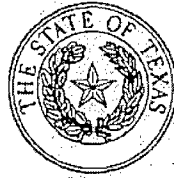


GW - 70

**GENERAL  
CORRESPONDENCE**

**YEAR(S):**  
2006-1991



## Office of the Secretary of State

### CERTIFICATE OF MERGER

The undersigned, as Secretary of State of Texas, hereby certifies that a filing instrument merging

44 Canyon, LLC  
Foreign Limited Liability Company (LLC)  
Colorado, USA  
[Entity not of Record, Filing Number Not Available]

HEC La Plata, LLC  
Foreign Limited Liability Company (LLC)  
Colorado, USA  
[File Number: 709161023]

HEC Peru, LLC  
Foreign Limited Liability Company (LLC)  
Delaware, USA  
[File Number: 709160923]

HEC Petroleum, Inc.  
Foreign For-Profit Corporation  
Delaware, USA  
[File Number: 5357306]

HEP PURE ACQUISITION, LLC  
Foreign Limited Liability Company (LLC)  
Delaware, USA  
[File Number: 709160823]

HEP Partners, L.P.  
Foreign Limited Partnership  
Delaware, USA  
[File Number: 4253711]

HEP San Juan, LLC  
Foreign Limited Liability Company (LLC)  
Delaware, USA  
[File Number: 709161223]

LA PLATA ASSOCIATES, LLC  
Foreign Limited Liability Company (LLC)  
Colorado, USA  
[File Number: 709161123]

Come visit us on the internet at <http://www.sos.state.tx.us/>  
Fax: (512) 463-5709



## Office of the Secretary of State

PRS OFFSHORE, L.P.  
Domestic Limited Partnership (LP)  
[File Number: 6510710]

Into

Chevron Midcontinent, L.P.  
[formerly: PURE RESOURCES, L.P.]  
Domestic Limited Partnership (LP)  
[File Number: 8054310]

has been received in this office and has been found to conform to law.

Accordingly, the undersigned, as Secretary of State, and by the virtue of the authority vested in the secretary by law, hereby issues this certificate evidencing the acceptance and filing of the merger on the date shown below.

Dated: 02/27/2006

Effective: 03/31/2006



A handwritten signature in black ink, reading "Roger Williams".

Roger Williams  
Secretary of State

CERTIFICATE OF MERGER OF

HEP PURE ACQUISITION, LLC  
HEP PARTNERS, L.P.  
HEP SAN JUAN, LLC  
LA PLATA ASSOCIATES, LLC  
HEC LA PLATA, LLC  
HEC PERU, LLC  
PRS OFFSHORE, L.P.  
44 CANYON, LLC  
HEC PETROLEUM, INC.

FILED  
In the Office of the  
Secretary of State of Texas

FEB 27 2006

Corporations Section

INTO  
PURE RESOURCES, L.P.

The undersigned limited partnership organized and existing under and by virtue of the Revised Limited Partnership Act of Texas

DOES HEREBY CERTIFY:

FIRST: That the name and state of formation of each of the constituent entities of the merger is as follows:

Name:	State of Formation
HEP Pure Acquisition, LLC	Delaware
HEP Partners, L.P.	Delaware
HEP San Juan, LLC	Delaware
La Plata Associates, LLC	Colorado
HEC La Plata, LLC	Colorado
HEC Peru, LLC	Delaware
PRS Offshore, L.P.	Texas
44 Canyon, LLC	Colorado
HEC Petroleum, Inc.	Delaware

SECOND: That a plan and agreement of merger between the parties to the merger has been approved, adopted, certified, executed and acknowledged by each of the constituent entities in accordance with the requirements of Section 2.11 of the Revised Limited Partnership Act of Texas.

THIRD: That the name and organizational form of the surviving entity of the merger is Pure Resources, L.P., a Texas limited partnership.

FOURTH: The Certificate of Formation of the surviving entity upon the effective date of the merger shall be the Certificate of Formation of said surviving company, except that the first paragraph therein, relating to the name of the company, is hereby amended so as to read as follows upon the effective date of the merger:

1: "The name of the Company is Chevron Midcontinent, L.P."

FIFTH: That the executed plan and agreement of merger is on file at the principal place of business of the surviving limited partnership. The address of the principal place of business of the surviving limited partnership is 6001 Bollinger Canyon Road, San Ramon, CA 94583.

SIXTH: That a copy of the plan and agreement of merger will be furnished to each partner in Pure Resources, L.P. at least 20 days before the merger is effective, unless waived by that partner.

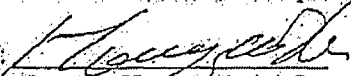
SEVENTH: That each of the constituent entities named above has duly authorized by all action required by the laws under which it was formed or organized and by its constituent documents, the plan of merger.

EIGHTH: That the merger shall be effective as of March 31, 2006.

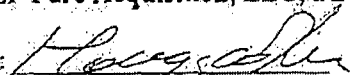
Executed on the 24<sup>th</sup> day of February, 2006.

