GW - 212

PERMITS, RENEWALS, & MODS Application

Enterprise Products Operating, GW-212 April 12, 2006 Page 2 of 5

ATTACHMENT TO THE DISCHARGE PERMIT ENTERPRISE PRODUCTS OPERATING, L.P., BALLARD COMPRESSOR STATION (GW-212) DISCHARGE PERMIT APPROVAL CONDITIONS April 12, 2006

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

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

1. Payment of Discharge Plan Fees: All discharge permits are subject to WQCC Regulations. Every billable facility that submits a discharge permit application will be assessed a filing fee of \$100. There is also a renewal flat fee of \$1,700 for gas compressor stations greater than 1,001 horsepower (*see* WQCC Regulation 20.6.2.3114 NMAC).

2. Permit Expiration and Renewal: Pursuant to WQCC Regulation 20.6.2.3109.H.4 NMAC, this permit is valid for a period of five years. This permit will expire on August 24, 2010 and an application for renewal should be submitted no later than 120 days before that expiration date. Pursuant to WQCC Regulation 20.6.2.3106.F NMAC, if an owner/operator 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.

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 February 14, 2006 discharge permit renewal application, including attachments and subsequent amendments and these conditions for approval. Permit applications that reference previously approved plans on file with the division shall be incorporated in this permit and the owner/operator shall abide by all previous commitments of such plans and these conditions for approval.

5. Modifications: WQCC Regulation 20.6.2.3109.G NMAC addresses possible future modifications of a permit. Pursuant to WQCC Regulation 20.6.2.3107.C NMAC, the owner/operator 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. Pursuant to WQCC Regulation 20.6.2.3109.E NMAC, 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.

Enterprise Products Operating, 1 GW-212 April 12, 2006 Page 3 of 5

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. Waste generated during emergency response operations may be stored 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 above ground 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, 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.

Enterprise Products Operating, GW-212 April 12, 2006 Page 4 of 5

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

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

12. Underground Process/Wastewater Lines:

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

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

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

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

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

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

17. Storm Water: The owner/operator shall implement and maintain run-on and runoff plans and controls. The owner/operator shall not discharge any water contaminant that exceeds the WQCC standards specified in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and

Enterprise Products Operating, Lar

GW-212 ' April 12, 2006

Page 5 of 5

Intrastate Streams) including any oil sheen in any storm water 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, or abatement and submit subsequent reports will be a violation of the permit.

20. Additional Site Specific Conditions: N/A

21. Transfer of Discharge Permit: The owner/operator shall notify the OCD prior to any transfer of ownership, control or possession of a facility with an approved discharge permit. The purchaser shall submit a written commitment to comply with the terms and conditions of the previously approved discharge permit and shall seek OCD approval prior to transfer.

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

23. Certification: Certification: Enterprise Products Operating, L.P., by the officer whose signature appears below, accepts this permit and agrees to comply with all submitted commitments, including these terms and conditions contained herein. Enterprise Products Operating, L.P. 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:

Enterprise Products Operating, L.P.

Terry L. Hurlburt

Company Representative- print name

Company Representative- signature

Vice President & General Manager - Operations Title _____April 26, 2006

Date



NEW MEXICO ENERGY, MERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor Joanna Prukop Cabinet Secretary Mark E. Fesmire, P.E. Director Oil Conservation Division

April 12, 2006

Mr. Terry L. Hurlburt Enterprise Products Operating, L.P. P.O. Box 4324 Houston, Texas 77210-4324

Re: Discharge Permit GW-212 Ballard Compressor Station

Dear Mr. Hurlburt:

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 Enterprise Products Operating, L.P. (owner/operator) Ballard Compressor Station GW-212 located in the SE/4 NE/4 of Section 26, Township 26 North, Range 9 West, NMPM, San Juan County, New Mexico, under the conditions specified in the enclosed **Attachment To The Discharge Permit**. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division Santa Fe Office within 30 working days of receipt of this letter including permit fees.**

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

If you have any questions, please contact Ed Martin of my staff at (505-476-3492) or ed.martin@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,

ume lai

Wayne Price Environmental Bureau Chief

Copy: OCD District Office

Enterprise Products Operating, GW-212 April 12, 2006 Page 2 of 5

ATTACHMENT TO THE DISCHARGE PERMIT ENTERPRISE PRODUCTS OPERATING, L.P., BALLARD COMPRESSOR STATION (GW-212) DISCHARGE PERMIT APPROVAL CONDITIONS April 12, 2006

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

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

1. Payment of Discharge Plan Fees: All discharge permits are subject to WQCC Regulations. Every billable facility that submits a discharge permit application will be assessed a filing fee of \$100. There is_also a renewal flat fee of \$1,700 for gas compressor stations greater than 1,001 horsepower (*see* WQCC Regulation 20.6.2.3114 NMAC).

2. Permit Expiration and Renewal: Pursuant to WQCC Regulation 20.6.2.3109.H.4 NMAC, this permit is valid for a period of five years. This permit will expire on August 24, 2010 and an application for renewal should be submitted no later than 120 days before that expiration date. Pursuant to WQCC Regulation 20.6.2.3106.F NMAC, if an owner/operator 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.

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 February 14, 2006 discharge permit renewal application, including attachments and subsequent amendments and these conditions for approval. Permit applications that reference previously approved plans on file with the division shall be incorporated in this permit and the owner/operator shall abide by all previous commitments of such plans and these conditions for approval.

5. Modifications: WQCC Regulation 20.6.2.3109.G NMAC addresses possible future modifications of a permit. Pursuant to WQCC Regulation 20.6.2.3107.C NMAC, the owner/operator 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. Pursuant to WQCC Regulation 20.6.2.3109.E NMAC, the Division Director may require a permit modification if any water quality standard specified at 20.6.2.3103 NMAC is being or will be exceeded, or if a toxic pollutant as defined in WQCC Regulation 20.6.2.7 NMAC is present in ground water at any place of withdrawal for present or reasonably foreseeable future use, or that the Water Quality Standards for Interstate and Intrastate streams as specified in 20.6.4 NMAC are being or may be violated in surface water in New Mexico.

6. Waste Disposal and Storage: The owner/operator shall dispose of all wastes at an OCDapproved facility. Only oil field RCRA-exempt wastes may be disposed of by injection in a Class II well. Enterprise Products Operating, GW-212 April 12, 2006 Page 3 of 5

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. Waste generated during emergency response operations may be stored 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 above ground 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, 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.

Enterprise Products Operating, GW-212 April 12, 2006 Page 4 of 5

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

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

12. Underground Process/Wastewater Lines:

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

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

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

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

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

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

17. Storm Water: The owner/operator shall implement and maintain run-on and runoff plans and controls. The owner/operator shall not discharge any water contaminant that exceeds the WQCC standards specified in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and

Enterprise Products Operating, UP. GW-212 April 12, 2006 Page 5 of 5

Intrastate Streams) including any oil sheen in any storm water 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, or abatement and submit subsequent reports will be a violation of the permit.

