GW - 244

PERMITS, RENEWALS, & MODS Application

ATTACHMENT- DISCHARGE PERMIT APPROVAL CONDITIONS

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

2. **Permit Expiration, Renewal Conditions and Penalties:** Pursuant to WQCC Regulation 20.6.2.3109.H.4 NMAC, this permit is valid for a period of five years. **The permit will expire on July 2nd, 2011** and an application for renewal should be submitted no later than 120 days before that expiration date. Pursuant to WQCC Regulation 20.6.2.3106.F NMAC, if a discharger submits a discharge permit renewal application at least 120 days before the discharge permit expires and is in compliance with the approved permit, then the existing discharge permit will not expire until the application for renewal has been approved or disapproved. ***Expired permits are a violation of the Water Quality Act {Chapter 74, Article 6, NMSA 1978} and civil penalties may be assessed accordingly.***

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

4. **Owner/Operator Commitments:** The owner/operator shall abide by all commitments submitted in its October 2007 discharge plan application, including attachments and subsequent amendments and these conditions for approval. Permit applications that reference previously approved plans on file with the division shall be incorporated in this permit and the owner/operator shall abide by all previous commitments of such plans and these conditions for approval.

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

6. **Waste Disposal and Storage:** The owner/operator shall dispose of all wastes at an OCD-approved facility. Only oil field RCRA-exempt wastes may be disposed of by injection in a Class II well. RCRA non-hazardous, non-exempt oil field wastes may be disposed of at an OCD-approved facility upon proper waste determination pursuant to 40 CFR Part 261. Any waste stream that is not listed in the discharge permit application must be approved by the OCD on a case-by-case basis.

A. **OCD Rule 712 Waste:** Pursuant to OCD Rule 712 (19.15.9.712 NMAC) disposal of certain non-domestic waste without notification to the OCD is allowed at NMED permitted solid waste facilities if the waste stream has been identified in the discharge permit and existing process knowledge of the waste stream does not change.

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

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

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

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

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

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

A. All below-grade tanks and sumps must be approved by the OCD prior to installation and must incorporate secondary containment with leak detection into the design. The owner/operator shall retrofit all existing systems without secondary containment and leak

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

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

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

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

12. Underground Process/Wastewater Lines:

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

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

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

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

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

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

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

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

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

20. Additional Site Specific Conditions: N/A

21. Transfer of Discharge Permit (WQCC 20.6.2.3111) Prior to any transfer of ownership, control, or possession (whether by lease, conveyance or otherwise) of a facility with a discharge permit, the transferor shall notify the transferee in writing of the existence of the discharge permit, and shall deliver or send by certified mail to the department a copy of such written notification, together with a certification or other proof that such notification has in fact been received by the transferee.

Upon receipt of such notification, the transferee shall have the duty to inquire into all of the provisions and requirements contained in such discharge permit, and the transferee shall be charged with notice of all such provisions and requirements as they appear of record in the department's file or files concerning such discharge permit. The transferee (new owner/operator) shall sign and return an original copy of these permit conditions and provide a written commitment to comply with the terms and conditions of the previously approved discharge permit.

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

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

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

Chevron
Company Name-print name above

Hector E. Cavazos
Company Representative- print name

Hector E. Cavazos
Company Representative Signature

Title MCA Waste + Water Specialist

Date: 11 February 2008

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. _____ dated 2/18/08

or cash received on _____ in the amount of $ 1700.00

from Chevron

for GW-244

Submitted by: Lawrence Romero Date: 2/20/08

Submitted to ASD by: Lawrence Romero Date: 2/20/08

Received in ASD by: _____ Date: _____

Filing Fee _____ New Facility _____ Renewal _____

Modification _____ Other _____

Organization Code 521.07 Applicable FY 2004

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. _____ dated 9/13/07

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

from Chevron

for GW-241

Submitted by: Lawrence Romero Date: 10/26/07

Submitted to ASD by: Lawrence Romero Date: 10/26/07

Received in ASD by: _____ Date: _____

Filing Fee ✓ New Facility _____ Renewal _____

Modification _____ Other _____

Organization Code 521.07 Applicable FY 2004

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

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

State of New Mexico
Energy Minerals and Natural Resources

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

Revised June 10, 2003

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

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

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

☐ New ☒ Renewal ☐ Modification GW#____244_____

1. Type: ____Compressor discharge permits_____
2. Operator: ____Chevron USA Inc_____

   Address: ____P O Box 36366, Houston, TX 77236_____

   Contact Person: __Jennifer Hudgens_____Phone: __281-561-3599_____
3. Location: _____/4 _____/4 Section _30__Township ___27N___Range _6W_____
   Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
14. CERTIFICATIONI hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: _____ Hector E Cavazos _ Title: ___ Waste and Water Specialist _

Signature: Hector E Cavazos Date: 23 October 2007

E-mail Address: _____ heca@chevron.com ___

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

Chevron U.S.A. Inc
332 ROAD 3100
Aztec, NM 87410

505-326-2657x112

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

SEE ATTACHED

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

No material is stored on location

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

Waste water and effluent will be generated by precipitation. No waste water is being generated at site

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

Any liquids will be disposed off site to a third party disposal site approved by Chevron

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

Collection – Not applicable
Treatment - Not applicable
Disposal - Not applicable as Chevron will use approved third party disposal sites

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

Daily monitoring of site by Chevron personnel or Chevron contracted personnel.
Quarterly audits performed by field personnel to insure compliance with federal, stnd ate, local, company guidelines

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

SPCC, Storm water, oil spill contingency, or emergency response plans are in place for responding to cleanup efforts of any spills or releases. Plans are located in field office.

12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.

Depth to ground water is 300 feet

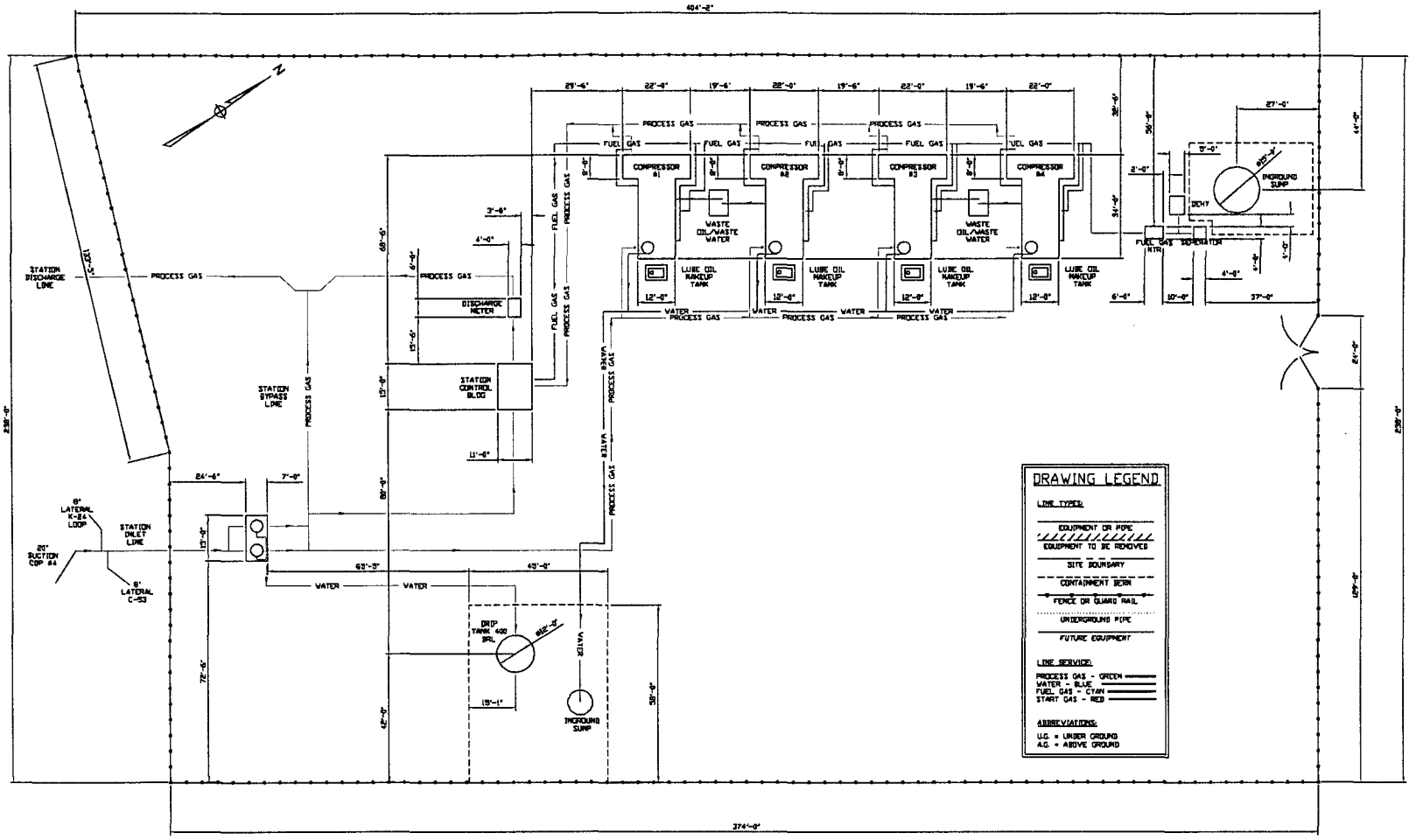
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

Any plan for closure will follow Chevron abandonment or divestment procedure to include complete removal of all equipment and reclaiming site per agricultural use applicability or landowner approval.

The TALON community newspaper, P O Box 275, Aztec, New Mexico 87410, 505-334-1039, will be the local media that will be used for providing the notice.

