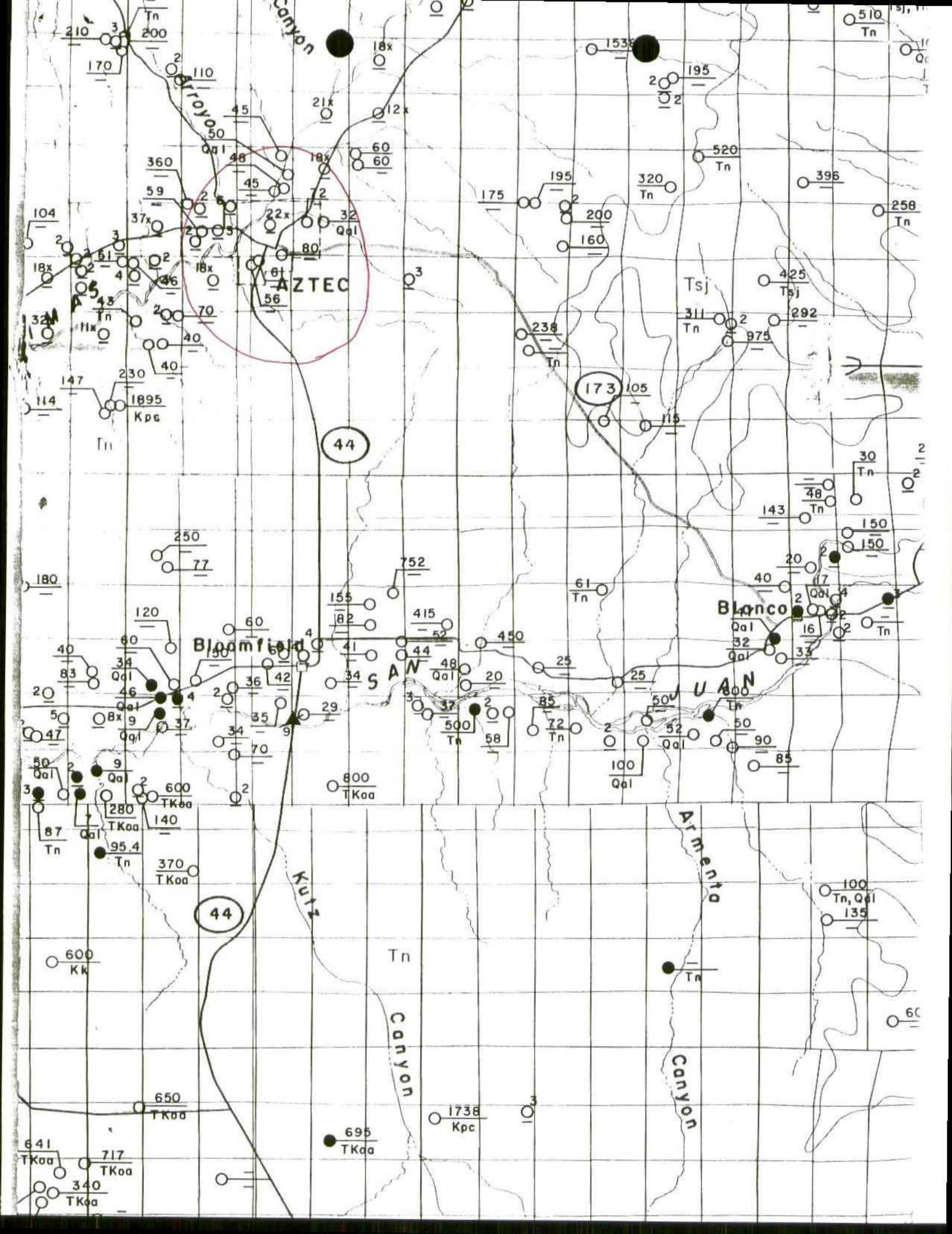
TDS = 1,500 x 0.75

TDS = 1,125 mg/l

Table 2.—Records of water wells in San Juan County, 1978-83 -- Continued

LOCATION	NAME	WELL NUMBER	USE	DEPTH PERFORATIONS AQUIFER
30.11.09.14	Suchodolski, Larry	SJ-0750	dom	26
30.11.09.232	Long, Lawrence	SJ-0364	dom	33
30.11.09.4	Padilla, Andy	SJ-0347	dom	35
30.11.09.41	Dorman, Walter	SJ-1436	dom	210
30.11.10.134	Horne, Troy V.	SJ-0348	dom	72
30.11.13.13	Charland, Richard W.	SJ-1693	dom	225
30.11.13.13	Meuir, James R.	SJ-1672	dom	180
30.11.13.133	Reynolds, Timothy	SJ-1294	dom, stk	92
30.11.16.12	Ford, James P.	SJ-0410	dom	61
30.11.16.221	Shockey, H. H.	SJ-1082	dom	80
30.11.17.1	Swaites, Howard L.	SJ-30.11.17.1	dom	20
30.11.17.11	Lambert, Richard	SJ-1528	dom	26
30.11.17.2112	Taylor, Dennis	SJ-1342	dom	26
30.11.17.22	Brown, Robert or Jan	SJ-0665	dom, stk	28
30.11.17.22	Pilling, Carl K.	SJ-0745	dom	54
30.11.17.23	Olguin, Lloyd	SJ-1057	dom	63
30.11.17.23	Stone, Thomas F.	SJ-1060	dom	58
30.11.17.23	Watson, Bud & Cathy	SJ-0166	dom	48
30.11.17.24	Webster, Charles	SJ-1200	dom, stk	50
30.11.17.31	Howard, Roy A.	SJ-0159	dom	35
30.11.17.32	Tharrington, R. B.	SJ-1296	dom	50
30.11.17.41	Cummingham, Lonnie	SJ-0234	dom	54
30.11.17.41	Hoffman, Lottie M.	SJ-0411	dom, stk	60
30.11.17.412	Elder, Eugene	SJ-0457	dom	52
30.11.17.413	Martinez, Tony J.	SJ-0650	dom	49
30.11.17.42	Minium, Emory	SJ-0136	dom	69
30.11.18.113	Easterling, Donald R	SJ-1316	dom	46
30.11.18.122	Marr, Joseph I.	SJ-1639	dom	40
30.11.18.124	Moore, Alex D.	SJ-0932	dom	32
30.11.18.13	Burns, Dale	SJ-1786	dom	35
30.11.18.13	Christensen, Steve	SJ-1401	dom, stk	44
30.11.18.13	Davin, Roy	SJ-1733	dom	29
30.11.18.13	Rodgers, John	SJ-1738	dom	33
30.11.19.21	Smith, Frank	SJ-1072	dom	100
30.11.19.21	Zenke, Norman W.	SJ-0638	dom, stk	130
30.11.19.22	Gordon, Randy	SJ-1636	dom	70





