GW - 189

PERMITS, RENEWALS, & MODS Application

ATTACHMENT TO THE DISCHARGE PERMIT
ENTERPRISE PRODUCTS OPERATAING, L.P.,
ANGEL PEAK COMPRESSOR STATION (GW-189)
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 June 5, 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.

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.

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

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

12. Underground Process/Wastewater Lines:

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

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

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

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

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

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

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

Intrastate Streams) including any oil sheen in any 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, MINERALS 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-189
Angel Peak 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) Angel Peak Compressor Station GW-189 located in the NE/4 NE/4 of Section 8, Township 27 North, Range 10 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,

Wayne Price
Environmental Bureau Chief

Copy: OCD District Office

ATTACHMENT TO THE DISCHARGE PERMIT
ENTERPRISE PRODUCTS OPERATAING, L.P.,
ANGEL PEAK COMPRESSOR STATION (GW-189)
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 June 5, 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.

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.

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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.

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

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

12. Underground Process/Wastewater Lines:

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

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

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

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

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

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

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

Intrastate Streams) including any oil sheen in any 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.

_____
Company Representative- print name

_____
Company Representative- signature

_____
Title

_____
Date

EL PASO
FIELD SERVICES

November 8, 2000

New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

Dear Sirs:

Please find enclosed one signed copy of the Discharge Plan approval conditions for the following El Paso Field Services Co. facilities:

Angel Peak Compressor Station – Discharge Plan GW-189

Ballard Compressor Station – Discharge Plan GW-212

Kutz Compressor Station - Discharge Plan GW-186.

The flat fee for each of theses facilities will be forwarded under a separate cover as soon as the checks are received from EPFS accounts payable.

Sincerely yours,

David Bays

David Bays, REM
Principal Environmental Scientist

El Paso Field Services Company 614 Reilly Avenue Farmington, New Mexico 87401 Phone (505) 325-2841 Fax (505) 599-2235

ATTACHMENT TO THE DISCHARGE PLAN RENEWAL GW-189
EL PASO FIELD SERVICES CO.
ANGEL PEAK COMPRESSOR STATION
DISCHARGE PLAN APPROVAL CONDITIONS
October 27, 2000

1. Payment of Discharge Plan Fees: There is a required flat fee equal to one-half of the original flat fee for natural gas compressor stations with horsepower rating less than 1001 horsepower. The renewal flat fee required for this facility is $345.00 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 of $50.00 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. Commitments: El Paso Field Services Co. will abide by all commitments submitted in the discharge plan renewal application letter dated June 12, 2000 and these conditions for approval.

3. Waste Disposal: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste determination per 40 CFR Part 261. Any waste stream that is not listed in the discharge plan will be approved by OCD on a case-by-case basis.

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

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

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

11. 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.

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

13. 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.

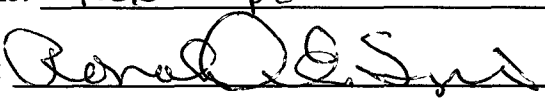
14. Storm Water Plan: The facility will have an approved storm water run-off plan by December 31, 2000.

16. Closure: The OCD will be notified when operations of the Angel Peak Compressor Station are discontinued for a period in excess of six months. Prior to closure of the Angel Peak 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. Conditions accepted by: 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: Ron Sipe

Signature: 

Title: Central Complex Manager

Date: Oct. 31, 2000

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. 3771-6890

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

RE: Discharge Plan Renewal GW-189
El Paso Field Services Co.
Angel Peak Compressor Station
San Juan County, New Mexico

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

7000 0520 0021 3771 6890

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

Postmark Here

GW-189

Recipient's Name (Please Print Clearly) (To be completed by mailer)
MR. DAVID BAYS C/O EPFS
Street, Apt. No.; or PO Box No.
614 REILLY AV.
City, State, ZIP+4
FARMINGTON, NM 87401

PS Form 3800, February 2000 See Reverse for Instructions

Dear Mr. Bays:

The ground water discharge plan renewal **GW-189** for the **El Paso Field Services Co. Angel Peak** Compressor Station**Compressor Station** located in the NE/4 NE/4 of Section 8, Township 27 North, Range 10 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 March 24, 1995 and approved June 5, 1995. The discharge plan renewal application letter, dated June 12, 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 Co. of 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 **June 5, 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. Angel Peak 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 less than 1001 horsepower equal to one-half of the original flat fee or $345.00.

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

Xc: OCD Aztec Office

ATTACHMENT TO THE DISCHARGE PLAN RENEWAL GW-189
EL PASO FIELD SERVICES CO.
ANGEL PEAK COMPRESSOR STATION
DISCHARGE PLAN APPROVAL CONDITIONS
October 27, 2000

1. Payment of Discharge Plan Fees: There is a required flat fee equal to one-half of the original flat fee for natural gas compressor stations with horsepower rating less than 1001 horsepower. The renewal flat fee required for this facility is $345.00 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 of $50.00 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. Commitments: El Paso Field Services Co. will abide by all commitments submitted in the discharge plan renewal application letter dated June 12, 2000 and these conditions for approval.

3. Waste Disposal: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste determination per 40 CFR Part 261. Any waste stream that is not listed in the discharge plan will be approved by OCD on a case-by-case basis.

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

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

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

11. 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.

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

13. 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.

14. Storm Water Plan: The facility will have an approved storm water run-off plan by December 31, 2000.

16. Closure: The OCD will be notified when operations of the Angel Peak Compressor Station are discontinued for a period in excess of six months. Prior to closure of the Angel Peak 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. Conditions accepted by: 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: _____

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

February 19, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-963-021

"OLD" ANGEL PEAK COMPRESSOR STATION

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

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

Dear Mr. Bays:

The OCD has received the closure plan report dated January 30, 1996 for the old "Angel Peak " compressor station located at NE/4, Section 8, Township 27 North, Range 10 West, NMPM, San Juan County, New Mexico. Upon review of this report and site inspection on February 12, 1996 by the NMOCD **the closure of the old "Angel Peak" Compressor station is hereby approved with the following condition:**

- The few remaining items that were left by the demolition contractors be removed from the site within 30 days of receipt of this approval.