Public notice to be placed in local media.:

Chevron U.S.A. Incorporated , P O Box 36366, Houston, TX 77236 has applied to the State of New Mexico Energy Minerals and Natural Resources Oil Conservation Division , for a renewal to the Discharge permit for CPD Lateral # 4 compression facility, GW-244 located in Rio Arriba, County, Sec 30, T27N, R6W. The compression facility may discharge waste water when during heavy precipitation. The estimated depth to the groundwater is 300 feet (San Juan Formation). Written comments on this application may be made by mail to the State of New Mexico Energy Minerals and Natural Resources Oil Conservation Division Executive Director, care of Mr. Wayne Price, 1220 South St. Francis Drive, Santa Fe, NM 87505, 505-476-3440



NOTES:

REV	BY	DATE	REVISION	ENG CHECKED	ENG APPROVE	DATE	OPER CHECKED	OPER APPROVE	DATE
A	SNA	12/06	ISSUED FOR REVIEW						

CHEVRON NORTH AMERICA
EXPLORATION AND PRODUCTION

RINCON LAT #4 CDP
SITE PLAN
EXISTING EQUIPMENT

DRAWN BY	S. ALEXANDER	DRAWING NO.	LAT #4 CDP
DATE	12/07/06	SCALE	1/32" = 1'-0"
CHECKED	J Fetzner	FILE	RINCON LAT #4 CDP
JOB NO.	13142-A	REV	A

ATTACHMENT TO THE DISCHARGE PLAN GW-244 APPROVAL
Pure Resources, Lateral #4 Compressor Station
DISCHARGE PLAN APPROVAL CONDITIONS
July 09, 2001

1. Payment of Discharge Plan Fees: The $50.00 filing and $400.00 flat fee has been received by the OCD.

2. Commitments: Pure Resources will abide by all commitments submitted in the discharge plan renewal application dated February16, 2001 including attachments, and these conditions for approval.

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

4. 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.

5. 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 facilities or modifications to existing facilities must place the tank on an impermeable type pad within the berm.

6. 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.

7. Labeling: All tanks, drums, and other containers should be clearly labeled to identify their contents and other emergency information necessary if the tank were to rupture, spill, or ignite.

8. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must be tested to demonstrate their mechanical integrity no later than December 15, 2001 and every year from tested date, thereafter. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing. The test results will be submitted to OCD by December 31, 2001.

9. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity no later than December 15, 2001 and every 5 years, from tested date, thereafter. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing. The test results will be submitted to OCD by December 31, 2001.

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 approved for construction and/or operation 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, and leak detection will be inspected daily to ensure proper operation and to prevent over topping or system failure. All spill collection and/or secondary containment devices will be emptied of fluids within 48 hours of discovery. A record of inspections will be retained on site for a period of five years.

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

13. 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.

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

15. Storm Water Plan: Pure Resources will submit a stormwater run-off plan for OCD approval by December 31, 2001.

16. 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.

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

18. Certification: **Pure Resources** by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. **Pure Resources** 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.

Conditions accepted by: **Pure Resources**

Michael C. Phillips
Company Representative- print name

Michael C. Phillips Date 7/17/01
Company Representative- Sign

Title San Juan Basin Area Foreman

AFFIDAVIT OF PUBLICATION

Ad No. 59758

STATE OF NEW MEXICO
County of San Juan:

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

Friday, February 15, 2008
Saturday, February 16, 2008

And the cost of the publication is $203.92

ON 2/20/08 BOB WALLER appeared before me, whom I know personally to be the person who signed the above document.

Wynell Casey
My Commission Expires Nov. 05, 2008

COPY OF PUBLICATION

NOTIFICACIÓN PÚBLICA

Chevron U.S.A. Incorporated, 11111 So. Wilcrest Drive, Houston, TX 77099, ha presentado una solicitud de renovación al Departamento de Energía, Minerales y Recursos Naturales de New Mexico, División de Conservación Petrolera, para el plan de descargas aprobado (GW-244) para la Estación de Compresor CPD Lateral #4, ubicada en la Sección 30, Municipio 27 Norte, Rango 6 Oeste en el Condado de Rio Arriba, New Mexico. El domicilio físico de la oficina es 332 ROAD 3100, Aztec, New Mexico, 87410. El complejo está ubicado aproximadamente a cuarenta y dos (42) millas de Bloomfield, NM.

El complejo proporciona compresión, almacenaje y distribución de materiales relacionados con condensado y gas. Los materiales generados o utilizados en el complejo incluyen líquido condensado de tuberías, aceite de lubricación nuevo y usado para compresor, aceite para engranajes y agua residual aceitosa del motor o agua que escurre del separador. Aproximadamente se generan en el complejo: 3 barriles al día de agua que ha escurrido, 900 galones/motor/año de aceite para motor usado, y 1500 barriles/día de agua condensada/ producida. Todos los líquidos utilizados en el complejo son acopiados en tanques de almacenamiento por encima del piso antes de ser desechados o reciclados en un sitio aprobado por la OCD. Todos los tanques de almacenamiento están dentro de contenciones secundarias diseñadas adecuadamente y aprobadas por la OCD.
El acuífero que más probablemente pueda ser afectado está a 300 pies de profundidad y la concentración de sólidos totales disueltos de este acuífero es de aproximadamente 500 mg/l.

La(s) persona(s) interesada(s)s puede(n) obtener información; enviar comentarios o solicitar ser incluida(s) en la lista de correo específica a este complejo para notificaciones futuras, poniéndose en contacto con Leonard Lowe en OCD de New Mexico ubicado en 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, Teléfono (505) 476-3492. La OCD aceptará comentarios y declaraciones de interés acerca de la renovación y será creada una lista de correo específica de este complejo para las personas que deseen recibir notificaciones en el futuro

Legal No. 59758 published in The Daily Times, Farmingotn, New Mexico on Friday & Saturday, February 15 & 16, 2008

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

July 09, 2001

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFIED MAIL
RETURN RECEIPT NO. 5357 7751

Mr. Mike Phillips
Pure Resources
P.O. Box 850
Bloomfield, NM 87413

RE: Discharge Plan Renewal GW-244
Pure Resources
Lateral #4 Compressor Station
Rio Arriba County, New Mexico

Dear Mr. Phillips:

The groundwater discharge plan renewal GW-244 for the Pure Resources Lateral #4 Compressor Station located in the SW/4 SW/4 of Section 30, Township 27 North, Range 6 West, NMPM, Rio Arriba 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 30 working days of receipt of this letter.**

The original discharge plan application was submitted on April 08, 1996 and approved on July 02, 1996, with an expiration date of July 02, 2001. The discharge plan renewal application dated February 16, 2001 including attachments, 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 Pure Resources of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does it relieve Pure Resources of its responsibility to comply with any other governmental authority's rules and regulations.

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

Please note that Section 3104. of the regulations requires that "when a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C., Pure Resources 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 approval is for a period of five years. **This approval will expire July 02, 2006** and an application for renewal should be submitted in ample time before that date. Pursuant to 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.

The discharge plan application for the Pure Resources., Lateral #4 Compressor Station is subject to the WQCC Regulation 3114. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of $100 plus a flat fee of $400.00 for natural gas compressor stations with horsepower ratings between 0-1000 horsepower. The OCD has received both the $100 filing and $400.00 flat fee.

If you have any questions, please contact Wayne Price of my staff at (505-476-3487). 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
Environmental Bureau Chief

RCA/lwp
Attachment-1
xc: OCD Aztec Office

ATTACHMENT TO THE DISCHARGE PLAN GW-244 APPROVAL
Pure Resources, Lateral #4 Compressor Station
DISCHARGE PLAN APPROVAL CONDITIONS
July 09, 2001

1. Payment of Discharge Plan Fees: The $50.00 filing and $400.00 flat fee has been received by the OCD.

2. Commitments: Pure Resources will abide by all commitments submitted in the discharge plan renewal application dated February16, 2001 including attachments, and these conditions for approval.

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

4. 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.

5. 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 facilities or modifications to existing facilities must place the tank on an impermeable type pad within the berm.

6. 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.

7. Labeling: All tanks, drums, and other containers should be clearly labeled to identify their contents and other emergency information necessary if the tank were to rupture, spill, or ignite.

8. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must be tested to demonstrate their mechanical integrity no later than December 15, 2001 and every year from tested date, thereafter. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing. The test results will be submitted to OCD by December 31, 2001.

9. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity no later than December 15, 2001 and every 5 years, from tested date, thereafter. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing. The test results will be submitted to OCD by December 31, 2001.

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 approved for construction and/or operation 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, and leak detection will be inspected daily to ensure proper operation and to prevent over topping or system failure. All spill collection and/or secondary containment devices will be emptied of fluids within 48 hours of discovery. A record of inspections will be retained on site for a period of five years.

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

13. 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.

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

15. Storm Water Plan: Pure Resources will submit a stormwater run-off plan for OCD approval by December 31, 2001.

16. 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.

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

18. Certification: **Pure Resources** by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. **Pure Resources** 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.

Conditions accepted by: **Pure Resources**

_____
Company Representative- print name

_____ Date_____
Company Representative- Sign

Title_____

ATTACHMENT TO DISCHARGE PLAN GW-244
Unocal - "Lateral # 4" Compressor Station
DISCHARGE PLAN REQUIREMENTS
(July 2, 1996)

1. **Payment of Discharge Plan Fees**: The $690 flat fee shall be submitted upon receipt of this approval. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.

2. **Unocal Commitments:** Unocal will abide by the commitments and conditions made in the following: The application letter and discharge plan dated April 8, 1996 from Unocal, the inspection report from OCD dated June 28, 1996, and this approval with conditions from OCD dated July 2, 1996.

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

All drums and chemical containers shall be clearly labeled to identify their contents and other emergency information necessary if they were to rupture, spill, or ignite.

4. **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.

5. **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 facilities or modifications to existing facilities must place the tank on an impermeable type pad.

6. **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.

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

8. **Below Grade Tanks/Sumps**: All below grade tanks, sumps, and pits must be approved by

the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks that do not have secondary containment and leak detection must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks /or sumps.