Pure Resources, L.P., a Texas limited partnership

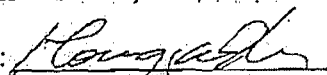
By: Chevron Midcontinent Operations Company, the General Partner

By:   
Hongyan Xun, Assistant Secretary

HEP Pure Acquisition, LLC, a Delaware limited liability company

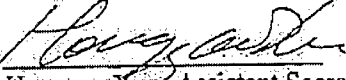
By:   
Hongyan Xun, Manager

HEP Partners, L.P., a Delaware limited partnership

By:   
Hongyan Xun, Assistant Secretary

**HEP San Juan, LLC, a Delaware limited company**

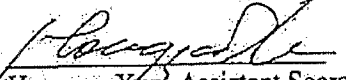
By: HEC Petroleum, Inc., the Manager

By: 

Hongyan Xun, Assistant Secretary

**La Plata Associates, LLC, a Colorado limited liability company**

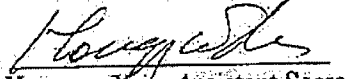
By: HEC Petroleum, Inc., the Manager

By: 

Hongyan Xun, Assistant Secretary

**HEC La Plata, LLC, a Colorado limited liability company**

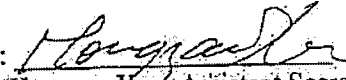
By: HEC Petroleum, Inc., the Manager

By: 

Hongyan Xun, Assistant Secretary

**HEC Peru, LLC, a Delaware limited liability company**

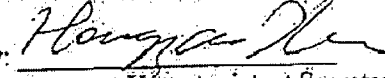
By: HEC Petroleum, Inc., the Manager

By: 

Hongyan Xun, Assistant Secretary

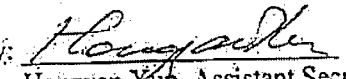
**PRS Offshore, L.P., a Texas limited partnership**

By: Chevron Midcontinent Operations Company, the General Partner

By: 

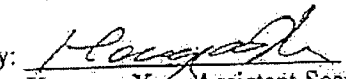
Hongyan Xun, Assistant Secretary

**44 Canyon, LLC, a Colorado limited liability company**

By: 

Hongyan Xun, Assistant Secretary

**HEC Petroleum, Inc., a Delaware Corporation**

By: 

Hongyan Xun, Assistant Secretary

**Price, Wayne, EMNRD**

---

**From:** Price, Wayne, EMNRD

**Sent:** Thursday, December 21, 2006 2:08 PM

**To:** 'tstrickland@chevron.com'

**Cc:** Powell, Brandon, EMNRD

**Subject:** Discharge Permits expired

Our records show these Pure Resources permits have expired. If these are Chevron-Texaco please submit a renewal application for each site with a \$100 filing fee (total \$400).

GW- 244	Lateral #4 Compressor St	30-27N-6W	Rio Arriba Co.
GW- 058	Navajo Compressor St	07-25N-10W	San Juan Co.
GW- 082	Lateral #1 Compressor St	27-27N-6W	Rio Arriba Co.
GW- 070	Lateral #2 Compressor St	01-26N-7W	Rio Arriba Co.

12/21/2006

**Price, Wayne, EMNRD**

---

**From:** Price, Wayne, EMNRD  
**Sent:** Thursday, December 21, 2006 1:48 PM  
**To:** 'eaklein@duke-energy.com'  
**Cc:** Perrin, Charlie, EMNRD; Powell, Brandon, EMNRD  
**Subject:** Old Uncal and Pure Resources compressor stations

Dear Ms. Klein:

Are the following sites Duke?

GW- 244	Lateral #4 Compressor St	30-27N-6W	Rio Arriba Co.
GW- 058	Navajo Compressor St	07-25N-10W	San Juan Co.
GW- 082	Lateral #1 Compressor St	27-27N-6W	Rio Arriba Co.
GW- 070	Lateral #2 Compressor St	01-26N-7W	Rio Arriba Co.

12/21/2006



THE SANTA FE  
**NEW MEXICAN**  
Founded 1849

NEW MEXICO OIL CONSERVATION DIVISION

ATTN: WAYNE PRICE

2040 S. PACHECO

SANTA FE, NM 87505

AD NUMBER: 210305

ACCOUNT: 56689

LEGAL NO: 69385

P.O.#: 01199000033

295 LINES 1 time(s) at \$ 130.03

AFFIDAVITS: 5.25

TAX: 8.46

TOTAL: 143.74

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO

COUNTY OF SANTA FE

I, M. Weideman being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication #69385 a copy of which is hereto attached was published in said newspaper 1 day(s) between 06/08/2001 and 06/08/2001 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 8 day of June, 2001 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/

M. Weideman

LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this  
8 day of June A.D., 2001

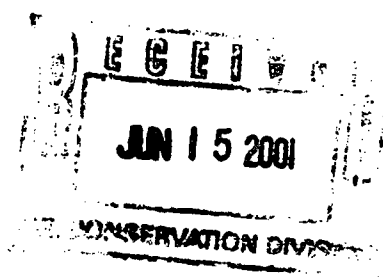
Notary

Laure R. Harding

Commission Expires

11/23/03

*Approved Wayne Price  
7/3/01  
JP*



# AFFIDAVIT OF PUBLICATION

Ad No. 44545

## STATE OF NEW MEXICO County of San Juan:

ALETHIA ROTH LISBERGER, being duly sworn says: That she 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 meeting of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication on the following day(s):

Thursdays, June 7, 2001.

And the cost of the publication is \$113.59.

Alethia Rothlisberger

ON 6/12/01 ALETHIA ROTH LISBERGER appeared before me, whom I know personally to be the person who signed the above document.

