GW - 155

PERMITS, RENEWALS, & MODS Application

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No.: _____ dated 10/13/08

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

from Williams Four Corners LLC

for GW-155

Submitted by: Lawrence Romero Date: 10/22/08

Submitted to ASD by: Lawrence Romero Date: 10/22/08

Received in ASD by: _____ Date: _____

Filing Fee _____ New Facility _____ Renewal _____

Modification _____ Other _____

Organization Code 521.07 Applicable FY 2004

To be deposited in the Water Quality Management Fund.

Full Payment ✓ or Annual Increment _____

ATTACHMENT- DISCHARGE PERMIT APPROVAL CONDITIONS

1. **Payment of Discharge Plan Fees:** All discharge permits are subject to WQCC Regulations. Every billable facility that submits a discharge permit application will be assessed a filing fee of $100.00, plus a flat fee (*see* WQCC Regulation 20.6.2.3114 NMAC). The Oil Conservation Division ("OCD") has received the required $100.00 filing fee. The flat fee for a compressor station with a horsepower greater than 1001 hp is $1700.00. Please submit this amount along with the signed permit. Checks should be made out to the New Mexico Water Quality Management Fund.

2. **Permit Expiration, Renewal Conditions and Penalties:** Pursuant to WQCC Regulation 20.6.2.3109.H.4 NMAC, this permit is valid for a period of five years. **The permit will expire on December, 13, 2013** and an application for renewal should be submitted no later than 120 days before that expiration date. Pursuant to WQCC Regulation 20.6.2.3106.F NMAC, if a discharger submits a discharge permit renewal application at least 120 days before the discharge permit expires and is in compliance with the approved permit, then the existing discharge permit will not expire until the application for renewal has been approved or disapproved. ***Expired permits are a violation of the Water Quality Act {Chapter 74, Article 6, NMSA 1978} and civil penalties may be assessed accordingly.***

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

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

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

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

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

A. OCD 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.

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

15. Spill Reporting: The owner/operator shall report all unauthorized discharges, spills, leaks and releases and conduct corrective action pursuant to WQCC Regulation 20.6.2.1203 NMAC and OCD Rule 116 (19.15.3.116 NMAC). The owner/operator shall notify both the OCD District Office and the Santa Fe Office within 24 hours and file a written report within 15 days.

16. OCD Inspections: The OCD performed an inspection of this facility on July 30th, 2008. David Bays and Brandon Powell were in attendance. All photographs referenced below are referenced in the attachment of this permit. The inspection concluded the following

1. **Photo 1** – All sumps need to be inspected and tested annually if they do not have a secondary containment. The OCD has no records of sump testing at this facility.
2. **Photo 2** – Does this BGT have secondary containment leak detection? Please provide details of BGT.
3. **Photo 3** – Williams Four Corners needs to maintain their landfarms accordingly and not to accept waste from other stations, doing so is violation of the permit. This only serves as a reminder and is not insinuated at this facility.
4. **Photo 5 & 6** - A secondary containment appears to have a crack and once held fluids that have discharged on to the ground. Williams Four Corners shall clean up this staining and prevent any more unnecessary discharges on to the ground.
5. **Photo 6** – BGT with a leak detection system was noted by operating personal as to never being checked. Williams Four Corners shall ensure that all individuals involved within this facility to be aware of the permits requirements. Williams Four Corners shall present the permit conditions to all individuals. All leak detection systems need to be inspected and if found to have fluids to be addressed in a timely matter. A leak detection is not meant to hold fluids indefinitely.
6. **Photo 7** – AST belongs to ConocoPhillips but is still permitted via this discharge plan permit. The AST shall be re-engineered to have a non permeable underlining. The current status is in violation of the discharge permit conditions.
7. **Photo 8** – A stained un-used secondary containment appears to receive liquids, assumed rain water and discharges on to the ground. Williams Four Corners shall prevent this from reoccurring.

Williams Four Corners has **60 days**, by **November 29, 2008**, from this permit date to address all these concerns.

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

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

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

Williams Four Corners, LLC
Company Name-print name above

David Bays
Company Representative- print name

David Bays
Company Representative- Signature

Title Sr. Environmental Specialist

Date: 10/10/2008

OCD Inspection: William Four Corners, Aztec CS, GW - 155

Inspector(s): Brandon Powell and Leonard Lowe

Company Rep: Mr. David Bays

Date: 07.30.08 Time: 13:19 – 13:50

Photo 1: Sump with residual oil stains.

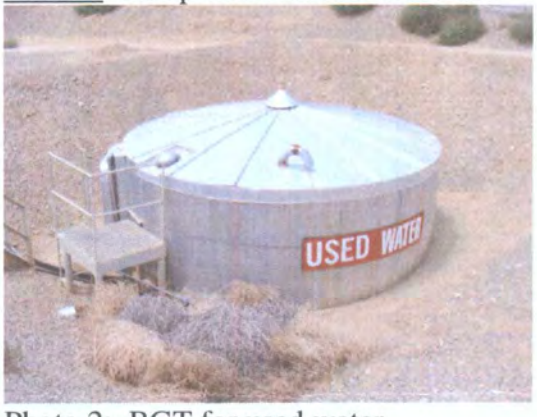

Photo 2: BGT for used water.

Photo 3: Landfarm onsite.

Photo 4: Not in use stained secondary containment.

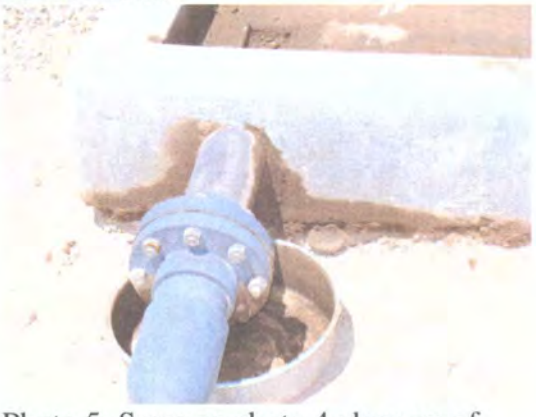

Photo 5: Same as photo 4 close up of cracks on the edge.

Photo 6: Leak detection port for BGT.

Photo 7: Conoco Phillips tank without appropriate liner.

Photo 8: Unused secondary containment with residual discharge on to ground.

New Mexico Energy, Minerals and Natural Resources Department

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

Mark Fesmire
Division Director
Oil Conservation Division

September 30, 2008

Mr. David Bays
Williams Four Corners
188 Road 4900
Bloomfield, N.M. 87413

Re: Discharge Permit Renewal
Aztec Compressor Station (GW-155)
SW/4 SW/4, Section 8, Township 32 North, Range 10 West, NMPM,
San Juan County, New Mexico

Dear Mr. Bays:

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

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

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

Sincerely,

Wayne Price
Environmental Bureau Chief

Attachments-1
xc: OCD District Office

ATTACHMENT- DISCHARGE PERMIT APPROVAL CONDITIONS

1. **Payment of Discharge Plan Fees:** All discharge permits are subject to WQCC Regulations. Every billable facility that submits a discharge permit application will be assessed a filing fee of $100.00, plus a flat fee (*see* WQCC Regulation 20.6.2.3114 NMAC). The Oil Conservation Division ("OCD") has received the required $100.00 filing fee. The flat fee for a compressor station with a horsepower greater than 1001 hp is $1700.00. Please submit this amount along with the signed permit. Checks should be made out to the New Mexico Water Quality Management Fund.

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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.

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

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

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

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

_____
Company Name-print name above

_____
Company Representative- print name

_____
Company Representative- Signature

Title_____

Date:_____

OCD Inspection: William Four Corners, Aztec CS, GW - 155

Inspector(s): Brandon Powell and Leonard Lowe

Company Rep: Mr. David Bays

Date: 07.30.08 Time: 13:19 – 13:50

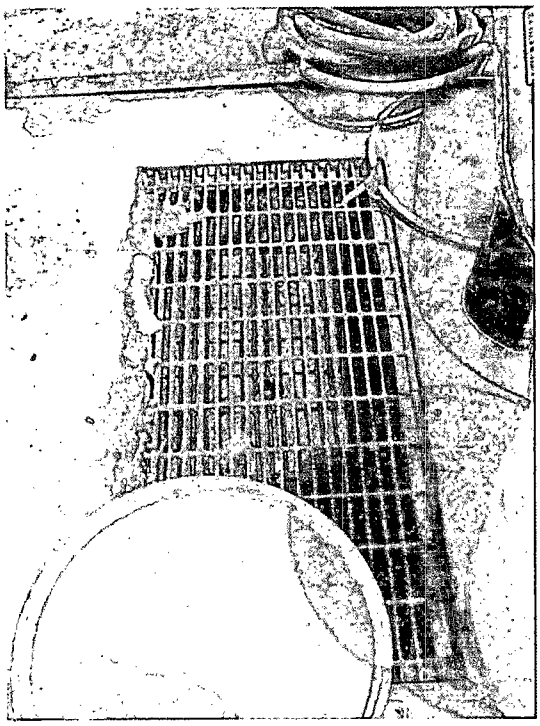


Photo 1: Sump with residual oil stains.

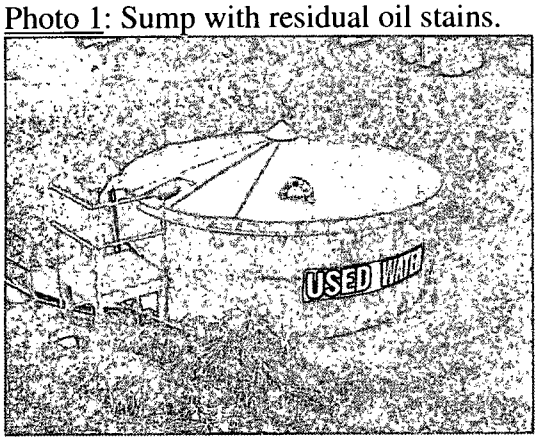


Photo 2: BGT for used water.

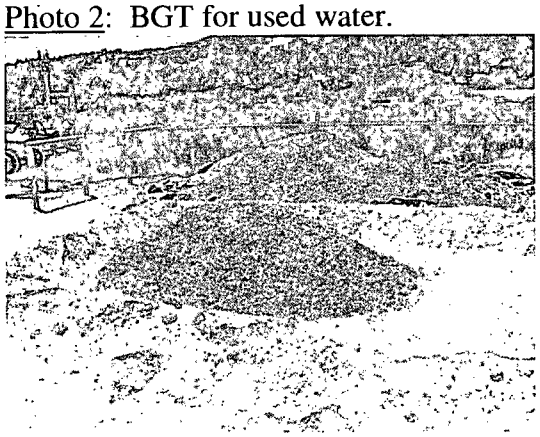


Photo 3: Landfarm onsite.

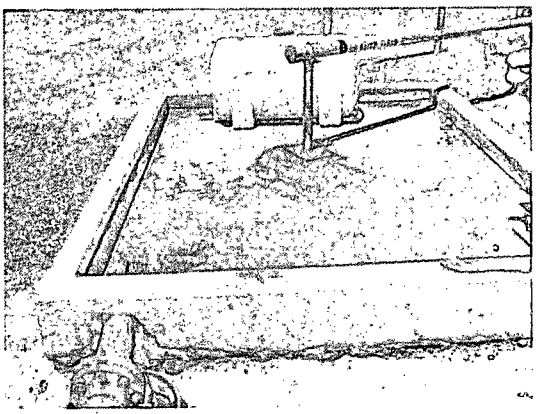


Photo 4: Not in use stained secondary containment.

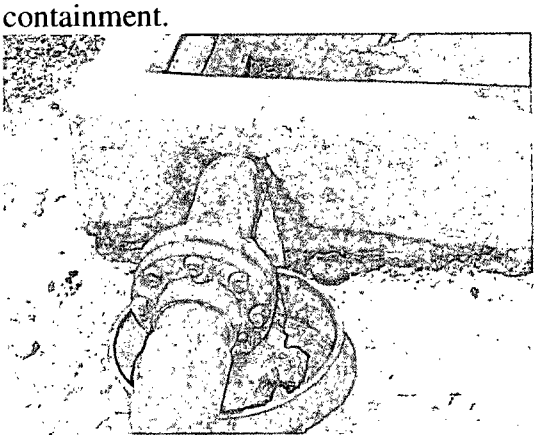


Photo 5: Same as photo 4 close up of cracks on the edge.