9. **Underground Process/Wastewater Lines**: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years there after. Companies may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing so that an OCD representative may witness the testing.

10. **Housekeeping**: All systems designed for spill collection/prevention should be inspected to ensure proper operation and to prevent overtopping or system failure.

Any contaminated soils that are collected at the facility will be tested for hazardous constituents, and after receiving OCD approval, will be disposed of at an OCD approved site.

11. **Spill Reporting**: All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD District Office at (505)-334-6178.

12. **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.

13. **New Mexico Oil Conservation Division Inspections:** Additional requirements may be placed on the facility based upon results from New Mexico Oil Conservation Division inspections.

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

15. **Conditions accepted by**: Mike Tabet 7-16-96
Company Representative Date

STATE HES COORDINATOR
Title

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

July 2, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. P-594-835-269

Mr. Mike Tabet
Unocal
P.O. Box 760
Moab, Utah 84532

RE: Approval of Discharge Plan GW-244
"Lateral # 4" Compressor
Rio Arriba County, New Mexico

Dear Mr. Tabet:

The **discharge plan GW-244 for the Unocal "Lateral # 4" Compressor Station** located in the SW/4 SW/4, Section 30, Township 27 North, Range 6 West, NMPM, Rio Arriba County, New Mexico, **is hereby approved** under the conditions contained in the enclosed attachment. The discharge plan consists of the following items: The application letter and discharge plan dated April 8, 1996 from Unocal, the inspection report from OCD dated June 28, 1996, and this approval with conditions from OCD dated July 2, 1996. 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 five working days of receipt of this letter.**

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

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

Please note that Section 3104 of the regulations requires that "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C Unocal is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

Pursuant to Section 3109.G.4, this plan is for a period of five (5) years. **This approval will expire July 2, 2001,** and an application for renewal should be submitted in ample time before that date. It should be noted that all discharge plan facilities will be required to submit plans for, or the results of, an underground drainage testing program as a requirement for discharge plan approval.

The discharge plan for the Unocal "Lateral # 4" Compressor Station GW-244 is subject to the WQCC Regulation 3114 discharge plan fee. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of fifty dollars ($50) and a flat fee for compressor stations between 1,001 and 3,000 horsepower of $ 690.

Note: The $50 filing fee has been received by the OCD. The flat fee of $ 690 has not been received by the OCD and is due on receipt of this approval letter.

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

Sincerely,

William J. LeMay
Director

WJL/pws
Attachment

xc: Mr. Denny Foust

P 594 835 269

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided. GW-244
Do not use for International Mail *(See reverse)*

Sent to Unocal - Tabet	
Street & Number P.O. Box 760	
Post Office, State, & ZIP Code Moab, Utah 84532	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form 3800, April 1995

ATTACHMENT TO DISCHARGE PLAN GW-244
Unocal - "Lateral # 4" Compressor Station
DISCHARGE PLAN REQUIREMENTS
(July 2, 1996)

1. **Payment of Discharge Plan Fees**: The $690 flat fee shall be submitted upon receipt of this approval. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.

2. **Unocal Commitments:** Unocal will abide by the commitments and conditions made in the following: The application letter and discharge plan dated April 8, 1996 from Unocal, the inspection report from OCD dated June 28, 1996, and this approval with conditions from OCD dated July 2, 1996.

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

All drums and chemical containers shall be clearly labeled to identify their contents and other emergency information necessary if they were to rupture, spill, or ignite.

4. **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.

5. **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 facilities or modifications to existing facilities must place the tank on an impermeable type pad.

6. **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.

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

8. **Below Grade Tanks/Sumps**: All below grade tanks, sumps, and pits must be approved by

the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks that do not have secondary containment and leak detection must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks /or sumps.

9. **Underground Process/Wastewater Lines**: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years there after. Companies may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing so that an OCD representative may witness the testing.

10. **Housekeeping**: All systems designed for spill collection/prevention should be inspected to ensure proper operation and to prevent overtopping or system failure.

Any contaminated soils that are collected at the facility will be tested for hazardous constituents, and after receiving OCD approval, will be disposed of at an OCD approved site.

11. **Spill Reporting**: All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD District Office at (505)-334-6178.

12. **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.

13. **New Mexico Oil Conservation Division Inspections:** Additional requirements may be placed on the facility based upon results from New Mexico Oil Conservation Division inspections.

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

15. **Conditions accepted by**: _____ _____

Company Representative Date

_____

Title

Lateral # 4 Compressor Station
Discharge Plan

March 19, 1996

Prepared for:

New Mexico Oil Conservation Division
NMED-Water Quality Management
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Prepared by:

Union Oil Company of California, dba Unocal
P.O. Box 760
Moab, Utah 84532
801-686-7604
FAX (801) 686-2341

Table of Contents

List of Appendices

Appendix

List of Plates

Plate

This document follows the format presented in "Guidelines for the Preparation of Ground Water Discharge Plans at Natural Gas Processing Plants."

1.0 General Information

1.1 Name of Discharger or Legally Responsible Party

Union Oil Company of California, dba Unocal
P.O. Box 760
Moab, Utah 84532

1.2 Name of Local Representative or Contact Person

Robert L. Caine
P.O. Box 850
Bloomfield, New Mexico 87413

1.3 Location of Discharge

SW/SW Section 30, Township 27 North, Range 6 West, NMPM
Rio Arriba County, New Mexico

1.4 Types of Natural Gas Operation

Field compression facility, which will be used for the transmission of pipeline quality gas. (plate 2).

- Process: Pipeline quality gas enters the station at a relatively low pressure. The natural gas will be compressed and discharged into a pipeline leaving the station.

- Design Conditions: Single, double stage compression.

Gas Volume	25 MMcfd
Compressor HP	2200 hp

1.5 Copies

Three copies of Discharge Plan are submitted to OCD as required.

1.6 Affirmation

"I hereby certify that I am familiar with the information contained in and submitted with this discharge plan and that such information is true, accurate, and complete to the best of my knowledge and belief."

Signature 3/29/96
Date

Brett Liggett Production Engineer
Printed Name of Person Signing Document Title

2.0 Plant Processes

2.1 Sources and Quantities of Effluent and Process Fluids

The natural gas stream entering the plant is a very lean gas with greater than 90% methane by volume.

- Fresh water will be used to clean or wash-down the compressors and engines. Contaminants in the water consist of dirt and small amounts of lubricating oil that may spill into the skid-mounted catch basin below the compressor during routine maintenance. Water collected in the catch basin will overflow into a 1000 gallon underground storage tank. The usage rate of wash-down is estimated at 10 -20 gallons per month.

- During routine maintenance of the compressor engines, the oil in the engines will be changed approximately every 1,000 hours, at a oil usage rate of 300 gallons per year.

- A ethylene glycol coolant is added to the compressors as evaporation takes place. The replacement rate of the coolant is estimated to be 10-20 gallons per year.

- Water will be removed from the inlet gas streams via an inlet scrubber. Less than 5 barrels per day of water will be produced by the scrubber.

- A tri-ethylene glycol is added to the dehydrator as evaporation and loss takes place. The replacement rate of the tri-ethylene glycol is estimated to be 70 gallons per year.

2.2 Quality Characteristics

- Unocal Guardol Motor Oil 30 or equivalent is used as the lubricating o engines. Refer to the Material Safety Data Sheets (MSDS) in appendix this product.

Dow Chemical Ethylene Glycol or equivalent is used as the coolant for the compr the Material Safety Data Sheets (MSDS) in appendix A for a desc

4-18-96 PWB
5 bbls =
210 gpd.
per Public Notice.

- Dow Chemical Tie-ethylene Glycol or equivalent is used as the coolant for the dehydration unit. Refer to the Material Safety Data Sheets (MSDS) in appendix A for a description of this product.

2.3 Transfer and Storage of Process Fluids and Effluents

- Make-up engine oil will be stored in a 500 gallon above-ground drum. The drum will sit on a concrete pad surrounded by an earth berm, which will contain any spills. Larger quantities of oil required for maintenance will be brought to the site on an as-needed basis in a dual tank truck. Used engine oil will be pumped into one storage tank on the truck and will be replaced with new engine oil from the other tank.

- Additional coolant will be stored on site in an above-ground 55-gallon drum. The drum will stand on a concrete pad

- Additional Tri-ethylene glycol will be stored on site in an above-ground 55 -gallon drum. The drum will stand on a concrete pad

- Wash-down water will be piped to a 1000 gallon buried double walled steel tank. This tank is supplied with a leak detection system and will be monitored when the compressor is checked by the operator.

- Produced water will be piped into the same buried double-walled tank as the wash-down water.

2.4 Spill/Leak Prevention and Housekeeping Procedures

1. All operations personnel have been instructed to handle process fluid spills or leaks as follows:

- Small spills: Cover spill with sand to soak up fluid. This fluid soaked sand will be remediated in an approved landfarm on lease or disposed of in an approved disposal facility.

- Large spills: Dike around spill and pump liquid into drums. Call a vacuum truck if necessary. Handle fluid soaked material as stated above.

- Any spill large enough to require a dike to contain it, will be reported immediately by phone to the OCD. Verbal and written notification of leaks or spills will be made to OCD in accordance with OCD Rule 116. Employees will also follow Spill Prevention and Control Plan (SPCC).

2. A weekly walk-through inspection will be performed by the compressor station operator.

3. All areas identified during operation as susceptible to leaks or spills will be paved bermed, or otherwise contained to prevent the discharge of any effluents.

3.0 Effluent Disposal

All effluents from this site will be collected by a recycling contractor. This contractor will be approved by the New Mexico Environmental Improvement Division for the hauling and final disposition of the effluents.

The shipping agent contracted for off-site disposal is Mesa Oil Inc., 4701 Broadway Boulevard SE, Albuquerque, New Mexico.

4.0 Site Characteristics

4.1 Hydrologic Features

Based on information found in *Hydrogeology and Water Resources of San Juan Basin, New Mexico* by the New Mexico Bureau of Mines and Mineral Resources, the estimated depth to water is 400 feet.