Danny Beck

My Commission Expires April 02, 2004

*APK*  
*7/3/01*  
*JD*

## COPY OF PUBLICATION

918

Legals

### NOTICE OF PUBLICATION

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

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

(GW-70) - Pure Resources, Mr. Mike Phillips, (505)-632-1811, P.O. Box 850, Bloomfield, New Mexico, 87413, has submitted a Discharge Plan Renewal Application for the Lateral #2 Compressor located in the SE/4 NW/4, Section 1, Township 26 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Approximately 4 gallons per day of scrubber and washdown water will be stored onsite in a closed top tank and disposed of at an OCD approved facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 400 feet with a total dissolved solids concentration of approximately 500 to 1,500 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-82) - Pure Resources, Mr. Mike Phillips, (505)-632-1811, P.O. Box 850, Bloomfield, New Mexico, 87413, has submitted a Discharge Plan Renewal Application for the Lateral #1 Compressor located in the NE/4 NE/4, Section 27, Township 27 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 4 gallons per day of scrubber and washdown water will be stored onsite in a closed top tank and disposed of at an OCD approved facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 400 feet with a total dissolved solids concentration of approximately 500 to 1,500 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-244) - Pure Resources, Mr. Mike Phillips, (505)-632-1811, P.O. Box 850, Bloomfield, New Mexico, 87413, has submitted a Discharge Plan Application for the Lateral #4 Compressor located in the SW/4 SW/4, Section 30, Township 27 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 210 gallons per day of scrubber and washdown water will be stored onsite in a closed top tank and disposed of at an OCD approved facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 400 feet with a total dissolved solids concentration of approximately 500 to 1,500 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 4 Th. day of June 2001.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

SEAL

LORI WROTENBERY, Director

Legal No. 44545, published in The Daily Times, Farmington, New Mexico, Thursday, June 7, 2001.

## LEGALS

### NOTICE OF PUBLICATION

#### STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RE- SOURCE DEPARTMENT OIL CONSERVATION DIVISION

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## LEGALS

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## LEGALS

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may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

## LEGALS

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 4th day of June, 2001.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

LORI WROTENBERY, Director  
Legal #69385  
Pub. June 8, 2001



# 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 6846**

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

**RE: Discharge Plan Renewal GW-070  
Pure Resources  
Lateral #2 Compressor Station  
Rio Arriba County, New Mexico**

Dear Mr. Phillips:

The groundwater discharge plan renewal GW-070 for the Pure Resources Lateral #2 Compressor Station located in the SE/4 NW/4 of Section 1, Township 26 North, Range 7 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 August 14, 1991 and approved on October 11, 1991 with an expiration date of October 11, 1996. 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 October 11, 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 #2 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-070 APPROVAL**  
**Pure Resources, Lateral #2 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 February 16, 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

\_\_\_\_\_  
Company Representative- Sign

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title



## **NOTICE OF PUBLICATION**

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

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

**(GW-70) - Pure Resources, Mr. Mike Phillips, (505)-632-1811, P.O. Box 850, Bloomfield, New Mexico, 87413, has submitted a Discharge Plan Renewal Application for the Lateral #2 Compressor located in the SE/4 NW/4, Section 1, Township 26 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Approximately 4 gallons per day of scrubber and washdown water will be stored onsite in a closed top tank and disposed of at an OCD approved facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 400 feet with a total dissolved solids concentration of approximately 500 to 1,500 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.**

**(GW-82) - Pure Resources, Mr. Mike Phillips, (505)-632-1811, P.O. Box 850, Bloomfield, New Mexico, 87413, has submitted a Discharge Plan Renewal Application for the Lateral #1 Compressor located in the NE/4 NE/4, Section 27, Township 27 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 4 gallons per day of scrubber and washdown water will be stored onsite in a closed top tank and disposed of at an OCD approved facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 400 feet with a total dissolved solids concentration of approximately 500 to 1,500 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.**

(GW-244) - Pure Resources, Mr. Mike Phillips, (505)-632-1811, P.O. Box 850, Bloomfield, New Mexico, 87413, has submitted a Discharge Plan Application for the Lateral #4 Compressor located in the SW/4 SW/4, Section 30, Township 27 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 210 gallons per day of scrubber and washdown water will be stored onsite in a closed top tank and disposed of at an OCD approved facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 400 feet with a total dissolved solids concentration of approximately 500 to 1,500 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 4 Th. day of June 2001.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



LORI WROTENBERY, Director

S E A L

## **NOTICE OF PUBLICATION**

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

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Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 4 Th. day of June 2001.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



LORI WROTENBERY, Director

SEAL



321 West Sycamore – P.O. Box 850  
Bloomfield, New Mexico 87413  
(505) 632-1811

New Mexico Oil Conservation Division  
Attn: Patricio Sanchez  
NMED-Water Quality Management  
2040 S. Pacheco  
Santa Fe, New Mexico 87505

February 16, 2001

*WAYNE PRICE*

A handwritten signature in dark ink, appearing to be 'Wayne Price', with a long horizontal line extending to the right.

**RE: Discharge Plan GW-070 Renewal  
Lateral # 2 Compressor Station  
Rio Arriba County, New Mexico**

*corrected per M Phillips 6/4/01*

Discharge plan ~~GW-072~~ was approved by NMOCD on July 2, 1996 for compressor station known as Lateral # 2 Compressor station located in Rio Arriba county, NM. This plan expires October 11, 2001.

Union Oil Company of California, dba Unocal was originally given the approved Discharge Plan. In the past few months, a merger between Unocal San Juan Basin Assets and Titan has taken place and a new company formed called Pure Resources Inc.. Unocal inadvertently did not notify OCD concerning the transfer of current Discharge Plan to newly formed company Pure Resources Inc.