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

21. Transfer of Discharge Permit: The owner/operator shall notify the OCD prior to any transfer of ownership, control or possession of a facility with an approved discharge permit. The purchaser shall submit a written commitment to comply with the terms and conditions of the previously approved discharge permit and shall seek OCD approval prior to transfer.

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

23. Certification: Certification: Enterprise Products Operating, L.P., by the officer whose signature appears below, accepts this permit and agrees to comply with all submitted commitments, including these terms and conditions contained herein. Enterprise Products Operating, L.P. 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:

Enterprise Products Operating, L.P.

Company Representative- print name

Company Representative- signature

Title

Date

ACKNOWLEDGEMENT OF RECEIPT OF CHECX/CASH

| I hereby acknowledge receipt of check No. | / |
|--|------------|
| or cash received on in the ansure of the co | <u>0</u> 6 |
| from Enterprise Products Operations | |
| for Ballard Courses styling | |
| Submitted by: Autor (CP Frederic GW-Z/Z | |
| Submitted to ASD by: Augurt Augurt Submitted to ASD by: | Mitstyn |
| Received in ASD by: | - |
| Filing Fee New Facility Porces | - |
| Modification Other | |
| (appendy) | |
| Organization Code 521.07 Applicable FY 2004 | |
| To be deposited in the Water Quality Man | |
| The second secon | |
| Full Payment or Annual Increment | |
| | |
| | |
| | |
| THE FACE OF THIS DOCUMENT CONTAINS SECURITY PRINTING. | |
| BANK ONE, NA 56-1544/441 | 9) 1 |
| POBOX 4324 HOUSTON TEXAS 77210 | |
| | |
| | |
| undred And No/100 Dollars | |
| | e. Ja |
| REGULAR ACCOUNT VOID AFTER 180 DAYS | • • |
| RDER OF STATE OF NEW MEXICO | |
| SANTA FE, NM 87505 | |
| GID-188 GW-ZIZ GW-ZII GW209 | |
| GW-189 GW-186 | |
| | |
| | |

11

T

ATTACHMENT TO THE DISCHARGE PLAN RENEWAL GW-212 EL PASO FIELD SERVICES CO. BALLARD COMPRESSOR STATION DISCHARGE PLAN APPROVAL CONDITIONS October 27, 2000

1. <u>Payment of Discharge Plan Fees:</u> The \$50.00 filing fee has been received by the OCD. There is a required flat fee equal to one-half of the original flat fee for natural gas compressor stations with horsepower rating greater than 3000 horsepower. The renewal flat fee required for this facility is \$690.00 which may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan, with the first payment due upon receipt of this approval. The filing fee is payable at the time of application and is due upon receipt of this approval. Please make all checks payable to:

Water Quality Management Fund c/o Oil Conservation Division 2040 South Pacheco Santa Fe, New Mexico 87505

- 2. <u>Commitments:</u> El Paso Field Services Co. will abide by all commitments submitted in the discharge plan renewal application letter dated August 17, 2000 and these conditions for approval.
- 3. <u>Waste Disposal</u>: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste determination per 40 CFR Part 261. Any waste stream that is not listed in the discharge plan will be approved by OCD on a case-by-case basis.
- 4. <u>Drum Storage:</u> All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
- 5. <u>Process Areas:</u> All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design. During the NMOCD inspection prior to renewal of the Discharge Plan, it was observed

that oil was leaking from the compressor and flowing onto the ground. A plan for correcting this problem, thereby preventing future contamination, must be submitted to the NMOCD no later than December 31, 2000.

- 6. <u>Above Ground Tanks</u>: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.
- 7. <u>Above Ground Saddle Tanks</u>: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
- 8. <u>Labeling</u>: All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.
- 9. <u>Below Grade Tanks/Sumps:</u> All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.
- 10. <u>Underground Process/Wastewater Lines:</u> All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity every five (5) years. 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. <u>Class V Wells</u>: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.

- 12. <u>Housekeeping:</u> All systems designed for spill collection/prevention will be inspected 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. <u>Spill Reporting:</u> All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec District Office.
- 14. <u>Transfer of Discharge Plan:</u> The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.
- 15. <u>Storm Water Plan</u>: The facility will have an approved storm water run-off plan by December 31, 2000
- 16. <u>Closure</u>: The OCD will be notified when operations of the Ballard Compressor Station are discontinued for a period in excess of six months. Prior to closure of the Ballard Compressor Station, the Director will submit a closure plan for approval. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.
- 17. <u>Conditions accepted by:</u> El Paso Field Services Co., by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. El Paso Field Services Co. 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.

Print Name: Kon Sipe Signature: ~ Title: <u>Central Complex Manager</u> Date: <u>Oct. 31, 2000</u>

El Paso Field Services Co.



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON Governor Jennifer A. Salisbury Cabinet Secretary Lori Wrotenbery Director Oil Conservation Division

October 27, 2000

CERTIFIED MAIL RETURN RECEIPT NO. 3771-6906

Mr. David Bays El Paso Field Services Co. 614 Reilly Ave. Farmington, New Mexico 87401

RE: Discharge Plan Renewal GW-212 El Paso Field Services Co. Ballard Compressor Station San Juan County, New Mexico

Dear Mr. Bays

The ground water discharge plan renewal GW-212 for the El Paso Field Services Co. Ballard Compressor Station located in the SE/4 NE/4 of Section 26, Township 26 North, Range 9 West, NMPM, San Juan County, New Mexico, is hereby approved under the conditions contained in the enclosed attachment. Enclosed are two copies of the conditions of approval. Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe office within 10 working days of receipt of this letter.

The original discharge plan application was submitted on July 5, 1995 and approved August 24, 1995. The discharge plan renewal application letter, dated August 17, 2000, submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations also includes all earlier applications and all conditions later placed on those approvals. The discharge plan is renewed pursuant to Section 3109.C. Please note Section 3109.G, which provides for possible future amendment of the plan. Please be advised that approval of this plan does not relieve El Paso Field Services Co. of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does it relieve El Paso Field Services of its responsibility to comply with any other governmental authority's rules and regulations.

Please be advised that all exposed pits, including lined pits and open 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, El Paso Field Services Co. is required to notify the Director of any facility expansion, production increase or process modification that would result in any change in the discharge of water quality or volume.

Pursuant to Section 3109.H.4, this renewal plan is for a period of five years. This renewal will expire on August 24, 2005, and El Paso Field Services Co. 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.

The discharge plan renewal application for the El Paso Field Services Co. Ballard Compressor Station is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan application will be assessed a fee equal to the filing fee of \$50.00. There is a renewal flat fee assessed for gas compressor station facilities with horsepower rating greater than 3000 horsepower equal to one-half of the original flat fee or \$690.00. The OCD has received the filing fee.