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 Angel Peak " site. Further, OCD approval does not relieve EPFS from compliance with other Federal, State, or Local rules and regulations.

Sincerely,

Patricio W. Sanchez
Petroleum Engineer

xc: Denny Foust , OCD Aztec Office

Z 765 963 021

Receipt for Certified Mail
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

UNITED STATES POSTAL SERVICE

Sent to David Bays	
Street and No. EPPS - 016 Angel Peak	
P.O., State and ZIP Code Closure.	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, March 1993

EPFS
EL PASO FIELD SERVICES

January 30, 1996

Mr. Roger Anderson
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

Re: Facility Closure Plan

Dear Mr. Anderson:

In accordance with Mr. Chris Eustice's letter of June 30, 1995, this is to notify you that El Paso Field Services Company (EPFS) has completed the construction and demolition project at the Angel Peak Station (Discharge Plan GW-189).

1. No areas of soil contamination were identified during the demolition.

2. The old compressors, motors, piping, valves, the compressor building, and ancillary buildings were removed for resale by Olshan Demolishing Co., a commercial salvage company. All concrete foundations were broken down to a depth of one foot below the natural grade, then covered with clean fill. The removed upper portions of the foundations were broken into easily manageable size, then buried on-site.

3. All asbestos containing material was removed by Philip Environmental and disposed of at an approved landfill.

If you need any additional information regarding the Angel Peak closure, please call me at (505) 599-2256.

Sincerely yours,

David Bays

David Bays, REM

cc: Denny Foust - OCD - Aztec
S. D. Miller/P. J. Marquez/Angel Peak file

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

June 30, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. P-176-012-151

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

Re: Facility Closure Plan

Dear Mr. Bays:

The New Mexico Oil Conservation Division (OCD has completed a review of El Paso Natural Gas Company's (EPNG) May, 1995 "PROPOSED DEMOLITION PLAN" which was received by the OCD May 15, 1995. This document contains EPNG's plan for closure of six (6) facilities in the San Juan Basin. The six facilities are:

Angel Peak
3B-1
Kutz Plant
Lindrith Plant
Largo Plant
Ballard Plant

The above referenced facility closure plan is approved with the following conditions:

1 All soil samples for verification of completion of remedial activities will be sampled and analyzed for benzene, toluene, ethylbenzene, xylene and total petroleum hydrocarbons in accordance with the OCD's "SPILL, LEAK REMEDIATION GUIDELINES".

2. EPNG will notify the OCD-Environmental Bureau Chief and the OCD Aztec District Office within 24 hours of the discovery of groundwater contamination related to any facility closure activity.

3. For each facility closed, upon completion of all closure activities, EPNG will submit to the OCD for approval a completed closure report which will detail the

final results of each facility closure describing all assessments, dirt work, pit closures, and any other associated remedial activity.

4. All wastes removed from any of the facilities will be disposed of at an OCD approved facility.

5. All original documents submitted for approval will be submitted to the OCD Santa Fe Office with copies provided to the OCD Aztec Office.

Please be advised that OCD approval does not relieve EPNG of liability should closure activities determine that contamination exists which is beyond the scope of the work plan or if closure activities fail to adequately remediate contamination related to the facility. In addition, OCD approval does not receive EPNG of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please call me at (505) 827-7153.

Sincerely,

Chris Eustice
Environmental Geologist

cc: OCD Aztec Office - Denny Foust

El Paso Natural Gas Company

P. O. Box 4990
FARMINGTON, NM 87499
PHONE: 505-599-2202

April 6, 1995

Certified Mail
Return Receipt Number P 645 521 837

Mr. William L. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

Re: Proposed Demolition Plan

Dear Mr. LeMay:

El Paso Natural Gas Company is constructing six new compressor stations to replace six existing "grandfathered" stations. These station are:

Facility	Estimated Start of Demolition
Angel Peak	June 19, 1995
3B-1	July 3, 1995
Kutz Plant	July 3, 1995
Lindrith Plant	September 4, 1995
Largo Plant	September 18, 1995
Ballard Plant	October 9, 1995

A plan for removal and disposition of the existing station is attached. For any additional information needed, please contact me at the above address, or at (505) 599-2256.

Sincerely yours,

David Bays

David Bays, REM
Sr. Environmental Scientist

cc: w/o attachments
Mr. David Hall
Ms. Sandra Miller

EL PASO NATURAL GAS COMPANY
COMPRESSOR STATION CLOSURE PLAN

I. ENGINES, COMPRESSORS. PIPING, AND ANCILLARY STATION EQUIPMENT

All usable station hardware will be either reused by EPNG or sold for reuse in natural gas service. Unusable equipment will be sold as scrap metal.

II. HAZARDOUS WASTE

EPNG does not anticipate generating any hazardous waste during the demolition project. However, any wastes generated which are determined to be hazardous as defined by EPA and NMED regulations will be disposed of off-site at a properly permitted hazardous waste disposal facility.

III. SPECIAL WASTE

A. Insulation

All insulation will be checked to determine presence of asbestos. Any asbestos containing material (ACM) will be disposed of in an approved ACM landfill. Non-asbestos insulation will be disposed of as solid waste.

B. Used Oil

All used oil will be containerized and transported off-site for recycling. If an oil spill occurs, the contractor will take immediate steps to contain the spill and recover as much free liquid as is possible. Spill notifications will be made in accordance with NMOCD Rule 116.

C. Used Antifreeze

Glycol based coolants will be reused to the extent possible. If the coolant is not reusable, it will be either recycled or disposed off-site in accordance with OCD regulations.

D. Oil/Hydrocarbon Contaminated Soil

Presence of oil or hydrocarbon contamination will be determined using a Photo-ionization Detector (PID). All soils containing oil or hydrocarbons over 100 ppm will remediated in accordance with NMOCD Guidelines for Remediation of Leaks, Spills, and Releases.

