GW-188-0

PERMITS, RENEWALS, & MODS Application

Enterprise Products Operating, GW-188 April 12, 2006 Page 2 of 5

ATTACHMENT TO THE DISCHARGE PERMIT ENTERPRISE PRODUCTS OPERATING, L.P., 3B-1 COMPRESSOR STATION (GW-188) 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 OCDapproved facility. Only oil field RCRA-exempt wastes may be disposed of by injection in a Class II well. Enterprise Products Operating, 1 W-188 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, 1
 WW-188
 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, Dr. GW-188

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.

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-188 3B-1 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) 3B-1 Compressor Station GW-188 located in the NW/4 SW/4 of Section 33, Township 30 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,

Wayne Price Environmental Bureau Chief

Copy: OCD District Office

Enterprise Products Operating, GW-188 April 12, 2006 Page 2 of 5

ATTACHMENT TO THE DISCHARGE PERMIT ENTERPRISE PRODUCTS OPERATING, L.P., 3B-1 COMPRESSOR STATION (GW-188) DISCHARGE PERMIT APPROVAL CONDITIONS April 12, 2006

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

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Enterprise Products Operating, GW-188 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.

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Enterprise Products Operating, GW-188 April 12, 2006

Page 5 of 5

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

ACXNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. dated $1/2400$ or cash received on in the amount of \$ 100^{20} from $E_{u} f_{r} p_{v} s_{c}$ $Products Co$ for 3 B-1 Compressor stations GIW-188
or cash received on in the amount of \$ 100 00 from Eutropoise Products Co for 3 B-1 Conference stations GIN-188 -
eron Entropoise Products Co eor 3 B-1 Conference Stations GIN-188.
tor 3 B-1 Conference stations GIN-188.
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Submitted by: Awity a Date: 3//00
Submitted to ASD by: Kauzurzi Kennen Data: 3/1/04
Received in ASD by: Date:
Filing Fee V New Facility Renewal
Modification Other
(appendy)
Organization Code 521.07 Applicable FY 2004
To be deposited in the Water Quality Management Fund
Full Payment or Annual Increment
THE FACE OF THIS DOCUMENT CONTAINS SECURITY PRINTING
ENTERPRISE PRODUCTS OPERATING L.P. P.O.BOX 4324 HOUSTON TEXAS 77210
ENTERPRISE*
PAY EXACTLY
Six Hundred And No/100 Dollars \$*******600.00
REGULAR ACCOUNT
SANTA FE, NM 87505
SANTA FE, NM 87505 United States GW-188 GW-ZIZ GW-ZII GWZ09

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 -022 5 How Show 5

CERTIFIED MAIL RETURN RECEIPT NO. Z-765-963-022

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

RE: Closure Approval Old 3B-1 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 "3B-1" compressor station located at SW/4, Section 33, Township 30 North, Range 9 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 "3B-1" Compressor station is hereby approved.

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 3B-1" site. Further, OCD approval does not relieve EPFS from compliance with other Federal, State, or Local rules and regulations.

PS Form 3800, March 1993

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Sincerely,

Patricio W. Sanchez Petroleum Engineer

Denny Foust, OCD Aztec Offic xc:

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 5, 1995

CERTIFIED MAIL RETURN RECEIPT NO. Z-765-962-692

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

RE: Approval of Discharge Plan GW-188 3B-1 Compressor Station San Juan County, New Mexico

Dear Mr. Bays:

The discharge plan GW-188 for the El Paso 3B-1 Compressor Station located in NE/4 NW/4 SW/4, Section 33, Township 30 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 and its contents dated March 23, 1995 and subsequent information received on May 12, 1995.

The discharge plan application was submitted pursuant to Section 3-106 of the New Mexico Water Quality Control Commission Regulations. Please note Sections 3-109.E and 3-109.F which provide for possible future amendments or modifications of the plan. Please be advised that the approval of this plan does not relieve El Paso Natural Gas Company of liability should the operations associated with this facility result in pollution of surface water, ground water, 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 (tanks exceeding 16 feet in diameter), shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

Mr. David Bays June 5, 1995 Page 2

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

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

The discharge plan application for the 3B-1 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 dollars (\$50) plus the flat fee of one-thousand, three-hundred and eighty dollars (\$1380.00) for Compressor Stations exceeding 3,000 Horsepower at site conditions.

The \$50 filing fee has been received by the OCD. The flat fee for an approved discharge plan has not been received by the OCD. The flat fee check should be submitted to the NMED - Water Quality Management through the NMOCD office in Santa Fe, New Mexico.