The ground water aquifer in this area is most likely in the San Jose formation. Total dissolved solids (TDS) concentration is estimated to be from 500 to 1,500 mg/l.

4.2 Geologic Description of Discharge Site

Based on information found in *Hydrogeology and Water Resources of San Juan Basin, New Mexico* by the New Mexico Bureau of Mines and Mineral Resources, the formations in the area are characterized by intermittently occurring gray to yellow and purple clay; white to red silts; white to yellow fine grained massive-bedded sandstone; conglomerate; and red and green shale.

4.3 Flood Protection

Flood potential is very unlikely and flood protection is not necessary.

5.0 Closure Plan

Prior to closure of Compressor site, Unocal will perform an assessment of the site to determine if the standards of Section 3103 have been exceeded or the presence of a toxic pollutant in the groundwater.

The following is a description of Unocal's plan to close out the Lateral # 4 Compressor site when operation of the facility is ceased:

1. Remove Compressor

2. Remove above ground equipment and associated piping.

3. Remove Oil and Glycol storage tanks and ecology pans or berms.

4. Remove buried double walled tank with leak detection.

Once equipment is removed, an assessment of the site will be performed to address any spills that have taken place during the operation of this compressor. If contamination is found during the assessment, the following procedure will be used to determine if the standards of Section 3103 have been exceeded:

1. Identify the vertical extent of the contamination.

2. Any contamination found will be remediated using NMOCD Order R-7940-C and BLM Environmental Assessment NM-070-93-3004 guidelines.

3. If groundwater is found to be contaminated, the water will be tested with the appropriate tests - BTEX, PAHs, etc. or tests necessary for domestic or irrigation use.

4. Contaminated soils will be remediated on site by landfarming or aeration. The contaminated soil will be monitored during landfarming until closure levels are reached. A closure report will be issued to the appropriate agencies when landfarm is closed.

5. Contaminated water (if any) will be remediated by approved methods. Monitor wells will be used to monitor remediation efforts and a closure report will be issued to the appropriate agencies when closure levels are met.

6. Unocal is financially able to accomplish the closure of the Lateral # 4 Compressor site.

6.0 Additional Information

Produced water will not be present in the pipeline because all gas transported through this system will be a marketable, methane rich, pipeline quality gas.

The dehydrator on site is used to remove excess water from the compressor engine fuel gas. This eliminates down time on the compressor engines during cold weather where minute amounts of moisture can cause freezing problems in the fuel gas.

Contractors used for the hauling and final disposal of the compressor oil will be approved by the New Mexico Environmental Improvement Division.

Attached to this discharge plan are three drawings:

1. Plot plan (site security).
2. Process and instrumentation diagram.
3. Rincon Unit gathering system map.

Appendix A

Material Safety Data Sheets

MATERIAL SAFETY DATA SHEET

Unocal Corporation
1201 West 5th Street
Los Angeles, California 90017

Responsible Party:

UNOCAL REFINING & MARKETING DIVISION
UNION OIL COMPANY OF CALIFORNIA
1201 WEST 5TH STREET
LOS ANGELES, CALIFORNIA 90017

CONTACT FOR FURTHER INFORMATION:
MSDS COORDINATOR 213-977-7589

Transportation Emergencies:
CHEMTREC
(800) 424-9300 Cont. U.S.
(202) 483-7616 (Collect)
from Alaska & Hawaii
Health Emergencies:
LOS ANGELES POISON
CONTROL CENTER (24 hrs)
(800) 356-3129

PRODUCT IDENTIFICATION

PRODUCT NAME: UNOCAL GUARDOL 30

SYNONYMS: UNION GUARDOL MOTOR OIL 30

GENERIC NAME: CRANKCASE OIL

CHEMICAL FAMILY: PETROLEUM HYDROCARBON

DOT PROPER SHIPPING NAME: NOT APPLICABLE

ID NUMBER: NONE

DOT HAZARD CLASSIFICATION: NOT REGULATED

PRECAUTIONARY WARNING

USED MOTOR OIL IS A POSSIBLE SKIN CANCER HAZARD BASED ON ANIMAL DATA. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, GRIND OR DRILL ON OR NEAR CONTAINER OR EXPOSE T ANY SOURCE OF IGNITION. "EMPTY" CONTAINER RETAINS RESIDUE (LIQUID AND/OR VAPOR) AND MAY EXPLODE IN HEAT OF A FIRE.

SECTION I - COMPONENTS	PERCENT	EXPOSURE LIMIT	UNITS	AGENCY	TYPE
HAZARDOUS COMPONENTS					
HYDROTREATED DISTILLATE, HEAVY PARAFFIN					
CAS #: 64742-54-7	0.0 - 87.000	5.000	mg/m3	ACGIH	TWA
		10.000	mg/m3	ACGIH	STEL
		5.000	mg/m3	MSHA	TWA
		5.000	mg/m3	OSHA	TWA
		5.000	mg/m3	CAL OSHA	TWA
SOLVENT DEWAXED DISTILLATE, HEAVY PARAFFIN					
CAS #: 64742-65-0	0.0 - 87.000	5.000	mg/m3	ACGIH	TWA
		10.000	mg/m3	ACGIH	STEL
		5.000	mg/m3	MSHA	TWA
		5.000	mg/m3	OSHA	TWA
		5.000	mg/m3	CAL OSHA	TWA

SECTION I - COMPONENTS	PERCENT	EXPOSURE LIMIT	UNITS	AGENCY	TYPE
PROPRIETARY ZINC COMPOUND CAS #: PROPRIETARY	1.000 - 2.000	NOT ESTABLISHED			
OTHER COMPONENTS					
TRADE SECRET CAS #: PROPRIETARY	11.000 - 12.000	NOT ESTABLISHED			

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA 313 AND 40 CFR 372:

	CAS NUMBER	WEIGHT %
PROPRIETARY ZINC COMPOUND	PROPRIETARY	1-2

NOTE: HYDROTREATED DISTILLATE, HEAVY PARAFFIN AND SOLVENT DEWAXED DISTILLATE, HEAVY PARAFFIN COMPARABLE TO OIL MIST, IF GENERATED.

SECTION II - EMERGENCY AND FIRST AID PROCEDURES

EMERGENCY
Have physician call LOS ANGELES POISON CONTROL CENTER (24 hrs) (800) 356-3129

EYE CONTACT:

IF IRRITATION OR REDNESS DEVELOPS, MOVE VICTIM AWAY FROM EXPOSURE AND INTO FRESH AIR. FLUSH EYES WITH CLEAN WATER. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION.

SKIN CONTACT:

WIPE MATERIAL FROM SKIN AND REMOVE CONTAMINATED SHOES AND CLOTHING. CLEANSE AFFECTED AREA(S) THOROUGHLY BY WASHING WITH MILD SOAP AND WATER AND, IF NECESSARY, A WATERLESS SKIN CLEANSER. IF IRRITATION OR REDNESS DEVELOPS AND PERSISTS, SEEK MEDICAL ATTENTION.

INHALATION (BREATHING):

IF RESPIRATORY SYMPTOMS DEVELOP, MOVE VICTIM AWAY FROM SOURCE OF EXPOSURE AND INTO FRESH AIR. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION. IF VICTIM IS NOT BREATHING, IMMEDIATELY BEGIN ARTIFICIAL RESPIRATION. IF BREATHING DIFFICULTIES DEVELOP, OXYGEN SHOULD BE ADMINISTERED BY QUALIFIED PERSONNEL. SEEK IMMEDIATE MEDICAL ATTENTION.

INGESTION (SWALLOWING):

NO FIRST AID IS NORMALLY REQUIRED; HOWEVER, IF SWALLOWED, AND SYMPTOMS DEVELOP, SEEK MEDICAL ATTENTION.

SECTION III - HEALTH HAZARDS/ROUTES OF ENTRY

EYE CONTACT:

THIS MATERIAL MAY CAUSE MILD EYE IRRITATION. DIRECT CONTACT WITH THE LIQUID OR EXPOSURE TO VAPORS OR MISTS MAY CAUSE STINGING, TEARING AND REDNESS.

SKIN CONTACT:

THIS MATERIAL MAY CAUSE MILD SKIN IRRITATION. PROLONGED OR REPEATED CONTACT OR EXPOSURE TO VAPORS OR MISTS MAY CAUSE REDNESS AND BURNING, AND DRYING AND CRACKING OF THE SKIN. NO HARMFUL EFFECTS ARE EXPECTED FROM SKIN ABSORPTION OF THIS MATERIAL. PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS MATERIAL.

SECTION III - HEALTH HAZARDS/ROUTES OF ENTRY

INHALATION (BREATHING):

WHILE THIS MATERIAL HAS A LOW DEGREE OF TOXICITY, BREATHING HIGH CONCENTRATIONS OF VAPORS OR MISTS MAY CAUSE IRRITATION OF THE NOSE AND THROAT.

INGESTION (SWALLOWING):

WHILE THIS MATERIAL HAS A LOW DEGREE OF TOXICITY, INGESTION OF EXCESSIVE QUANTITIES MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT.

COMMENTS:

USED MOTOR OIL IS A POSSIBLE SKIN CANCER HAZARD BASED ON TESTS IN LABORATORY ANIMALS AND HAS BEEN IDENTIFIED AS A POSSIBLE CARCINOGEN BY IARC.

SECTION IV - SPECIAL PROTECTION INFORMATION

VENTILATION:

IF CURRENT VENTILATION PRACTICES ARE NOT ADEQUATE TO MAINTAIN AIRBORNE CONCENTRATIONS BELOW THE ESTABLISHED EXPOSURE LIMITS (SEE SECTION I), ADDITIONAL VENTILATION OR EXHAUST SYSTEMS MAY BE REQUIRED. WHERE EXPLOSIVE MIXTURES MAY BE PRESENT, ELECTRICAL SYSTEMS SAFE FOR SUCH LOCATIONS MUST BE USED.