E. Pits, Ponds, or Lagoons

Pits or ponds (if any) which do not meet current OCD guidelines for leak detection and secondary containment will be closed in accordance with NMOCD Unlined Surface Impoundment Closure Guidelines. For any pits or ponds which require closure and/or remediation, a site specific closure plan will be developed. The site specific plans will address remediation methods and procedures for determining any potential groundwater impact.

F. Chlorofluorocarbons

If any refrigeration equipment is to be removed, it will first have all freon evacuated for reuse in other similar equipment.

IV. BUILDING FOUNDATIONS

Steel foundation supports and tie downs will be sold as scrap metal. All above ground sections of concrete, including the above grade portions of the compressor building foundations, will be removed or demolished to a depth of 12 inches below grade. The removed and/or demolished concrete will be placed in the existing station basement for on-site burial.

V. GENERAL DEMOLITION DEBRIS

All non-degradable inert waste (rocks, concrete, etc.) generated by the demolition will be placed in the basement of the existing compressor building for burial on-site. Degradable waste (scrap lumber, vegetation, etc.) will be transported off-site for disposal at an approved public landfill.

NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. Pacheco
Santa Fe, New Mexico 87505

August 10, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-962-389

Mr. Patrick Marquez
Compliance Engineer
El Paso Natural Gas Company
P.O. Box 4990
Farmington, New Mexico 87499

RE: SOLID WASTE PIT CLOSURES
ANGEL PEAK COMPRESSOR STATION AND CHACO GAS PLANT
SAN JUAN COUNTY, NEW MEXICO

Dear Mr. Marquez:

The New Mexico Oil Conservation Division (OCD) has reviewed El Paso Natural Gas Company's (EPNG) June 5, 1995 "ANGEL PEAK AND CHACO PLANT SOLID WASTE PIT CLOSURE SAMPLING" and April 10, 1995 "SOLID WASTE PIT CLOSURES AT EPNG'S ANGEL PEAK AND CHACO FACILITIES". These documents contain the results of EPNG's waste characterization of soils in the former solid waste pits at EPNG's Angel Peak Compressor Station and Chaco Gas Plant. The documents also request permission to close the pits pursuant to EPNG's September 12, 1995 closure plan.

The OCD approves of EPNG's request to close the pits pursuant to EPNG's September 12, 1995 closure plan.

Please be advised that OCD approval does not relieve EPNG of liability if, the pits pose a future threat to ground water, surface water, public health or the environment. In addition, OCD approval does not relieve EPNG of responsibility for compliance with any other federal, state and local laws and/or regulations.

If you have any questions, please contact me at (505) 827-7154.

Sincerely,

William C. Olson
Hydrogeologist
Environmental Bureau

xc: OCD Aztec District Office

Z 765 962 389

Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

UNITED STATES POSTAL SERVICE

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Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, March 1993

Fold at line over top of envelope to the right of the return address

El Paso
Natural Gas Company

P. O. BOX 4990
FARMINGTON, NEW MEXICO 87499

April 10, 1995

Mr. Bill Olson
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504

Re: **Solid Waste Pit Closures at EPNG's Angel Peak and Chaco facilities**

Dear Mr. Olson:

Enclosed are the analyses for the subject solid waste pits. As per the November 22, 1995 NMOCD approval letter for closure, EPNG is required to submit the analytical results prior to the actual closure of the pits and will notify OCD of all activities 72 hours in advance such that OCD has the opportunity to witness the events.

Please review the enclosed analyses and respond to me at 505-599-2175 at your earliest convenience.

Thank you,

P. S. Marquez

Patrick Marquez
Compliance Engineer

cc:

Denny Foust (NMOCD)

w/o enclosures

Ron Jones (EPNG)
David Hall (EPNG)
Sandra Miller (EPNG) SDB/ZDC
Lyndell Smith (EPNG)
File: 5212 Regulatory

Bill,
Method 8010 as requested.
This is in addition to the analysis sent to you on April 10th.
Please call when you receive.
Thank you.
Patrick Marquez
599 2175.

El Paso Natural Gas Company

MEMORANDUM

To: John Lambdin **Date:** June 05, 1995

From: Norman R. Norvelle **Place:** Field Services Engineering Lab

Subject: Angel Peak and Chaco Plant Solid Waste Pit Closure Sampling

On June 01, 1995 I re-sampled Angel Peak and Chaco Plant solid waste pits for final closure. I sampled two points at the bottom of each pit at a depth of one foot and then composite the two samples from each pit at the time of sampling.. These were put into a 8 0z. jar. The following analysis was requested: EPA method 8010 for TCLP organics. This was additional sampling requested by NMOCD.

The sample was iced in a cooler until received in the lab and then stored in the sample refrigerator. Today, the sample was packed in bubble wrap, iced and ship in a cooler to the BEI labs in Seattle. A temperature blank was included. The ancillary paper work is attached.

SAMPLE NUMBER	DATE	TIME	LOCATION
950654	6-1-95	1:15 PM	Chaco Plant Dump
950655	6-1-95	2:20 PM	Angel Peak Dump

Should you have any questions or comments, please give me a call.

Norman R. Norvelle, Senior Division Chemist

attachments
cc: David Hall
Patrick Marquez

Results Attached 7/13/95 J. Lambdin

SOUND ANALYTICAL SERVICES, INC.