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/eem Attachment

cc: OCD Aztec Office

| | U S Postal Servi CEBLIFIED V (Domestic Mail | ALURECEI Önly: No Inst | | in te se Li te se Secenciade | 1 () |
|------|--|---|-----------------------------------|------------------------------------|---------|
| 6906 | | | - 599-201 (1999 | | |
| J77L | Postage Certified Fee | \$ 007 | ANTE - | | м М |
| 0021 | Return Fedelipt Fee (Endorsement(Required) Restricted Delivery Fee (Endorsement(Required) | 27 20 | FEM | Postmark Here | 14-2 |
| 520 | Total Postage & Fees. | \$3 705 | <u>%/</u> | | د ق |
| 2000 | MR. DAVIC Street, Apt. No.; or POI 6 14 REIL City, State, ZIP+4 EARMINGTON POTON | Rease Prim Clear 30x No. 4 <u>y</u> Av. | 1y) (To be comp 90 E1 87401 | leted by maller) 2,5,5 | |
| | ACRONAL TRANSPORT | BYZAUU | See Reve | rse for Instruct | ions |

ATTACHMENT TO THE DISCHARGE PLAN RENEWAL GW-212 EL PASO FIELD SERVICES CO. BALLARD COMPRESSOR STATION DISCHARGE PLAN APPROVAL CONDITIONS October 27, 2000

1. <u>Payment of Discharge Plan Fees:</u> The \$50.00 filing fee has been received by the OCD. There is a required flat fee equal to one-half of the original flat fee for natural gas compressor stations with horsepower rating greater than 3000 horsepower. The renewal flat fee required for this facility is \$690.00 which may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan, with the first payment due upon receipt of this approval. The filing fee is payable at the time of application and is due upon receipt of this approval. Please make all checks payable to:

Water Quality Management Fund c/o Oil Conservation Division 2040 South Pacheco Santa Fe, New Mexico 87505

- 2. <u>Commitments:</u> El Paso Field Services Co. will abide by all commitments submitted in the discharge plan renewal application letter dated August 17, 2000 and these conditions for approval.
- 3. <u>Waste Disposal</u>: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste determination per 40 CFR Part 261. Any waste stream that is not listed in the discharge plan will be approved by OCD on a case-by-case basis.
- 4. <u>Drum Storage:</u> All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
- 5. <u>Process Areas:</u> All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design. During the NMOCD inspection prior to renewal of the Discharge Plan, it was observed



that oil was leaking from the compressor and flowing onto the ground. A plan for correcting this problem, thereby preventing future contamination, must be submitted to the NMOCD no later than December 31, 2000.

- 6. <u>Above Ground Tanks</u>: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.
- 7. <u>Above Ground Saddle Tanks</u>: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
- 8. <u>Labeling:</u> All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.
- 9. <u>Below Grade Tanks/Sumps:</u> All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.
- 10. <u>Underground Process/Wastewater Lines:</u> All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity every five (5) years. 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. <u>Class V Wells</u>: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.





- 12. <u>Housekeeping:</u> All systems designed for spill collection/prevention will be inspected 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. <u>Spill Reporting:</u> All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec District Office.
- 14. <u>Transfer of Discharge Plan:</u> The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.
- 15. <u>Storm Water Plan:</u> The facility will have an approved storm water run-off plan by December 31, 2000
- 16. <u>Closure</u>: The OCD will be notified when operations of the Ballard Compressor Station are discontinued for a period in excess of six months. Prior to closure of the Ballard Compressor Station, the Director will submit a closure plan for approval. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.
- 17. <u>Conditions accepted by:</u> El Paso Field Services Co., by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. El Paso Field Services Co. 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.

El Paso Field Services Co.

| Print Name: | | |
|-------------|------|---|
| Signature: | | _ |
| Title: | | |
| Date: | | |

ACXNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

ه ۱۰۰ د

| | or cash received on $S/$. | 31/00 | in the a | mount of a | 50.00 |
|--|--|---|---|------------|---|
| | from <u>EL Paso Field</u> | SERV | TCES | | |
| | for BALLARD C.S. | | | | 727 - |
| | Submitted by: | | 3 | Data: | ie.) |
| | Submitted to ASD by: ED | MAR | Tin | | 11/00 |
| | Received in ASD by: | | | Date: | |
| | Filing Fee 🦯 New | w Facil | ity Rem | newal | |
| | Modification | Other | | | - |
| | Organization Code <u>521.0</u> To be deposited in the Wa Full Payment <u>6</u> | o 7 ater Qua or Annu | Applicat ality Manager ual Increment | ent Fund. | 2001 |
| IEFACE OF II EL PASO 1001 Louisia | Organization Code <u>52/.0</u> To be deposited in the Wa Full Payment <u>6</u> HSTOCUMENT HASPABILUE BACKGROUND AND FIELD SERVICES COMPANY | o 7 Ater Qua or Annu Michophini | Applicat ality Manager ual Increment <u>NGHHEREISANARTIEC</u> CITIBANK One Penn's Way | ent Fund. | |
| IEFACE OF TI EL PASO 1001 Louisia Houston, TX | Organization Code <u>52/.0</u> To be deposited in the Wa Full Payment <u>6</u> HISTOCUMENT HASPACIUS BACKGROUND AND FIELD SERVICES COMPANY INA 77002 | o 7 ater Qua or Annu MIGROPRINH | Applicat ality Manager ual Increment CITIBANK One Penn's Way New Castle, DE 19720 | ent Fund. | |
| IEFACEOFII EL PASO 1001 Louisia Houston, TX | Organization Code <u>52/.0</u> To be deposited in the Wa Full Payment <u>6</u> HEIDOCUMENTHASPACETUREACKGROUNDAND FIELD SERVICES COMPANY Ina 77002 | 27 ater Qua or Annu Michophinu Date | Applicat ality Manager ual Increment CITIBANK One Penn's Way New Castle, DE 19720 62-20/311 08/29/2000 | Pay Amount | ON THE DEVEDSE \$50.00*** |
| EL PASO 1001 Louisia Houston, TX | Organization Code <u>52/.0</u> To be deposited in the Wa Full Payment <u>6</u> HISTOCUMENTHASPACIULE ACKGROUND AND FIELD SERVICES COMPANY INA 77002 | Date | Applicat ality Manager ual Increment CITIBANK One Penn's Way New Castle, DE 19720 62-20/311 08/29/2000 | Pay Amount | ON THE DEVEDSE \$50.00*** Void After One Year |

| Check Date: 08/29/ | /2000 | EL PASO FIELD Refer Payment I | SERVICES COMPA Inquires to (713) 420-5719 | NY Check No. | 01047266 |
|----------------------------|--------------|----------------------------------|--|---------------------------|-----------------|
| Invoice Number | Invoice Date | Voucher ID | Gross Amount | Discount Available | Paid Amount |
| DISCHG PLT 212 | 08/17/2000 | 00087857 | 50.00 | 0.00 | 50.00 |
| Vendor Number 000000858 | NEW ME | Vendor Name XICO OIL CONSE | RVATION | Total Discounts \$0.00 | |
| Check Number | Date | | Total Amount | Discounts Taken | Total Paid Amou |
| | 08/29/2000 | | \$ 50.00 | 0.00 | \$50.00 |