TRIASSIC

Tgc - Glen Canyon Group, undivided

T - Triassic rocks, undivided

PERMIAN

Pc - Cutler Formation

FORMATION CONTACT -- Approximately located

#### HYDROLOGIC DATA EXPLANATION

○<sup>20</sup><sub>Qal</sub> WATER WELL--Number is depth of well below land surface, in feet; letters indicate geologic source of water. (See principal water-bearing unit(s) in table 1, and aquifer in table 2.)

↓.     ○<sup>2</sup>     ○<sup>32x</sup> WATER WELLS--Underlined symbol with number indicates the number of closely spaced wells at one location. Number with "x" is the number of wells in that section (one square mile)

⊙ OBSERVATION WELL--Water-level measurements have been made periodically\*

36°  
15'     σ<sub>Tc</sub> SPRING--Discharge generally greater than 10 gallons per minute (tables 1 and 2); letters indicate probable geologic source of water. (See geologic formation abbreviation in tables 1 and 2.)

Δ<sup>12</sup> STREAMFLOW GAGING STATION--Active in 1982; number refers to station description and period of record in table 3\*

N.     ⚡ STREAMFLOW GAGING STATION--Discontinued prior to 1982, number refers to station description and period of record in table 3

NOTE: Solid symbols (● ▲ ●~) indicate water-quality data are available \*

\* Ground-water level and surface-water discharge measurements, and water-quality data available from Water Resources Division of U.S. Geological Survey, Albuquerque, New Mexico.

PRINCIPAL WATER-BEARING UNIT(S).--The abbreviations of the geologic formation(s) that contain the water-bearing units are as follows:

Quaternary:

- Qal - Alluvium
- Qc - Colluvium (landslide, talus)

Tertiary:

- Tc - Chuska Sandstone
- Tsq - San Jose Formation
- Tn - Nacimiento Formation

Tertiary-Cretaceous:

- TKoa - Ojo Alamo Sandstone
- TKi - Intrusives

Cretaceous:

- Kk - Kirtland Shale
- Kkm - Farmington Sandstone Member
- Kkf - Kirtland Shale, Fruitland Formation, undivided
- Kf - Fruitland Formation
- Kpc - Pictured Cliffs Sandstone
- Kch - Cliff House Sandstone
- Kmf - Menefee Formation
- Kpl - Point Lookout Sandstone
- Kg - Gallup Sandstone
- Kd - Dakota Sandstone

Jurassic:

- Jm - Morrison Formation
- Jmb - Brushy Basin Shale Member
- Jmw - Westwater Canyon Sandstone Member
- Jmr - Recapture Shale Member
- Jms - Salt Wash Sandstone Member
- Jb - Bluff Sandstone
- Js - Summerville Formation
- Je - Entrada Sandstone

Triassic:

- T w - Wingate Sandstone

Permian:

- Pdc - De Chelly Sandstone

Pennsylvanian:

- Penn - Pennsylvanian rocks undivided

SPECIFIC CONDUCTANCE.--Specific conductance of the water, which is a function of dissolved solids, is reported in micromhos per centimeter at 25° Celsius. An asterisk (\*) indicates that a chemical analysis of common constituents is reported in table 2 of Stone and others (1983). A double asterisk (\*\*) indicates that an analysis, which includes trace elements, is reported in table 3 of Stone and others (1983).

**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, the following discharge plan application has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

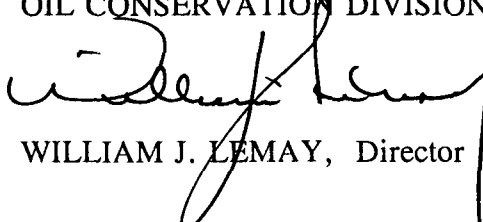
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Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 1st day of August, 1995.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY, Director

S E A L

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. 3166 dated 7/27/95  
or cash received on 7/31/95 in the amount of \$ 50.00  
from AZTEC WELL SERVICE  
for FARMINGTON SOC FACILITY GW-217

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_  
(Facility Name) (DP No.)

Submitted to ASD by: R. A. Ruler Date: 8/8/95

Received in ASD by: Angie Alire Date: 8/9/95

Filing Fee ☒ New Facility \_\_\_\_\_ Renewal \_\_\_\_\_

Modification \_\_\_\_\_ Other \_\_\_\_\_  
(specify)

Organization Code 521.07 Applicable FY 96

To be deposited in the Water Quality Management Fund.

Full Payment \_\_\_\_\_ or Annual Increment \_\_\_\_\_



AZTEC WELL SERVICING COMPANY

P. O. BOX 100 505-334-6191  
AZTEC, NM 87410-0100

3166

95-54/1022

JULY 27 19 95

PAY  
TO THE  
ORDER OF N.M.E.D. WATER QUALITY MANAGEMENT

\$ 50.00\*

AZTEC WELL-SERVICING CO 50 DOLS 00 CTS

DOLLARS

	FILING FEES		

THIS CHECK IS DELIVERED FOR PAYMENT ON THE ACCOUNTS LISTED

⑈003166⑈ ⑆102200546⑆ 010150374⑈

*Jerry Sandell*

MP

DAWN TRUCKING CO.  
FARMINGTON, N. M.