Nothing has changed as far as the Discharge Plan is concerned, but changes need to be made to the original Discharge Plan as follows:

1. Under 1.0, 1.1, Name of Discharger or Legally responsible Party – Replace as follows:

**Pure Resources Inc.  
321 W. Sycamore  
P.O. Box 850  
Bloomfield, New Mexico 87413  
505-632-1811**

2. Under 1.0, 1.2, Name of Local Representative or Contact Person – Replace as follows:

**Pure Resources Inc.  
Mike Phillips  
P.O. Box 850  
321 W. Sycamore  
Bloomfield, New Mexico 87413  
505-632-1811 or Mobile 505-330-4694**

Attached you will find as follows for renewal of Discharge Plan due by October 11, 2001:

1. Renewal Application
2. Closure Plan
3. A check for the amount of \$400.00 for renewal fee

Modifications have been made recently to Lateral # 2, which includes the following:

1. Replace Waukesha Engine with Ajax, which has less air emissions.
2. Removal of Dehydrators on location, which eliminates HAP emissions and the need for Tri-ethylene glycol on location.
3. The removal of double lined pit.


**All items that were removed will be closed out according to attached Lateral # 2 Closure Plan. Results will be submitted to the NMOCD as to Pit condition according to NMOCD Order R-7940-C and BLM Environmental Assessment NM-070-93-3004.**

**The removal of this equipment and the change of engines will result in a cleaner operation.**

If you require further information, please contact Mike Phillips at letterhead address or 505-330-4694.

Thank you.

Sincerely,



Pure Resources Inc.  
Mike Phillips  
Production/Drilling Foreman  
gw24401.doc

MIKE TO SEND  
IN GENERIC CLOSURE  
PLAN!  
JP 6/9/01

Cc: Denny Foutz

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Revised March 17, 1999

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

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

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

☐ New ☒ Renewal ☐ Modification

1. Type: Compressor Station - Existing Lateral # 2 Compressor Station ~~GW-244~~

2. Operator: Pure Resources Inc.

Address: 321 W. Sycamore Bloomfield, New Mexico 87413

Contact Person: Mike Phillips Phone: 505-632-1811 Mobile 330-4694

3. Location: SE 4 NW 74 Section 26 Township 26N Range 7W

Submit large scale topographic map showing exact location.

## SEE ORIGINAL DISCHARGE PLAN FOR ITEMS 4-12

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. CERTIFICATION: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Mike Phillips

Title: Production /Drilling Foreman

Signature: [Signature]

Date: February 16, 2001

→ SE NW SEC 1 Ts 26 N 7W

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Revised March 17, 1999

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

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

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

☐ New ☒ Renewal ☐ Modification

1. Type: Compressor Station - Existing Lateral # 2 Compressor Station GW-244 *GW-70*
2. Operator: Pure Resources Inc.
- Address: 321 W. Sycamore Bloomfield, New Mexico 87413
- Contact Person: Mike Phillips Phone: 505-632-1811 Mobile 330-4694
3. Location: SE/4 NW/4 Section 26 Township 26N Range 7W
- Submit large scale topographic map showing exact location.

**SEE ORIGINAL DISCHARGE PLAN FOR ITEMS 4-12**

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.
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14. CERTIFICATION: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Mike Phillips

Title: Production /Drilling Foreman

Signature: *[Signature]*

Date: February 16, 2001



ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No.                      dated 3/22/01  
or cash received on                      in the amount of \$ 400<sup>00</sup>  
from PURE RESOURCES  
for LATERAL #2 COMP. ST. GW-70  
Submitted by: WAYNE PRICE (Primary Name) Date: 5/16/01 (Date)  
Submitted to ASD by:                      Date:                       
Received in ASD by:                      Date:                     

Filing Fee            New Facility            Renewal X  
Modification            Other                     

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment           

THE FRONT OF THIS DOCUMENT HAS A VOID FEATURE



PURE RESOURCES, L.P.  
OPERATING ACCOUNT  
500 WEST ILLINOIS  
MIDLAND, TEXAS 79701

CHASE BANK OF TEXAS N.A. - SAN ANGELO  
301 WEST BEAUREGARD  
SAN ANGELO, TX 76903  
88-88  
1113

CHECK NUMBER	CHECK DATE	CHECK AMOUNT
<u>                    </u>	<u>3/22/01</u>	<u>\$400.00</u>

PAY\*\*\*Four HUNDred Dollars & No/100\*\*

PAY  
TO  
THE  
ORDER  
OF

State of NM/NMED Water Quality  
Management Fund  
2048 Galisteo  
P.O. Box 26110  
Santa Fe, NM 87505

PURE RESOURCES, L.P.

GW-070

TWO SIGNATURES REQUIRED IN EXCESS OF \$25,000.00

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No.                      dated 4/18/01  
or cash received on                      in the amount of \$ 100<sup>00</sup>  
from PURE RESOURCES  
for LATERAL #2 COMP ST. GW-70  
Submitted by: WAYNE PRICE (Family Name) Date: 5/16/01 (Date)  
Submitted to ASD by:                      Date:                       
Received in ASD by:                      Date:                       
Filing Fee X New Facility                      Renewal                       
Modification                      Other                       
Organization Code 521.07 Applicable FY 2001  
To be deposited in the Water Quality Management Fund.  
Full Payment                      or Annual Increment                     

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PURE RESOURCES, L.P.  
OPERATING ACCOUNT  
500 WEST ILLINOIS  
MIDLAND, TEXAS 79701

CHASE BANK OF TEXAS N.A. - SAN ANGELO  
301 WEST BEAUREGARD  
SAN ANGELO, TX 76903  
88-88  
1113

CHECK NUMBER	CHECK DATE	CHECK AMOUNT
--------------	------------	--------------

<u>                    </u>	<u>4/18/01</u>	<u>\$100.00</u>
-----------------------------	----------------	-----------------

PAY\*\*\*One Hundred Dollars & No/100\*\*\*\*

PAY  
TO  
THE New MEXico Oil Conservation Div.  
ORDER 2220 South St. Francis  
OF Santa Fe, NM 87505

PURE RESOURCES, L.P.