RESPIRATORY PROTECTION:

THE USE OF RESPIRATORY PROTECTION IS ADVISED WHEN CONCENTRATIONS EXCEED THE ESTABLISHED EXPOSURE LIMITS (SEE SECTION I). DEPENDING ON THE AIRBORNE CONCENTRATION USE A RESPIRATOR OR GAS MASK WITH APPROPRIATE CARTRIDGES AND CANNISTERS (NIOSH APPROVED, IF AVAILABLE) OR SUPPLIED AIR EQUIPMENT.

PROTECTIVE GLOVES:

THE USE OF GLOVES IMPERMEABLE TO THE SPECIFIC MATERIAL HANDLED IS ADVISED TO PREVENT SKIN CONTACT AND POSSIBLE IRRITATION.

EYE PROTECTION:

APPROVED EYE PROTECTION TO SAFEGUARD AGAINST POTENTIAL EYE CONTACT, IRRITATION OR INJURY IS RECOMMENDED.

OTHER PROTECTIVE EQUIPMENT:

IT IS SUGGESTED THAT A SOURCE OF CLEAN WATER BE AVAILABLE IN THE WORK AREA FOR FLUSHING EYES AND SKIN. IMPERVIOUS CLOTHING SHOULD BE WORN AS NEEDED.

SECTION V - REACTIVITY DATA

REACTIVITY:

STABLE UNDER NORMAL CONDITIONS OF STORAGE AND HANDLING.

CONDITIONS AFFECTING REACTIVITY:

EXTENDED EXPOSURE TO HIGH TEMPERATURES MAY CAUSE DECOMPOSITION.

INCOMPATIBLE MATERIALS:

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

SECTION V - REACTIVITY DATA

HAZARDOUS DECOMPOSITION PRODUCTS:

COMBUSTION MAY YIELD MAJOR AMOUNTS OF OXIDES OF CARBON AND MINOR AMOUNTS OF OXIDES OF NITROGEN, PHOSPHOROUS, SULFUR AND ZINC.

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

POLYMERIZATION CONDITIONS TO AVOID:

NONE KNOWN

SECTION VI - SPILL AND LEAK PROCEDURES

HIGHWAY OR RAILWAY SPILLS
Call CHEMTREC (800) 424-9300 Cont. U.S.
(Collect) (202) 483-7616 from Alaska & Hawa

PRECAUTIONS IN CASE OF RELEASE OR SPILL:

MAY IGNITE. KEEP ALL SOURCES OF IGNITION AWAY FROM SPILL/RELEASE. STAY UPWIND AND AWA FROM SPILL/RELEASE. ISOLATE HAZARD AREA AND LIMIT ENTRY TO AUTHORIZED PERSONNEL. STOP SPILL/RELEASE IF IT CAN BE DONE WITHOUT RISK. WEAR APPROPRIATE PROTECTIVE EQUIPMENT INCLUDING RESPIRATORY PROTECTION AS CONDITIONS WARRANT (SEE SECTION IV). PREVENT SPILLED MATERIAL FROM ENTERING SEWERS, STORM DRAINS, OTHER UNAUTHORIZED TREATMENT DRAINAGE SYSTEMS AND NATURAL WATERWAYS. DIKE FAR AHEAD OF SPILL FOR LATER RECOVERY OR DISPOSAL. SPILLED MATERIAL MAY BE ABSORBED INTO AN APPROPRIATE ABSORBENT MATERIAL. NOTIFY FIRE AUTHORITIES AND APPROPRIATE FEDERAL, STATE AND LOCAL AGENCIES. IMMEDIATE CLEANUP OF ANY SPILL IS RECOMMENDED. IF SPILL OF ANY AMOUNT IS MADE INTO OR UPON U.S. NAVIGABLE WATERS, THE CONTIGUOUS ZONE, OR ADJOINING SHORELINES, NOTIFY THE NATIONAL RESPONSE CENTER (PHONE NUMBER 800-424-8802).

WASTE DISPOSAL METHOD:

DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL, COUNTY, STATE, AND FEDERAL REGULATIONS.

SECTION VII - STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS:

USE AND STORE THIS MATERIAL IN COOL, DRY, WELL VENTILATED AREAS AWAY FROM HEAT AND AL SOURCES OF IGNITION. KEEP CONTAINER(S) CLOSED. STORE ONLY IN APPROVED CONTAINERS. KEEP AWAY FROM ANY INCOMPATIBLE MATERIALS (SEE SECTION V). PROTECT CONTAINER(S) AGAINST PHYSICAL DAMAGE. DO NOT ENTER CONFINED SPACES SUCH AS TANKS OR PITS WITHOUT FOLLOWING PROPER ENTRY PROCEDURES SUCH AS ASTM D-4276. THE USE OF RESPIRATORY PROTECTION IS ADVISED WHEN CONCENTRATIONS EXCEED ANY ESTABLISHED EXPOSURE LIMITS (SEE SECTIONS I AND IV). WASH THOROUGHLY AFTER HANDLING. DO NOT WEAR CONTAMINATED CLOTHING OR SHOES. USE GOOD PERSONAL HYGIENE PRACTICE. "EMPTY" CONTAINERS RETAIN RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. "EMPTY" DRUMS SHOULI BE COMPLETELY DRAINED, PROPERLY BUNGED AND PROMPTLY SHIPPED TO THE SUPPLIER OR A DRUM RECONDITIONER. ALL OTHER CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH GOVERNMENTAL REGULATIONS. BEFORE WORKING ON OR IN TANK WHICH CONTAIN OR HAVE CONTAINED THIS PRODUCT, REFER TO OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS, ANSI Z49.1, AND OTHER GOVERNMENTAL AND INDUSTRIAL REFERENCES PERTAINING TO CLEANING, REPAIRING, WELDING, OR OTHER CONTEMPLATED OPERATIONS.

SECTION VIII - FIRE AND EXPLOSION HAZARD DATA

NFPA HAZARD CLASS			HAZARD RANKING	FLASH POINT
	HEALTH HAZARD:	1	0 = LEAST	
	FLAMMABILITY:	1	1 = SLIGHT	
	REACTIVITY:	0	2 = MODERATE	428 F (COC)
	OTHER:		3 = HIGH	220 C
			4 = EXTREME	

EXTINGUISHING MEDIA:

DRY CHEMICAL, CARBON DIOXIDE, HALON, FOAM OR WATER SPRAY IS RECOMMENDED.

UNUSUAL FIRE & EXPLOSION HAZARDS:

THIS MATERIAL MAY BURN, BUT WILL NOT IGNITE READILY. IF CONTAINER IS NOT PROPERLY COOLED, IT MAY EXPLODE IN THE HEAT OF A FIRE. VAPORS ARE HEAVIER THAN AIR AND MAY ACCUMULATE IN LOW AREAS.

SPECIAL FIRE FIGHTING PROCEDURES:

WEAR APPROPRIATE PROTECTIVE EQUIPMENT INCLUDING RESPIRATORY PROTECTION AS CONDITIONS WARRANT (SEE SECTION IV). STOP SPILL/RELEASE IF IT CAN BE DONE WITHOUT RISK. MOVE UNDAMAGED CONTAINERS FROM FIRE AREA IF IT CAN BE DONE WITHOUT RISK. WATER SPRAY MAY BE USEFUL IN MINIMIZING OR DISPERSING VAPORS AND COOLING EQUIPMENT EXPOSED TO HEAT AN FLAME. AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING PURPOSES.

SECTION IX - PHYSICAL DATA

***UNLESS OTHERWISE NOTED, VALUES ARE AT 20 C/68 F AND 760 mm Hg/1 atm.

APPROX BOILING POINT	(AIR = 1) VAPOR DENSITY	(N-BUTYL ACETATE = 1) EVAPORATION RATE	% VOLATILE
>600 F / 316 C	>1	<1	NEGLIGIBLE

% SOLUBILITY IN WATER

NEGLIGIBLE

SPECIFIC GRAVITY

0.89 - 0.91

APPEARANCE

CLEAR, BROWN LIQUID

ODOR

CHARACTERISTIC PETROLEUM

SECTION X - DOCUMENTARY INFORMATION

ISSUE DATE: 06/11/90 PRODUCT CODE NO. 03650XX30

PREV. DATE: 12/18/89 PREV. PROD. CODE NO. NONE

MSDS NO: NONE PREV. MSDS NO: NONE

SECTION X - DOCUMENTARY INFORMATION

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

The information in this document is believed to be correct as of the date issued. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENES OF THIS INFORMATION, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assume the risk of his use thereof.

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MATERIAL SAFETY DATA SHEET

Dow Chemical U.S.A.* Midland, MI 48674 Emergency Phone: 517-636-4400

Product Name: [redacted] - TECHNICAL

Effective Date: 06/08/90 Date Printed: 01/19/91 MSDS:000271

1. INGREDIENTS: (% w/w, unless otherwise noted)

Triethylene glycol	CAS# 000112-27-6	99%

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

2. PHYSICAL DATA:

BOILING POINT: 545.9F; 286C
VAP PRESS: < 1.0 mmHg @ 20C
VAP DENSITY: 5.18
SOL. IN WATER: Completely miscible
SP. GRAVITY: 1.1 @ 25/25C
APPEARANCE: Colorless liquid.
ODOR: Mild odor.

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: 350F; 177C
METHOD USED: PMCC

FLAMMABLE LIMITS
LFL: 0.9%
UFL: 9.2%

EXTINGUISHING MEDIA: Water fog, alcohol resistant foam, CO2, dry chemical.

FIRE & EXPLOSION HAZARDS: Not available.

FIRE-FIGHTING EQUIPMENT: Wear positive pressure self-contained

(Continued on Page 2)

3. FIRE AND EXPLOSION HAZARD DATA: (CONTINUED)

breathing apparatus.