EW MEXICO ENVIRONMENT DEPARTMEN REVENUE TRANSMITTAL FORM

| | Description | FUND | CES | DFA ORG | DFA ACCT | ED ORG | ED ACCT | |
|--------------|--|-------------|----------|-------------|-------------|-----------|------------|---|
| | CV Beimburgement Breist Tay | 064 | 01 | | | | | 1 |
| | | DEA | 01 | | 2329 | 900000 | 2329134 | 2 |
| 3- | Gross Receipt Tax | 092 | 13 | 1300 | 1896 | 900000 | 4169134 | 3 |
| <u> </u> | | 248 | 14 | 1400 | 9696 | 900000 | 4969014 | 4 |
| 4- | PRP Prepayments | 240 | 14 | 1400 | 9696 | 900000 | 4989015 | 5 |
| 2- | Climax Chemical CD. | 240 | 14 | 1400 | 9696 | 800000 | 4969248 | 8 |
| Щ. Ц | | 290 | 70 70 | 2700 | 1696 | 900000 | 4169027 | 7 |
| <u>_</u> | | 330 | 27 | 2700 | 1898 | 900000 | 4169339 | 8 |
| _×~ | Mater Quello Oil Conservation Division | 341 | 29 | 2100 | 2329 | 900000 | 2329029 | 10 |
| 14- | | 341 | 29 | 2900 | 1696 | 900000 | 4169029 | 150.00 11 |
| 11- | Air Quality Bormits | 631 | 31 | 2500 | 1696 | 900000 | 4169031 | 12 |
| 14 - | | 851 | 33 | | 2919 | 900000 | 2919033 | 13 |
| +14 | | 662 | 34 | | 2349 | 900000 | 2349001 | •14 |
| 45 | Actual Water Penalties | 662 | 34 | | 2349 | 900000 | 2349002 | 15 |
| 10- | | 652 | 34 | | 2349 | 900000 | 2439003 | 16 |
| | Als Ounlifus Bonalting | 652 | 34 | | 2349 | 900000 | 2349004 | 17 |
| 1 <u>-</u> | All Quality Periodices | 652 | 34 | | 2348 | 800000 | 2349005 | 18 |
| (° | OGHA Fenaliss Orior Yoor Bolmburt ament | 657 | 34 | | 2349 | 800000 | 2349006 | 10 |
| 18_ | Prior real Relationsement | 852 | 34 | | 2349 | 900000 | 2349009 | 20 |
| <u> </u> | | 852 | 34 | | 2349 | 900000 | 2349012 | 21 |
| 21- | Outy_Duty OV Baimhumamanta (Le. talanhare) | 657 | 34 | | 2349 | 900000 | 2349014 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |
| <u>-</u> | Cf (comparisements (i.e. tereprone) | 792 | 24 | 2500 | 0896 | 900000 | 4969201 | |
| -23 | UGT Uwhers List | 783 | 24 | 2500 | 9696 | 8000000 | 4969202 | *24 |
| *24 _ | | 783 | 24 24 | 2500 | 9696 | 900000 | 4989203 | +25 |
| *20 _ | LIST Owner's Undeta | 783 | 24 | 2500 | 9696 | 900000 | 4969205 | •28 |
| 400 - | Ugit Owner's Opdate | 792 | 24 | 2500 | GROR | 900000 | 4969207 | *28 |
| -20 | | 700 | 24 | 2500 | 0000 | 000000 | 4969208 | *29 |
| - <u>2</u> 9 | | 793 | 24 | 2500 | 9896 | 900000 | 4989211 | +30 |
| -30 | Superturio CERLIO LISC | 703 | 27 | 2500 | 0606 | 900000 | 4969213 | 31 |
| 31_ | | 783 | 24 | 2500 | 08080 | 900000 | 4969214 | 32 |
| .32 - | Smoking School | 703 | 24 | 2500 | 0808 | 000000 | 4060222 | *33 |
| ~33 +04 | | 703 | 24 | 2500 | 0000 | 900000 | 4969228 | +34 |
| -34 | Radiation Licensing Regulation | 792 | 24 | 2500 | 0606 | 900000 | 4969220 | *35 |
| -30 | Sale of Equipment | 70J 793 | 24 | 2500 | 08080 | 200000 | 4969302 | *36 |
| -30 - | | 700 | 24 | 2800 | CAGA | 900000 | 4080814 | **37 |
| -31 | | 703 | 27 | 2000 | 20200 | 200000 | 4989815 | **39 |
| *38 _ | Lust Repayments | 703 | 24 | 2500 | 0808 | 900000 | 4969801 | 30 |
| 39 - | | 782 | 24 | 2500 | 0608 | 000000 | 4080242 | 40 |
| 40- | CAUR Ress Drive Ruigusy - CAP | 783 057 | 27 | 2000 | 1808 | 800000 | 4164032 | 40 |
| 41- | Criterg, mazeruous vegste Fendrices NOV | 007 | 04 | 0000 | 1808 | 900000 | 4169005 | A7 |
| 4Z - | | 991 990 | 20 | 3400 | 1606 | 900000 | 4189020 | |
| 44 - | USLF#IIIILFCC3 | 909 | 20 | 3100 | 1808 | 000000 | 4180021 | |
| 40- | VOI (G)A (I)Stallers (1968 | 90 9 | 20 | 200 | 1000 | 000000 | 4160021 | 40 |
| 40 - | | 441 | 20 | X000 | 1000 | 9000QU | | 42 |
| 43 | | | | | | | | |

" Gross Receipt Tax Required

** Site Name & Project Code Required

TOTAL 150.00

Contact Person: Received in ASD By:

FSB025 Revised 07/07/00



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

November 22, 1996

CERTIFIED MAIL RETURN RECEIPT NO. P-288-258-705

Mr. David Bays El Paso Field Services (EPFS) P.O. Box 4990 Farmington, NM 87499

RE: Closure Inspections - Old Ballard, Old Largo, and Old Lindrith Compressors San Juan and Rio Arriba County, New Mexico

Dear Mr. Bays:

The OCD in letters dated September 26, 1996 approved of the closure plans for each of the above captioned facilities with the following condition:

The NMOCD Santa Fe Division Office upon site inspection of this closure may require additional clean-up. (From September 26, 1996 approval letters from OCD.)

The OCD on Thursday, October 24, 1996 inspected the sites captioned above, and based on the walk through inspection at each the closure(s) site(s) appear to meet OCD standards.

Please be advised that OCD approval of the closure(s) for these facilities does not relieve EPFS from liability should it latter be found that contamination exists at the one of the sites. Further, OCD approval does not relieve EPFS from compliance with other federal, state, or local rules and regulations that may apply.

Sincerely.