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

Sincerely, William J. LeMa Director

WJL/pws Attachment

xc: Denny Foust, OCD Aztec Office

ATTACHMENT TO DISCHARGE PLAN GW-188 APPROVAL El Paso Natural Gas Company - 3B-1 Compressor Station DISCHARGE PLAN REQUIREMENTS

(June 5, 1995)

- 1. <u>Tank Berming</u>: All tanks that contain materials other than fresh water that, if released, could contaminate surface or ground water or the environment will be bermed to contain 1 1/3 times the capacity of the tank or 1 1/3 times the volume of all interconnected tanks.
- 2. <u>Drum Storage</u>: All drums will be stored on pad and curb type containment.
- 3. <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.
- 4. <u>Modifications</u>: All proposed modifications that include the construction of any below grade facilities or the excavation and disposal of wastes or contaminated soils will have OCD approval prior to excavation, construction or disposal.

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

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ie gi	I hereby acknowledge	receipt of che	ck No.	dated <u>3/16/95</u> .
	or cash received on	4-7-95	in the amount o	f\$ <u>50,00</u>
	from <u>El Paso</u>	Natural G	nas Co	
	for <u>3B-1</u> Comp	o Sta	G	<u>w-188</u>
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	Received in ASD by:	/	Date:	
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<u>District</u> P. O. Bo	District I + (505) 393-6161 New Mexico Revised 12/1/9. P. O. Box 1980 New Mexico Revised 12/1/9.						
Hobbs,	Hobbs, NM 88241-1980 Energy Minerals and Natural Resources Department						
<u>District</u>	<u>II</u> - (505) 748-1283	Oil Conservation Division				Submit Original	
811 S. F	First	12	20 South Saint F	rancis Drive		Plus 1 Copy	
Artesia,	NM 88210	S	anta Fe, New Me	xico 87505		to Santa Fe	
District	<u>III</u> - (505) 334-6178		(505) 827-7	/131		Copy to appropriate	
1000 Ri	io Brazos Road					District Office	
Aztec, f	NM 87410						
District	<u>IV</u> - (505) 827-7131			,		L	
	<u>GAS I</u>	<u>DISCHARGE PLAN</u> <u>PLANTS, REFINERIES</u> (Refer to OCD Guidel	APPLICATION F(, COMPRESSOR, ines for assistance	OR SERVICE COM AND CRUDE OIL in completing the	IPANIES, PUMP STATIONS application)		
		New	🗷 Renewe	d C	Modification	000-100	
1.	Туре:	3B-1 Compressor Sta	ation				
2.	Operator:	Enterprise Products (Operating, L.P.				
	Address:	P.O. Box 4324, Hous	ton, Texas 77210	4324			
	Contact Person: Doug Jordan, Environmental Manager - Midstream Systems						
3.	Location: NW/4 SW/4 Section 33 Township 30 North Range 9 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 th and belief.	at the information subm	nitted with this appl	ication is true and o	correct to the best	of my knowledge	
W9.11		<u>y L. Hurlburt</u>	Title	Vice Presiden	t & General Mana	ager, Operations	
821001	Signature:	's Marth	Date	2/14/0	l c		

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ENTERPRISE FIELD SERVICES, LLC

3B-1 COMPRESSION STATION: DISCHARGE PLAN RENEWAL, GW-188

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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 Avenue Farmington, NM 87401

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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 3-B1 compressor site compresses approximately 44 MMSCFD of natural gas from low pressure San Juan Field lines to Trunk 3B-37. Enterprise is the owner and operator of the compressor facility. The site included the following equipment:

One two-phase inlet separator One gas compressor suction scrubber One engine-driven compressor (rated at 3068 HP) One gas compressor discharge scrubber One fuel/gas filter separator One 300 gal lube oil tank One 500 gal lube oil tank One 210 barrels Hydrocarbon condensate/produced water tank (exempt) One 160 barrel wastewater tank (nonexempt)

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:	Terry Hurlburt
	Enterprise Products Operating, L.P.
	P.O. Box 4324
	Houston, TX 77210-4324
	(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 and Landowner

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

The site is located in the NE/4 of the NW/4 of the SW/4 of Sec 33, T-30-N, R-9-W, San Juan County, New Mexico. The site is located approximately 4 miles north of Blanco, New Mexico on County Road 4599. A topographic map showing the site location is attached.

Item 4: Landowner

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

Enterprise Field Services LLC P. O. Box 4324 Houston, TX 77210 (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 is then transferred to Enterprise's Trunk 3B-37.

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 300 gallon oil tank is mounted above the compressor. A 500 gallon (make-up) tank is installed next to the compressor. 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)	300 gal
Lube Oil	Single wall, welded steel (AST)	500 gal

Table 1. Raw Materials Stored and Used on Site

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.

Plate 1 (Process Map) provides a visual representation of wastewater generation, storage, and disposition at the site.

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 seven barrels of nonexempt wastewater is generated per month.