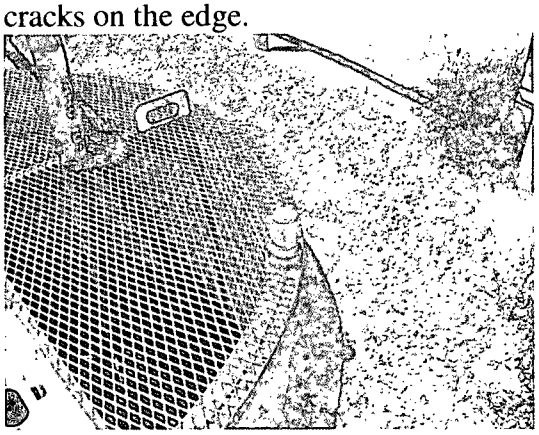


Photo 6: Leak detection port for BGT.

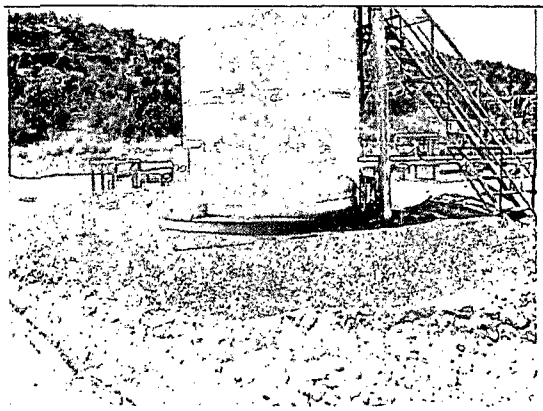


Photo 7: Conoco Phillips tank without appropriate liner.

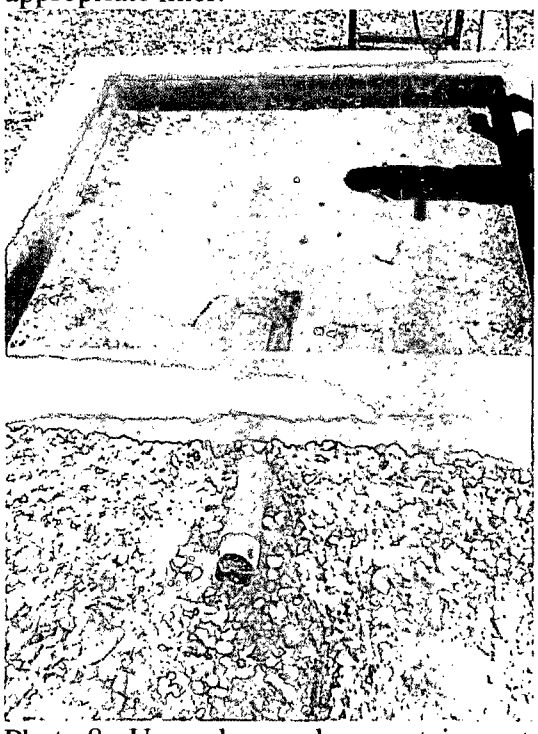


Photo 8: Unused secondary containment with residual discharge on to ground.

Lowe, Leonard, EMNRD

From: Lowe, Leonard, EMNRD
Sent: Tuesday, August 05, 2008 3:35 PM
To: 'Bays, David'
Cc: Deklau, Ingrid; Powell, Brandon, EMNRD
Subject: GW-155, Admin. Complete
Attachments: GW-155, Admin Complete Letter.pdf; GW-155, Draft Permit.pdf; GW-155, OCD PN.pdf

Mr. David Bays,

GW-155 has been determined to be Administratively Complete.

Your submitted public notice has been approved for publishing. Please provide the OCD a proof of publication affidavit once your notice has been published.

llowe

Leonard Lowe
Environmental Engineer
Oil Conservation Division/EMNRD
1220 S. St. Francis Drive
Santa Fe, N.M. 87505
Office: 505-476-3492
Fax: 505-476-3462
E-mail: leonard.lowe@state.nm.us
Website: http://www.emnrd.state.nm.us/ocd/

New Mexico Energy, Minerals and Natural Resources Department

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

Mark Fesmire
Division Director
Oil Conservation Division

August 5, 2008

Mr. David Bays
Williams Four Corners
188 Road 4900
Bloomfield, N.M. 87413

Re: Discharge Plan Renewal Permit GW-155
Williams Four Corners, LLC
Aztec Compressor Station
San Juan County, New Mexico

Dear Mr. Bays:

The New Mexico Oil Conservation Division (NMOCD) has received Williams Four Corners' request and initial fee, dated July 15, 2008, to renew GW-155 for the Aztec Compressor Station located in the SW/4 SW/4 of Section 8, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico. The initial submittal provided the required information in order to deem the application "administratively" complete.

The submitted applicant public notice has been demonstrated and has met the New Mexico Water Quality Control Commission regulations (WQCC) notice requirements of 20.6.2.3108 NMAC and has therefore been **approved** for publishing. Please submit to the OCD a proof of publication affidavit once published. NMOCD will provide public notice pursuant to the WQCC notice requirements of 20.6.2.3108 NMAC to determine if there is any public interest.

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

Sincerely,

Leonard Lowe
Environmental Engineer

LRL/lrl

xc: OCD District III Office, Aztec

New Mexico Energy, Minerals and Natural Resources Department

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

Mark Fesmire
Division Director
Oil Conservation Division

August 5, 2008

Mr. David Bays
Williams Four Corners
188 Road 4900
Bloomfield, N.M. 87413

Re: **DRAFT** Discharge Permit Renewal
Aztec Compressor Station (GW-155)
SW/4 SW/4, Section 8, Township 32 North, Range 10 West, NMPM,
San Juan County, New Mexico

Dear Mr. Bays:

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

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

The final permit should be issued in approximately 45 days. If you have any questions, please contact Leonard Lowe of my staff at (505-476-3492) or E-mail leonard.lowe@state.nm.us. On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge permit review.

Sincerely,

Wayne Price
Environmental Bureau Chief

Attachments-1
xc: OCD District Office

ATTACHMENT- DISCHARGE PERMIT APPROVAL CONDITIONS

1. **Payment of Discharge Plan Fees:** All discharge permits are subject to WQCC Regulations. Every billable facility that submits a discharge permit application will be assessed a filing fee of $100.00, plus a flat fee (*see* WQCC Regulation 20.6.2.3114 NMAC). The Oil Conservation Division ("OCD") has received the required $100.00 filing fee. The flat fee for a compressor station with a horsepower greater than 1001 hp is $1700.00. Please submit this amount along with the signed certification item 23 within 45 days. Checks should be made out to the New Mexico Water Quality Management Fund.

2. **Permit Expiration, Renewal Conditions and Penalties:** Pursuant to WQCC Regulation 20.6.2.3109.H.4 NMAC, this permit is valid for a period of five years. **The permit will expire on December, 13, 2013** and an application for renewal should be submitted no later than 120 days before that expiration date. Pursuant to WQCC Regulation 20.6.2.3106.F NMAC, if a discharger submits a discharge permit renewal application at least 120 days before the discharge permit expires and is in compliance with the approved permit, then the existing discharge permit will not expire until the application for renewal has been approved or disapproved. ***Expired permits are a violation of the Water Quality Act {Chapter 74, Article 6, NMSA 1978} and civil penalties may be assessed accordingly.***

3. **Permit Terms and Conditions:** Pursuant to WQCC Regulation 20.6.2.3104 NMAC, when a permit has been issued, the owner/operator must ensure that all discharges shall be consistent with the terms and conditions of this 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 July 2008 discharge plan application, including attachments and subsequent amendments and these conditions for approval. Permit applications that reference previously approved plans on file with the division shall be incorporated in this permit and the owner/operator shall abide by all previous commitments of such plans and these conditions for approval.

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

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

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

A. **OCD 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 (i.e. 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 number 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 propose other methods for testing if approved by the OCD.

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

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

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

15. **Spill Reporting:** The owner/operator shall report all unauthorized discharges, spills, leaks and releases and conduct corrective action pursuant to WQCC Regulation 20.6.2.1203 NMAC and OCD 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 Plan and Financial Assurance: Pursuant to 20.6.2.3107 NMAC an owner/operator shall notify the OCD when any operations of the facility are to be discontinued for a period in excess of six months. Prior to closure, or as a condition of this permit, or request from the OCD, the operator will submit an approved closure plan, modified plan, and/or provide adequate financial assurance.

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

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

Company name-print name above

Company Representative- print name

Company Representative- Signature

Title

Date:

NOTICE OF PUBLICATION

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

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

(GW-155) Williams Four Corners., Mr. David Bays, Senior Environmental Specialist, 188 County Road 4900, Bloomfield, N.M. 87413, has submitted a renewal application for the previously approved discharge plan for their Aztec compressor station, located in the SW/4 SW/4 of Section 8, Township 32 North, Range 10 West, NMPM, San Juan County, approximately 13 miles north of Aztec, New Mexico. The facility provides metering and compression services to various producers for the gathering of natural gas for treatment and delivery. Approximately 100-5000 gal/year/unit of waste/wash down water; 1000-4000 bbl/year of used glycol and 500-2000 gal/year/engine of used oil are generated and stored in onsite within a bermed area prior to 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 50-200 feet, with a total dissolved solids concentration of approximately 200 - 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 5th day of August 2008.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

S E A L

Mark Fesmire, Director

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. _____ dated 7/25/08

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

from Williams Four Corners

for GW-155

Submitted by: Lawicnia Romero Date: 8/4/08

Submitted to ASD by: Lawicnia Romero Date: 8/4/08

Received in ASD by: _____ Date: _____

Filing Fee ✓ New Facility _____ Renewal ✓

Modification _____ Other _____

Organization Code 521.07 Applicable FY 2004

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

Cirrus Consulting, LLC

July 26, 2008

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

Subject: Discharge Plan Renewal Application
Williams Four Corners, LLC Aztec Compressor Station (GW-155)

Dear Mr. Lowe:

On behalf of Williams Four Corners, LLC, Cirrus Consulting, LLC submitted the Discharge Plan renewal application for the Aztec Compressor Station (GW-155) to you via email on July 21, 2008. A copy of the email was forwarded to Brandon Powell, OCD District 3, today.

Enclosed please find a check for $100 for the facility's filing fee.

If any additional information is needed, please contact me at the number below or Mr. David Bays of Williams Four Corners, LLC at (505) 634-4951.

Sincerely,

Ingrid Deklau

Cirrus Consulting, LLC
1828 Harrison Ave.
Salt Lake City, Utah 84108

Tel: (801) 583-3107
ideklau@cirrusllc.com

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

State of New Mexico
Energy Minerals and Natural Resources

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

Revised June 10, 2003

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

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

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

☐ New ☒ Renewal ☐ Modification

1. Type: Natural Gas Compressor Station (Aztec CDP, GW-155)
2. Operator: Williams Four Corners, LLC

   Address: 188 CR 4900, Bloomfield, NM 87413

   Contact Person: David Bays Phone: (505) 634-4951
3. Location: SW/4 SW/4 Section 8 Township 32N Range 10W
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 daily quality and daily volume of waste water must be included.
8. Attach a description of current liquid waste and solid waste collection/treatment/disposal systems.
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 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: David Bays Title: Environmental Specialist

Signature: David Bays Date: July 15, 2008

E-Mail Address: david.bays@williams.com

Aztec Compressor Station

NMOCD Discharge Plan
GW-155 Renewal

Williams Four Corners, LLC
188 CR 4900
Bloomfield, NM 87413

August 2008

Item I
Indicate the major operational purpose of the facility. If the facility is a natural gas purification plant (CO_2 removal) and compressor station include the total combined site rated horsepower.