Patricio W. Sanchez, Petroleum Engineering Specialist Environmental Bureau-OCD

xc: Denny Foust, OCD Aztec Office

P 288 258 705

| | US Postal Service Receipt for Cer No Insurance Coverage Do not use for Internation Sent to EPPG- M Street & Number CIGMTC 1 Post Office, State, & ZIP Coc QL LANDO QL Postage Jr: H - | tified Mail Provided. nal Mail (See reverse) BAYS Specification B Bulling Old |
|-----------|--|--|
| | Certified Fee | |
| | Special Delivery Fee | |
| | Restricted Delivery Fee | |
| 1995 | Return Receipt Showing to Whom & Date Delivered | |
| April | Return Receipt Showing to Whom, Date, & Addressee's Address | |
| 800, | TOTAL Postage & Fees | \$ |
| PS Form 3 | Postmark or Date | |



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

September 26, 1996

CERTIFIED MAIL RETURN RECEIPT NO. P-288-258-640

Mr. David Bays EPFS P.O. Box 4990 Farmington, NM 87499

RE: Closure Approval Old Ballard Compressor Station San Juan County, New Mexico

Dear Mr. Bays:

- The OCD has received the closure plan report dated September 4, 1996 for the old "Ballard" compressor station located in Section 26, Township 26 North, Range 9 West, NMPM, San Juan County, New Mexico. Upon review of this report the closure of the old "Ballard" Compressor station is hereby approved with the following condition:
 - The NMOCD Santa Fe Division Office upon site inspection of this closure may require additional clean-up.

Please be advised that OCD approval of the closure for this facility does not relieve EPFS from liability should it latter be found that contamination exists at the "Old Ballard" site. Further, OCD approval does not relieve EPFS from compliance with other Federal, State, or Local rules and regulations that may apply.

Sincerely,

xc: Denny Foust, OCD Aztec Office

P 288 258 640

| | US Postal Service Receipt for Cer No Insurance Coverage Do not use for Internation Sent to Pay 6 - E Street & Number Post Office, State, & ZIP Coc CLOSU | tified Mail Provided. Mail (See reverse) PFS CU. |
|-----------|--|--|
| | Postage | \$ |
| | Certified Fee | |
| | Special Delivery Fee | |
| <u>د</u> | Restricted Delivery Fee | |
| 199 | Return Receipt Showing to Whom & Date Delivered | |
| April | Return Receipt Showing to Whom, Date, & Addressee's Address | |
| 800 | TOTAL Postage & Fees | \$ |
| PS Form 3 | Postmark or Date | |

t

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

dated 9/1-1/95 I hereby acknowledge receipt of check No. or cash received on in the amount of \$ 1386.00 from for TP Na.1 Submitted by: Date: Submitted to ASD by: Date: Received in ASD by: UN0 1 mile Date: Filing Fee ____ New Facility X Renewal Modification Other Organization Code <u>521.07</u> Applicable FY 96 To be deposited in the Water Quality Management Fund. Full Payment Xor Annual Increment A OF THE DOCUMENT CHANGES COLOR GRADUALLY AND EVENLY FROM DARK TO HIGHT WITH DARKER P.O. BOX 1492 EL PASO, TX Paso 👘 232 CBD TX 79978 Natural Gas Company 62-20 09/14/95 PAYABLE AT CITIBANK DELAWARE 311 Date A SUBSIDIARY OF CITICORP ONE PENN'S WAY NEW CASTLE, DE 19720 PAY AMOUNT PAY TO THE ORDER OF \$1,380.0. NMED WATER QUALITY MANAGEMENT Void After 1 Year 2040 S PACHECO NM 87505 SANTA FE

| Vendor Numb 01871 | | etach and retain this statement for you O NATURAL GAS COMPA Check Date 09/14/95 | NY REMITTANC | E ADVICE umber |
|---|---|--|--|------------------------------------|
| VOUCHER | INVOICE | | AMOUNT | |
| REFER PAYMEN' VOUCHER NO 000521666 BALLARD PLAN' | NUMBER F INQUIRIES TO A INVOICE NO CKREQ950907 F DISCHARGE PLAN TOTALS | Invoice CCOUNTS PAYABLE (9: GROSS 1,380.00 FLAT FEE 1,380.00 | Discount L5) 541-5354 DISCOUNT .00 .00 | Net NET 1,380.00 1,380.00 |
| 1 | | - | | |
| | | | | |
| : | | | | |
| 1 | | | | |

Į.

12

11 1

- ĭ

NEW MEXICO ENERGY, / [NERALS AND NATURAL I] BOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. Pacheco Santa Fe, New Mexico 87505

August 24, 1995

CERTIFIED MAIL RETURN RECEIPT NO. P-176-012-180

Mr. David Bays El Paso Natural Gas Company P.O. Box 4990 Farmington, New Mexico 87499

Re: Discharge Plan (GW-212) Ballard Compressor Station San Juan County, New Mexico

Dear Mr. Bays:

The groundwater discharge plan GW-212 for the El Paso Natural Gas Company's Ballard Compressor Station located in the SE/4 NE/4 and the NE/4 SE/4 Section 26, Township 26 North, Range 9 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 July 10, 1995.

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.

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.

Mr. David Bays August 24, 1995 Pg. 2

Pursuant to Section 3-109.G.4., this approval is for a period of five years. This approval will expire August 24, 2000 and El Paso Natural Gas Company should submit an application for renewal in ample time before that date.

The discharge plan application for the El Paso Natural Gas Company's Ballard 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. The flat fee for a compressor facility in excess of 3000 horsepower (site rated) is thirteen hundred eighty (1380) dollars.

The OCD has received the fifty dollar filing fee. The flat fee is due upon receipt of this approval. The flat fee for an approved discharge plan may be paid in a single payment due at the time of approval, or in equal installments over the duration of the plan.

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. L Director

WJL/cee Attachment

xc: OCD Aztec Office

ATTACHMENT TO THE DISCHARGE PLAN GW-212 APPROVAL EL PASO NATURAL GAS COMPANY BALLARD COMPRESSOR STATION DISCHARGE PLAN REQUIREMENTS (August 24, 1995)

- 1. <u>Drum Storage:</u> All drums will be stored on pad and curb type containment.
- 2. <u>Sump Inspection:</u> 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 approved by the OCD prior to installation and will incorporate leak detection in their designs.
- 3. <u>Berms:</u> 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. <u>Pressure testing:</u> 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. <u>Spills:</u> All spills and/or leaks will be reported to the OCD district office pursuant to WQCC Rule 1-203 and OCD Rule 116.
- 6. <u>OCD Inspections:</u> Additional requirements may be placed on the facility based upon results from OCD inspections.
- 7. <u>Payment of Discharge Plan Fees:</u> The \$1380.00 flat fee will be paid upon receipt of this approval.