GW-8T 70

Permit Fee-Rincon UN Lateral #2

TWO SIGNATURES REQUIRED IN EXCESS OF \$25,000.00



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**  
Governor  
**Jennifer A. Salisbury**  
Cabinet Secretary

**Lori Wrotenbery**  
Director  
**Oil Conservation Division**

## Memorandum of Meeting or Conversation

Telephone   X    
Personal         
E-Mail   X    
FAX:       

2/8/01 1:51 PM

**Originating Party:** Wayne Price-OCD

**Other Parties:** Mike Phillips-Pure Resources (Old Unocal) 505-632-1811 E-mail  
mphillips@pureresources.com

**Subject:** Discharge Plan Renewal Notice for the following Facilities:

GW- 244	Lateral #4 Compressor St.	expires	7/02/01
GW-085	Navajo Comp. St.	expires	9/16/01
GW-070	Lateral #2 Compressor St.	expires	10/11/01
GW-082	Lateral #1 Compressor St.	expires	10/11/01

**WQCC 3106.F.** If the holder of an approved discharge plan submits an application for discharge plan renewal at least 120 days before the discharge plan expires, and the discharger is not in violation of the approved discharge plan on the date of its expiration, then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved. A discharge plan continued under this provision remains fully effective and enforceable. An application for discharge plan renewal must include and adequately address all of the information necessary for evaluation of a new discharge plan. Previously submitted materials may be included by reference provided they are current, readily available to the secretary and sufficiently identified to be retrieved. [12-1-95]

**Discussion:** Discussed WQCC 3106F and gave notice to submit Discharge Plan renewal application with \$50.00 filing fee for the above listed facilities.

**Conclusions or Agreements:**

**Signed:** \_\_\_\_\_



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-594-835-266**

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

**RE: Approval of Discharge Plan GW-070  
Renewal "Lateral # 2" Compressor  
Rio Arriba County, New Mexico**

Dear Mr. Tabet:

The discharge plan renewal GW-070 for the Unocal "Lateral # 2" Compressor Station located in the SE/4 NW/4, Section 26, Township 26 North, Range 7 West, NMPM, Rio Arriba County, New Mexico, is hereby approved under the conditions contained in the enclosed attachment. The discharge plan renewal consists of the following items: The renewal application letter dated April 12, 1996 from Unocal, the discharge plan approval letter from OCD dated October 11, 1991, the inspection report from OCD dated June 28, 1996, and this renewal 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 renewal 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.

Mr. Mike Tabet  
Unocal  
GW-070 Renewal  
Page 2  
July 2, 1996

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.

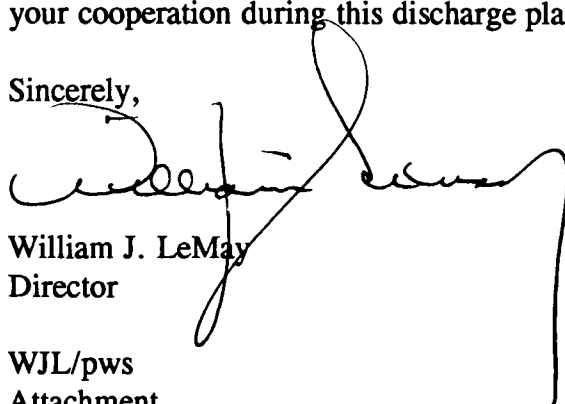
Pursuant to Section 3109.G.4, this plan is for a period of five (5) years. **This approval will expire October 11, 2001**, and an application for renewal should be submitted in ample time before that date. It should be noted that all discharge plan facilities will be required to submit plans for, or the results of, an underground drainage testing program as a requirement for discharge plan renewal.

The discharge plan renewal for the Unocal "Lateral # 2" Compressor Station GW-070 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). There is no flat fee for compressor facilities less than 1,000 horsepower.

**Note: The \$50 filing fee has been received by the OCD.**

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 594 835 266

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

Sent to	UNOCAL - Mr. Mike Tabet
Street & Number	P.O. Box 760 (GW-70)
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

Mr. Mike Tabet  
Unocal  
GW-070 Renewal  
Page 3  
July 2, 1996

**ATTACHMENT TO DISCHARGE PLAN GW-070 RENEWAL**  
**Unocal - "Lateral # 2" Compressor Station**  
**DISCHARGE PLAN REQUIREMENTS**  
**(July 2, 1996)**

1. **Unocal Commitments:** Unocal will abide by the commitments and conditions made in the following: The renewal application letter dated April 12, 1996 from Unocal, the discharge plan approval letter from OCD dated October 11, 1991, the inspection report from OCD dated June 28, 1996, and this renewal approval with conditions from OCD dated July 2, 1996.

2. **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.

3. **Process Areas:** 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.

4. **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.

5. **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.

6. **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.

7. **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.

Mr. Mike Tabet  
Unocal  
GW-070 Renewal  
Page 4  
July 2, 1996

8. **Underground Process/Wastewater Lines:** All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter. 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.

9. **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.

10. **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.

11. **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.

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

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

14. **Conditions accepted by:**

\_\_\_\_\_  
Company Representative

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 4/1/96  
or cash received on \_\_\_\_\_ in the amount of \$ 50.00

from UNOCAL  
for Lateral 2 GW-70

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_  
(Facility Name) (DP No.)