The Aztec Compressor Station is owned and operated by Williams Four Corners, LLC (Williams). The station was constructed in 1993 to provide metering and compression services to various producers for the gathering of natural gas for treatment and delivery through the Williams Field Services (WFS) system. The site is permitted for five Waukesha 7042GL reciprocating compressor engines (site-rated 1384 horsepower); one Waukesha 5180GL (site-rated 1002 hp) and five triethylene glycol dehydrators. In addition, there are various storage tanks, support structures and ancillary equipment.

Item 2
Name of operator or legally responsible party and local representative.

Legally Responsible Party/ Operator	Williams Four Corners, LLC 188 County Road 4900 Bloomfield, NM 87413 (505) 632-4600/4634 (800)-645-7400 (24 hour emergency notification)
Local Representative	David Bays Williams Four Corners, LLC 188 County Road 4900 Bloomfield, NM 87413 (505) 634-4951

Item 3
Give a legal description of the location and county. Attach a large-scale topographic map.

San Juan County, New Mexico
Township 32 North, Range 10 West, SW/4 SW/4 Section 8
The topographic map is attached as Figure 1.

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

Kennon Allen Decker
141 CR 2300
Aztec, NM 87410

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

There have been no modifications to this section. See information on-file at OCD. The facility plot plan is included with this document as Figure 2.

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

Table 1 describes the transfer, storage and disposal of exempt and non-exempt process fluids, effluents, and waste solids expected to be generated at the site.

MSDSs for materials at the site will be maintained in Williams' corporate office and will be available upon request.

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

The source, quantity, and quality of effluent and waste solids expected to be generated at the compressor station are summarized in Table 2.

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

There have been no modifications except that used oil filters and oil soaked pads and socks will be recycled per OCD regulations. This is reflected in Table 1, which describes the transfer, storage and disposal of exempt and non-exempt process fluids, effluents, and waste solids expected to be generated at the site. See additional information on-file at OCD.

Item 9
Attach a description of proposed modifications to existing collection/treatment/disposal systems.

No modifications to the facility are necessary to meet NMOCD requirements.

Item 10
Attach a routine inspection and maintenance plan to ensure permit compliance.

There have been no modifications to this item. See information on-file at OCD.

Item 11
Attach a contingency plan for reporting and clean up of spills or releases.

There have been no modifications to this item. See information on-file at OCD.

Item 12

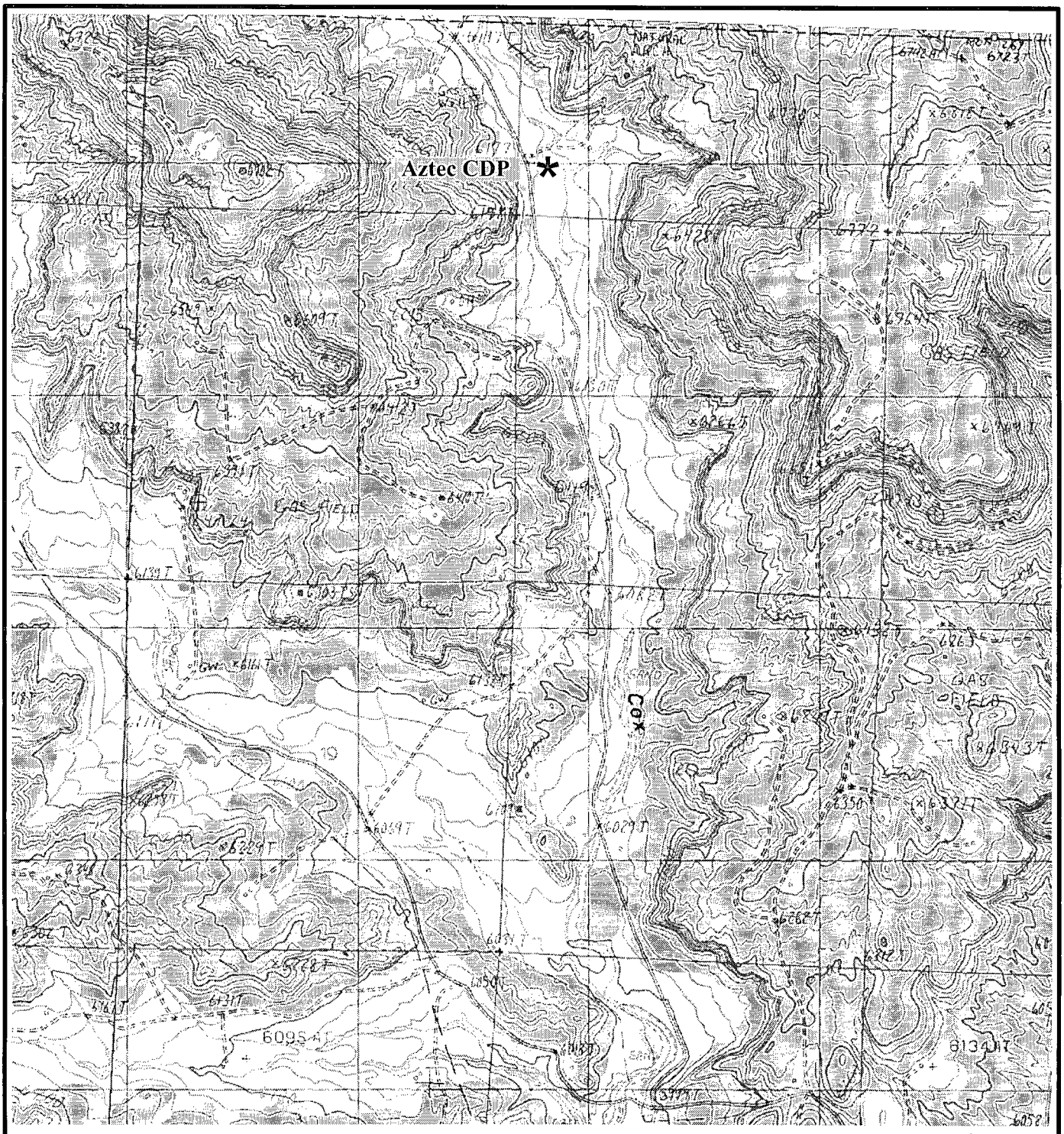
Attach ecological/hydrological information for the facility. Depth to and quality of groundwater must be included.

A current well search was performed using the New Mexico Office of the State Engineer's WATERS Database for this renewal application. There is no new information to report for this item. There are no water wells within a ¼-mile radius of Aztec Compressor Station. Information previously reported to OCD indicates estimated groundwater depth at the site is 50-200 feet. The total dissolved solids concentration of area groundwater is expected to range from 200 to 2000 parts per million. See additional information on-file at OCD.

Item 13

Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

There have been no modifications to this section. See information on-file at OCD.



Source: USGS Cedar Hill, New Mexico Quadrangle

Williams

Figure 1 Site Vicinity / Topographic Map

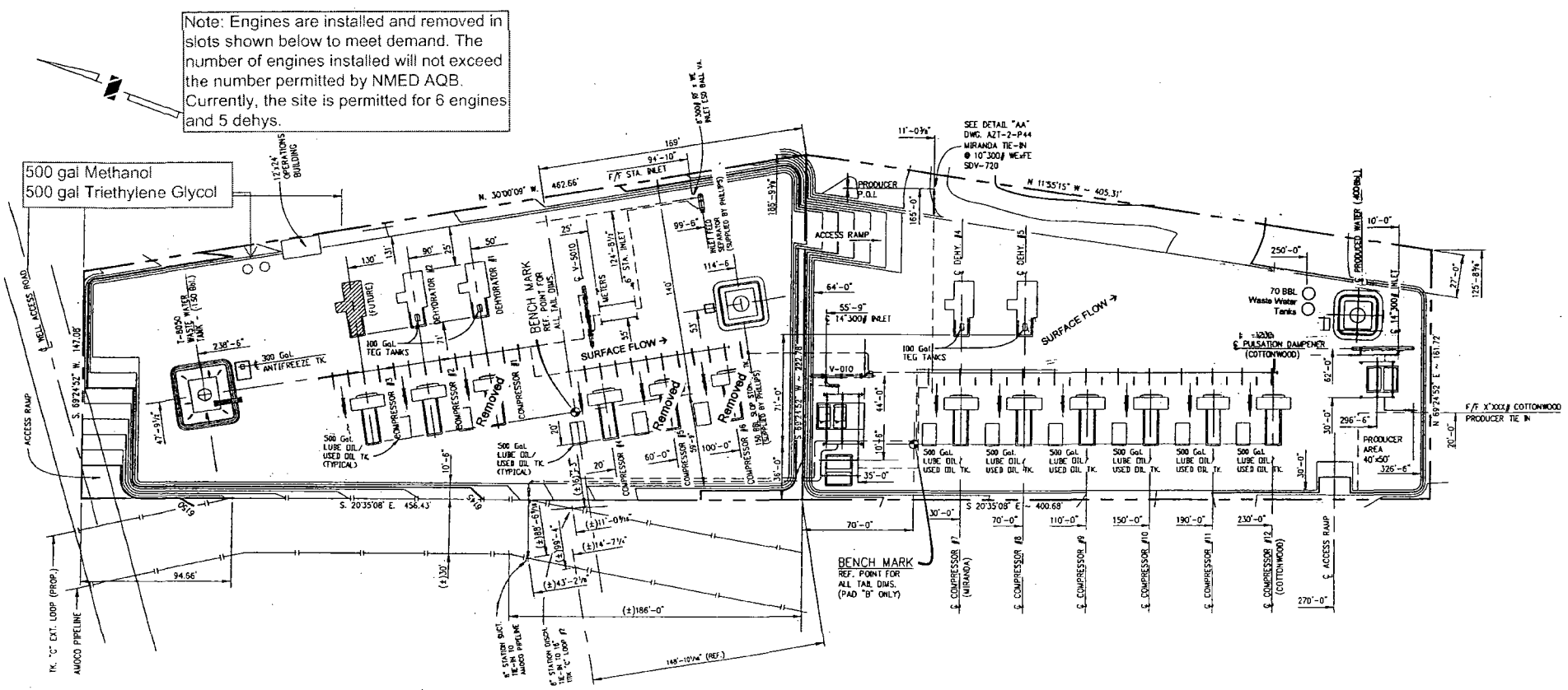
Aztec CDP Compressor Station

Section 8, Township 32N Range 10W

San Juan County, New Mexico

ATTACHMENT "A" PRODUCT AND WASTE STORAGE LOCATIONS

Manual: AZTEC COMPRESSOR DELIVERY POINT		
Section: SPILL PREVENTION CONTROL	Tab: 13	Document No: 4213.001
Effective Date: 12-10-98	Issue No: 01	Page No: 5 of 8



DRAFTING	BY	DATE
DRAWN BY	Mark	12-10-98
CHECKED BY		
APPROVED BY		
ENGINEER	BY	DATE
DESIGNED BY		

STATE: NEW MEXICO
COUNTY: SAN JUAN

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

AZTEC COMPRESSOR DELIVERY POINT
SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN
PLOT PLAN

SCALE: 1" = 100'

Table 1
Transfer, Storage and Disposal of Process Fluids, Effluent and Waste Solids