4. REACTIVITY DATA:

STABILITY: (CONDITIONS TO AVOID) Will ignite in air at 700F.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Oxidizing material.

HAZARDOUS DECOMPOSITION PRODUCTS: Burning produces normal products of combustion, including carbon monoxide, carbon dioxide, and water.

HAZARDOUS POLYMERIZATION: Will not occur.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: Small spills: Soak up with absorbent material and collect for disposal. Large spills: dike to prevent contamination of waterways, then pump into suitable containers for disposal.

DISPOSAL METHOD: Burn in an approved incinerator in accordance with all local, state, and federal laws and regulations.

6. HEALTH HAZARD DATA:

EYE: Essentially nonirritating to eyes.

SKIN CONTACT: Prolonged or repeated exposure may cause skin irritation. May cause more severe response if skin is abraded (scratched or cut).

SKIN ABSORPTION: A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful

(Continued on Page 3)

6. HEALTH HAZARD DATA: (CONTINUED)

amounts. The dermal LD50 has not been determined.

INGESTION: Single dose oral toxicity is low. The oral LD50 for rats is 16,800-22,060 mg/kg.

INHALATION: No adverse effects are anticipated from inhalation.

SYSTEMIC & OTHER EFFECTS: Based on available data, repeated exposures are not anticipated to cause any significant adverse effects. Did not cause cancer in long-term animal studies. Birth defects are unlikely. Exposures having no adverse effects on the mother should have no effect on the fetus. In animal studies, has been shown not to interfere with reproduction.

7. FIRST AID:

EYES: Irrigate immediately with water for at least five minutes.

SKIN: Wash off in flowing water or shower.

INGESTION: Induce vomiting if large amounts are ingested. Consult medical personnel.

INHALATION: Remove to fresh air if effects occur. Call a physician.

NOTE TO PHYSICIAN: No specific antidote. Supportive care. Treatment based on judgment of the physician in response to the patient.

8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE: AIHA WEEL is 10 mg/m3 for polyethylene glycols.

VENTILATION: Provide general and/or local exhaust ventilation to

(Continued on Page 4)

8. HANDLING PRECAUTIONS: (CONTINUED)

control airborne levels below the exposure guidelines.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator. In misty atmospheres, use an approved mist respirator.

SKIN PROTECTION: For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or frequently repeated contact could occur, use protective clothing impervious to this material. Selection of specific items such as gloves, boots, apron or full-body suit will depend on operation. If hands are cut or scratched, use impervious gloves even for brief exposures.

EYE PROTECTION: Use safety glasses.

9. ADDITIONAL INFORMATION:

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Practice reasonable care to avoid exposure.

Trace quantities of ethylene oxide (EO) may be present in this product. While these trace quantities could accumulate in headspace areas of storage and transport vessels, they are not expected to create a condition which will result in EO concentrations greater than 0.5 ppm (8 hour TWA) in the breathing zone of the workplace for appropriate applications. OSHA has established a permissible exposure limit of 1.0 ppm 8 hr TWA for EO. (Code of Federal Regulations Part 1910.1047 of Title 29).

MSDS STATUS: Revised section 9 and regsheet.

(Continued on Page 5)

REGULATORY INFORMATION: (Not meant to be all-inclusive--selected regulations represented.)

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See MSD Sheet for health and safety information.

U.S. REGULATIONS

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Not to have met any hazard category

MATERIAL SAFETY DATA SHEET

DOW CHEMICAL U.S.A. MIDLAND, MICHIGAN 48674 EMERGENCY (517) • 636 • 4400

Product Name: AMBITROL (R) CN COOLANT

Effective Date: 06/08/90 Date Printed: 12/05/90 MSDS:000026

1. INGREDIENTS: (% w/w, unless otherwise noted)

Ethylene glycol	CAS# 000107-21-1	>90%
Diethylene glycol	CAS# 000111-46-6	<5%
Dipotassium phosphate	CAS# 007758-11-4	<5%
Water	CAS# 007732-18-5	<5%

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

2. PHYSICAL DATA:

BOILING POINT: 325F, 163C
VAP PRESS: Not determined.
VAP DENSITY: Not determined.
SOL. IN WATER: Infinite
SP. GRAVITY: 1.130 @ 60/60F, 16C
APPEARANCE: Green liquid.
ODOR: Information not available.

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: 265F, 129C
METHOD USED: PMCC

FLAMMABLE LIMITS
LFL: Not determined.
UFL: Not determined.

EXTINGUISHING MEDIA: Water fog, alcohol resistant, foam, CO2, dry chemical.

(Continued On Page 2)

3. FIRE AND EXPLOSION HAZARD DATA: (CONTINUED)

FIRE & EXPLOSION HAZARDS: Autoignition temperature in air is 748F, 398C.

FIRE-FIGHTING EQUIPMENT: Wear positive-pressure, self-contained breathing apparatus.

4. REACTIVITY DATA:

STABILITY: (CONDITIONS TO AVOID) Not considered to be a problem under normal storage conditions.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Oxidizing material.

HAZARDOUS DECOMPOSITION PRODUCTS: Products of combustion are carbon monoxide, carbon dioxide, and water.

HAZARDOUS POLYMERIZATION: Will not occur.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: Small spills: Soak up with suitable absorbent material and sweep into drums for disposal. Large spills: Dike around spill and pump into suitable container for disposal or reprocessing.

DISPOSAL METHOD: Burn in an approved incinerator in accordance with all local, state, and federal requirements.

6. HEALTH HAZARD DATA:

(Continued On Page 3)

6. HEALTH HAZARD DATA:

EYE: Essentially non-irritating to eyes. Vapors or mists may irritate eyes.

SKIN CONTACT: Prolonged or repeated exposure not likely to cause significant skin irritation. May cause more severe response if skin is abraded (scratched or cut).

SKIN ABSORPTION: A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. The dermal LD50 has not been determined. Repeated skin exposure to large quantities may result in absorption of harmful amounts.

INGESTION: Excessive exposure may cause central nervous system effects, cardiopulmonary effects (metabolic acidosis), and kidney failure. Amounts ingested incidental to industrial handling are not likely to cause injury; however ingestion of larger amounts could cause serious injury, even death. The oral LD50 for rats is 8200 mg/kg. Single oral dose toxicity is expected to be moderate to humans even though tests with animals show a lower degree of toxicity.

INHALATION: At room temperature, vapors are minimal due to low vapor pressure. If heated or sprayed as an aerosol, concentrations may be attained that are sufficient to cause irritation and other effects.

SYSTEMIC & OTHER EFFECTS: Excessive exposure may cause irritation to upper respiratory tract. Observations in animals include formation of bladder stones after repeated oral doses of diethylene glycol. Observations in animals include kidney and liver effects and deposition of calcium salts in various tissues after long-term dietary intake of ethylene glycol. Based on data from long-term animal studies, diethylene glycol is not believed to pose a carcinogenic risk to man. Ethylene glycol

(Continued On Page 4)

6. HEALTH HAZARD DATA: (CONTINUED)

did not cause cancer in long-term animal studies. Based on animal studies, ingestion of very large amounts of ethylene glycol appears to be the major and possibly only route of exposure to produce birth defects. Exposures by inhalation (tested nose-only in animals to prevent ingestion) or skin contact, the primary routes of occupational exposure, had minimal or essentially no effect on the fetus. Birth defects are unlikely from exposure to diethylene glycol. Exposures having no adverse effects on the mother should have no effect on the fetus. Diethylene glycol has not interfered with reprooduction in animal studies. In studies on rats, ethylene glycol has been shown not to interfere with reproduction. In studies on mice, ingestion of ethylene glycol in large amounts caused a small decrease in the number of litters per pair, live pups per litter and in live pup weight. Results of in vitro ('test tube') mutagenicity tests have been negative.

7. FIRST AID:

EYES: Irrigate immediately with water for at least five minutes.

SKIN: Wash off in flowing water or shower.

INGESTION: If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air if effects occur. Consult a physician.

NOTE TO PHYSICIAN: If burn is present, treat as any thermal burn, after decontamination. Consult standard literature. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient. In treatment of intoxication, the

(Continued On Page 5)

7. FIRST AID: (CONTINUED)

use of ethanol, hemodialysis and intravenous fluids to control acidosis should be considered (N Eng J Med 304:21 1981).

8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE: ACGIH TLV is 50 ppm Ceiling for ethylene glycol.

VENTILATION: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator.

SKIN PROTECTION: Use impervious gloves when prolonged or frequently repeated contact could occur.

EYE PROTECTION: Use safety glass. If vapor exposure causes eye discomfort, use a full-face respirator.

9. ADDITIONAL INFORMATION:

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid skin and eye contact. Avoid ingestion. Avoid breathing vapors or mists.

Trace quantities of ethylene oxide (EO) may be present in this product. While these trace quantities could accumulate in headspace areas of storage and transport vessels, they are not

(Continued On Page 6)

9. ADDITIONAL INFORMATION: (CONTINUED)

expected to create a condition which will result in EO concentrations greater than 0.5 ppm (8 hour TWA) in the breathing zones of the workplace for appropriate applications. OSHA has established a permissible exposure limit of 1.0 ppm 8 hr TWA for EO. (Code of Federal Regulations Part 1910.1047 of Title 29).

MSDS STATUS: Revised section 9 and regsheet.

(Continued On Page 7)

REGULATORY INFORMATION: (Not meant to be all-inclusive--selected regulations represented.)

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U.S. REGULATIONS

SARA 313 INFORMATION: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
ETHYLENE GLYCOL	000107-21-1	90 %

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

An immediate health hazard
A delayed health hazard

Plates

Lateral # 4 Compressor Station Site Diagram

S-3
DRAIN TANK
(NOT SHOWN ON THIS DRAWING) SEE SITE PLAN DWG. NO. E669A100
18 BBL DBL WALL/BOTTOM
DOUBLE TANK COMPANY

V-1
INLET VERTICAL SCRUBBER
54" I.D. X 1[illegible]" S/S
[illegible] psi MAWP
P & A, INC., DWG. #C-588

S-1
DRAIN TANK
75 BBL DBL WALL/BOTTOM
DOUBLE TANK CO.