Chaco Plant
Dump Pit

Client Name	Philip Environmental Laboratory
Client ID:	950654 95-A9715
Lab ID:	49276-01
Date Received:	6/7/95
Date Prepared:	6/20/95
Date Analyzed:	6/21/95
% Solids	-

TCLP Halogenated Hydrocarbons by USEPA Method 8010

Surrogate	% Recovery	Flags	Recovery Limits Low	High
Bromochloromethane	107		50	150
2-Bromo-1-chloropropane	64		50	150
1,4-Dichlorobutane	81		50	150

Analyte	Result (mg/L)	PQL	Flags
Vinyl Chloride	ND	0.001	
1,1-Dichloroethene	ND	0.001	
Methylene Chloride	0.081	0.001	
trans-1,2-Dichloroethene	ND	0.001	
1,1-Dichloroethane	ND	0.001	
Chloroform	ND	0.001	
1,1,1-Trichloroethane	ND	0.001	
Carbon Tetrachloride	ND	0.001	
1,2-Dichloroethane	ND	0.001	
Trichloroethene	ND	0.001	
1,2-Dichloropropane	ND	0.001	
Bromodichloromethane	ND	0.001	
cis-1,3-Diohloropropene	ND	0.001	
trans-1,3-dichloropropene	ND	0.001	
1,1,2-Trichloroethane	ND	0.001	
Tetrachloroethene	ND	0.001	
Chlorodibromomethane	ND	0.001	
Chlorobenzene	ND	0.001	
Bromoform	ND	0.001	
1,1,2,2-Tetrachloroethane	ND	0.001	
1,3-Dichlorobenzene	ND	0.001	
1,4-Dichlorobenzene	ND	0.001	
1,2-Dichlorobenzene	ND	0.001	

SOUND ANALYTICAL SERVICES, INC.

Angel Peak Plant Dump Pit

Client Name	Philip Environmental Laboratory
Client ID:	950655 95-A9718
Lab ID:	49276-02
Date Received:	6/7/95
Date Prepared:	6/20/95
Date Analyzed:	6/21/95
% Solids	-

TCLP Halogenated Hydrocarbons by USEPA Method 8010

Surrogate	% Recovery	Flags	Recovery Limits Low	High
Bromochloromethane	103		50	150
2-Bromo-1-chloropropane	70		50	150
1,4-Dichlorobutane	73		50	150

Analyte	Result (mg/L)	PQL	Flags
Vinyl Chloride	ND	0.001	
1,1-Dichloroethene	ND	0.001	
Methylene Chloride	0.068	0.001	
trans-1,2-Dichloroethene	ND	0.001	
1,1-Dichloroethane	ND	0.001	
Chloroform	ND	0.001	
1,1,1-Trichloroethane	ND	0.001	
Carbon Tetrachloride	ND	0.001	
1,2-Dichloroethane	ND	0.001	
Trichloroethene	ND	0.001	
1,2-Dichloropropane	ND	0.001	
Bromodichloromethane	ND	0.001	
cis-1,3-Dichloropropene	ND	0.001	
trans-1,3-dichloropropene	ND	0.001	
1,1,2-Trichloroethane	ND	0.001	
Tetrachloroethene	ND	0.001	
Chlorodibromomethane	ND	0.001	
Chlorobenzene	ND	0.001	
Bromoform	ND	0.001	
1,1,2,2-Tetrachloroethane	ND	0.001	
1,3-Dichlorobenzene	ND	0.001	
1,4-Dichlorobenzene	ND	0.001	
1,2-Dichlorobenzene	ND	0.001	

SOUND ANALYTICAL SERVICES, INC.

Acceptable QA/QC
7/13/95

Lab ID:	Method Blank - B162095
Date Received:	-
Date Prepared:	6/20/95
Date Analyzed:	6/21/95
% Solids	-

Halogenated Hydrocarbons by USEPA Method 8010

Surrogate	% Recovery	Flags	Recovery Limits Low	High
Bromochloromethane	78		50	150
2-Bromo-1-chloropropane	59		50	150
1,4-Dichlorobutane	50		50	150

Analyte	Result (mg/L)	PQL	Flags
Vinyl Chloride	ND	0.001	
1,1-Dichloroethene	ND	0.001	
Methylene Chloride	ND	0.001	
trans-1,2-Dichloroethene	ND	0.001	
1,1-Dichloroethane	ND	0.001	
Chloroform	ND	0.001	
1,1,1-Trichloroethane	ND	0.001	
Carbon Tetrachloride	ND	0.001	
1,2-Dichloroethane	ND	0.001	
Trichloroethene	ND	0.001	
1,2-Dichloropropane	ND	0.001	
Bromodichloromethane	ND	0.001	
cis-1,3-Dichloropropene	ND	0.001	
trans-1,3-dichloropropene	ND	0.001	
1,1,2-Trichloroethane	ND	0.001	
Tetrachloroethene	ND	0.001	
Chlorodibromomethane	ND	0.001	
Chlorobenzene	ND	0.001	
Bromoform	ND	0.001	
1,1,2,2-Tetrachloroethane	ND	0.001	
1,3-Dichlorobenzene	ND	0.001	
1,4-Dichlorobenzene	ND	0.001	
1,2-Dichlorobenzene	ND	0.001	

El Paso Natural Gas Company

MEMORANDUM

RECEIVED
JUL 13 1995
Environmental Bureau
Oil Conservation Division

To: John Lambdin **Date:** June 05, 1995

From: Norman R. Norvelle **Place:** Field Services Engineering Lab

Subject: **Angel Peak and Chaco Plant Solid Waste Pit Closure Sampling**

On June 01, 1995 I re-sampled Angel Peak and Chaco Plant solid waste pits for final closure. I sampled two points at the bottom of each pit at a depth of one foot and then composite the two samples from each pit at the time of sampling.. These were put into a 8 0z. jar The following analysis was requested: EPA method 8010 for TCLP organics. This was additional sampling requested by NMOCD.

The sample was iced in a cooler until received in the lab and then stored in the sample refrigerator. Today, the sample was packed in bubble wrap, iced and ship in a cooler to the BEI labs in Seattle. A temperature blank was included. The ancillary paper work is attached.

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950655	6-1-95	2:20 PM	Angel Peak Dump

Should you have any questions or comments, please give me a call.

Norman R. Norvelle, Senior Division Chemist

attachments
cc: David Hall
Patrick Marquez

Results Attached 7/13/95 J. Parker

SOUNDANALYTICAL SERVICES, INC.