PROCESS FLUID/WASTE	STORAGE	STORAGE CAPACITY (approximate)	CONTAINMENT/ SPILL PREVENTION	RCRA STATUS	DESCRIPTION OF FINAL DISPOSITION
Used Oil	Above Ground Storage Tank	500 gal*	Concrete pad and wastewater system	Non-exempt	May be hauled to a Williams or contractor consolidation point before transport to EPA-registered used oil marketer for recycling.
Natural Gas Condensate/ Produced Water	Above Ground Storage Tank	400 bbl	Lined berm	Exempt	Saleable liquids may be sold to refinery. The remaining liquids may be transported to a Williams' evaporation facility or may be disposed at any facility permitted by any state, federal, or tribal agency to receive industrial solid waste. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such hazardous waste.
Wash-down Water/ Waste Water	Above Ground Storage Tank	150 bbl 2 @ 70 bbl	Berm Double-walled tanks	Non-Exempt	Contractor may pump wash water back into truck after washing; water may be transported to any facility permitted by any state, federal, or tribal agency to receive industrial solid waste; or evaporation at Williams' facility may be considered. Any waste determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such waste.
Used Oil Filters and Oil Soaked Pads and Socks	Drum or other container	Varies	Transported in drum or other container	Non-exempt	Used oil filters and oil soaked pads and socks will be recycled as required by OCD regulations.
Used Process Filters	Drum or other container	Varies	Transported in drum or other container	Exempt	Transported to a Williams or contractor consolidation point, drained, and ultimately transported for disposal at any facility permitted by any state, federal, or tribal agency to receive industrial solid waste. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such hazardous waste. A Waste Acceptance Profile will be filed with the disposal facility as necessary. Recycling options may be considered when available.
Spill Residue (e.g., soil, gravel, etc.)	N/A	N/A	In situ treatment, land-farm, or alternate method	Incident dependent	Per Section VI, Remediation, in 8/13/93 NMOCD Guidelines for Remediation of Leaks, Spills, and Releases.
Used Absorbents	Drum or other container	Varies	Transported in drum or other container	Non-exempt	Transported to a Williams or contractor consolidation point, drained, and ultimately transported for disposal at any facility permitted by any state, federal, or tribal agency to receive industrial solid waste. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such hazardous waste. A Waste Acceptance Profile will be filed with the disposal facility as necessary. Recycling options may be considered when available.
Empty Drums / Containers	N/A	N/A	Berm	Non - exempt	Barrels are returned to supplier or transported to a Williams or contractor consolidation point and ultimately recycled/disposed consistent with applicable regulations.
Antifreeze	Above Ground Storage Tank	500 gal	Concrete pad and wastewater system	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Methanol	Above Ground Storage Tank	500 gal	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Triethylene Glycol	Above Ground Storage Tank	500 gal 100 gal*	Berm Concrete pad and wastewater system	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Lube Oil	Above Ground Storage Tank	500 gal*	Concrete pad and wastewater system	N/A	Off-spec material recycled or disposed consistent with applicable regulations.

*Number of tanks installed dependent on number of engines and dehydrators installed on site. Engines and dehydrators are installed or removed to meet demand.

Table 2
Source, Quantity, and Quality of Effluent and Waste Solids

PROCESS FLUID / WASTE	SOURCE	QUANTITY (Ranges)	QUALITY
Natural Gas Condensate/ Produced Water	Inlet Scrubber, Gas Inlet Separator, Dehydrators, Condensate Tank	2000-8000 bbl/year	No Additives
Waste Water/ Wash Down Water	Compressor and Dehy Skids; Process Areas; Condensate Tank	100-5000 gal/year/unit	Biodegradable soap and tap water with traces of used oil
Used Glycol/Antifreeze/ Methanol	Site and Field Dehydration/ Coolant	0-4000 bbl/yr	No additives
Used Solvent	Parts Cleaner; Pipeline Additive	0-500 gal/year	No additives
Used Oil	Compressors	500-2000 gal/year/engine	Used Motor Oil w/ No Additives
Used Oil Filters	Compressors	50-500/year/engine	No Additives
Used Process Filters	Charcoal, Activated Carbon, Molecular Sieve	50-500 cubic yd/yr	No Additives
Used Process Filters	Air, Inlet, Fuel, Fuel Gas, Glycol, Amine, Ambitrol	75-500/year	No Additives
Empty Drums/Containers	Liquid Containers	0-80/year	No Additives
Spill Residue (i.e. soil, gravel, etc)	Incidental Spill	Incident Dependent	Incident Dependent
Used Adsorbents	Incidental Spill/Leak Equipment Wipe-down	Incident Dependent	No Additives

See attached DRAFT Public Notice, to include the following:

- Newspaper notice published in Farmington Daily Times in English and Spanish
- Landowner notice

PUBLIC NOTICE

Williams Four Corners, LLC, 188 County Road 4900, Bloomfield, New Mexico 87413, submitted a renewal application in August 2008 to the New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division for the previously approved discharge plan GW-155 for their Aztec Compressor Station located in the SW/4, SW/4 of Section 8 Township 32 North, Range 10 West in San Juan County, New Mexico. The facility, located approximately 13 miles north of Aztec, provides natural gas compression and conditioning services.

The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed. Typical materials generated or used at the facility include natural gas condensate/produced water, new and used lube oil, oily waste water from equipment wash down, and glycol. The quantity of wastewater generated is 100 – 5000 gallons per year per engine. The facility does not discharge to surface or subsurface waters. All wastes generated will be temporarily stored in tanks or containers equipped with secondary containment. Waste shipped offsite will be disposed or recycled at a facility permitted by state, federal, or tribal agency to receive such waste. The estimated ground water depth at the site is expected to be in the range of 50-200 feet. The total dissolved solids concentration of area ground water is expected to be in the range of 200-2,000 parts per million.

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

ATENCIÓN PÚBLICA

Williams Four Corners, LLC, County Road 4900, Bloomfield, NM 87413, han presentado una aplicación de renovación en Julio or agosto de 2008 a la New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division para la descarga antes aprobada planean GW-155 para su Aztec Compressor Station localizada en el SW/4, SW/4 de la Sección 8, Municipio 32 Norte, Recorren 10 Oeste en San Juan County, New Mexico. La instalación, norte de aproximadamente 13 millas localizado de Aztec, proporciona servicios de acondicionamiento y compresión de gas naturales.

El plan de descarga se dirige como las caídas, los agujeros, y otras descargas casuales a la superficie serán manejados. Los materiales típicos generados o usados en la instalación incluyen el echar agua condensado/producir de gas natural, el petróleo de lubricación nuevo y usado, echar agua de desecho aceitoso del equipo se lavan abajo, y glicol. La cantidad de wastewater generado es 100 – 5000 galones por año por motor. La instalación no descarga para revestir o subrevestir los echares agua. Toda la basura generada será temporalmente almacenada en tanques o contenedores equipados con la contención secundaria. La basura transportó offsite será dispuesto o reciclado en una instalación permitida por la agencia estatal, federal, o tribal recibir tal basura. Se espera que la profundidad de agua subterránea estimada en el sitio esté en la variedad de 50-200 pies. El total se disolvió se espera que la concentración de sólidos del agua subterránea de área esté en la variedad de 200-2,000 partes por millón.

Cualquier persona interesada o personas pueden obtener la información, presentar comentarios o solicitar para ser colocado en una lista de direcciones específica de instalación para futuros avisos por ponerse en contacto con Leonard Lowe en el Nuevo México OCD en 1220 Sur San. Francis Drive, Santa Fe, Nuevo México 87505, Teléfono (505) 476-3492. El OCD aceptará comentarios y declaraciones del interés en cuanto a la renovación y creará una lista de direcciones específica de instalación para personas que desean recibir futuros avisos.

Four Corners Area
Environmental Department
#188 County Road 4900
Bloomfield, N.M. 87413
Phone: (505) 632-4625
Fax: (505) 632-4781

April 18, 2008

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Mr. Kennon Allen Decker
141 CR 2300
Aztec, NM 87410

Dear Madam/Sir:

This letter is to advise you that Williams Four Corners, LLC is submitting a Discharge Plan Renewal application for the permitted Aztec Compressor Station (GW-155) to the Oil Conservation Division. This notice is a requirement pursuant to New Mexico Water Quality Control Commission Regulations. We submitted the Discharge Plan Renewal application to the Oil Conservation Division during August 2008.

The facility, located on U.S. Forest Service land in the SW/4, SW4 Section 8, Township 32 North, Range 10 West, San Juan County, New Mexico, approximately 13 miles north of Bloomfield, provides natural gas compression and conditioning services.

The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed. Typical materials generated or used at the facility include natural gas condensate/produced water, new and used lube oil, oily waste water from equipment wash down, and glycol. The facility does not discharge to surface or subsurface waters. The quantity of wastewater generated is 100–5000 gallons per year per engine. All wastes generated will be temporarily stored in tanks or containers equipped with secondary containment. Waste shipped offsite will be disposed or recycled at a facility permitted by state, federal, or tribal agency to receive such waste. The estimated ground water depth at the site is expected to be in the range of 50-200 feet. The total dissolved solids concentration of area ground water is expected to be in the range of 200-2,000 parts per million.

Comments or inquiries regarding this permit or the permitting process may be directed to:

Leonard Lowe
New Mexico Oil Conservation Division
1220 South Saint Francis Dr.
Santa Fe NM 87505
505-476-3492

Respectfully submitted,

David Bays
Sr. Environmental Specialist

ATTACHMENT TO THE DISCHARGE PLAN GW-155
WILLIAMS FIELD SERVICES COMPANY
AZTEC CDP COMPRESSOR STATION
DISCHARGE PLAN APPROVAL CONDITIONS
(April 21, 2003)

1. Payment of Discharge Plan Fees: The $100.00 filing fee has been received by the OCD. The $1,700.00 required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.

2. Williams Field Services Company Commitments: Williams Field Services Company will abide by all commitments submitted in the discharge plan renewal application dated March 19, 2003 and these stipulations for renewal.

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 characterization per 40 CFR Part 261.

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 at present and then every 5 years thereafter, or prior to discharge plan renewal. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.

11. Class V Wells: 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. All 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. Closure of Class V wells must be in accordance with a plan approved by the Division's Santa Fe Office. The OCD allows industry to submit closure plans that are protective of human health, the environment and groundwater as defined by the WQCC, and are cost effective. 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: Williams Field Services Company shall maintain storm water runoff controls. As a result of Williams Field Services Company's operations any water contaminant that exceeds the WQCC standards listed in 20 NMAC 6.2.3101 is discharged in any storm water runoff then Williams Field Services Company shall notify the OCD within 24 hours, modify the plan within 15 days and submit for OCD approval. Williams Field Services Company shall also take immediate corrective actions pursuant to Item 12 of these conditions.

16. Closure: The OCD will be notified when operations of the Aztec CDP Compressor Station are discontinued for a period in excess of six months. Prior to closure of the Aztec CDP Compressor Station 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: Williams Field Services Company, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Williams Field Services Company 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:

WILLIAMS FIELD SERVICES COMPANY

by _____

Title

Environmental Specialist

Michael K. Lane

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

April 21, 2003

Mr. Michael K. Lane
Williams Field Services Company
118 County Road 4900
Bloomfield, New Mexico 87413

RE: Discharge Plan Renewal
Williams Field Services Company
Aztec CDP Compressor Station
San Juan County, New Mexico

Dear Mr. Lane:

The ground water discharge plan renewal GW-155 for the Williams Field Services Company Aztec CDP Compressor Station located in the SW/4 SW/4 of Section 8, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico, **is hereby approved** under the conditions contained in the enclosed attachment. The discharge plan consists of the original application dated October 19, 1993 approved December 13, 1993, the renewal application dated March 19, 2003 and the attached stipulations of approval. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 10 working days of receipt of this letter.**

The discharge plan renewal application was submitted pursuant to 20 NMAC 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations. It is approved pursuant to 20 NMAC 3109.A. Please note 20 NMACs 3109.E and 20NMAC 3109.F, which provide for possible future amendments or modifications of the plan. Please be advised that approval of this plan does not relieve Williams Field Services Company of liability should operations result in pollution of surface water, ground water, or the environment.

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

Please note that 20 NMAC 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 20 NMAC 3107.C., Williams Field Services Company 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 20 NMAC 3109.G.4., this plan is for a period of five years. This approval will expire on **December 13, 2008**, and Williams Field Services Company should submit an application in ample time before this date. Note that under 20 NMAC 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 renewal.

The discharge plan renewal application for the Williams Field Services Company Aztec CDP Compressor Station is subject to WQCC Regulation 3114. Every billable facility submitting a renewal discharge plan application will be assessed a fee equal to the filing fee of $100 plus a flat fee of $1,700.00 for compressor station with greater than 1,001 horsepower rating. The OCD has received the filing fee.