Submitted to ASD by: R. Chavlen Date: 5/9/96

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

Filing Fee ☒ New Facility \_\_\_\_\_ Renewal \_\_\_\_\_

Modification \_\_\_\_\_ Other \_\_\_\_\_  
(Optional)

Organization Code 521.07 Applicable FY 96

To be deposited in the Water Quality Management Fund.

Full Payment \_\_\_\_\_ or Annual Increment \_\_\_\_\_

ATBANK DELAWARE  
Subsidiary of Citicorp  
ONE PENN'S WAY  
NEW CASTLE, DE 19720

62-20  
311

Union Oil Company of California  
Accounts Payable

**UNOCAL** 



by Fifty Dollars And 00 Cents\*\*\*\*\*

the  
for

NEW MEXICO STATE  
OIL CONSERVATION DIV  
NMED - WATER QUALITY MANAGEMENT  
2040 S PACHECO ST  
SANTA FE, NM 87505

Date 01-APR-96 Check Amount \*\*\*\*\*50.00  
Void after six months from above date.

D. D. Chessum  
17 TREASURER





FOR INQUIRIES CONTACT LOCATION WHERE INVOICES WERE SUBMITTED

VENDOR NO.	DATE	CHECK NO.
102,050	04-01-96	

DATE	INVOICE/CREDIT MEMO NO.	VOUCHER NO.	GROSS	DISCOUNT	NET
11-MAR-96	GW70 SD CK MIKE TABET, UNOCAL, BOX 760, MOAB, UT, 84532	03966400693	50.00		50.00
TOTAL ▷			50.00		50.00

FORM 4-2B181 (REV. 11-95) PRINTED IN U.S.A.  
DETACH STUB BEFORE DEPOSITING CHECK

RECEIVED

NOTICE OF PUBLICATION

APR 22 1996

4253  
USFWS - NMESO

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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan application and renewal applications have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-70) - Unocal, Mr. Mike Tabet, (801)-686-7604, P.O. Box 760, Moab, Utah, 84532, has submitted a Discharge Plan Renewal Application for the Lateral #2 Compressor located in the SE/4 NW/4, Section 26, Township 26 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Approximately 4 gallons per day of scrubber and washdown water will be stored onsite in a closed top tank and disposed of at an OCD approved facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 400 feet with a total dissolved solids concentration of approximately 500 to 1,500 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 18th day of April, 1996.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
WILLIAM J. LEMAY, Director

S E A L

WJL/pws

**NO EFFECT FINDING**

The described action will have no effect on listed species, wetlands, or other important wildlife resources.

Date April 24, 1996

Consultation # GW OCD96-1

Approved by 

U.S. FISH and WILDLIFE SERVICE  
NEW MEXICO ECOLOGICAL SERVICES FIELD OFFICE  
ALBUQUERQUE, NEW MEXICO

# AFFIDAVIT OF PUBLICATION


No. 36220

STATE OF NEW MEXICO  
County of San Juan:

ROBERT LOVETT 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 on the following day(s):

Friday, April 26, 1996

and the cost of publication is: \$104.24



On 5-1-96 ROBERT LOVETT appeared before me, whom I know personally to be the person who signed the above document.

  
My Commission Expires April 2, 2000

RECEIVED

MAY 3 1996

Environmental Bureau  
Oil Conservation Division

## COPY OF PUBLICATION

### Legals



### NOTICE OF PUBLICATION

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

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 18th day of April, 1996.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION  
/s/WILLIAM L. LEMAY  
WILLIAM J. LEMAY, Director

SEAL

Legal No. 36220 published in The Daily Times, Farmington, New Mexico, on Friday, April 26, 1996.

# The Santa Fe New Mexican

Since 1849. We Read You.

NEW MEXICO OIL CONSERVATION

AD NUMBER: 493250

ACCOUNT: 56689

LEGAL NO: 59517

P.O. #: 96199002997

305 LINES once at \$ 122.00

Affidavits: 5.25

Tax: 7.95

Total: \$ 135.20

## AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO  
COUNTY OF SANTA FE

I, BETSY PERNER being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily news paper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 59517 a copy of which is hereto attached was published in said newspaper once each week for one consecutive week(s) and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 24th day of APRIL 1996 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/

Betsy Perner  
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this  
24th day of APRIL A.D., 1996



OFFICIAL SEAL

Candace C. Ruiz

NOTARY PUBLIC - STATE OF NEW MEXICO

My Commission Expires: 9/29/99

202 East Marcy Street • P.O. Box 2048 • Santa Fe, New Mexico 87501

505-983-3303 • (FAX) 505-984-1785

**NOTICE OF PUBLICATION**

**STATE OF NEW MEXICO**

**ENERGY, MINERALS  
AND NATURAL  
RESOURCES  
DEPARTMENT**

**OIL CONSERVATION  
DIVISION**

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 18th day of April, 1996.

STATE OF NEW MEXICO  
OIL CONSERVATION  
DIVISION  
WILLIAM J. LEMAY,  
Director  
Legal #59517  
Pub. April 24, 1996

# Affidavit of Publication

STATE OF NEW MEXICO } ss.  
County of Rio Arriba

I, Robert Trapp, being first duly sworn, declare and say that I am the Publisher of the Rio Grande Sun, a weekly newspaper, published in the English language, and having a general circulation in the City of Espanola and County of Rio Arriba, State of New Mexico, and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 of the Session Laws of 1937; that the publication, a copy of which is hereto attached,

was published in said paper once each week for ... 1 ... consecutive weeks, and on the same day of each week in the regular issue of the paper during the time of publication, and that the notice was published in the newspaper proper, and

not in any supplement, the first publication being on the ... 25<sup>th</sup> ... day of ... April 19<sup>th</sup> ... and the last publication on the ... 25<sup>th</sup> ... day of ... April 19<sup>th</sup> ...; that payment for said advertisement has been (duly made), or (assessed as court costs); that the undersigned has personal knowledge of the matters and things set forth in this affidavit.