Chaco Plant
Dump Pit

Client Name	Philip Environmental Laboratory
Client ID:	950654 95-A9715
Lab ID:	49276-01
Date Received:	6/7/95
Date Prepared:	6/20/95
Date Analyzed:	6/21/95
% Solids	-

TCLP Halogenated Hydrocarbons by USEPA Method 8010

Surrogate	% Recovery	Flags	Recovery Limits Low	High
Bromochloromethane	107		50	150
2-Bromo-1-chloropropane	64		50	150
1,4-Dichlorobutene	81		50	150

Analyte	Result (mg/L)	PQL	Flags
Vinyl Chloride	ND	0.001	
1,1-Dichloroethene	ND	0.001	
Methylene Chloride	0.081	0.001	
trans-1,2-Dichloroethene	ND	0.001	
1,1-Dichloroethane	ND	0.001	
Chloroform	ND	0.001	
1,1,1-Trichloroethane	ND	0.001	
Carbon Tetrachloride	ND	0.001	
1,2-Dichloroethane	ND	0.001	
Trichloroethene	ND	0.001	
1,2-Dichloropropane	ND	0.001	
Bromodichloromethane	ND	0.001	
cis-1,3-Dichloropropene	ND	0.001	
trans-1,3-dichloropropene	ND	0.001	
1,1,2-Trichloroethane	ND	0.001	
Tetrachloroethene	ND	0.001	
Chlorodibromomethane	ND	0.001	
Chlorobenzene	ND	0.001	
Bromoform	ND	0.001	
1,1,2,2-Tetrachloroethane	ND	0.001	
1,3-Dichlorobenzene	ND	0.001	
1,4-Dichlorobenzene	ND	0.001	
1,2-Dichlorobenzene	ND	0.001	

SOUTHWEST ANALYTICAL SERVICES, INC.

Angel Peak Plant Dump Pit

Client Name	Philip Environmental Laboratory
Client ID:	950655 95-A9715
Lab ID:	49276-02
Date Received:	6/7/95
Date Prepared:	6/20/95
Date Analyzed:	6/21/95
% Solids	-

TCLP Halogenated Hydrocarbons by USEPA Method 8010

Surrogate	% Recovery	Flags	Recovery Limits Low	High
Bromochloromethane	103		50	150
2-Bromo-1-chloropropane	70		50	150
1,4-Dichlorobutane	73		50	150

Analyte	Result (mg/L)	PQL	Flags
Vinyl Chloride	ND	0.001	
1,1-Dichloroethene	ND	0.001	
Methylene Chloride	0.068	0.001	
trans-1,2-Dichloroethene	ND	0.001	
1,1-Dichloroethane	ND	0.001	
Chloroform	ND	0.001	
1,1,1-Trichloroethane	ND	0.001	
Carbon Tetrachloride	ND	0.001	
1,2-Dichloroethane	ND	0.001	
Trichloroethene	ND	0.001	
1,2-Dichloropropane	ND	0.001	
Bromodichloromethane	ND	0.001	
cis-1,3-Dichloropropene	ND	0.001	
trans-1,3-dichloropropene	ND	0.001	
1,1,2-Trichloroethane	ND	0.001	
Tetrachloroethene	ND	0.001	
Chlorodibromomethane	ND	0.001	
Chlorobenzene	ND	0.001	
Bromoform	ND	0.001	
1,1,2,2-Tetrachloroethane	ND	0.001	
1,3-Dichlorobenzene	ND	0.001	
1,4-Dichlorobenzene	ND	0.001	
1,2-Dichlorobenzene	ND	0.001	

SOUNDANALYTICAL SERVICES, INC.

Acceptable QA/QC
JR
7/13/95

Lab ID:	Method Blank - B162095
Date Received:	-
Date Prepared:	6/20/95
Date Analyzed:	6/21/95
% Solids	-

Halogenated Hydrocarbons by USEPA Method 8010

Surrogate	% Recovery	Flags	Recovery Limits Low	High
Bromochloromethane	78		50	150
2-Bromo-1-chloropropane	59		50	150
1,4-Dichlorobutane	60		50	150

Analyte	Result (mg/L)	PQL	Flags
Vinyl Chloride	ND	0.001	
1,1-Dichloroethene	ND	0.001	
Methylene Chloride	ND	0.001	
trans-1,2-Dichloroethene	ND	0.001	
1,1-Dichloroethane	ND	0.001	
Chloroform	ND	0.001	
1,1,1-Trichloroethane	ND	0.001	
Carbon Tetrachloride	ND	0.001	
1,2-Dichloroethane	ND	0.001	
Trichloroethene	ND	0.001	
1,2-Dichloropropane	ND	0.001	
Bromodichloromethane	ND	0.001	
cis-1,3-Dichloropropene	ND	0.001	
trans-1,3-dichloropropene	ND	0.001	
1,1,2-Trichloroethane	ND	0.001	
Tetrachloroethene	ND	0.001	
Chlorodibromomethane	ND	0.001	
Chlorobenzene	ND	0.001	
Bromoform	ND	0.001	
1,1,2,2-Tetrachloroethane	ND	0.001	
1,3-Dichlorobenzene	ND	0.001	
1,4-Dichlorobenzene	ND	0.001	
1,2-Dichlorobenzene	ND	0.001	

BURLINGTON ENVIRONMENTAL
2203 Airport Way South, Suite 400
Seattle, WA 98134
206-2290500 • FAX: 223-7791

Chain of Custody/ Laboratory Analysis Request

DATE 6-5-95 PAGE 1 OF 1

PROJECT ______ #

CLIENT INFO. CONTACT: EL PASO NATURAL GAS COMPANY

EMPRO DIVISION/GENERATOR NAME: FARMINGTON [illegible]

TELEPHONE # 505/599-2152

SAMPLERS NAME: NORMAN NORVELLE PHONE # 599-215[illegible]

SAMPLERS SIGNATURE: [signature]