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

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

Sincerely,

Roger C. Anderson
Chief, Environmental Bureau
Oil Conservation Division

RCA/wjf
Attachment

xc: OCD Aztec Office

ATTACHMENT TO THE DISCHARGE PLAN GW-155
WILLIAMS FIELD SERVICES COMPANY
AZTEC CDP COMPRESSOR STATION
DISCHARGE PLAN APPROVAL CONDITIONS
(April 21, 2003)

1. Payment of Discharge Plan Fees: The $100.00 filing fee has been received by the OCD. The $1,700.00 required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.

2. Williams Field Services Company Commitments: Williams Field Services Company will abide by all commitments submitted in the discharge plan renewal application dated March 19, 2003 and these stipulations for renewal.

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10. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.

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15. Storm Water Plan: Williams Field Services Company shall maintain storm water runoff controls. As a result of Williams Field Services Company's operations any water contaminant that exceeds the WQCC standards listed in 20 NMAC 6.2.3101 is discharged in any storm water runoff then Williams Field Services Company shall notify the OCD within 24 hours, modify the plan within 15 days and submit for OCD approval. Williams Field Services Company shall also take immediate corrective actions pursuant to Item 12 of these conditions.

16. Closure: The OCD will be notified when operations of the Aztec CDP Compressor Station are discontinued for a period in excess of six months. Prior to closure of the Aztec CDP Compressor Station 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: Williams Field Services Company, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Williams Field Services Company 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:

WILLIAMS FIELD SERVICES COMPANY

by_____
Title

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No [redacted] dated 3/14/03,

or cash received on _____ in the amount of $ 600.00

from Williams Field Services

for See attached
(Facility Name)

Submitted by: _____ Date: 3/21/03
(DP No.)

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 ___

THIS MULTI-TONE AREA OF THE DOCUMENT CHANGES COLOR GRADUALLY AND EVENLY FROM DARK TO LIGHT WITH DARKER AREAS BOTH TOP AND BOTTOM. IT ALSO HAS A REFLECTIVE WATERMARK ON THE BACK.

Williams

WILLIAMS FIELD SERVICES COMPANY
P. O. Box 21218 • Tulsa, OK 74121-1218

[redacted]

DATE 03/14/2003

PAY TO THE ORDER OF:

PAY ********$600.00

NEW MEXICO OIL CONSERVATION DIV
WATER QUALITY MANAGEMENT FUND
2040 S PACHECO

SANTA FE NM 87505
United States

Authorized Signer

Bank One, NA
Illinois

[redacted]

Environmental Affairs
188 CR 4900
Bloomfield, NM 87413
505/632-4606
505/632-4781 Fax

March 19, 2003

Mr. Jack Ford
New Mexico Oil Conservation Division
Water Quality Management Fund
1220 S St. Francis Dr.
Santa Fe NM 87505

Re: Discharge Plan GW- Application Renewal and Filing Fee

Dear Mr. Ford:

Enclosed please find copies of Discharge Plan application renewal and check number 3500002622 for $600.00 to cover the filling fee for the following Williams Field Services (WFS) Compressor Stations:

- 30-8 CDP (GW-133)
- Aztec CDP (GW-155)
- Crouch Mesa CDP (GW-129)
- Decker Junction CS (GW-134)
- Kutz Canyon Plant (GW-045)
- Trunk N CS (GW-306)

Williams Field Services appreciates your assistance in handling these applications and fees. If you have any questions or require additional information, please contact me at 505/632/4606.

Thank you,

Clara M Garcia
Environmental Compliance

Xc: Denny Foust, Aztec, OCD Dist III

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

March 4, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. Z-357-870-072

Ms. Ingrid A. Deklau
Williams Field Services
P.O. Box 58900
Salt Lake City, Utah 84108

RE: Site Modification Notification
GW-155, Aztec Compressor Station
San Juan County, New Mexico

Dear Ms. Deklau:

The OCD has received the site modification letter, dated February 26, 1999, from Williams Field Services for the Aztec Compressor Station GW-155 located in SW/4 SW/4, Section 8, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico. **The site modifications are approved without modification to the discharge plan.**

Please note that Section 3104 of the regulations requires that **"When a plan has been approved, discharges must be consistent with the terms and conditions of the plan."** Pursuant to Section 3107.C Williams Field Services 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. Further, this approval does not relieve Williams Field Services from liability should operations result in contamination to the environment.

Sincerely,

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

cc: Mr. Denny Foust - Aztec District Of

Z 357 870 072

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail (See reverse)

Sent to	Ingrid Deklau
Street & Number	WFS
Post Office, State, & ZIP Code	SLC
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	GW-155

PS Form 3800, April 1995

ATTACHMENT TO THE DISCHARGE PLAN GW-155
WILLIAMS FIELD SERVICES
AZTEC CDP COMPRESSOR STATION
DISCHARGE PLAN APPROVAL CONDITIONS
(November 3, 1998)

1. Payment of Discharge Plan Fees: The $50.00 filing fee has been received by the OCD. The $690.00 required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.

2. Williams Field Services Commitments: Williams Field Services will abide by all commitments submitted in the discharge plan renewal application dated July 6, 1998 and these stipulations for renewal.

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 characterization per 40 CFR Part 261.

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 a minimum of 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: 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. All 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. Closure of Class V wells must be in accordance with a plan approved by the Division's Santa Fe Office. The OCD allows industry to submit closure plans which are protective of human health, the environment and groundwater as defined by the WQCC, and are cost effective. 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. Closure: The OCD will be notified when operations of the Aztec CDP Compressor Station are discontinued for a period in excess of six months. Prior to closure of the Aztec CDP Compressor Station a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

16. Certification: Williams Field Services, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Williams Field Services 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:

WILLIAMS FIELD SERVICES

by _____ Title Envtl Specialist

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 11/24/98,

or cash received on _____ in the amount of $ 690.00

from WFS

for Aztec CS GW-155
(Facility Name) (DP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: [signature] Date: 1-11-99

Received in ASD by: _____ Date: _____

Filing Fee ___ New Facility ___ Renewal X

Modification ___ Other _____
(specify)

Organization Code 521.07 Applicable FY 99

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment ___

Williams

Williams Field Services Company
P. O. Box 58900
Salt Lake City, Utah 84158-0900

Chase Manhattan Bank Delaware
1201 Market Street
Wilmington DE 19801

62-26
311

5736-09

DATE	CHECK NO.	NET AMOUNT
11/24/98	[redacted]	690.00

PAY
SIX HUNDRED NINETY AND 00/100----------

TO THE ORDER OF
NMED-WATER QUALITY MANAGEMENT
2040 SO. PACHECO
SANTA FE NM 87505

Mary Jane Battick
TREASURER

[redacted]

Williams Field Services Company

2289 NMED-WATER QUALITY MANAGEMENT 102068 11/24/98

INVOICE NUMBER	DESCRIPTION	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
GW-155		11/03/98	690.00	0.00	690.00
			690.00	0.00	690.00

Aztec OS

PLEASE DETACH BEFORE DEPOSITING

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

November 3, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. Z-357-870-033

Ms. Ingrid A. Deklau
Williams Field Services
P.O. Box 58900
Salt Lake City, Utah 84108-0900

RE: Discharge Plan Renewal GW-155
Williams Field Services
Aztec CDP Compressor Station
San Juan County, New Mexico

Dear Ms. Deklau:

The ground water discharge plan renewal GW-155 for the Williams Field Services Aztec CDP Compressor Station located in the SW/4 SW/4 of Section 8, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico, **is hereby approved** under the conditions contained in the enclosed attachment. The discharge plan consists of the renewal application dated July 6, 1998 and the attached stipulations of approval. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 10 working days of receipt of this letter.**

The discharge plan renewal application was submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations. It is approved pursuant to Section 3109.A. Please note Sections 3109.E and 3109.F, which provide for possible future amendments or modifications of the plan. Please be advised that approval of this plan does not relieve Williams Field Services of liability should operations result in pollution of surface water, ground water, or the environment.

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

Please note that Section 3104 of the regulations provides: "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C., Williams Field Services 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.G.4., this plan is for a period of five years. This approval will expire on **December 13, 2003**, and Williams Field Services 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 renewal.

The discharge plan renewal application for the Williams Field Services Aztec CDP Compressor Station is subject to WQCC Regulation 3114. Every billable facility submitting a renewal discharge plan application will be assessed a fee equal to the filing fee of $50 plus a flat fee of $690.00 for compressor station facilities with horsepower rating greater than 3000 horsepower. The OCD has received the filing fee.

Please make all checks payable to **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office.

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

PS Form 3800, April 1995

Z 357 870 033

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail (See reverse)

Sent to	Ingrid Deklau
Street & Number	WFS
Post Office, State, & ZIP Code	Santa Fe
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	GW-155

ATTACHMENT TO THE DISCHARGE PLAN GW-155
WILLIAMS FIELD SERVICES
AZTEC CDP COMPRESSOR STATION
DISCHARGE PLAN APPROVAL CONDITIONS
(November 3, 1998)

1. Payment of Discharge Plan Fees: The $50.00 filing fee has been received by the OCD. The $690.00 required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.

2. Williams Field Services Commitments: Williams Field Services will abide by all commitments submitted in the discharge plan renewal application dated July 6, 1998 and these stipulations for renewal.

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 characterization per 40 CFR Part 261.

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 a minimum of 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: 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. All 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. Closure of Class V wells must be in accordance with a plan approved by the Division's Santa Fe Office. The OCD allows industry to submit closure plans which are protective of human health, the environment and groundwater as defined by the WQCC, and are cost effective. 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. Closure: The OCD will be notified when operations of the Aztec CDP Compressor Station are discontinued for a period in excess of six months. Prior to closure of the Aztec CDP Compressor Station a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

16. Certification: Williams Field Services, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Williams Field Services 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:

WILLIAMS FIELD SERVICES

by_____
Title

Williams Field Services Company

4341 NEW MEXICO OIL CONSERVATION DI [redacted] 09/18/98

INVOICE NUMBER	DESCRIPTION	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
91698	Aztec Compressor S	09/16/98	50.00	0.00	50.00
			50.00	0.00	50.00

PLEASE DETACH BEFORE DEPOSITING

Williams

Williams Field Services Company
P. O. Box 58900
Salt Lake City, Utah 84158-0900

Chase Manhattan Bank Delaware
1201 Market Street
Wilmington DE 19801

62-26
311

5736-

DATE	CHECK NO.	NET AMOUNT
09/18/98	[redacted]	50.00

PAY
FIFTY AND 00/100----------

TO THE ORDER OF
NEW MEXICO OIL CONSERVATION DI
NM WATER QUALITY MGMT FUND
2040 SOUTH PACHECO
SANTA FE NM 87504

Mary Jane Bittick
TREASURER

[redacted]

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 9/18/98,

or cash received on _____ in the amount of $ 50.00

from WFS

for Aztec C.S. GW-155
(Facility Name) (DP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: RC Chandler Date: 10/30/98

Received in ASD by: _____ Date: _____

Filing Fee X Renewal ___

New Facility ___

Modification ___ Other _____
(specify)

Organization Code 521.07 Applicable FY 99

To be deposited in the Water Quality Management Fund.