Source	Туре	Quantity/Month	Disposition
Scrubbers	Condensate/water	10 bbls	210 bbl tank
Separators	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

Table 3. 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/Month	Disposition
Compressor	Oil Filter	1	Crouch Mesa Landfill
Compressor engine	Fuel Filter	3	Crouch Mesa Landfill
Fuel Gas Separator	Fuel Filter	As needed	Crouch Mesa Landfill

Table 4. 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 offsite 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 partially below grade 160 barrel storage tank for nonexempt wastewater.

The 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. 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 will be hydrostatically tested at a minimum of three pounds over operating pressure at least once 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 the entire tank is exposed to visually detect leaks.

Since the site is visited on a regular basis by Enterprise personnel, leaks, spills and/or drips will be identified. Regular scheduled maintenance procedures will also help 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 that result in soil contamination.

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

- Small spills will be absorbed with oil 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 a "non-exempt" waste, the soil will be characterized and disposed according to the analytical profile.
- 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.
- Verbal and written notification of leaks or spills will be made to OCD in accordance with Rule 116.
- Areas identified during operations as susceptible to leaks or spills will be bermed or otherwise contained to prevent the discharge of effluent.
- Enterprise personnel will carry oil absorbent booms in their trucks. The booms will be used as needed to contain any spills or leaks. The dooms will be disposed of according to OCD and NMED guidelines.

Item 12: Site Characteristics¹

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

Regional Geography and Geology

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, 1965.

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

Inventory of Springs in the State of New Mexico, United States Geological Survey, W. e. White, G. E. Kues, 1992

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</u> <u>San Juan Basin, New Mexico.</u> New Mexico Bureau of Mines and Mineral Resources, Hydraulic Report 6, 1983.

The site is located within the north-central part of the San Juan Basin. Topographic relief within 1 mile of the site is about 340 feet with elevations from 5610 to 5990 feet above sea level. The average annual precipitation I the area ranges between 8 and 10 inches. The native vegetation consists mainly of pinon, juniper and various grasses.

Local Geography and Geology

The site is located on rolling hills 1.5 miles northwest of Turley, New Mexico. It lies on moderate south-southwest loping hills 1,000 feet east of the Mansfield Canyon wash.

Tertiary and Holocene age rocks crop out in the immediate vicinity of the site. The Nacimiento formation, exposed at the site, is composed of alluvial and fluvial sandstone and mudstone. This formation may have a transmissivity as high as $100 \text{ ft}^2/\text{d}$, and a specific conductance greater than 2000 umhos/cm.

Geomorphology and Soils

The soils consist mainly of the Farb-Persayo-Rock outcrop complex. These soils are composed of 40% fine sandy loam formed in residuum derived dominantly from sandstone, 30% clay loam, and 20% rock outcrop, which are intricately intermingled.

The soils are found mainly on hills and breaks with slopes of 3 to 30 percent. Runoff is rapid. Water erosion and soil blowing can be severe. The permeability of the fine-textured soil is moderately rapid.

Hydrology and Groundwater

According to topographic maps published by the New Mexico Oil Conservation Division to support "Venerable Area Order", R-7940-C, a portion of the site is located in the vulnerable zone.

According to A Summary of the Regional Geology of the Permian and San Juan Basins of New *Mexico* by Maureen Wilks, PhD, the total dissolved solids (TDS) of produced water in the San Juan Basin range from 8,000 ppm to 76,142 ppm. Enterprise estimates TDS of produced water will range between 10, 0000 ppm to 15,000 ppm at this site.

There are no springs within one mile of the site (USGS 1992)

There are no water wells at the site. Three water wells exist within a 1 mile radius of the site (State Engineers Office & Stone et.al.) and represented in the table below. The C Gurule well was completed in the Nacimiento formation and is located approximately a half mile south of the site. The Max Jacquez and William M Schofield wells are completed in the alluvial aquifer and are more that a half mile down gradient, or side gradient from the site.

Location	Name	Use	Total Depth	Elevation	Depth to Water
29.09.04.1	C Gurule	-	45'	5611"	-
29-09-04-1411	Max Jacquez	-	54'	5615'	36'
30.09.33.444	William M Schofield	Dom			

 Table 5. Wells within one mile of the site.

Based on the information collected from wells in the vicinity of the site, the aquifer most likely to be affected near the site would be the Alluvial Aquifer. This aquifer lies approximately 50 feet below the ground surface. Local ground water flows in a southeasterly direction away from the site towards Mansfield Canyon Wash.

Surface Water Hydrology and Flooding Potential

The site is located on rolling hills in San Juan County, New Mexico. The site is approximately 60 feet in elevation above, and 1000 feet east of Mansfield Canyon Wash. The was crosses Citizens Ditch and discharges into the San Juan River approximately 1 mile southeast of the site. There is little likelihood of flooding of the site from Mansfield Canyon or the San Juan River.

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.