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	LAB I.D.	TYPE	BASE/NEU/ACID ORGAN. GC/MS 625/8270	VOLATILE ORGANICS GC/MS 624/8240	PCB's 608/8080	TPH (circle method) 418.1 or 8015	BETX (circle method) 8240 or 8020	F-LISTED SOLVENTS 8240	TCLP F-LISTED SOLVENTS 1311/8240	TCLP METALS D004-11	METALS (TOTAL) As, Ba, Cd, Cr, Cu, Pb, Ni, Hg, Ag, Se, Tl, Sb, Zn	TCLP ORGANICS (specify methods) • VOA's 8240 • BNA's 8270 • Pesticides 8080 • Herbicides 8150	DISCHARGE TESTING	OTHER (Specify): TCLP [illegible] 8010						NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
950654	6-1-95	1:15pm	95-A9715	SOIL												X						1	
950655	6-1-95	2:20pm	95-A9716	SOIL												X						1	

Relinquished By	Relinquished By	Relinquished By
Printed Name: NORMAN R NORVELLE	Signature	Signature
Signature: [signature]	Printed Name	Printed Name
Firm: EL PASO NATURAL GAS CO	Firm	Firm
Date/Time: 6/5/95 2:45pm	Date/Time	Date/Time

Received By	Received By	Received By
Signature	Signature	[signature]
Printed Name	Printed Name	Printed Name
Firm	Firm	Firm
Date/Time	Date/Time	Date/Time: 6/6/95 15:00

SPECIAL INSTRUCTIONS/COMMENTS:

950654 – CHACO PLANT DUMP composite
950655 – ANGEL PEAK DUMP composite

#3890

DISTRIBUTION: WHITE - return to originator; YELLOW - lab; PINK - retained by originator.

(LAB-200 Rev 10/90)

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City — State — ZIP Required

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Company — Department/Floor No.
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30 [ ] ECONOMY; 46 [ ] GOVT LETTER; 41 [ ] GOVT PACKAGE
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NMOCD		
ADDRESS		**TELEPHONE NUMBER**
FAX NUMBER (REQUIRED)		
1 505 8278177		

FROM

NAME OF SENDER	NAME OF COMPANY	
Patrick Marquez.	☐ EL PASO NATURAL GAS	☐ OTHER
ADDRESS		**CITY/STATE**
505 5992175.		

REMARKS

☐ RETURN ☐ DO NOT RETURN

As required - TCLP 8010 Organics analysis for Chaco Plant & Angel Peak Solid Waste Dumps. Please call when you receive this fax - Hard copy to follow via mail. Thank you Patrick Marquez.

REPLY

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VERIFY NUMBER:
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TM-SS-0162 (Rev. 10-92)

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 Department
Oil Conservation Division
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505
(505) 827-7131

Revised 12/1/95

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to Santa Fe
1 Copy to appropriate
District Office

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

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

GW-189

☐ New ☒ Renewed ☐ Modification

1. Type: Angel Peak Compressor Station
2. Operator: Enterprise Products Operating, L.P.
   Address: P.O. Box 4324, Houston, Texas 77210-4324
   Contact Person: Doug Jordan
3. Location: NE/4 NE/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 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: ~~Terry L. Hurlburt~~ Title: Vice President & General Manager, Operations

Signature: Date: 2/14/06

DMG 01/25/06

ENTERPRISE FIELD SERVICES, LLC

ANGEL PEAK COMPRESSION STATION: DISCHARGE PLAN RENEWAL, GW-189

Revised January 2006

Prepared for:

NEW MEXICO OIL CONSERVATION DIVISION

1220 South Saint Francis Drive

Santa Fe, New Mexico 87505

Enterprise Field Services, L.C
614 Reilly Avenue
Farmington, NM 87401

Table of Contents

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 Angel Peak Compressor Station compresses approximately 27 MMSCFD of natural gas from low pressure San Juan Field Trunk 2D pipeline to the 12 inch Trunk 6D pipeline, then to the 30" Blanco-Chaco Crossover line. Enterprise Field Services LLC is the owner and Enterprise Products Operating L.P. is the operator of the compressor facility. The site includes the following equipment:

One two-phase separator
One gas compressor suction scrubber
One engine driven compressor (engine rated at 3068 HP)
One gas compressor discharge scrubber
One fuel/gas filter separator
One 300 gallon lube oil tank
One 500 gallon lube oil tank
One 500 gallon ethylene glycol tank
One 210 barrel hydrocarbon condensate/produced water tank (exempt)
One 160 barrel waste water tank (nonexempt)

The auxiliary equipment and tanks at the compressor site are installed, maintained, and operated by Enterprise Products Operating L.P. (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 L. Hurlburt Enterprise Products Operating L.P. P.O. Box 4324 Houston, TX 77008 (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, NM 87401 (505) 325-2841

Item 3: Location of Facility and Landowner

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

The facility is located in NE/4, Section 8, Township 27N, Range 10W, San Juan County, NM. From Bloomfield, NM travel approximately six miles south on Highway 44, then turn left at the Angel Peak Compressor Station sign and travel approximately six miles on County Road 14326.

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 as Tab B. Natural gas enters the site from Enterprise's Trunk 2D pipeline via both underground and aboveground piping. Gas entering the compressor station passes through the inlet separator for initial gas and entrained liquids separation. The gas is then routed through the compressor suction scrubber, the compressor for gas compression, the compressor discharge scrubber and into the Enterprise Trunk 6D pipeline. A slip stream of gas is routed through the fuel scrubber and used as fuel by the engine

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

Table No.1, Raw Materials Stored and Used On site, currently on file is amended as follows:

Tank Contents	Tank Construction Materials	Tank Capacity
Ethylene Glycol	Steel	500 gallon
Lube Oil	Steel	300 gallon
Lube Oil	Steel	500 gallon
Wastewater	Steel	160 barrel
Condensate/Produced Water	Steel	210 barrel

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 which flow under pressure to a 210 barrel, single wall, welded steel, above ground storage tank. The scrubbers and separators generate approximately 10 barrel of condensate, oil, and produced water per month.

The nonexempt 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.

The facility also generates spent compressor oil filters and engine oil filters. Approximately 1 compressor oil filter and 3 engine oil filters are replaced each month. The oil filters are drained and the filter disposed of at the Crouch Mesa Landfill. Fuel gas filters are also disposed of at the Crouch Mesa Landfill. The frequency of fuel gas filter replacement/disposal is a function of the inlet gas quality.