Full Payment ___ or Annual Increment ___

Williams

Williams Field Services Company
P. O. Box 58900
Salt Lake City, Utah 84158-0900

Chase Manhattan Bank Delaware
1201 Market Street
Wilmington DE 19801

62-26
311

5736-09

DATE	CHECK NO.	NET AMOUNT
09/18/98	[redacted]	50.00

PAY
FIFTY AND 00/100----------

TO THE ORDER OF
NEW MEXICO OIL CONSERVATION DI
NM WATER QUALITY MGMT FUND
2040 SOUTH PACHECO
SANTA FE NM 87504

Mary Jane Bittick
TREASURER

[redacted]

Williams Field Services Company

4341 NEW MEXICO OIL CONSERVATION DI [redacted] 09/18/98

INVOICE NUMBER	DESCRIPTION	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
91698	Aztec Compressor S	09/16/98	50.00	0.00	50.00
			50.00	0.00	50.00

GW-155
Aztec CS

PLEASE DETACH BEFORE DEPOSITING

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

March 27, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-962-624

Ms. Leigh Gooding
Williams Field Services Company
P.O. Box 58900, M.S. 10368
Salt Lake City, Utah 84158-0900

Re: Discharge Plan (GW-155)
Aztec CDP Compressor Station
San Juan County, New Mexico

Dear Ms. Gooding:

The New Mexico Oil Conservation Division (OCD) has received Williams Field Services (WFS) request dated January 22, 1996 to modify the ground water discharge plan for the Aztec CDP Compressor Station located in the SW/4 SW/4 of Section 8, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico. The proposed modification would add an additional eleven (11) compressors to the facility. The request to modify **is hereby approved** under the conditions contained in the enclosed attachment. The discharge plan consists of the December 13, 1993 approval and the January 22, 1996 modification request.

The discharge plan modification was submitted pursuant to Sections 3106 and 3107.C of the Water Quality Control Commission (WQCC) Regulations. Based on the information provided in the modification request and in the approved discharge plan, it is approved pursuant to Section 3109. Please be advised that approval of this plan does not relieve WFS of liability should their operation 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 (exceeding 16 feet in diameter) shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

Please note that Section 3104 of the regulations requires that "when a plan has been approved, discharges must be consistent with the terms and conditions of the plan". Pursuant to Section 3107.C. WFS 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.

The discharge plan application for the WFS's Aztec CDP Compressor Station is subject to the WQCC Regulation 3114 discharge plan fee. Every billable facility submitting a discharge plan modification will be assessed a fee equal to the filing fee of fifty (50) dollars plus the flat rate of six-hundred ninety (690) dollars for compressor stations over 3000 horsepower. As of the date of this letter the OCD has not received WFS's $50 filing fee. **The fifty dollar filing fee plus the six hundred ninety dollar modification fee will be due upon receipt of this letter.**

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office.

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

Sincerely,

William J. LeMay
Director

WJL/cee

Attachment

xc: Denny Foust-OCD Aztec Office

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

P.O. Box 58900
Salt Lake City, UT 84158-0900
(801) 584-7033
FAX: (801) 584-6483

April 22, 1996

Mr. William LeMay
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87504

Re: Discharge Plan Renewal Fee for Aztec CDP Compressor Station (GW-155) San Juan County

Dear Mr. LeMay:

Enclosed please find a check for $740 to cover the discharge plan renewal fee for Williams Field Services' Aztec Compressor Station located in San Juan County, New Mexico. Also enclosed, please find one signed copy of the conditions of approval for your records.

If you have any questions or require additional information, please do not hesitate to contact me at (801) 584-6543.

Sincerely,

Leigh E. Gooding
Sr. Environmental Specialist

enclosure

cc: Denny Foust, OCD District III Office (letter and enclosure)

ATTACHMENT TO THE DISCHARGE PLAN GW-155 MODIFICATION APPROVAL
WILLIAMS FIELD SERVICES COMPANY
AZTEC CDP COMPRESSOR STATION
DISCHARGE PLAN REQUIREMENTS
(March 27, 1996)

1. WFS Commitments: Requirements from the December 13, 1993 discharge plan approval will remain effective.

2. Drum Storage: All drums containing materials other than fresh water must be stored on 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. Chemical(s) stored in any other containers such as buckets and sacks must be stored on pad and curb type containment.

3. 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 (i.e. drip pan) incorporated into the design.

4. Sump Inspection: All pre-existing sumps will be cleaned and visually inspected on an annual basis. All inspections will be documented and recorded for a period of five years and the records will be available to OCD inspectors upon request. Any new sumps or below-grade tanks will be approved by the OCD prior to installation and will incorporate leak detection in their designs.

5. Above Ground Tanks: All above ground tanks which contain fluids other than freshwater must be bermed to contain a volume of one and one-third (1-1/3) more than the total volume of the largest tank within the berm or of all interconnected tanks. All new or replacement tanks will be placed on an impermeable liner.

6. Saddle Tanks: All saddle tanks will be placed on pad and curb type containment unless they contain fresh water or liquids that are gases at atmospheric temperature and pressure.

7. Tank Labeling: All tanks must be clearly labeled to identify their contents and other emergency information necessary if the tank(s) were to rupture, spill and/or ignite.

8. Below Grade Tanks/Sumps: All below grade tanks, sumps and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak detection into the design. All pre-existing sumps and below grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD.

9. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every five years there after. 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.

10. Spill Reporting: All spills and/or leaks will be reported to the OCD District Office pursuant to WQCC Rule 1203 and OCD Rule 116.

11. Housekeeping: All systems designed for spill collection/prevention will be inspected daily to ensure proper operation, prevent overtopping and/or system failure.

12. Transfer of Discharge Plan: The OCD will be notified prior to the 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.

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

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

15. Conditions Accepted by:

Company Representative

4-15-96
Date

TERRY G. SPRADLIN
Title
MANAGER - ENVIRONMENTAL
HEALTH & SAFETY

ATTACHMENT TO THE DISCHARGE PLAN GW-155 MODIFICATION APPROVAL
WILLIAMS FIELD SERVICES COMPANY
AZTEC CDP COMPRESSOR STATION
DISCHARGE PLAN REQUIREMENTS
(March 27, 1996)

1. WFS Commitments: Requirements from the December 13, 1993 discharge plan approval will remain effective.

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9. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every five years there after. 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.

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

15. Conditions Accepted by:

_____ _____

Company Representative Date

_____

Title

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

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

December 13, 1993

CERTIFIED MAIL
RETURN RECEIPT NO. P-111-334-289

Mr. Lee Bauerle
Williams Field Services Company
P.O. Box 58900, M.S. 10368
Salt Lake City, Utah 84158-0900

Re: Discharge Plan (GW-155)
Aztec C.D.P. Compressor Station
San Juan County, New Mexico

Dear Mr. Bauerle:

The groundwater discharge plan GW-155 for the Williams Field Services Company Aztec C.D.P. Compressor Station located in the SW/4 SW/4, Section 8, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico **is hereby approved** under the conditions contained in the enclosed attachment. The discharge plan consists of the application dated October 19, 1993.

The discharge plan was submitted pursuant to section 3-106 of the Water Quality Control Commission Regulations. It is approved pursuant to section 3-109.A.. Please note Section 3-109.F., which provides for possible future amendment of the plan. Please be advised that approval of this plan does not relieve you of your liability should your operation result in actual pollution of surface or ground waters or the environment which may be actionable under other laws and/or regulations.

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

Mr. Lee Bauerle
December 13, 1993

Please note that section 3-104 of the regulations requires that "when a plan has been approved, discharges must be consistent with the terms and conditions of the plan". Pursuant to Section 3-107.C. you are required to notify the Director of any facility expansion, production increase,or process modification that would result in any change in the discharge of water quality or volume.

Pursuant to Section 3-109.G.4., this approval is for a period of five years. This approval will expire December 13, 1998 and you should submit an application for renewal in ample time before that date.

The discharge plan application for the Williams Field Services Aztec C.D.P. Compressor Station 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 and a flat rate fee. There is no flat rate fee for compressor stations with less than 1000 horsepower.

The OCD has received your $50 filing fee.

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

Sincerely,

William J. LeMay
Director

WJL/cee
Attachment

xc: Denny Foust, OCD Aztec Office

ATTACHMENT TO THE DISCHARGE PLAN GW-155 APPROVAL
WILLIAMS FIELD SERVICES COMPANY
AZTEC C.D.P. COMPRESSOR STATION
DISCHARGE PLAN REQUIREMENTS
(December 13, 1993)

1. Drum Storage: All drums will be stored on pad and curb type containment.

2. Sump Inspection: Any new sumps or below-grade tanks will incorporate leak detection in their design.

3. Berms: All tanks that contain materials other than freshwater will be bermed to contain one and one-third (1-1/3) the capacity of the largest tank within the berm or one and one-third (1-1/3) the total capacity of all interconnected tanks.

4. Pressure testing: All discharge plan facilities are required to pressure test all underground piping at the time of discharge plan renewal. All new underground piping shall be designed and installed to allow for isolation and pressure testing at 3 psi above normal operating pressure.

5. Spills: All spills and/or leaks will be reported to the OCD district office pursuant to WQCC Rule 1-203 and OCD Rule 116.

WILLIAMS FIELD SERVICES COMPANY
ONE OF THE WILLIAMS COMPANIES
P.O. BOX 58900
SALT LAKE CITY, UTAH 84158-0900
801-583-8800
FAX: (801) 584-6483

October 19, 1993

Mr. Roger Anderson
New Mexico Oil Conservation Division
State Land Office Building
310 Old Santa Fe Trail
Santa Fe, New Mexico 87504

Re: Discharge Plan for Aztec C.D.P. - San Juan County

Dear Mr. Anderson:

Enclosed please find three copies of the Williams Field Services Discharge Plan for the Aztec C.D.P. located in San Juan County, New Mexico.

I have also enclosed a check for $50.00, to cover the application fees for this project.

Williams Field Services' engineering section has not yet received the final engineering drawings. The site plans for the C.D.P. will be submitted to you as soon as they are available.

Your assistance in processing these discharge plans is appreciated.

Sincerely,

H. Lee Bauerle
Environmental Specialist

Attachments

cc: D. Compton, 10309
J. Jackson, MND

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No [redacted] dated 4/19/96,

or cash received on _____ in the amount of $ 740.00

from Williams Field Services

for Aztec CDP GW-155

(Facility Name) (DP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: RC Anderson Date: 5/9/96

Received in ASD by: M. Dugle Date: 5-20-96

Filing Fee X New Facility ___ Renewal X

Modification ___ Other _____

(specify)

Organization Code 521.07 Applicable FY 96

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment ___

WILLIAMS FIELD SERVICES COMPANY
ONE OF THE WILLIAMS COMPANIES

. O. Box 58900
alt Lake City, Utah 84158-0900

Chemical Bank Delaware
1201 Market Street
Wilmington DE 19801

62-26
311

5736-09

DATE	CHECK NO.	NET AMOUNT
04/19/96	[redacted]	740.00

PAY
SEVEN HUNDRED FORTY AND 00/100----------

TO THE ORDER OF

NEW MEXICO DEPARTMENT ENERGY
MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION
2040 S PACHECO
SANTE FE NM 87505

Williams Field Services Company
VICE PRESIDENT
AUTHORIZED REPRESENTATIVE

[redacted]

Williams Field Services Company

2209 NEW MEXICO DEPARTMENT ENERGY [redacted] 04/19/96

INVOICE NUMBER	DESCRIPTION	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
Z765962624	DISCHARGE PLAN GW-	03/27/96	740.00	0.00	740.00
			740.00	0.00	740.00

PLEASE DETACH BEFORE DEPOSITING

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 10/19/93,
or cash received on 11/5/93 in the amount of $ 50.00
from Williams Field Services Company
for Aztec CPP Compressor Station GW-155
(Facility Name) (DP No.)
Submitted by: _____ Date: _____
Submitted to ASD by: Kathie Brown Date: 11/5/93
Received in ASD by: Angie Akin Date: 11/5/93
Filing Fee X New Facility ____ Renewal ____
Modification ____ Other _____
(specify)

Organization Code 521.07 Applicable FY 94

To be deposited in the Water Quality Management Fund.