## PUBLISHER'S BILL

175 lines one time at \$... 70 00  
10 off... times \$... 5 00  
Sub Total \$... 75 00  
Tax \$... 46 4  
Total \$... 79 64

Received payment

RIO GRANDE SUN

By .....

Robert Trapp

Publisher

Subscribed and sworn to before me this ... 25 ...  
day of ... April ... A.D., 19<sup>th</sup> ...

Ruth J. Trapp

Notary Public

My Commission expires

5-17-97

**NOTICE OF  
PUBLICATION  
STATE OF  
NEW MEXICO  
ENERGY, MINERALS  
AND NATURAL  
RESOURCES  
DEPARTMENT  
OIL CONSERVATION  
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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 18th day of April, 1996.

**STATE OF  
NEW MEXICO  
OIL  
CONSERVATION  
DIVISION  
WILLIAM J. LEMAY,  
Director**

(SEAL)  
(Published April 25, 1996)



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STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
WILLIAM J. LEMAY, Director

WJL/pws

S E A L



RECEIVED

APR 17 1996

Environmental Bureau  
Oil Conservation Division

New Mexico Oil Conservation Division  
Attn: Patricio Sanchez  
NMED-Water Quality Management  
2040 S. Pacheco  
Santa Fe, New Mexico 87505

April 12, 1996

**RE: Discharge Plan GW-70 Renewal  
Lateral # 2 Compressor Station  
Rio Arriba County, New Mexico**

A discharge plan GW-70 was approved by the NMOCD on October 11, 1991 for a compressor station known as the Lateral 2 Compressor Station located in San Juan County, New Mexico. This discharge plan is to expire on October 11, 1996.

This letter, the attached form, the attached closure plan, and the enclosed check for \$50.00 filing fee is Unocal's response to your letter of October 18, 1995 for renewal of Discharge Plan GW-70 for the Lateral # 2 Compressor Station.

At this time the Lateral # 2 Compressor station is actively being used. There have been no changes or modifications in the piping or operation of this facility. However, there have been address and nomenclature changes. These changes are provided for you on the attached copy of the original Discharge Plan. The changes are also itemized in this letter below. Basically, the operation continues as explained in the original Discharge Plan W-70, which was submitted to you on October 11, 1991. We would like to continue operating under that plan.

The following nomenclature changes should be made to the original Discharge plan:

1. Cover Sheet - Re-name Compressor Station Number 1 to Lateral # 2 Compressor Station
2. Cover Sheet - Replace Address with Unocal  
P.O. Box 760  
Moab, Utah 84532
3. Under 1.0, 1.1, Name of Discharger or Legally responsible Party - Replace Address as follows:

Union Oil Company of California, dba Unocal  
P.O. Box 760  
Moab, Utah 84532  
801-686-7600/7604

**4. Under 1.0, 1.1, Name of Local Representative or Contact Person - Replace Address as follows:**

Unocal  
R. L. Caine  
P.O. Box 850  
Bloomfield, New Mexico 87413  
505-632-1811 Ext. 10

**5. Under 1.0, 1.3 Location of Discharge - Add 1/4 section location with the following**

SE/NW Section 26, Township 26North, Range 7 West, NMPM

If you require further information for renewal of this Discharge plan, please contact me at letterhead address or 801-686-7604.

Sincerely,



Union Oil Company of California, dba Unocal  
Mike Tabet  
Staff HES Coordinator

cc: Randy Koliba  
Brett Ligget  
File  
plangw70.doc

DISTRICT I - (505) 393-6161

P.O. Box 1980, Hobbs, NM 88240

Hobbs, NM 88241-1980

DISTRICT II - (505) 748-1283

811 S. First

Artesia, NM 88210

DISTRICT III - (505) 334-6178

1000 Rio Brazos Rd.

Aztec, NM 87410

DISTRICT IV - (505) 827-7131

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

Revised 12/1/95

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

DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES,  
GAS PLANTS, REFINERIES, COMPRESSOR, AND CRUDE OIL PLUMP STATIONS  
(Refer to the OCD Guidelines for assistance in completing the application)

☐

New

☒

Renewal

☐

Modification

1. Type: Compressor Station - Existing Lateral # 2 Compressor Station GW 70 - 335 HP
2. Operator: Union Oil Company of California, dba Unocal
- Address: P.O. Box 760 Moab, Utah 84532 and Local: P.O. Box 850 Bloomfield, NM 87413
- Contact Person: Mike Tabet - Moab, Utah R.L. Caine - Bloomfield, NM Phone: 801-686-7604/505-632-1811 Ext. 10

3. Location: SE /4 NW /4 Section 26 Township 26N Range 7W  
Submit large scale topographic map showing exact location. *SEE ORIGINAL DISCHARGE PLAN FOR ITEM 4-12.*
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. CERTIFICATION

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: Mike Tabet

Title: Staff HES Coordinator

Signature: *Mike Tabet*

Date: April 12, 1996

**April 12, 1996**

**CLOSURE PLAN FOR LATERAL # 2 COMPRESSOR STATION - GW70**

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

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

The following is a description of Unocal's plan to close out the Lateral # 2 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 pan
4. Remove double lined pit liner from pit.

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, BLM Environmental Assessment NM-070-93-3004 and Navajo EPA Guidelines.
3. If protectable groundwater is found to be contaminated, the water will be tested with appropriate tests - BTEX, PAHs, and 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 met. A closure report will be issued to 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 # 2 Compressor site.