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 coordinates the transportation of wastewater and waste solids to off-site disposal facilities.

As reflected in Item 7 (above), condensate and produced water from the scrubber drain via pressurized underground lines to a 210-bbl tank for exempt waste. Precipitation and wash water from the compressor skid drain via gravity flow, underground into the partially buried 160-barrel tank for nonexempt wastewater.

Oil fraction from the condensate tank is transported to the Giant Refinery in Bloomfield, NM for recycling. Triple S Trucking of Aztec and/or Industrial Mechanical Inc. of Farmington take the water fraction of the exempt waste to the Enterprise Kutz Separator-Blanco Storage facility for additional hydrocarbon recovery and separation. Non-exempt wastewater from wash downs and rainwater events will also be transported to the Enterprise 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. ASTs 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 at least once every five years.

Item 11: Spill Prevention and Reporting Procedures

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

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

Since the site will be visited on a regular basis by Enterprise, 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. Enterprise's Environmental Department will be notified upon discovery of leaks which result in 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.

Item 12: Site Characteristics[1]

Regional Geology

The Angel Peak Compressor Station is located in the San Juan River drainage basin and within the north central portion of the San Juan structural basin. See topographic map under Tab A. Topographic relief within 1 mile of Angel Peak is about 490 feet with elevations from 5860 to 6350 feet above sea level. The average annual precipitation in the area is 8 to 10 inches. This area supports native grasses and small scrubs.

Geomorphology and Soils

Angel Peak Compressor Station is within the north-central part of the San Juan Basin. The site is located at the base of a cliff where quaternary alluvium overlies the Tertiary Nacimiento Formation and the Ojo Alamo Sandstone. Based upon data recorded in the driller's logs for the wells near the site, the Quaternary alluvium ranges from 5 to 12 feet in total thickness. According to topographic maps published by New Mexico Oil Conservation Division to support "Vulnerable Area Order," R-7940-C, the site is located outside of the expanded vulnerable zone.

The drillers log for Angel Peak Water Well No. 1 reports that 235 feet of sandstone with minor shale were encountered in the Nacimiento Formation. Angel Peak water well logs No. 2 and No. 3 report similar findings. Angel Peak Water Well No. 10 is located approximately 4.5 miles southwest, in NW/4 Sec 26, T27-N. R-11-W, approximately 500 feet higher in elevation than the site. The driller's log for this well reports that 980 feet of sandstone and minor shale were encountered in the Nacimiento Formation. The Ojo Alamo Sandstone was encountered at a depth of 1002 to 1102 feet below the ground surface.

Geomorphology Soils

The site is situated at the base of a cliff on a sloping terrace. The surface slopes about O to 3 percent from the highest point, 5960 feet at the compressor site to 5880 feet off to the northwest of the site. The soil association in the area of the site includes the Blancot-Notal association (USGS, 1977). The fan and valley unit consists of relatively flat 0 to 5% slopes situated on alluvial fans and valley bottoms. The Blancot-Notal association soil is deep and well drained. It formed in alluvium derived dominantly from sandstone and shale. Permeability is moderate to very slow, and runoff is medium.

---

[1] References Cited

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

Geological Map of New Mexico, United States Geological Survey, 1965.

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, Hydrology and Water Resources of San Juan Basin, New Mexico. New Mexico Bureau of Mines and Mineral Resources, Hydraulic Report 6, 1983.

Hydrology and Groundwater Quality

There are two unnamed drainage areas within a quarter of a mile of the site. These drainage ways trend to the northwest until they meet with the Kutz Canyon Wash. The site is approximately ¾ mile north of the East Fork of the wash.

There is one spring located within three miles east of the site (USGS 1992). This is the Armenta Canyon Spring. The source formation is the Naciemiento at an altitude of 6,040 feet above mean sea level. The output of the spring recorded in November 1975 is less than 0.1 gallons per minute and is used for a stock tank.

According to the State Engineer's Office, the wells reflected in the table below are the only wells located within 1 mile of the site.

Table 1. Wells located within 1 mile of the Angel Peak plant site.

Location	Name	Use	Total Depth	Elevation	Depth to Water
27.10.8.223	EPNG PW-01	Dom	235'	5787.4'	170'
27.10.8.223	EPNG PW-02	Dom	204'	5897.3'	54.7'
27.10.8.223	EPNG PW-03	Dom	235'	5902'	60'
27.10.8	EPNG TW-04	Dom	946'	-	125'
27.10.8	EPNG TW-05	Dom	970'	-	-
27.10.8	EPNG TW-06	Dom	1066'	-	-
27.10.7.13222	EPNG PW-07	Dom	1066'	-	-

According to the State Engineers Office El Paso Natural Gas (presently Enterprise) wells are the only ones located within 1 mile of Angel Peak Compressor Station (Table 1). Eight wells, including three test wells (4 through 6) which were never completed, were drilled at the plant by EPNG for domestic and industrial purposes. Both the Nacimiento and Ojo Alamo were tested to a depth of 1066 feet, and neither are significant aquifers right at the plant. All wells at the plant have been abandoned due to insufficient quantity and/or poor water quality.

The present potable water supply well, El Paso Natural Gas Well #10 in Sec. 26, T-27-N, R-11-W is located approximately 6 miles southwest, and up gradient from the plant. This well was completed in the Ojo Alamo Formation and the aquifer appears confined, because the top of the Ojo Alamo is reported to be 1002 feet, and static water level is reported to be 550 feet below the ground surface. The total dissolved solids reported by El Paso Natural Gas' laboratory from this aquifer was 510 ppm on July 13, 1982.

Based on this information the aquifer most likely to be affected near the plant is the Ojo Alamo Aquifer. This aquifer lies approximately 900 feet below the ground surface. The Ojo Alamo Aquifer appears to be confined by shale which overlies this aquifer. The direction and gradient of groundwater flow can not be determined on a local basis from existing information. The regional groundwater flow direction in the Ojo Alamo Formation is to the northwest (Stone et. al. 1983).