<u>District I</u> - (505) 393-6161 P. O. Box 1980 Hobbs, NM 88241-1980 <u>District 11</u> - (505) 748-1283 811 S. First Artesia, NM 88210 <u>District III</u> - (505) 334-6178 1000 Rio Brazos Road Aztec, NM 87410 <u>District IV</u> - (505) 827-7131

New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division 1220 South Saint Francis Drive Santa Fe, New Mexico 87505 (505) 827-7131 Revised 12/1/95

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

| | <u>GAS P</u> | DISCHARGE I LANTS, REFINE (Refer to OCD G | PLAN APPLI RIES, COMI uidelines for | CATION FC PRESSOR, / | OR SER AND C | VICE COMP RUDE OIL F pleting the a | PANIES, PUMP STATI pplication) | IONS | |
|----------|--|---|---|-------------------------|-----------------|--|--------------------------------------|--------------|------------------|
| | | C New | | Renewed | 1 | | Modification | Gw- | 212 |
| 1. | Туре: | Ballard Compres | ssor Station | | | | | | |
| 2. | Operator: | Enterprise Prod | ucts Operatii | ng, L.P. | | <u></u> | | | |
| | Address: | P.O. Box 4324, | Houston, Te | xas 77210- | 4324 | ·· | | | |
| | Contact Person: | Doug Jordan | | | | | | <u></u> | |
| 3. | Location: | SE/4 NE/4 | Secti | on <u>26</u> | | Township | 26 North | Range | 9 West |
| 4. | Attach the name, t | telephone numbe | r and addres | s of the land | lowner | of the facility | y site. | | |
| 5. | Attach the descrip | tion of the facility | with a diagra | am indicating | g locatio | on of fences | , pits, dikes a | and tanks o | on the facility. |
| 6. | Attach a description | on of all materials | stored or us | ed at the fac | cility. | | | | |
| 7. | Attach a descriptic waste water must | on of present sour be included. | ces of efflue | ent and waste | e solids | s. Average c | laily quality a | ınd daily vo | olume of |
| 8. | Attach a description | on of current liquid | waste and | solid waste o | collectio | on/treatment | /disposal sys | stems. | |
| 9. | Attach a description | on of proposed m | odifications t | o existing co | ollection | n/treatment/c | lisposal syste | ems. | |
| 10. | Attach a routine in | spection and mai | ntenance pla | an to ensure | permit | compliance | | | |
| 11. | Attach a continger | ncy plan for report | ing and clea | in-up of spill | s or rele | eases. | | | |
| 12. | Attach geological/l | hydrological inform | mation for the | e facility. De | epth to | and quality o | of ground wa | ter must be | e included. |
| 13. | Attach a facility clo rules, regulations, | osure plan, and of and/or orders. | her informat | ion as is neo | cessary | to demonst | rate complia | nce with ar | וץ other |
| 14. | CERTIFICATION | | | | | | | | |
| | I hereby certify the and belief. | at the information | submitted w | ith this appli | cation i | s true and co | prrect to the | best of my | knowledge |
| \sim . | | | | | | | | | |

| NO 106 NAME: | Terry,L. Hurlbu | HT | | Vice President & General Manager, Operations |
|--------------|-----------------|------|-------|--|
| Signature: | Leg 1 | Self | Date: | 2/14/06 |

ENTERPRISE FIELD SERVICES, LLC BALLARD COMPRESSION STATION: DISCHARGE PLAN RENEWAL, GW-212

Revised January 2006

Prepared for:

NEW MEXICO OIL CONSERVATION DIVISION

1220 South Saint Francis Drive

Santa Fe, New Mexico 87505

Enterprise Field Services, LLC 614 Reilly Ave. Farmington, NM 87401

Table of Contents

| Item 1: | Type of Operation1 |
|----------|--|
| Item 2: | Operator/Legally Responsible Party and Local Representative1 |
| Item 3: | Location of Facility2 |
| Item 4: | Landowner2 |
| Item 5: | Facility Description2 |
| Item 6: | Materials Stored and Used2 |
| Item 7: | Sources and Quantities of Effluent and Waste Solids |
| Item 8: | Liquid and Solid Waste Collection, Storage, and Disposal4 |
| Item 9: | Proposed Modifications4 |
| Item 10: | Inspection, Maintenance, and Reporting4 |
| Item 11: | Spill Prevention and Reporting Procedures4 |
| Item 12: | Site Characteristics |
| Item 13: | Other Compliance Information |

ł

Item 1: Type of Operation

Indicate the major operational purpose of the facility. If the facility is a compressor station, include the total combined site rated horsepower.

The Ballard Compressor Station compresses approximately 30 MMSCFD of natural gas from low-pressure San Juan Field lines (100 psig design pressure) to an existing line (16" 260 psig design pressure). The site has a total combined site rated horsepower of 6670-HP.

The site includes the following equipment:

- Two 3335-HP Caterpillar 3612 internal combustion engines
- Two (2) two phase inlet separators
- Gas compressor suction scrubber
- Compressor discharge separator-scrubber
- Fuel gas filter/Separator
- 210 bbl hydrocarbon liquids tank/condensate storage tank
- 160 bbl oily water tank
- Two 100 gallon elevated lube oil tanks

The auxiliary equipment and tanks at the compressor site are maintained and operated by Enterprise. Enterprise is responsible for scheduling the hauling and disposing of the waste oil, waste filters, wash down water, condensate, and field liquids generated at the facility.

Item 2: Operator/Legally Responsible Party and Local Representative

Name of operator or legally responsible party and local representative.

| Legally Responsible Party: (operator) | Terry Hurlburt Enterprise Products Operating, L.P. P.O. Box 4324 | |
|--|--|--|
| | Houston, TX 77210 | |
| | (713) 803-8298 | |
| Local Representative: | Joe Velasquez Director, San Juan Operations | |
| | Enterprise Field Services, LLC | |
| | 614 Reilly Ave. | |
| | Farmington, NM 87401 | |
| | (505) 599-2200 | |
| | 24 hour – (800) 203-1347 | |
| Station Operator: | Enterprise Products Operating, L.P. 614 Reilly Ave. | |
| | Farmington, New Mexico 87401 | |
| | (505) 325-2841 | |

Item 3: Location of Facility

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

The facility is located in the SE/4 of the NE/4, and the NE/4 of the SE/4 of Sec. 26, T-26-N, R-9-W, San Juan County, New Mexico. A topographic map is attached. The Ballard Plant is located 7 miles east of Hwy 550 on CR 7425, approximately 31 miles SE of Bloomfield, NM.

Item 4: Landowner

Provide the name, telephone number and the landowner of the facility.

Enterprise Field Services, LLC P. O. Box 4324 Houston, TX 77008 (713) 880-6500

Item 5: Facility Description

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

A plot plan of the facility indicating location of fences, gates, foundations and equipment on the facility is attached. A process flow diagram of the natural gas and wastewater streams is also attached.

Natural gas enters the site from Enterprise's San Juan Field Lines via both underground and above ground piping. The gas passes through the inlet scrubber, the compressor scrubbers, and the fuel/gas separator. The gas then leaves the facility via the transmission line.