DETACH AND RETAIN THIS STATEMENT  
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW  
IF NOT CORRECT PLEASE NOTIFY US PROMPTLY. NO RECEIPT DESIRE

deluxe - form wvc-3 v-6

DATE	DESCRIPTION	AMOUNT	DISTRIBUTIONS	
			ACCT. NO.	AMOUNT
	Discharge Plan GW 218			

EMPLOYEE \_\_\_\_\_

PERIOD ENDING	EARNINGS				TOTAL EARNINGS	DEDUCTIONS					TOTAL DEDUCTIONS	NET PAY
	HOURS	RATE	AMOUNT EARNED AT REGULAR RATE	OVERTIME AND OTHER		F.I.C.A.	WITHHOLDING U.S. INC. TAX	STATE INCOME TAX	MEDICARE	401K		

PHONE 334-6191  
P.O. BOX 100



AZTEC, NEW MEXICO 87410

ON DIVISION  
RECEIVED

JERRY WAYNE SANDEL  
PRESIDENT

AUG 8 52

July 27, 1995

**RECEIVED**

**AUG 1 1995**

Environmental Bureau  
Oil Conservation Division

State of New Mexico  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505

ATTN: Patricio W. Sanchez  
Petroleum Engineer

GW 217

Dear Mr. Sanchez:

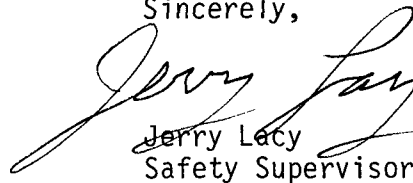
Enclosed is a copy of Aztec Well Servicing Company Inc.'s Discharge Plan. This plan also includes the Triple S Trucking yard and the Totah Rental & Equipment yard.

Also enclosed is a \$50.00 filing fee. We understand that when our discharge plan is approved a flat rate fee of \$1,380.00 will be due.

If you need to contact us, please give us a call at (505) 334-6191.

Thank you and your office for your assistance in preparation of this plan.

Sincerely,



Jerry Lacy  
Safety Supervisor

JL/lid

enclosure

**District I** - (505) 393-6161  
P. O. Box 1940  
Hobbs, NM 88241-1980  
**District II** - (505) 748-1283  
811 S. First  
Artesia, NM 88211-0719  
**District III** - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
**District IV** - (505) 827-7131

**State of New Mexico**  
Energy Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Revised 4/18/95

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

**DISCHARGE PLAN APPLICATION FOR OILFIELD SERVICE FACILITIES**

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

☒ New

☐ Renewal

☐ Modification

1. Type: OIL & GAS DRILLING WELL SERVICING - TRUCKING - WATER HAULING
2. Operator: AZTEC WELL SERVICING CO., INC.  
Address: 900 SOUTH MAIN STREET, AZTEC, NEW MEXICO 87410  
Contact Person: JERRY LACY, SAFETY SUPERVISOR Phone: (505) 334-6191
3. Location: SW /4 SW /4 Section 16 Township 30N Range 11W  
Submit large scale topographic map showing exact location.
4. Attach the name 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 evidence demonstrating that disposal of oil field wastes will not adversely impact fresh water. Depth to and quality of ground water must be included.
13. Attach such 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: JERRY LACY

Title: SAFETY SUPERVISOR

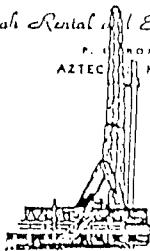
Signature: 

Date: JULY 26, 1995



Total Rental & Equipment Co., Inc.

P. O. BOX 478  
AZTEC, N. M. 87410



AZTEC WELL SERVICING CO., INC.

DISCHARGE PLAN

TRIPLE S TRUCKING CO.  
POST OFFICE BOX 100  
AZTEC, NEW MEXICO 87410



I. Type of Operation - Main office & field office for:

A. Aztec Well Servicing Co., Inc.

Operations - Maintenance and Servicing of:

1. Drilling Rigs
2. Completion Units
3. Company Pick-up Trucks
4. Auxiliary Equipment

B. Triple S Trucking Co.

Operations - Maintenance and Servicing of:

1. Water Trucks
2. Rig-up Trucks
3. Company Pick-up Trucks
4. Frac Tanks

C. Total Rental & Equipment

1. Sales of oil field supplies
2. Maintenance of well control equipment

II. Name of Operator

Aztec Well Servicing Co., Inc.  
Jerry Sandel, President  
P.O. Box 100  
Aztec, New Mexico 87410  
(505) 334-6191

III. Location of Discharge

SW 1/4 Sec. 16 T30 R11W  
San Juan County, New Mexico

IV. Landowners

Aztec Well Servicing Co., Inc.  
P.O. Box 100  
Aztec, New Mexico 87410

V. Facility Description

(Enclosed)

VI. Materials Stored or Used At the Facility

(See Attachments)

VII. (Not Used)

VIII. Description of Current Liquid and Solid Waste  
Collection/Storage/Disposal Procedures:

(See Attachments)



MATERIALS USED AT FACILITY:

- |                            |                                |
|----------------------------|--------------------------------|
| 1. <u>OXYGEN</u>           | 9. <u>DIESEL (IN VEHICLES)</u> |
| 2. <u>ACTEYLENE</u>        | 10. <u>PAINT</u>               |
| 3. <u>CLEANING SOLVENT</u> | 11. <u>PAINT THINNER</u>       |
| 4. <u>PROPANE</u>          | 12. <u>OIL FILTERS</u>         |
| 5. <u>MOTOR OIL</u>        | 13. _____                      |
| 6. <u>ANTIFREEZE</u>       | 14. _____                      |
| 7. <u>METHANOL</u>         | 15. _____                      |
| 8. <u>BATTERIES</u>        | 16. _____                      |

MATERIALS STORED AT FACILITY:

- |                            |                          |
|----------------------------|--------------------------|
| 1. <u>CLEANING SOLVENT</u> | 9. <u>OIL FILTERS</u>    |
| 2. <u>PROPANE</u>          | 10. <u>PAINT</u>         |
| 3. <u>USED OIL</u>         | 11. <u>PAINT THINNER</u> |
| 4. <u>MOTOR OIL</u>        | 12. _____                |
| 5. <u>ANTIFREEZE</u>       | 13. _____                |
| 6. <u>METHANOL</u>         | 14. _____                |
| 7. <u>BATTERIES</u>        | 15. _____                |
| 8. _____                   | 16. _____                |

SOURCES OF EFFLUENT (AND AVE. AMOUNT): (PER MONTH)