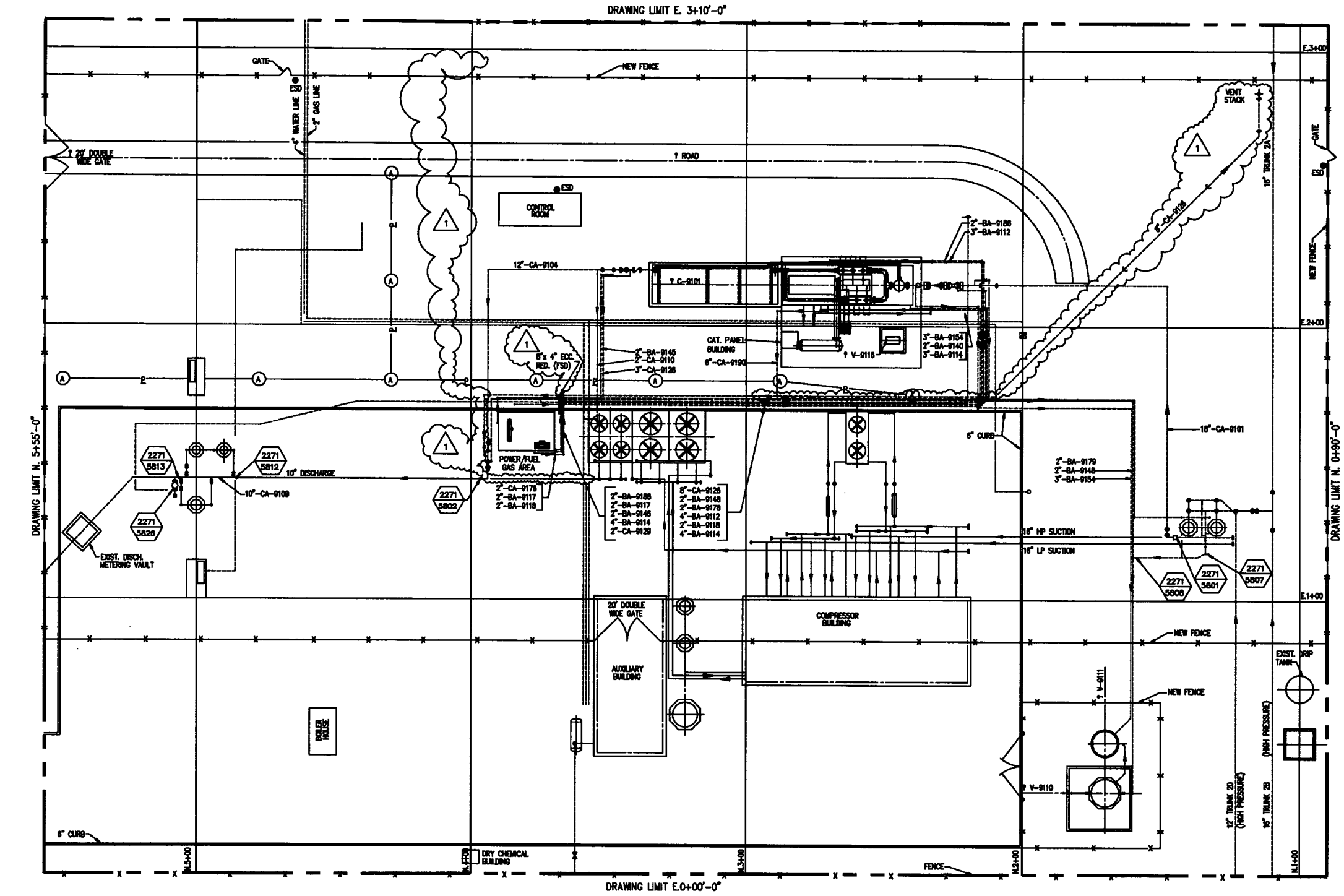
Surface Water Hydrology and Flooding Potential

The Angel Peak Compressor Station is located at the base of a cliff 3/4 mile northeast of the East Fork of the Kutz Canyon Wash. Kutz Canyon Wash 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 11 miles south of, and well outside of the floodplain of the San Juan River. 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. It is also thought that flooding potential from the East Fork Kutz Wash which is south of the compressor station is negligible. This is based on the location of the compressor station at the base of a cliff and the altitude.

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 the 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.



LEGEND

- NEW
- UNDERGROUND
- EXISTING
- TO BE REMOVED

NOTE :
1.) CONTRACTOR IS TO VERIFY ALL EXISTING U/G PIPLINES PRIOR TO FABRICATION WITH E.P.N.G. PERSONNEL AND REROUTE OR TERMINATE PER E.P.N.G. INSTRUCTIONS.

LEGEND

REFERENCE DRAWINGS

DWG. NO.	TITLE
2AP-1-P8	PLOT PLAN

REVISIONS

NO.	DATE	BY	DESCRIPTION	W.O.	APP.
1		DJM	REVISED FOR CONSTRUCTION	L-5814	DRM
0	03/25/95	SRD	ISSUED FOR CONSTRUCTION	L-5814	DRM

PRINT RECORD

PRT.	SEP.	DATE	TO	W.O.	PRT.	SEP.	DATE	TO	W.O.

KTI FISH INC.
HOUSTON, TEXAS

JOB NO. 2271.058

ENG. RECORD		DATE
DRAFTING DESIGN	SRD	9/23/94
COMPUTER GRAPHICS	SRD	9/23/94
CHECKED	JMF	3/25/95
PROJECT APPROVAL	DRM	3/28/95
DESIGN APPROVAL	JF	3/25/95
COMPUTER SAVE NAME	2AP1P9	

El Paso Natural Gas Company

ANGEL PEAK COMPRESSOR STATION
GENERAL PIPING PLAN

SCALE: 1"=20'-0" | W.O. L-5814 | DWG. NO. 2AP-1-P9 | REV. 1

DJM 08/21/95 07:55 2AP1P9.dwg