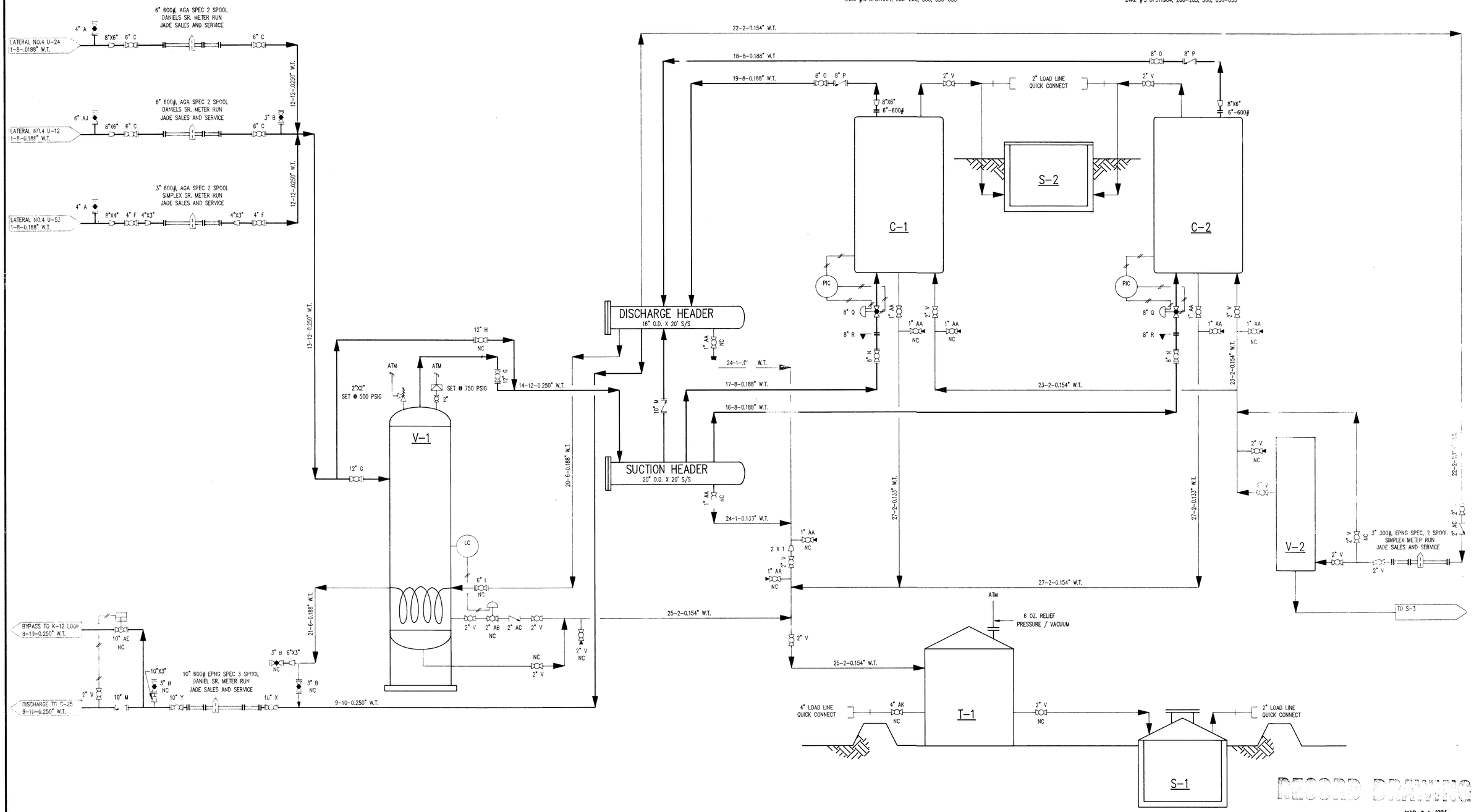
T-1
STOCK TANK
400 BBL API 12F SPEC
PERMIAN TANK CO.

C-1
RECIPROCATING COMPRESSOR
2 STAGE 1100 Hp
WAUKESHA - PEARCE / ARIEL
CONTRACT COMPRESSION INC.
DWG. #'S DF311904, 200-203, 300, 050-053

S-2
SKID DRAIN TANK
23 BBL DBL WALL/BOTTOM
DOUBLE TANK CO.

C-2
RECIPROCATING COMPRESSOR
2 STAGE 1100 Hp
WAUKESHA - PEARCE / ARIEL
CONTRACT COMPRESSION INC.
DWG. #'S DF311904, 200-203, 300, 050-053

V-2
FUEL GAS SEPARATOR/DEHYDRATOR
20" X 5'-0" LONG (SEPARATOR) & 6" X 7'-0" (GLYCOL CONTACTOR)
1 MAWP
BLACK, SIVALLS & BRYSON(1962), REMFG. P&A INC.(1993)



RECORD DRAWING
MAR 3 1 1994

VALVE LEGEND

A. 4", ANSI 300, PLUG VALVE, NORDSTROM
B. 3", ANSI 300, PLUG VALVE, NORDSTROM
C. 6", ANSI 300,RP, BALL VALVE, KF
F. 4", ANSI 300, BALL/PLUG VALVE, TEXSTEAM
G. 12", ANSI 300, FP, GEAR OPERATED BALL VALVE, KF
H. 12", ANSI 300, RP, GEAR OPERATED BALL VALVE, KF
I. 6", ANSI 300, FP, GEAR OPERATED BALL VALVE, KF
M. 10", ANSI 300, SWING CHECK VALVE, KF
N. 8", ANSI 300, FP, BALL VALVE, KF
O. 8", ANSI 300, RP, BALL VALVE, KF
P. 8", ANSI 300, SWING CHECK VALVE, KF
Q. 8", ANSI 300, BACK PRESSURE VALVE, FISHER MODEL ET
R. 8", ANSI 300, 100 MESH CONE, START-UP STRAINER
V. 2", 2000 psi, BALL VALVE, KF
X. 10", ANSI 300, FP, GEAR OPERATED BALL VALVE, KF
Y. 10", ANSI 300, RP, GEAR OPERATED BALL VALVE, KF
AA. 1", 2000 psi, BALL VALVE, KF
AB. 2", 2000 psi, DUMP VALVE, KIMRAY
AC. 2", 2000 psi, SWING CHECK VALVE, NORDSTROM
AE. 10", ANSI 300, RP, BALL VALVE WITH BETTIS 12 VOLT OVER PNEUMATIC OPERATOR
AJ. 6", ANSI 300, PLUG VALVE, KF
AK. 4", 600 psi, BALL VALVE, KF

NOTE:

1. ALL 2" VALVES, OR LESS ARE THREADED. ALL 3" VALVES, OR GREATER, ARE FLANGED WITH THE EXCEPTION OF "AK" WHICH IS THREADED.
2. ALL RISERS AND ABOVE GROUND PIPING ARE STD. WALL, GRADE B MATERIAL.
3. THIS P&D WAS COMPILED FROM P&D DRAWINGS AND SKETCHES PROVIDED BY UNOCAL.

REFERENCE DRAWINGS	
E669M100	UNOCAL CPD #4 SITE PLAN (LINE DESIGNATION KEY)
DWG. NO.	TITLE

REVISIONS				
NO.	DESCRIPTION	BY	CHK.	APPR. DATE
A	ISSUED AS APPROVED BY CLIENT	JB	MF	3/3/94

UNOCAL 76
FARMINGTON, NEW MEXICO

PIPING AND INSTRUMENT DIAGRAM
RINCON UNIT CPD #4

RIO ARRIBA COUNTY — NEW MEXICO

SCALE: NONE	DRAWN BY: JB 2/17/94	CHK'D BY: MF 3/5/94	APPRV'D BY: [illegible] 3/[illegible]/94

TRICON ENGINEERING INC
DENVER COLORADO
FARMINGTON NEW MEXICO

DRAWING NUMBER: D669F101 — REV.: A

S-3
DRAIN TANK
15 BBL, DW, WALL/BOTTOM
DOUBLE TANK COMPANY

V-1
INLET VERTICAL SCRUBBER
54" I.D. X 70'-0" S/S
200 PSI MAWP
P & A, INC, SWG #C-588

S-1
DRAIN TANK
75 BBL, DW, WALL/BOTTOM
DOUBLE TANK CO.

T-1
STOCK TANK
400 BBL API 12F SPEC
PERMIAN TANK CO.

C-1
RECIPROCATING COMPRESSOR
2 STAGE 1100 hp
WAUKESHA - PEARSEY ABEL
CONTRACT COMPRESSOR INC.

S-2
SKID DRAIN TANK
23 BBL, DW, WALL/BOTTOM
DOUBLE TANK CO.

C-2
RECIPROCATING COMPRESSOR
2 STAGE 1100 hp
WAUKESHA - PEARSEY ABEL
CONTRACT COMPRESSOR INC.

V-2
FUEL GAS SEPARATOR/DEHYDRATOR
20" X 5'-0" LONG (SEPARATOR) & 6" X 7'-0" (GLYCOL CONTACTOR)
BLACK, SIVALLS & BRYSON(1981), RDMFG. P&A INC.(1983)

N 5+00'-0"
N 4+00'-0"
N 3+00'-0"
N 2+00'-0"
N 1+00'-0"
N 0+00'-0"
E 1+00'-0"
E 2+00'-0"
E 3+00'-0"
E 4+00'-0"
E 5+00'-0"
E 6+00'-0"
E 7+00'-0"
E 8+00'-0"

DETAIL 2 — 6" DOGLEG
DETAIL 3 — 6" DOGLEG TO C-25
DETAIL 4 — BYPASS TO K-12 LOOP
DETAIL 1 — 8" CROSS OVER

6 - 8 - 0.250" W.T.
7 - 10 - 0.250" W.T.
5 - 20 - 0.250" W.T.
4 - 12 - 0.250" W.T.
3 - 8 - 0.250" W.T.
9 - 10 - 0.250" W.T.
8 - 10 - 0.250" W.T.
1 - 8 - 0.188" W.T.
1 - 8 - 0.188" W.T.
1 - 8 - 0.188" W.T.
26 - 20 - 0.250" W.T.
11 - 20 - 0.250" W.T.
4 - 12 - 0.250" W.T.
2 - 8 - 0.250" W.T.
10 - 8 - 0.109" W.T.