- |  |          |
|--|----------|
| 1. <u>WASH WATER</u> <u>160</u> GAL      | 4. _____ |
| 2. <u>USED OIL</u> <u>600</u> GAL        | 5. _____ |
| 3. <u>CLEANING SOLVENT</u> <u>20</u> GAL | 6. _____ |

(ALL CONTAINED)

SOURCES OF SOLID WASTE (AND AVE. AMOUNT): (PER MONTH)

- |                                 |          |
|---------------------------------|----------|
| 1. <u>BATTERIES</u> <u>10</u>   | 4. _____ |
| 2. <u>OIL FILTERS</u> <u>50</u> | 5. _____ |
| 3. _____                        | 6. _____ |



PROPOSED MODIFICATIONS OF COLLECTION/TREATMENT/DISPOSAL SYSTEMS:

1. WILL RECORD DATES OF PICK UP OF USED BATTERIES AND NUMBER  
(THIS IS DONE AT TOTAH)  
\_\_\_\_\_.
2. WILL BEGIN ANNUAL INSPECTION OF WASH WATER CATCH  
BASINS  
\_\_\_\_\_.
3. BERM WILL BE CONSTRUCTED AROUND WASTE OIL TANK  
\_\_\_\_\_  
\_\_\_\_\_.
4. CONTAINMENT EDGE WILL BE CONSTRUCTED ON OIL BARREL DOCK  
TO CONTAIN ANY LEAKS  
\_\_\_\_\_.
5. OLD USED OIL BARRELS & CANS WILL BE PROPERLY DISPOSED OF.
6. PAINT CANS WILL BE PROPERLY DISPOSED OF (EMPTY WITH LIDS  
OFF)  
\_\_\_\_\_.

METHODS OF REPORTING AND CLEAN-UP OF SPILLS OR RELEASES:

1. IF SPILL OR RELEASE IS WATER IT IS VACUUMED UP BY A WATER  
TRUCK AND HAULED TO DISPOSAL SITE.  
DATE AND AMOUNT RECORDED ON TRUCK TICKET.  
\_\_\_\_\_.
2. IF OIL, IT IS VACUUMED AND PUT IN USED OIL BIN AND LATER  
PICKED UP BY D & D OIL  
\_\_\_\_\_.
3. SMALL LEAKS ON GROUND RAKED TO ALLOW AIR TO BREAKDOWN  
\_\_\_\_\_  
\_\_\_\_\_.
4. \_\_\_\_\_  
\_\_\_\_\_.

GEOLOGICAL/HYDROLOGICAL EVIDENCE:

LOCATION OF FRESH WATER CLOSEST FRESH WATER IRRIGATION  
DITCH 1000+ FT. FROM AZTEC WELL SERVICE PROPERTY (TO THE  
NORTHWEST)  
\_\_\_\_\_.

LOCATION OF GROUND WATER UPWARD OF -90 FT. (VARIES IN  
DEPTH) ALKALI WATER  
\_\_\_\_\_.

OTHER FORMS NONE  
\_\_\_\_\_.



MATERIALS USED AT FACILITY:

- |                                |                    |
|--------------------------------|--------------------|
| 1. <u>OXYGEN</u>               | 9. <u>METHANOL</u> |
| 2. <u>ACTEYLENE</u>            | 10. _____          |
| 3. <u>CLEANING SOLVENT</u>     | 11. _____          |
| 4. <u>MOTOR OIL</u>            | 12. _____          |
| 5. <u>ANTIFREEZE</u>           | 13. _____          |
| 6. <u>BATTERIES</u>            | 14. _____          |
| 7. <u>DIESEL (IN VEHICLES)</u> | 15. _____          |
| 8. <u>OIL FILTERS</u>          | 16. _____          |

MATERIALS STORED AT FACILITY:

- |                                   |           |
|-----------------------------------|-----------|
| 1. <u>CLEANING SOLVENT</u>        | 9. _____  |
| 2. <u>MOTOR OIL</u>               | 10. _____ |
| 3. <u>ANTIFREEZE</u>              | 11. _____ |
| 4. <u>USED OIL TANK</u>           | 12. _____ |
| 5. <u>METHANOL</u>                | 13. _____ |
| 6. <u>DIESEL (IN TRUCK TANKS)</u> | 14. _____ |
| 7. _____                          | 15. _____ |
| 8. _____                          | 16. _____ |

SOURCES OF EFFLUENT (AND AVE. AMOUNT): (PER MONTH)

- |                         |                |          |
|-------------------------|----------------|----------|
| 1. <u>WASH WATER</u>    | <u>200</u> BAR | 4. _____ |
| 2. <u>USED OIL</u>      | <u>800</u> GAL | 5. _____ |
| 3. <u>CLEANING SOL.</u> | <u>20</u> GAL  | 6. _____ |
| (ALL CONTAINED)         |                |          |

SOURCES OF SOLID WASTE (AND AVE. AMOUNT): (PER MONTH)

- |                       |           |          |
|-----------------------|-----------|----------|
| 1. <u>BATTERIES</u>   | <u>10</u> | 4. _____ |
| 2. <u>OIL FILTERS</u> | <u>35</u> | 5. _____ |
| 3. _____              | _____     | 6. _____ |



PROPOSED MODIFICATIONS OF COLLECTION/TREATMENT/DISPOSAL  
SYSTEMS:

1. ALL NEW BATTERIES STORED AT TOTAH RENTAL & EQUIPMENT  
\_\_\_\_\_  
\_\_\_\_\_.
2. ALL USED BATTERIES RETURNED TO TOTAH FOR PICK UP  
\_\_\_\_\_  
\_\_\_\_\_.
3. BERM TO BE CONSTRUCTED AROUND USED OIL BIN  
\_\_\_\_\_  
\_\_\_\_\_.
4. WILL MAKE EFFORT TO REGULARLY DISPOSE OF EMPTY BARRELS  
AND CANS.  
\_\_\_\_\_.
5. WILL RAKE AREAS OF SMALL SPILL TO SPEED UP CLEAN UP  
\_\_\_\_\_.