The site may be subject to weekly pigging operations. Condensate and produced water from the pigging operations, the scrubbers, and the separators are piped underground to the 210 barrel condensate/produced water tank.

Item 6: Materials Stored and Used

Provide a description of all materials stored and used at the facility

Two single wall, welded steel tanks are used for lube oil. A 100 gallon oil tank is mounted above the compressor engines. The engine/compressor skid includes secondary containment. Liquids collected in this containment are drained to the 160 bbl washwater tank.

| Tanks Contents | Tank Construction Material | Tank Capacity |
|----------------|---------------------------------|---------------|
| Lube Oil | Single wall, welded steel (AST) | 100 gal |
| Lube Oil | Single wall, welded steel (AST) | 100 gal |

Table 1. Raw Materials Stored and Used on Site

Ballard Compressor Site Groundwater Discharge Plan Renewal

Liquid hydrocarbon condensate and produced water from the scrubbers and separators are stored in the 210 barrel tank. Wastewater and precipitation from the compressor skid is stored in the 160 barrel tank. The wash water/precipitation tank is equipped with an inspection port that allows for visual observation between the interstitial space of the double walled tank.

| Tanks Contents | Tank Construction Material | Tank Capacity |
|--|---------------------------------|---------------|
| Hydrocarbon condensate/produced water (exempt) | Single wall, welded steel (AST) | 210 gal |
| Wash water/precipitation (non-exempt) | Single wall, welded steel (AST) | 160 bbls. |

Table 2. Condensate and wastewater storage on site

Item 7: Sources and Quantities of Effluent and Waste Solids

Provide a description of present sources of effluent and waste solids. Average quality and volume of wastewater must be included.

The exempt waste stream consists of condensate and produced water from the scrubbers and separators that flow under pressure to a 210 barrel single wall, welded steel, above ground storage tank. The scrubbers and separators generate approximately 10 barrels of condensate and produced water per month.

The non-exempt waste stream consists of water, oil, coolant, and soaps generated primarily by precipitation and compressor wash down. Wastewater from the compressor skid drains to a partially below grade, double-wall, steel tank. Approximately 7 barrels of nonexempt wastewater is generated per month.

| Source | Туре | Quantity/Mo | Disposition |
|---------------------------------|------------------------|-------------|--------------|
| Gas Separator | Condensate/water | 10 bbls | 210 bbl tank |
| Compressor- Suction Scrubber | Condensate/water | 2 gal | 210 bbl tank |
| Compressor (storm water) | Water/oil/coolant | 2.5 bbl | 160 bbl tank |
| Compressor (wash) | Water/oil/coolant/soap | 4.5 bbl | 160 bbl tank |
| Compressor-Discharge Separator- | Water/oil | 10 gal | 210 bbl tank |
| Scrubber | | | |
| Fuel Gas Filter/Separator | Hydrocarbons/water | 3 gal | 210 bbl tank |

 Table 1. Source, Quantity, and Disposition of Wastewater

Oil and fuel filters are the only solid wastes generated at the site. Approximately four compressor and compressor engine filters are replaced each month. Fuel gas separator filters are replaced as needed.

| Source | Туре | Quantity/Mo | Disposition |
|--------------------|------|-------------|----------------------|
| Compressor | Oil | 1 | Crouch Mesa Landfill |
| Compressor engine | Fuel | 3 | Crouch Mesa Landfill |
| Fuel Gas Separator | Fuel | As needed | Crouch Mesa Landfill |

Table 2. Source, Quantity, and Disposition of Used Filters

Item 8: Liquid and Solid Waste Collection, Storage, and Disposal

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

Enterprise performs no on-site disposal. Enterprise transports wastewater and waste solids to off-site disposal facilities.

Condensate and produced water from the scrubber drain via a pressurized underground lines to a 210 barrel storage tank for exempt waste. Precipitation and wash water from the compressor skid drain via gravity flow to a 160 barrel storage tank for nonexempt wastewater.

The hydrocarbon fraction from the condensate and produced-water tank is transported to the Giant Refinery in Bloomfield, NM for recycling. Triple S Trucking Company of Aztec and/or Industrial Mechanical Inc. of Farmington takes the water fraction of the exempt waste to the Kutz Separator-Blanco Storage facility for additional hydrocarbon recovery and separation. Non-exempt wastewater form wash downs and rainwater events will also be transported to the Kutz Separator-Blanco Storage.

Oil and fuel filters are disposed of in the Crouch Mesa Landfill. Intermittent maintenance activities such as pipeline cleaning (sandblasting) and painting may generate waste streams requiring offsite disposal. The compressor station is unmanned and does not generate domestic or hazardous solid wastes.

Item 9: Proposed Modifications

Provide a description of proposed modifications to existing collection, treatment, and disposal systems.

Currently, Enterprise has no planned modifications for this site.

Item 10: Inspection, Maintenance, and Reporting

Provide a routine inspection and maintenance plan to ensure permit compliance

Material storage tanks are within berms that contain a volume one-third more than the tank contents. Aboveground storage tanks are on gravel pads or placed on an elevated stand so leaks can be visually detected.

Enterprise employees visit the site on a regular basis. The compressor, related equipment, the storage tanks, and berms are inspected for leaks and spills.

Underground piping carrying waste liquids are hydrostatically tested at a minimum of three pounds over operating pressure every five years.

Item 11: Spill Prevention and Reporting Procedures

Provide a contingency plan for reporting and clean-up of spills or releases.

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

The 210 barrel tank is set according to OCD guidelines so that the entire tank is exposed to visually detect leaks.

Since Enterprise personnel visit the site on a regular basis, any leaks spills, and or drips will be identified. Regular scheduled maintenance procedures will also help to assure that the equipment remains functional and thus the possibility of spills or leaks is further minimized. The inspectors will notify Enterprise Environmental upon discovery of any leaks that result in any soil contamination.

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

- a. small spills will be absorbed with soil and shoveled into drums for off-site disposal. If the soil is an "exempt" waste, the soil will be disposed at Envirotech or other OCD approved land farm facility. If the soil is an "nonexempt" waste the soil will be characterized and disposed according to the analytical profile.
- b. large spills will be contained with temporary berms. Free liquids will be pumped out by vacuum truck. Any hydrocarbon liquids will be recycled. Any contaminated soil will be disposed of as discussed in the paragraph above.
- c. verbal and written notification of leaks or spills will be made to OCD in accordance with Rule 116.
- d. areas identified during operations as susceptible to leaks or spills will be bermed or otherwise contained to prevent the discharge of effluent.
- e. Enterprise 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 of according to OCD and NMED guidelines.

Ballard Compressor Site Groundwater Discharge Plan Renewal

Item 12: Site Characteristics¹

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

The Ballard Compressor Station is located in the San Juan River drainage Basin, and within the Central portion of the San Juan structural basin. Topographic relief within 1 miles of the site is about 100 feet with elevations from 6400 to 6500 feet above the sea level. The average annual precipitation in the area ranges from 8 to 10 inches. The area supports native grasses and small shrubs.