Full Payment ____ or Annual Increment ____

WILLIAMS FIELD SERVICES COMPANY
ONE OF THE WILLIAMS COMPANIES

P. O. BOX 58900
SALT LAKE CITY, UTAH 84158-0900

CORESTATES BANK OF DELAWARE, N.A.
In cooperation with 1st Interstate Bank

62-22
311

DATE	CHECK NO.	NET AMOUNT
10/19/93	[redacted]	*********50.00

PAY

FIFTY AND 00/100 DOLLARS

TO THE ORDER OF

NEW MEXICO OIL & GAS CONSV COM@
DEPT OF ENERGY & MIN/OIL CON DV
310 OID SANTA FE ROAD
STATE LAND BULDING, ROOM 206
SANTA FE, NM 87501

WILLIAMS FIELD SERVICES COMPANY

VICE PRESIDENT
AUTHORIZED REPRESENTATIVE

[redacted]

District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Departments
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Revised 12/1/95

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

RECEIVED
AUG 27 2003
Environmental Bureau
Oil Conservation Division

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

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

☐ New ☒ Renewed ☐ Modification

1. Type: Angel Peak Compressor Station, Site 2B-3B, Discharge Plan No. GW-154
2. Operator: El Paso Field Services Co.

   Address: 614 Reilly Ave. Farmington, NM 87401

   Contact Person: David Bays Phone (505) 599-2256
3. Location: NE/4 NW/4 Section 8 Township 27 North Range 10 West
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 locaiton of fences, pits, dikes and tanks on the facility. **Submitted with original Discharge Plan application - no modifications**
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste soilds. Average daily quality and daily volume of waste water must be included.
8. Attach a description of current liquid waste and solid waste collection/treatment/disposal systems.
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 inforamtion 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 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: David Bays Title: Principal Environmental Scientist

Signature: David Bays Date: August 21, 2003

EL PASO FIELD SERVICES COMPANY
ANGEL PEAK COMPRESSOR STATION, SITE 2B-3B
DISCHARGE PLAN GW-154 RENEWAL

Prepared for:

New Mexico Oil Conservation Division
August 2003

El Paso Field Services Company
614 Reilly Avenue
Farmington, NM 87401

ANGEL PEAK COMPRESSOR STATION, SITE 2B-3B
DISCHARGE PLAN NUMBER GW-154

This Discharge Plan renewal has been prepared in accordance with Oil Conservation Division Guidelines for the Preparation of Ground Water Discharge Plans at Natural Gas Processing Plants.

1. Type of Operation

El Paso Field Services Company (EPFS) owns and operates a 814 Horsepower (site rated at 753 Horsepower) Caterpillar G3512 reciprocating engine and compressor. The unit compresses approximately 5.1 MMSCFD of natural gas from a low pressure field line (2B-3, 250 psig) to a high pressure line (6D-7, 500 psig). The site is located approximately 16 miles south of Bloomfield, New Mexico.

El Paso Field Services Company is the owner and operator of the compressor facility. The dehydrator located at the facility is operated by Burlington Resources, Inc. ("Burlington").

Major Operational Components:

- a 815 HP compressor
- one outlet triethylene glycol (TEG) dehydrator with regenerator heater and 200 gallon makeup TEG tank.
- one 210 barrel oil storage tank (associated with dehydrator)
- one two phase inlet separator
- one suction scrubber
- one interstage scrubber
- one fuel gas filter
- one 500 gallon lubricating oil makeup tank
- one fin fan cooler
- one 300 gallon waste oil fiberglass reinforced plastic tank
- one 62 barrel fiberglass reinforced plastic dehydrator blowdown tank

2. Operator, Legally Responsible Party and Local Representative

Legally Responsible Party:

Mr. E. Randall West
El Paso Field Services Company
4 Greenway Plaza
Houston, TX 77046
(832) 676-5410

Environmental Manager:

Mr. Douglas Jordan
El Paso Field Services Company
4 Greenway Plaza
Houston, TX 77046
(832) 676-5454

Operations Manager:

Mr. Bennie Armenta
El Paso Field Services Company
614 Reilly Avenue
Farmington, NM 87401
(505) 599-2232

Dehydrator Operator:

Mr. Ken Johnson
Burlington Resources, Inc.
3535 E. 30th Street
Farmington, NM 87401
(505) 326-8411

3. Location of Facility

The facility is approximately 6 miles south and 7 miles east from Bloomfield, NM, in the NE/4 of the NW/4 (Block C), Section 8, Township 27 North, Range 10 West, San Juan County, New Mexico.

4. Landowner

Mr. Mike Pool
Bureau of Land Management
1235 La Plata Highway
Farmington, NM 87401

5. Facility Description

The facility is a natural gas field compressor. No modifications to the plant equipment or design have been made since the submittal of the original Discharge Plan in 1993.

6. Materials Stored and Used at the Facility

Mobile Pegasus 490 lubricating oil - engine and compressor lubricant
Triethylene glycol - natural gas dehydration
Ambitrol Thermofluid - ethylene glycol based engine coolant/antifreeze

7. Sources, Quantities, and Quality of Effluent and Solid Waste

Inlet Separator

A two phase inlet separator separates the gas and liquids. A mixture of hydrocarbons and water discharges to the inlet of the separator/treater. Approximately 70 to 100 gallons per month will be discharged into the Separator/Treater. The Separator/Treater is part of the outlet dehydrator system. The exact volume of liquids varies depending the quality of the gas.

Compressor

A 815 HP compressor is installed on the site. The compressor is mounted on a steel skid consisting of a built-in compressor pad with a non-permeable tray around the compressor unit to contain spills. The skid will insure containment of drips, spills, and washdown from the unit.

The compressor is installed in such a manner to ensure containment of drips, spills, and washdown water. Any spill of washdown water from cleaning operations will be contained and discharged into a 300 gallon fiberglass reinforced plastic ("fiberglass") tank. The tank is placed in an open pit. The tank rests on a gravel pad at least one inch thick so that the entire tank is exposed to visually detect leaks. The tank is covered with a fiberglass lid.

Washdown Water

The compressor is washed every mouth with 30 gallons to 50 gallons of water. The washdown water is discharged into the 300 gallon fiberglass reinforced plastic tank mentioned above through the skid drain line. A nontoxic, biodegradable cleaner is used to clean the compressor unit.

Engine Lubricating Oil, Used Oil and Used Engine Oil Filters

A 500 gallon elevated lubricating makeup oil tank is located south of the compressor. The tank is bermed to contain one and one third times the volume of tank.

Approximately 115 gallons per month of waste lube oil is generated. This oil is drained into the 300 gallon fiberglass skid drain tank. Waste oil generated by the compressor is hauled from the site and is recycled.

One compressor oil filter is replaced every month. Three engine oil fibers are replaced every month. The engine oil filters are allowed to completely drain prior to disposal at Crouch Mesa Landfill.

Compressor Waste Oil

Approximately 75 gallons per month of waste oil is generated through continuous blowdown from the compressor packing vent drain. The packing vent drain discharges into the 300 gallon fiberglass skid drain tank.

Fuel Gas Scrubber

The fuel is supplied from the compressor discharge line. A fuel gas filter (Y strainer with a valve) is installed at the inlet of the fuel gas line. The volume of liquid from the fuel gas filter is very small. Approximately 1 to 5 gallons per month of a mixture of hydrocarbons and water will discharge into the 300 gallon fiberglass skid drain tank. The volume of liquids will vary depending the quality of the gas.

The fuel gas filter is replaced as needed depending on the quality of the gas. The fuel gas filter is drained of any free of any liquids prior to disposal at Crouch Mesa landfill.

Engine Cooling Water

A 35 gallon cooling water surge tank is located on the skid mounted compressor package. A mixture of propylene glycol and water is used as cooling water. If it is necessary to drain the cooling water system for maintenance or repairs, the cooling water is drained into steel drums or a small portable tank. After maintenance repairs the cooling water is placed back into the cooling system.

Suction and Interstage Scrubber

A suction scrubber and an interstage scrubber are mounted on the compressor skid. Both scrubbers remove natural gas liquids. Approximately 10 to 30 gallons of waste water per month is generated by the scrubbers. This waste water is discharge to the inlet of the three phase separator/treater (the separator/treater is part of the dehydrator system). The volume of liquids will vary depending the quality of the gas.

Outlet Dehydrator

The dehydration portion of the facility is operated by Burlington. The dehydrator is skid mounted and located to west of the compressor. The dehydrator consists of a filter separator, separator/treater, absorber, and regenerator. The dehydrator area is bermed. There are four 2 inch drain lines and one oil dump line from the dehydrator system.

The four drain lines discharge into a 62 barrel fiberglass tank. The tank is placed in an open pit on a 6 inch high steel support frame so that the entire tank is elevated to allow visual leak detection. The tank is covered with a lid.

A 200 gallon elevated triethylene glycol makeup tank is located west of the dehydrator. The tank is bermed to contain one and one third times the volume of tank.

The four drain lines are described below:

Regenerator - Triethylene Glycol (TEG) Overflow Line - This line contains small quantities of TEG and water. Under normal operating conditions, there should be no discharge from this line. On occasion, due to mechanical problems, there may be a small amount of TEG and water discharged from this line into the 62 barrel fiberglass tank.

Regenerator - Steam Vent Line from Still Column - This line contains water, trace quantities of TEG and trace quantities of hydrocarbons. Less than one barrel per day will be discharged from this line into the 62 barrel fiberglass tank.

Separator/Treater - Produced Water - This line contains produced water, trace amounts of hydrocarbons and trace amounts of TEG. Approximately 2 barrels per day discharge into the 62 barrel fiberglass tank.

Separator/Treater - Backpressure Regulator Vent Line - This line contains produced water, trace amounts of hydrocarbons and trace amounts of TEG. It is estimated that approximately 2 barrels per day will discharge into the 62 barrel fiberglass tank.

A total of approximately 1 to 2 barrels per day discharge into a 210 barrel above ground oil storage tank from the Separator/Treater oil dump line. The 210 barrel tank ins located within an earthen berm sized to contain one and one third times the volume of the tank.

8. Collection, Treatment, and Disposal Systems

A. Summary Information

Source	Onsite Collection Point
Inlet Separator:	Separator/Treater
Compressor:	
Washdown Water	300 gallon fiberglass tank
Lubricating Oil Makeup	500 gallon aboveground storage tank
Waste Lube Oil	300 gallon fiberglass tank
Engine Oil Filters	55 gallon drum
Packing Vent Waste Oil	300 gallon fiberglass tank
Engine Cooling Water	Drums/Portable Tank
Suction and	
Interstage Scrubber	Separator/Treater
Fuel Gas Filter Strainer	300 gallon fiberglass tank
Fuel Gas Filter Element	Drum
Outlet Dehydrator:	
Separator/Treater(Water)	62 BBL fiberglass tank
Separator/Treater(Oil)	210 BBL above ground steel tank
Regenerator	62 BBL fiberglass tank
TEG Makeup Tank	200 gallon overhead tank

B. Specifications

Pipelines - All wastewater piping to the 300 gallon fiberglass and 62 barrel fiberglass are above ground and not pressurized. The suction scrubber and interstage scrubber discharge piping are below ground and pressurized to a maximum of 250 psig.

The piping from the inlet separator to the separator/treater is above ground. The normal operating pressure is 50 psig.

A portion of the wastewater piping from the outlet dehydrator separator/treater is below ground and a portion is aboveground. The drain lines to the 62 barrel fiberglass tank are above ground and are not pressurized. The oil dump line from the Separator/Treater is below ground and normal operating pressure is 30 psig.

C. Fluids Disposal and Storage Tanks

The hydrocarbons from the 300 gallon fiberglass, 62 barrel fiberglass, and 210 barrel above ground steel storage tank will be recycled. The water fraction from the three tanks will be transported to the EPFS Kutz Hydrocarbon Recovery Facility for treatment and disposal. Additional information is provided in the Effluent Disposal Section below.

D. Prevention of Unintentional and Inadvertent Discharges

All storage tanks for fluids other than fresh water are bermed to contain a volume one and one third more that the tank contents. All above ground tanks are placed on a gravel pad or placed on an elevated stand so that leaks can be visually detected.

There will be no chemical or drum storage area. Drums utilized to contain engine cooling water, or waste oil will be removed from the site at the end of each working day.

E. Underground Pipelines

All underground wastewater piping will be hydrostatically tested at a minimum of three pounds over operating pressure for a minimum of four hours.