METHODS OF REPORTING AND CLEAN-UP OF SPILLS OR RELEASES:

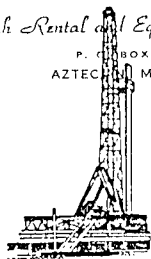
1. REPORT MAJOR SPILLS TO SUPERVISORS  
\_\_\_\_\_.
2. WATER SPILL VACUUMED UP AND HAULED TO DISPOSAL SITE.  
TRACKED BY TRUCKING TICKET.  
\_\_\_\_\_.
3. IF OIL, IT IS VACUUMED UP AND PUT IN WASTE OIL BIN  
AND LATER PICKED UP BY D & D OIL.  
\_\_\_\_\_.
4. SMALL LEAKS ON GROUND RAKED TO ALLOW AIR TO BREAKDOWN  
\_\_\_\_\_.

GEOLOGICAL/HYDROLOGICAL EVIDENCE:

LOCATION OF FRESH WATER CLOSEST FRESH WATER IS IN  
IRRIGATION DITCH 1000+ FT. FROM AZTEC WELL SERVICE PROPERTY  
\_\_\_\_\_.

LOCATION OF GROUND WATER UPWARD OF -90 FT. (VARIES)  
ALKALI WATER  
\_\_\_\_\_.

OTHER FORMS NONE  
\_\_\_\_\_.

MATERIALS USED AT FACILITY:

- |                           |           |
|---------------------------|-----------|
| 1. <u>10 WT. HYD. OIL</u> | 9. _____  |
| 2. <u>PAINT</u>           | 10. _____ |
| 3. <u>AEROSOL PAINT</u>   | 11. _____ |
| 4. <u>THINNER #1</u>      | 12. _____ |
| 5. <u>TUBE GREASE</u>     | 13. _____ |
| 6. _____                  | 14. _____ |
| 7. _____                  | 15. _____ |
| 8. _____                  | 16. _____ |

MATERIALS STORED AT FACILITY:

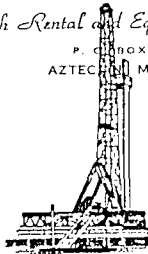
- |                             |                               |
|-----------------------------|-------------------------------|
| 1. <u>PAINT</u>             | 9. <u>BATTERIES</u>           |
| 2. <u>THINNER</u>           | 10. <u>AEROSOL PAINT</u>      |
| 3. <u>PIPE DOPE</u>         | 11. <u>STARTING FLUID</u>     |
| 4. <u>DRILL COLLAR DOPE</u> | 12. <u>GUNK DEGREASER</u>     |
| 5. <u>OXYGEN</u>            | 13. <u>10 WT. HYD. OIL</u>    |
| 6. <u>ACTEYLENE</u>         | 14. <u>FIRE EXTINGUISHERS</u> |
| 7. _____                    | 15. _____                     |
| 8. _____                    | 16. _____                     |

SOURCES OF EFFLUENT (AND AVE. AMOUNT):

- |                |            |          |
|----------------|------------|----------|
| 1. <u>NONE</u> | <u>N/A</u> | 4. _____ |
| 2. _____       | _____      | 5. _____ |
| 3. _____       | _____      | 6. _____ |

SOURCES OF SOLID WASTE (AND AVE. AMOUNT): (PER MONTH)

- |                     |           |          |
|---------------------|-----------|----------|
| 1. <u>BATTERIES</u> | <u>20</u> | 4. _____ |
| 2. _____            | _____     | 5. _____ |
| 3. _____            | _____     | 6. _____ |

PROPOSED MODIFICATIONS OF COLLECTION/TREATMENT/DISPOSAL  
SYSTEMS:

1. WHEN BATTERIES ARE PICKED UP, WILL RECORD NUMBER AND DATE

(PICKED UP BY INTERSTATE BATTERIES)

2.

3.

4.

METHODS OF REPORTING AND CLEAN-UP OF SPILLS OR RELEASES:

1. ALL SPILLS REPORTED TO SUPERVISOR

2. SMALL SPILLS (OIL) RAKED TO ALLOW AIR TO BREAKDOWN

3.

4.

GEOLOGICAL/HYDROLOGICAL EVIDENCE:

LOCATION OF FRESH WATER CLOSEST FRESH WATER IS IN

IRRIGATION DITCH 1000+ FT. FROM AZTEC WELL SERVICE

PROPERTY

LOCATION OF GROUND WATER UPWARD OF -90 FT. - ALKALI WATER

(VARIES IN DEPTH)

OTHER FORMS NONE



FRAC TANKS  
AND BLOW TANK (EMPTY)



ABANDONED  
LINED PIT

TRIPLE 5  
TRUCKING

STORAGE

TRUCK  
HAYS  
OFC.