S 76°09'59" E 532.43'
N 11°51'51" W 253.84'
S 11°51'51" E 124.40'
EAST 513.51'

SET #5 REBAR WITH ALUMINUM CAP STAMPED NW COR. #4 CPD
SET #5 REBAR WITH ALUMINUM CAP STAMPED SW COR. #4 CPD
SET #5 REBAR WITH ALUMINUM CAP STAMPED SE COR. #4 CPD 35' OFFSET
SET #5 REBAR WITH PLASTIC CAP
SET NAIL IN ROAD
C-25 ACCESS ROAD

10' 3 SPOOL SR. METER CUSTODY TRANSFER
6" 2 SPOOL SR. METER
3" 2 SPOOL SIMPLEX METER
3" 2 SPOOL SIMPLEX METER
DISCHG. HDR.
SUCTION HDR.
(2) 2 STAGE COMPRESSORS
200 gal tube oil tank w/ berm
STOCK TANK
SUMP TANK

SET #6 REBAR WITH ALUMINUM CAP STAMPED 0.00,0.00 PLANT COORD.

30°36'56"
PLANT NORTH

8" CROSS OVER W/ 8" RISERS
K-12 LOOP 20"
K-12 12"
12" ...PASS
4"X12"
20" WELD CAP
K-24
A – 8", ANSI 300, PV, GEAR OPERATED, ROCKWELL
B – 4", ANSI 300, PV, NORDSTROM
C – 4", ANSI 300, PV, ROCKWELL
D – 4", ANSI 300, BV, KF
E – 4", YALE CAP

DETAIL 1 NOT TO SCALE

4", ANSI 300, PV
6", ANSI 300, PV
8" X 6"
U-24
6'
6"X6"
U-24

DETAIL 2 NOT TO SCALE

4", ANSI 600, PV
6", ANSI 600, PV
6"X10"
COMPRESSOR DISCHARGE
C-25 16"

DETAIL 3 NOT TO SCALE

10", ANSI 300, FLNGED SWING CHECK VALVE, KF
TO C-25
FROM CUSTODY TRANSFER METER RUN
10", ANSI 300, R.-., BV, KF W/ BETTIS 12 VOLT DC OVER PNEUMATIC, FAIL CLOSED
BYPASS TO K-12 LOOP

DETAIL 4 NOT TO SCALE

LINE NO.	DESIGNATION	OWNERSHIP	O.D. (inches)	WALL THICKNESS (inches)	GRADE	COATING	PROCESS	COVER (feet)
1	SUCTION TIE IN FROM MAIN LATERALS TOO PRODUCTION METER RUNS	EPNG	8.625	0.188	X-42	X-TRU	ERW	3
2	LATERAL No. 4, U – 53	EPNG	8.625	0.250	B	COAL TAR	ERW	2 – 4
3	LATERAL No. 4, U – 24	EPNG	8.625	0.250	B	COAL TAR	ERW	2 – 4
4	K – 12	EPNG	12.750	0.135	B	COAL TAR	SPIRAL WELD	2 – 4
5	LATERAL No. 4, U – 12	EPNG	20.000	0.250	B	COAL TAR	ERW	2 – 4
6	LATERAL No. 4, U – 24	EPNG	8.625	0.188	B	COAL TAR	ERW	2 – 4
7	C –25	EPNG	16.050	0.250	B	COAL TAR	ERW	2 – 4
8	COMPRESSOR SITE BYPASS FROM DISCHARGE TO K – 12 LOOP	EPNG	10.750	0.250	X-42	X-TRU	ERW	3
9	COMPRESSOR SITE DISCHARGE FROM CUSTODY TRANSFER METER TO C – 25	EPNG	10.750	0.250	X-42	X-TRU	ERW	3
10	K – 24	EPNG	8.625	0.109	B	COAL TAR	SPIRAL WELD	2 – 4
11	K – 12 LOOP	EPNG	20.000	0.250	B	COAL TAR	ERW	2 – 4
12	PRODUCTION METER HEADER	UNOCAL	12.750	0.250	X-42	X-TRU	ERW	4
13	PRODUCTION METER HEADER TO INLET SCRUBBER	UNOCAL	12.750	0.250	X-42	X-TRU	ERW	3
14	INLET SCRUBBER TO SUCTION HEADER	UNOCAL	12.750	0.250	X-42	X-TRU	ERW	3
15	DISCHARGE HEADER TO CUSTODY TRANSFER METER	UNOCAL	10.750	0.250	X-42	X-TRU	ERW	3
16	SUCTION HEADER TO COMPRESSOR No. 1	UNOCAL	8.625	0.188	X-42	X-TRU	ERW	3 – 4
17	SUCTION HEADER TO COMPRESSOR No. 2	UNOCAL	8.625	0.188	X-42	X-TRU	ERW	3 – 4
18	COMPRESSOR No. 1 TO DISCHARGE HEADER	UNOCAL	8.625	0.188	X-42	X-TRU	ERW	3
19	COMPRESSOR No. 2 TO DISCHARGE HEADER	UNOCAL	8.625	0.188	X-42	X-TRU	ERW	3
20	DISCHARGE HEADER TO INLET SCRUBBER HEATING COIL	UNOCAL	6.625	0.188	X-42	X-TRU	ERW	3
21	INLET SCRUBBER HEATING COIL TO CUSTODY TRANSFER METER	UNOCAL	6.625	0.188	X-42	X-TRU	ERW	3
22	DISCHARGER HEADER TO FUEL GAS METER RUN	UNOCAL	2.375	0.154	X-42	X-TRU	ERW	3
23	FUEL GAS METER RUN TO COMPRESSOR No. 1 & 2	UNOCAL	2.375	0.154	X-42	X-TRU	ERW	3
24	SUCTION AND DISCHARGE HEADER TO STOCK TANK FILL LINE	UNOCAL	1.315	0.133	B	35 MIL POLYKEN	ERW	3
25	STOCK TANK FILL LINE	UNOCAL	2.375	0.154	X-42	X-TRU	ERW	3
26	COMPRESSOR SITE BYPASS FROM DISCHARGE TO K-12 LOOP	EPNG	12.750	0.250	X-42	X-TRU	ERW	3
27	COMPRESSOR SCRUBBERS TO STOCK TANK FILL LINE	UNOCAL	2.375	0.154	X-42	X-TRU	ERW	3
28	COMPRESSOR SKID DRAIN	UNOCAL	2.375	0.154	X-42	X-TRU	ERW	3

ABOVE GROUND PIPING
BELOW GROUND PIPING

RECORD DRAWING
MAR 3 1 1994

NOTES:

1. THIS DRAWING IS A COMPILATION OF DATA TAKEN FROM ACTUAL FIELD NOTES, PHOTOGRAPHS AND SKETCHES PROVIDED BY NCE SURVEYS AND UNOCAL.

REFERENCE DRAWINGS

DWG. NO.	TITLE

REVISIONS

NO.	DESCRIPTION	BY	APPR.	DATE
A	ISSUED AS APPROVED BY CLIENT	JB		3/15/94

UNOCAL 76
FARMINGTON, NEW MEXICO

PLOT PLAN
RINCON UNIT CDP #4

RIO ARRIBA COUNTY NEW MEXICO
SCALE: 1" = 20'-0" | DRAWN BY: AR. 3/10/94 | CHK'D BY: MF 3/18/94 | APPROV'D BY: [illegible] 3/30/94

TRIGON ENGINEERING LLC
DENVER COLORADO
FARMINGTON NEW MEXICO

DRAWING NUMBER E669A100 | REV. A

R. 7 W.
R. 6 W.
RINCON UNIT BOUNDARY
STATE SECTION
T.27 N.
T.26 N.
R-7-W
R-6-W
CPD NO.1 (TIED TO K-32)
CPD NO.2 (TIED TO K-45)
CPD NO.4 (TIED TO C-25 & K-12)
U-28
U-35
U-48N
U-63
U-60
U-24
C-25
U-48S
U-57
U-53
K-12
K-45
K-24
K-32
U-29
U-21
U-44
U-23
U-47
U-12
U-18
U-19
LINE DRIP
(STATE)

LEGEND

- DUAL COMPLETION, DUAL FACILITIES
- DUAL COMPLETION, SURFACE COMINGLE, SINGLE FACILITIES
- SINGLE OR COMINGLED COMPLETION, SINGLE FACILITY
- PLUGGED AND ABANDONED WELL

REFERENCE DRAWINGS		REVISIONS			
		2	RE-ISSUED FOR 1995 WELL TIES	JB	
		1	RE-ISSUED FOR 1994 WELL TIES AND 1995 NEW DRILLS	JB	
		0	ISSUED AS APPROVED	JB	
DWG. NO.	TITLE	NO.	DESCRIPTION	BY APPR.	DATE

UNOCAL 76
FARMINGTON, NEW MEXICO

PIPELINE SCHEMATIC
RINCON UNIT GAS GATHERING

RIO ARRIBA COUNTY NEW MEXICO

SCALE: NONE | DRAWN BY J.B. 1/4/93 | CHK'D BY B. LIDDELL 3/11/94 | APPRV'D BY

TRIGON ENGINEERING INC
DENVER COLORADO
FARMINGTON NEW MEXICO

DRAWING NUMBER E633M100 | REV. 2