Offsite Disposal:

All liquids from this site are handled in accordance with NMOCD and NMED regulations. Liquids from this site are expected to be discharged into two fiberglass tanks and one steel tank. All liquids will be removed from the site by either EPFS or Burlington. All liquids will be recycled if possible.

Hauling Agent **Three Rivers Trucking**
603 E. Murray Drive
Farmington, NM 87401

Oily waste water is transported to the EPFS Kutz Hydrocarbon Recovery Facility located on County Road 4900, east of U. S. Highway 544. Produced water is transported to the Basin Disposal salt water injection well located at 6 County Road 5046 in Bloomfield.

Burlington is responsible for liquids disposal from the 62 barrel fiberglass tank and 210 barrel oil storage tank.

Oil Hauling Agent:	**Giant Oil Transportation Inc.** **4551 Heffera Road** **Bloomfield, NM 87413**		
Oil Final Disposal:	**Giant Refinery** **89 Road 4990** **Bloomfield, NM 87413**		
Water Hauling Agent:	Three Rivers Trucking 603 E. Murray Drive Farmington, NM 87402	or	Triple S Trucking 816 S. Main Aztec, NM 87410
Water Final Disposal:	McGrath salt Water Disposal Well Block B, Sec. 34, T34N, R12W		

9. Proposed Modifcations

There are no modifications planned to any facility collection, treatment, or disposal systems.

10. Inspection, Maintenance and Reporting

The site is visited on a daily basis by EPFS employees. Each day the compressor and the 300 gallon fiberglass tank will be inspected for any leaks.

The dehydrator site is visited regularly by Burlington employees. Burlington will inspect the inlet separator, filter separator, separator/treater, absorber, and regenerator, 62 barrel fiberglass tank, and 210 barrel steel tank for any leaks or spills.

11. Spill/Leak Prevention and Reporting (Contingency Plans)

The compressor site is graded and bermed so that precipitation and runoff does not cause water to enter or leave the process areas.

The dehydrator process area are bermed so that precipitation and runoff does not cause water to leave the process area. The compressor area is equipped with a skid so that any leaks or spills are contained. In addition, the 500 gallon lube oil storage tank, 210 barrel oil storage tank, and the 200 gallon TEG make-up tank are bermed.

The 300 gallon fiberglass tank and 62 Barrel fiberglass tank are set according to OCD guidelines so that the entire tank is exposed to visually detect leaks.

Since the site is visited on a regular basis, any leaks, spills, and or drips will be identified. Regularly scheduled maintenance procedures will also help to assure that the equipment remains functional and thus the possibility of spills or leaks is further minimized.

Leaks, spills, and drips will be handled in accordance with OCD Rule 116 as follows:

Small spills will be raked out in place to allow for natural bio-remediation of the spilled material.

Large spills will be contained with temporary berms. Free liquids will pumped out by a vacuum truck. Any hydrocarbon liquids will be recycled. Residue from large spills will be cleaned up for off site disposal. If the soil is an "exempt" waste, the soil will be disposed at Envirotech or other OCD approved landfarm facility. If the soil is an "nonexempt" waste the soil will be characterized and disposed according to the analysis results.

Verbal and written notification of leaks or spills will be made to OCD in accordance with Rule 116.

All areas identified during operation as susceptible to leaks or spills win be bermed or otherwise contained to prevent the discharge of effluents.

EPFS personnel will carry oil absorbent booms in their trucks. The booms will be used as needed to contain any spills or leaks. The booms will be disposed according to OCD and NMED guidelines.

12. Site Geological/Hydrological Characteristics

Compressor Site 2B-3B is located in the San Juan River drainage basin, and within the west central portion of the San Juan structural basin. Topographic relief within 1 mile of 2B-3B is about 345 feet with elevations from 5800 to 6145 feet above sea level.

The area around the site is characterized by badlands topography, where numerous arroyos dissect easily eroded sandstone, mudstone and shale mesas. The average annual precipitation is between 6 to 10 inches. This area supports native grasses and small shrubs.

GEOMORPHOLOGY AND SOILS

Site 2B-3B is situated at the top of a gently sloping mesa. The surface slopes about 5 percent from the highest point, 6080 feet at the compressor site to 6000 feet off to the west of the site. Major soil associations in the area of the compressor site include the Badland series and Doak-Sheppard-Shiprock Association (USSCS, 1977). The Badland unit consists of non-stony, barren shale uplands dissected by deep intermittent drainageways and gullies. The Doak-Sheppard-Shiprock Association soil is deep and well drained. It formed in alluvium derived dominantly from sandstone and shale. Permeability is moderately slow, and runoff is medium

REGIONAL GEOLOGY

The compressor site are located within the west-central part of the San Juan Basin. The deepest portion of the basin contains up to 15,000 feet of Paleozoic and Mesozoic sediments (Fassett and lends, 1971). Tertiary and Holocene age rocks crop out in the immediate vicinity of the compressor site. The following geologic descriptions examine the different units from the oldest to the youngest.

Ojo Alamo Beneath the plant the Paleocene Ojo Alamo Sandstone lies unconformably above the Cretaceous Kirtland Shale (Geologic Map, Table with Mesozoic and Cenozoic Stratigraphy). The Ojo Alamo Sandstone is composed of interbedded sandstone, conglomerate sandstone, and shale. The massive sandstone beds are sheet like and discontinuous, they merge with other sandstone sheets, or wedge out into shale beds. The shale beds maintain relative constant thickness. The unit varies from less than 20 feet to more than 400 feet thick throughout the basin. Channel deposits of 50 or more feet have cut into the base of the underlying Fruitland Formations. The sandstone accumulated in stream channels and the shales in overbank deposits of rivers in a broad, wet alluvial apron.

Nacimiento The Pateocene Nacimiento Formation is conformable with the Ojo Alamo. It is comprised of gray to yellowish and reddish claystone and mudstone beds, interbedded with buff, gray or white lenticular sandstone beds. The clay component is described as "swelling" or "soapy." The formation contains significant amounts of carbonaceous material leaf impressions and coal indicating that it was deposited by streams under more humid conditions than was the Ojo Alamo.

The Nacimiento varies from 400 to 800 feet in thickness and crops out in striking scarp or badlands exposures from the Colorado-New Mexico border southward across the San Juan River then southeastward to the point of Cuba Mesa and northward to the upper Rio Puerco valley north of Cuba.

Thick Quaternary deposits are restricted to the San Juan Animas and La Plata Valleys. Thin deposits are found in some arroyos and thin eolian deposits cap some mesas.

LOCAL GEOLOGY

Site 2B-3B is located on a mesa where Tertiary Nacimiento overlies the Paleocene Ojo Alamo Sandstone. EPNG Angel Peak Water Well No. I is located approximately .5 miles east, in NE/4 Sec. 10, T27N, RI0W. The driller's log for this well reports that 235 feet of sandstone and with minor shale were encountered in the Nacimiento Formation.

HYDROLOGY AND GROUNDWATER QUALITY

A. Regional Groundwater Hydrology and Water Quality

Three major groundwater systems are present in the Cretaceous and younger-age sedimentary deposits of this area of the San Juan Basin (Stone et al 1983):

> "Confined aquifers within Cretaceous and Tertiary sandstone units. Water-table aquifers in Cretaceous and Tertiary sandstone units near their outcrop areas; water-table aquifers in Quaternary alluvium in river valleys and tributaries."

Cretaceous units. Occurrence of groundwater resources associated with the Cretaceous units is a formation of the distribution of sandstone beds within these units. Recharge is dependent upon outcrop distribution, elevation, climate of the outcrop area, lithologic characteristics of the unit and leakage from other units. Hydraulic conductivity is usually low due to the -fine-grained textures characteristic of these sediments.

Groundwater quality in Cretaceous sandstone aquifers is controlled by several factors. Total dissolved solids (TDS) concentrations increase as a function of increasing groundwater residence time and reduced transmissivity of aquifer materials. Fresh water is associated with high transmissivity zones while saline water, is associated with low transmissivity zones. Groundwater moving along the sandstone-shale interfaces common to these rocks tend to exhibit increased TDS concentrations (Stone, et. al., 1983). Water from these confined aquifers is suitable for stock and domestic use in some areas, although in most cases it is not considered a major source.

Tertiary units. Groundwater occurrence in the Tertiary units is associated with the distribution of sandstone beds within these units. Recharge to groundwater is by infiltrafion through formation exposures along the flanks of the Nacimiento Uplift and on the broad plateaus that occur in the central part of the basin. The amount of recharge to Tertiary aquifers is higher than that of Cretaceous aquifers due to broader exposures in areas of high precipitation, Groundwater in these aquifers flows from upland recharge areas to discharge areas along canyon floors. Springs and seeps result due to regional topographic and geomorphic controls. The hydraulic conductivity of the tertiary sandstones varies significantly, as a function of grain size, sorting and cementation. The hydraulic gradient is controlled by topography but the structural attitude of the formations can alter the flow direction.

Tertiary sandstone aquifers have generally lower TDS concentrations than the Cretaceous aquifers (Stone et. al 1983), and commonly provide major sources of water for domestic and agricultural usage. The complex intertonguing of sandstone and shale units is the primary influence on specific conductance, which can be as high as 10,500 μmhos/cm.

Quaternary units. Quaternary age aquifers occur primarily as valley fill in the major river valleys and consist of gravel sand, silt and clay. In arroyos the groundwater quality and quantity is highly variable. Where available, water from this source is used for stock, irrigation and domestic purposes.

B. Local Groundwater Hydrology and Quality

According to topographic maps published by New Mexico Oil Conservation Division to support "Vulnerable Area Order", R-7940-C, compressor 2B-3B is located on a mesa approximately 100 feet above and 1.25 miles east of the expanded vulnerable zone.

The State Engineers Office reports no wells within a one mile radius of compressor site 2B-3B. Twenty nine wells exist within a six mile radius of the plant.

The EPNG Angel Peak Compressor Station is located approximately 0.5 miles east. Here, three wells were drilled by EPNG between 1951 and 1953 and completed at 235 feet in the Nacimiento Formation. Two of these wells produced some water but were later abandoned due to poor water quality. The third well was sanded-in and never completed.

Three wells were drilled at the plant site in 1969. All of these wells were drilled into the Ojo Alamo formation to depths between 946 and 1066 feet. All produced some water, but none were ever completed due to poor water quality.

Stone et al (1983) reports one well within a one mile radius of the compressor site. This well is reported as being located in the Picture Cliffs Formation of Kutz Canyon. This well located at (T-27-N, R-10-W, sec 7), was the Rowley #7 gas well which was purchased by EPNG on 03-13-1964. This well was then converted from a gas well into a water well for the Angel Peak Camp. The water from this well was sufficient to meet the plants needs, except for drilling purposes. On September 9, 1957, the total dissolved solids reported from this well was 1855 ppm. This well is now abandoned because of the poor water quality.

Surface Water Hydrology and Flooding Potential

Compressor 2B-3B is approximately one half mile northwest of the East Fork Wash. The site is approximately 1.5 miles upstream from the confluence with Kutz Canyon. Kutz Canyon drains approximately 200 square miles and discharges into the San Juan River west of Bloomfield. Flooding potential from the San Juan River to the site is negligible because the plant is about 20 miles south of, and well outside of the floodplain of the San Juan River. The potential of flooding at the site is reduced since the site is located on top of a mesa. In addition, the site will be graded and bermed so that precipitation and runoff does not cause water to enter or leave the process areas and thereby reduce the potential of flooding at the site.

13. Closure Plan

All reasonable and necessary measures will be taken to prevent the exceedance of 20 NMAC 6.2-3103 water quality standards should EPFS choose to permanently close the facility. Closure measures will include removal or closure in place of all underground piping and equipment. All tanks will be emptied. No potentially toxic materials or effluents will remain on site. All potential sources of toxic pollutants will be inspected. Should contaminated soil be discovered, any necessary reporting under NMOCD Rule 116 and 20 NMAC 6.2-1203 will be made, and clean-up activities will commence. Postclosure maintenance and monitoring plans would not be necessary unless contamination is encountered.