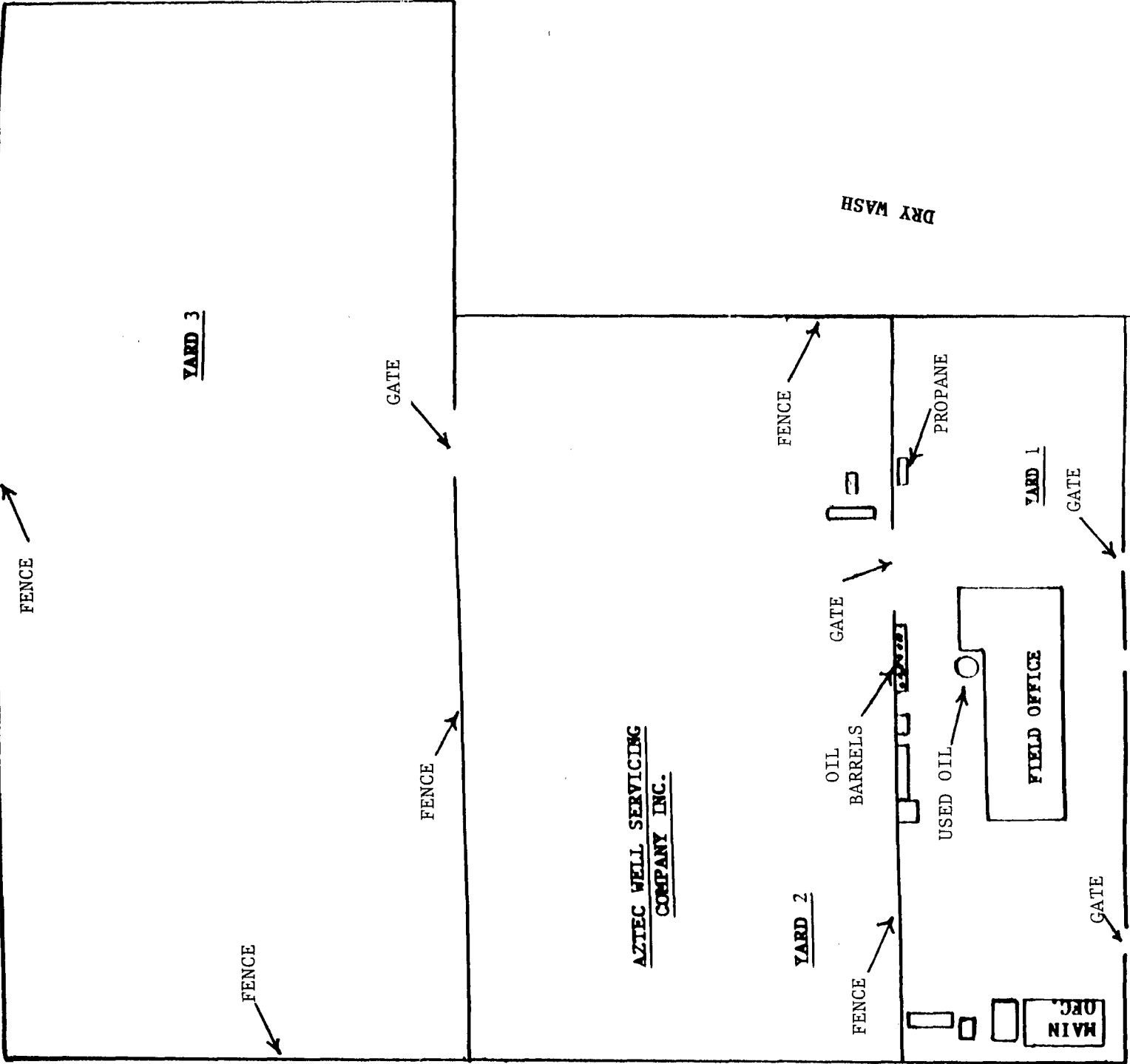
STORE  
OXYGEN  
ACETYLENE

TOTAL RENTAL AND  
EQUIPMENT

FENCE

FENCE

GATE





## NEW MEXICO OIL CONSERVATION DIVISION

July 21, 1995

**CERTIFIED MAIL****RETURN RECEIPT NO. Z-765-962-723**

Mr. Jerry Sandel  
 Triple S Trucking Co.  
 P.O. Box 100  
 Aztec, New Mexico 87410

Re: Surface Impoundment Closure  
 Triple S Trucking Co.  
 San Juan County, New Mexico

Dear Mr. Sandel:

The Oil Conservation Division (OCD) has completed a review of Triple S Trucking Co. July 11, 1995 "CLOSURE PLAN" to formally close the lined surface impoundment present at the above referenced facility. Based upon the information provided, the closure plan is hereby approved with the following conditions:

1. Soil samples for verification of completion of remedial activities will be analyzed for benzene, toluene, ethylbenzene, xylene and total petroleum hydrocarbons in accordance with the OCD's enclosed "SURFACE IMPOUNDMENT CLOSURE GUIDELINES". Once the liner has been removed notify the Aztec District office at 334-6178 so that sampling locations can be determined.
2. Triple S Trucking Co. will notify the Environmental Bureau Chief of the Santa Fe Office and the OCD Aztec District within 24 hours of the discovery of groundwater contamination related to pit closure activities.
3. Upon completion of all closure activities, Triple S Trucking Co. will submit to the OCD for approval a completed "Pit Remediation and Closure Report" form (attached) which will contain the final results of all pit closure and soil remediation activities. To simplify the approval process for both Triple S and the OCD, the OCD requests that Triple S submit final pit closure reports only upon completion of all closure activities.
4. All blended soils removed from the lined pit will be utilized in the manner described in the Triple S request letter dated July 11, 1995 at the facility for construction purposes. The landspreading is approved according to the following conditions:

Mr. Jerry Sandel  
July 21, 1995  
Page 2

- a. No free liquids will be dumped, drained or spread on the designated landspreading area.
  - b. The designated landspreading area will be bermed and maintained to prevent runoff.
  - c. Soils may be spread in six (6) inch lifts or less
  - d. The landspreading operation is approved only for the soils and wastes associated with the closure of the lined pit.
5. The OCD will be notified of any break, spill, or any circumstance that could constitute a hazard or has potential to result in contamination in accordance with OCD rule 116 and WQCC section 1-203.
  6. Triple S will notify the OCD of any activities related to the closure of the pit 48 hours in advance to allow the OCD to witness any and/or all activities.

Please be advised that OCD approval does not relieve Triple S Trucking Co. of liability should closure activities determine that contamination exists which is beyond the scope of the work plan or if the work fails to fully delineate the extent of contamination related to Triple S Trucking Co. activities. In addition, OCD approval does not relieve Triple S Trucking Co. of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please do not hesitate to call me at (505) 827-7152.

Sincerely,



Roger C. Anderson  
Environmental Bureau Chief

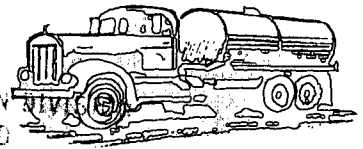
RCA/pws

xc: Denny Foust

TRIPLE S TRUCKING CO.

POST OFFICE BOX 100  
AZTEC, NEW MEXICO 87410  
TELEPHONE (505) 334-6193

OIL CONSERVATION DIVISION  
RECEIVED



JERRY SANDEL

'95 JU 14 AM 8 52

July 11, 1995

Energy, Minerals and Natural Resources Dept.  
Oil Conservation Division  
2040 S. Pacheco Street  
Santa Fe, New Mexico 87505

ATTN: Mr. Roger Anderson

Dear Mr. Anderson:

We are enclosing a copy of the soil sample report taken from our yard lined pit. The pit was used as a clean-out wash pit for our truck tanks and contained produced water with a skim of crude oil.