GEOMORPHOLOGY AND SOILS

Ballard Compressor Station is located in a relatively flat area to the west of Blanco Canyon. The Plant is located approximately 1 mile west of Blanco Canyon. The surface slopes from about 0 to 5 percent from the highest point, 6400 feet at the compressor site to 6500 feet in the immediate vicinity of the plant site. The soil association in the area of the compressor site include the Doak-Sheppard-Shiprock association (USSCS, 1977). This association consists of materials weathered from sedimentary rocks, principally sandstone and shale and deposited by eolian methods. The Doak-Sheppard-Shiprock association is well to excessively drained and has moderate to rapid infiltration rates.

REGIONAL GEOLOGY

The compressor station is located within the 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 Hinds, 1971). Tertiary age rocks crop out to the east of the compressor site.

LOCAL GEOLOGY

The Ballard Compressor Station is located on a relatively flat plane composed of Quaternary eolian deposits derived from the sandstones and shales of the Nacimiento Formation, which overlies the Tertiary Ojo Alamo Sandstone. There are three water wells located at the Ballard Plant (see Table 1). EPNG (El Paso Natural Gas or currently Enterprise) water wells 1 & 2 show approximately 500 feet of overlying sand and shale of the Nacimiento Formation. The drillers log (see previous filing) for the EPNG water well #3 reports that 948 feet of sand and shale and minor amounts of clays were encountered.

¹ References Cited

Fasset, J.E. and J.S. Hinds, 1971, <u>Geology and Fuel Resources of the Fruitland Formation and Kirkland Shale of the San Juan Basin, New Mexico and Colorado.</u> USGS Professional Paper 676.

Geological Map of New Mexico, United States Geological Survey, 1967.

Geological Map of the Aztec 1[°] x 2[°] quadrangle Northwestern New Mexico and Southern Colorado . USGS Miscellaneous Investigation Service, 1987.

Soil Survey of San Juan County New Mexico, United States Department of Agriculture Soil Conservation Service, 1980.

Stone, W.J., F.P. Lyford, P.F. Frenzel, N.H. Mizell, and E.T. Padgett, <u>Hydrology and Water Resources of San</u> Juan Basin, New Mexico. New Mexico Bureau of Mines and Mineral Resources, Hydraulic Report 6, 1983.

HYDROLOGY AND GROUNDWATER QUALITY

Local Groundwater Hydrology and Quality

According to topographic maps published by New Mexico Oil Conservation Division to support "Vulnerable Area Order R-7940-C", the Ballard Compressor Station is located outside of the expanded vulnerable zone.

Records available from the State Engineers Office and from Stone et.al. (1983) indicate three water wells within one mile of the compressor station (see Topographic map). There are no springs located within the vicinity of the plant site.

Two of these wells were drilled by El Paso Natural Gas between May and June of 1957. These wells were drilled into the Nacimiento Formation to depths between 460 and 760 feet. A third well was drilled in October 1973. This well was completed possibly in the Ojo Alamo Sandstone or the Nacimiento Formation.

EPNG Well #1, is located at the plant. This well is completed in the Nacimiento Formation, and is screened between 352 and 489 feet. In the Nacimiento Formation and supplies the potable water for the Ballard Compressor Station. The aquifer appears to be confined, because the principal water bearing strata is at a depth of 440 feet, and the static water level is reported to be 215 feet below the ground surface. The drill log also shows 440 feet of predominately shale above the water bearing sand layer which could serve as a confining layer. The total dissolved solids reported from this aquifer was 820 ppm on 5/28/93.

EPNG Well #2, is also located at the plant. This well is screened between 307 and 479 feet, in the Nacimiento Formation. The aquifer appear to be confined because the principal water bearing strata is at a depth of 421 feet, and the static water level is reported to be 234 feet below the ground surface. The drill log also shows 421 feet of intermixed shale and sand overlying the water-bearing zone. The total dissolved solids reported for the aquifer was 582 ppm on 5/28/93.

EPNG Well #3, is located at the plant. This well is screened in several places from 568 to 603, 643 to 657, 773 to 803, and from 849 to 938 feet. These screened intervals are located in the Nacimiento Formation. This aquifer also appears to be under artesian conditions. The top screen is at 568 feet below ground level and the water is static at 230 feet below ground level. The drill log also shows 568 feet of intermixed shale and sand overlying the water bearing zones. The total dissolved solids reported for this aquifer was 522 ppm on 7/13/72.

The local alluvial groundwater flow appears to move in a westerly direction along a gently sloping plain. The potable aquifer most likely to be affected is the Nacimiento. The plant gets its drinking water from this aquifer at a depth greater than 300 feet below the surface. Regional flow direction in the Nacimiento in the general vicinity of the plant is toward the northeast.

SURFACE WATER HYDROLOGY AND FLOODING POTENTIAL

The Ballard Compressor Station is located approximately 1 mile east of Blanco Canyon. There are no permanent surface waters in the immediate vicinity of the plant. Surface water drainage at the plant is to the west, in the direction of an unnamed arroyo. Blanco Canyon is an emphemeral

Ballard Compressor Site Groundwater Discharge Plan Renewal

stream located approximately 1 miles east of the plant that flows from south to north into Largo Canyon. Largo Canyon is the main ephemeral stream that flows southeast to northwest and eventually into the San Juan River that is located approximately 20 miles away. Flooding potential from the San Juan Rivers to the site is negligible because the plant is well outside the floodplain of the San Juan River. However, since the plant is located near an ephemeral stream there is a very slight potential of flooding from sever thunderstorms in the area. Run-off from a sever storm poses no potential of flooding. Berms have been placed around each tank to minimize any contamination of surface waters by run-off from the plant.

| Name | Location | Screen Interval |
|--------------------|--|---|
| EPNG water well #1 | NW/4, NE/4, SE/4 of Sec 26, T26N, R9W | 352'-489' |
| EPNG water well #2 | SW/4, NE/4, SE/4 of Sec 26, T26N, R9W | 307'-479' |
| EPNG water well #3 | NE/4, SE/4, NE/4 of Sec 26, T26N, R9W | 568'-603', 643'-657', 773- 803', & 849'-938' |

 Table 3. Enterprise water wells located within one mile of the Ballard Plant.

Item 13: Other Compliance Information

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

Enterprise will take reasonable and necessary measures to prevent exceeding New Mexico water quality standards (20 NMAC 6.2.3103) should they choose to permanently close the facility. Closure measures will include removal or closure in place of underground piping and equipment. Tanks will be emptied and if practical removed from site. Potentially toxic materials or effluents will be removed from the site. Potential sources of toxic pollutants will be inspected. If contaminated soil is discovered, necessary reporting under NMOCD Rule 116 and 20 NMAC 6.2.1203 will be made and clean-up activities will commence. Post-closure maintenance and monitoring plans would not be necessary unless contamination is encountered.