We would like to request permission to close the pit in the following manner:

1. The free standing liquid has evaporated and soaked into the dirt of the lined pit.
2. We are in the process of expanding our yard and we have new loose, powdery type dirt covering about an acre.
3. We would request to remove the dirt from the lined pit and mix it with the new dirt and spread it on our yard during the new construction.
4. This would allow us to close the existing pit on our property.
5. There is not any shallow ground water in the vicinity of our yard.

After your review, we would appreciate your response.

Sincerely,

A handwritten signature in cursive script that reads "Jerry Sandel". Below the signature, the name "Jerry Sandel" and the title "President" are printed in a standard font.  
Jerry Sandel  
President

JS/ld

RECEIVED  
JUL 14 1995  
Environmental Bureau  
Oil Conservation Division



OFF: (505) 325-8786

LAB: (505) 325-5667

**AROMATIC VOLATILE ORGANICS**

Attn: *Mitch Waggoner*  
Company: *Triple S Trucking*  
Address: *P.O. Box 100*  
City, State: *Aztac, NM 87410*

Date: *7/10/95*  
COC No.: *3136*  
Sample No. *7199*  
Job No. *2-1000*

Project Name: *Triple S Trucking Backyard*  
Project Location: *Composite*  
Sampled by: *MW*  
Analyzed by: *DC*  
Type of Sample: *Solid*

Date: *7/8/95* Time: *7:30*  
Date: *7/10/95*

**Aromatic Volatile Organics**

<i>Component</i>	<i>Measured Concentration ug/kg</i>	<i>Detection Limit Concentration ug/kg</i>
<i>Benzene</i>	<i>7309.6</i>	<i>0.2</i>
<i>Toluene</i>	<i>74864.9</i>	<i>0.2</i>
<i>Ethylbenzene</i>	<i>15801.9</i>	<i>0.2</i>
<i>m,p-Xylene</i>	<i>139629.5</i>	<i>0.2</i>
<i>o-Xylene</i>	<i>34593.4</i>	<i>0.2</i>
<i>TOTAL 272199.2 ug/kg</i>		

*ND - Not Detectable***Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography**

Approved by: *JaL*  
Date: *7/10/95*

P. O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -



OFF: (505) 325-8786

LAB: (505) 325-5667

### QUALITY ASSURANCE REPORT for EPA Method 8020

Date Analyzed: 7/10/95

Internal QC No.: 0419-STD

Surrogate QC No.: 0420-STD

Reference Standard QC No.: 0355-STD

#### Method Blank

Analytes in Blank	Amount
Average Amount of All Analytes in Blank	<0.1 ppb

#### Calibration Check

Calibration Standards	Units of Measure	*True Value	Analyzed Value	% Diff	Limit
Benzene	ppb	20	19	4	15%
Toluene	ppb	20	19	6	15%
Ethylbenzene	ppb	20	18	8	15%
m,p-Xylene	ppb	40	38	5	15%
o-Xylene	ppb	20	18	10	15%

#### Spike Results

Analyte	1 - Percent Recovered	2 - Percent Recovered	Limit	%RSD	Limit
Benzene	124	121	(39-150)	2	20%
Toluene	121	117	(46-148)	2	20%
Ethylbenzene	118	114	(32-160)	2	20%
m,p-Xylene	123	118	(35-145)	3	20%
o-Xylene	113	109	(35-145)	2	20%

#### Surrogate Recoveries

Laboratory Identification	S1 Percent Recovered	S2 Percent Recovered	S3 Percent Recovered
Limits	(70-130)		
7199-3136	96		

S1: Fluorobenzene



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

April 24, 1995

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. Z-765-962-663**

Mr. Jerry W. Lacy  
AZTEC WELL SERVICING CO.  
P.O. BOX 100  
Aztec, NM 87410

**RE: Discharge Plan Requirement Inspection**  
**Aztec Facility**  
**San Juan County, New Mexico**

Dear Mr. Lacy:

Outlined below are the observations and findings made by the NMOCD team that recently inspected the Aztec Well Serving Co. and its related companies SSS Trucking and Totah Tool Rental facilities located on HWY 44 at the Southern Aztec, NM city limits.

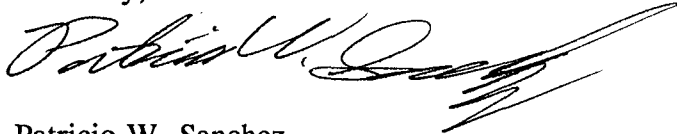
1. All three companies can be covered by a single discharge plan under Aztec Well Servicing Co.
2. All existing sumps at these facilities need to be cleaned and inspected on at least a yearly basis and documented by Aztec Well Servicing Co.
3. Be careful with solvents - and continue recycling process.
4. Label all containers as called for - example "USED OIL" storage tank.
5. Address housekeeping needs - remediate small oil spills onsite.
6. Empty 5 gallon buckets need to be disposed of or utilized in some manner.
7. Pits - A closure plan for the unlined pit will need to be submitted to NMOCD.
8. Lined pit - to be addressed with the help of NMOCD.
9. Identify all waste streams and minimize - example sorbent material.
10. Do not allow hazardous waste to be commingled with waste water that is taken to Basin Disposal.

Mr. Jerry W. Lacy  
April 24, 1995  
Page 2

11. Any new sumps that are installed will require secondary containment and leak detection.
12. All empty drums need to be stored on their side with the bungs in place and horizontal to the ground.
13. All full drums shall be labelled and stored on some sort of secondary containment.
14. All future construction on the site(s) in question shall be done with the discharge plan guidelines in consideration.
15. Enclosed please find the attachment.

If you have any questions or need further assistance please call me at (505)-827-7156.

Sincerely,

A handwritten signature in black ink, appearing to read "Patricio W. Sanchez", with a stylized flourish extending from the end.

Patricio W. Sanchez  
Petroleum Engineer

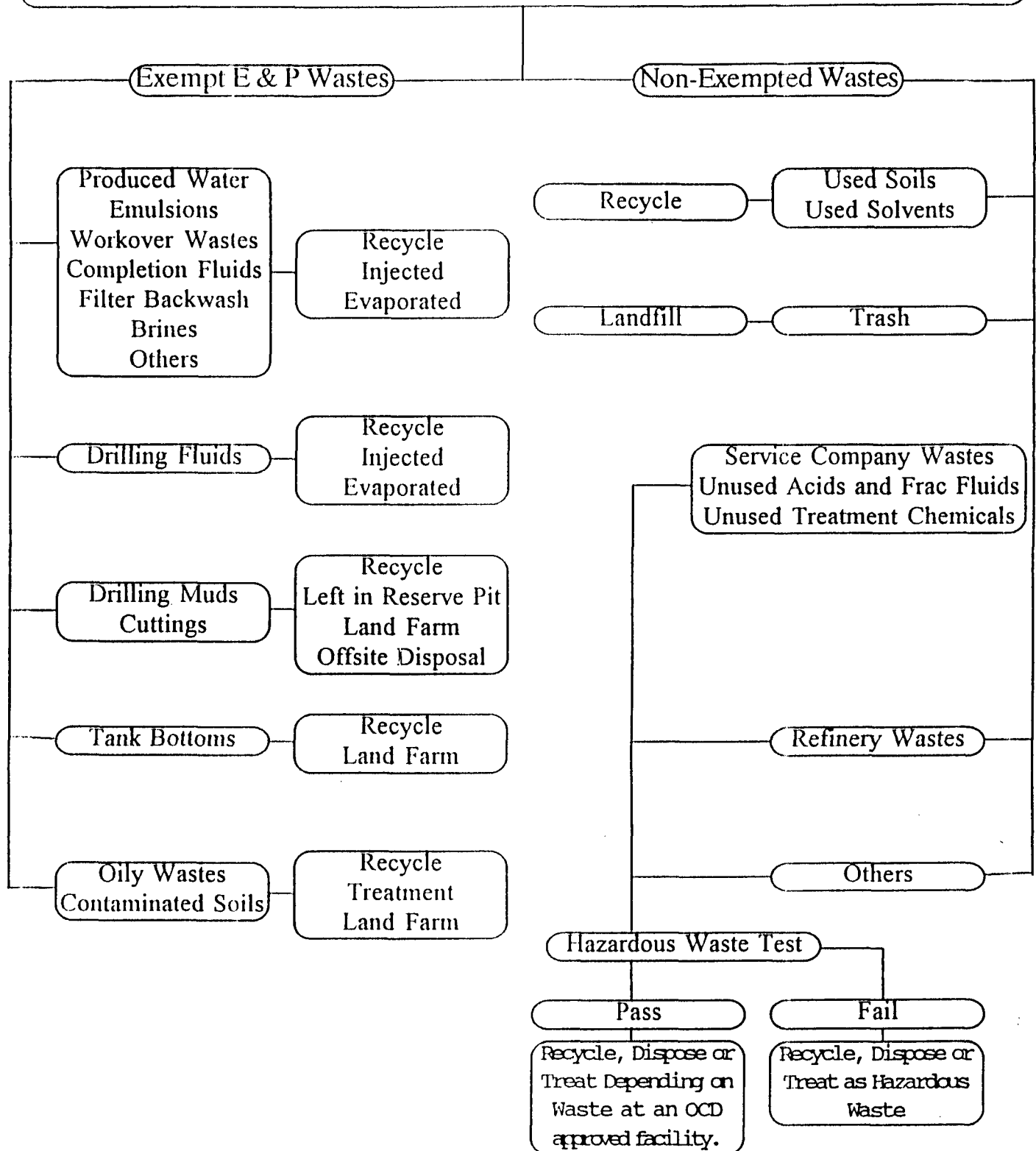
XC Denny Foust

# ● New Mexico ●

## OIL FIELD WASTES

### CATEGORIES AND DISPOSAL METHODS

#### OIL AND GAS EXPLORATION AND PRODUCTION WASTES



*Please contact the Oil Conservation Division concerning any waste or disposal methods not listed.*





STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

April 21, 1995

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. Z-765-962-656**

Mr. Jerry W. Lacy  
AZTEC WELL SERVICING CO.  
P.O. BOX 100  
Aztec, NM 87410

**RE: Discharge Plan Requirement**  
**Aztec Facility**  
**San Juan County, New Mexico**

Dear Mr. Lacy:

Under the provision of the Water Quality Control Commission (WQCC) Regulations, AZTEC WELL SERVICING CO. is hereby notified that the filing of a discharge plan is required for the AZTEC WELL SERVICING CO. facilities located at the Aztec city limits on Highway 44 in Aztec, New Mexico.

The discharge plan is required pursuant to Section 3-104 and 3-106 of the WQCC regulations. The discharge plan, defined in Section 1.101.Q of the WQCC regulations should cover all discharges of effluent or leachate at the facility site or adjacent to the facility site. Included in the plan should be plans for controlling spills and accidental discharges at the facility, including detection of leaks in buried underground tanks and/or piping.

Pursuant to Section 3-106.A, a discharge plan should be submitted for approval to the OCD Director within 120 days of receipt of this letter. Three copies of the discharge plan should be submitted.

Mr. Jerry W. Lacy  
April 21, 1995  
Page 2

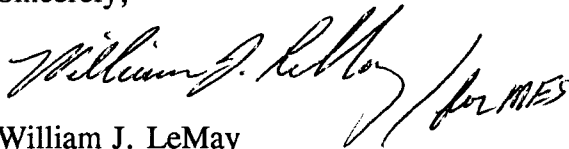
A copy of the regulations and guidelines have been provided to AZTEC WELL SERVICING CO. at a recent field inspection by OCD staff. Enclosed AZTEC WELL SERVING CO. will find an application form to be used with the guidelines for the preparation of discharge plans at oil & gas service companies. The guideline addresses berming of tanks, curbing and paving of process areas susceptible to leaks or spills and the disposition of any solid wastes.

The discharge plan 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 the flat rate of one thousand, three hundred and eighty (\$1380) dollars for oil & gas service companies. The fifty (50) dollar filing fee is due when the discharge plan is submitted. The flat rate fee is due upon approval of the discharge plan.

Please make all checks payable to: **NMED Water Quality Management** and addressed to the OCD Santa Fe office.

If there are any questions on this matter, please feel free to contact Patricio Sanchez at 827-7156 or Roger Anderson at 827-7152.

Sincerely,

A handwritten signature in cursive script, appearing to read "William J. LeMay". To the right of the signature, there is a handwritten note "for MFS".

William J. LeMay  
Director

WJL/pws

XC: OCD Aztec Office