Lat #2

LATERAL # 2

**Compressor Station ~~Number 1~~  
Discharge Plan**

*August 2, 1991*

*Prepared for:*

*Unocal Corporation  
~~3300 North Butler Avenue~~ P.O. Box 760  
~~Suite 200~~ MOAB, UTAH 84532  
~~Farmington, NM 87401~~*

*Prepared by:*

**HYGIENETICS, INC./GEOSCIENCE CONSULTANTS, LTD**

**SOUTHWEST REGIONAL OFFICE  
500 Copper Avenue, NW  
Suite 200  
Albuquerque, New Mexico 87102  
(505) 842-0001  
FAX (505) 842-0595**

# Unocal Corporation Compressor Station Number 1 Discharge Plan

*Hygienetics, Inc./Geoscience Consultants, Ltd.*

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

~~3300 North Butler Avenue, Suite 200~~ P.O. BOX 760  
~~Farmington, NM 87401~~ MOAB, UTAH 84532  
~~(505) 326-7600~~ 801-686-7600 / 7604

### 1.2 Name of Local Representative or Contact Person

~~Steven W. Gregory, District Safety and Environment Coordinator~~  
~~Unocal Corporation~~  
~~3300 North Butler Avenue, Suite 200~~  
~~Farmington, NM 87401~~  
~~(505) 326-7600~~

UNOCAL  
P.O. BOX 850  
BLOOMFIELD, NM 87413  
505-632-1811 EXT 10  
ATTN: R.L. CAINE

### 1.3 Location of Discharge

SE1NW  
Section 1, Township 26 North, Range 7 West, NMPM  
UTM East 273300, UTM North 4044300  
Rio Arriba County, NM (plate 1)

### 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.



FOR INQUIRIES CONTACT LOCATION WHERE INVOICES WERE SUBMITTED

VENDOR NO.	DATE	CHECK NO.
1020950	04-01-96	

DATE	INVOICE/CREDIT MEMO NO.	VOUCHER NO.	GROSS	DISCOUNT	NET
11-MAR-96	GW70 SD CK MIKE TABET, UNOCAL, BOX 760, MOAB, UT, 84532	03966400693	50.00		50.00
			TOTAL ▶	50.00	50.00

FORM 4-2B181 (REV. 11-95) PRINTED IN U.S.A.  
DETACH STUB BEFORE DEPOSITING CHECK

CITIBANK DELAWARE  
A Subsidiary of Citicorp  
ONE PENN'S WAY  
NEW CASTLE, DE 19720

62-20  
311

Union Oil Company of California  
Accounts Payable

**UNOCAL** 76

Pay Fifty Dollars And 00 Cents\*\*\*\*\*

To the  
order  
of  
NEW MEXICO STATE  
OIL CONSERVATION DIV  
NMED - WATER QUALITY MANAGEMENT  
2040 S PACHECO ST  
SANTA FE, NM 87505

Date 01-APR-96 Check Amount \*\*\*\*\*50.00

Void after six months from above date.

*D. Chessum*

17 TREASURER

## OIL CONSERVATION DIVISION

October 18, 1995

CERTIFIED MAILRETURN RECEIPT NO. Z-765-963-081

Mr. Brett Liggett  
 District Production Engineer  
 UNOCAL  
 P.O. Box 850  
 Bloomfield, NM 87413

RE: Discharge Plan GW-70 Renewal  
 Station One Compressor  
~~San Juan County, New Mexico~~

Rio Arriba *qwb 3-12-96*  
 Dear Mr. Liggett:

On October 11, 1991, the groundwater discharge plan, GW-70, for the UNOCAL Compressor located in NW/4 NW/4, Section 1, Township 26 North, Range 7 West, NMPM, Rio Arriba County, New Mexico, will expire on October 11, 1996. The plan was approved by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulations and was approved for a period of five years.

If your facility continues to have potential or actual effluent or leachate discharges and you wish to continue operation, you must renew your discharge plan. If UNOCAL submits an application for renewal at least 120 days before the discharge plan expires (on or before June 11, 1996), then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved. The OCD is reviewing discharge plan submittals and renewals carefully and the review time can extend for several weeks to months. Please indicate whether you have made, or intend to make, any changes in your system, and if so, please include these modifications in your application for renewal.

The discharge plan renewal application for the Station One Compressor is subject to the WQCC Regulations 3-114 discharge plan fee. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of fifty (50) dollars. Since the facility is less than 1,000 horsepower there is no flat fee.

The (50) dollar filing fee is to be submitted with the discharge plan renewal application and is nonrefundable. Please make all checks payable to: NMED-Water Quality Management and addressed to the OCD Santa Fe Office.

Mr. Brett Liggett  
October 18, 1995  
Page 2

Please submit the original and one copy to the OCD Santa Fe Office and one copy to the OCD Aztec District Office. Note that the completed and signed application form must be submitted with your discharge plan renewal request. The following information is included: Application form, Guidelines, and WQCC regulations.

If you no longer have any actual or potential discharges a discharge plan is not needed, please notify this office. If you have any questions regarding this matter, please do not hesitate to contact Mr. Patricio W. Sanchez at (505) 827-7156.

Sincerely,



Roger C. Anderson  
Environmental Bureau Chief

RCA/pws

xc: Mr. Denny Foust

<b>SENDER:</b> <u>Unocal - GW-70, GW-85 (PWS)</u>		I also wish to receive the following services (for an extra fee):	
<ul style="list-style-type: none"><li>• Complete items 1 and/or 2 for additional services.</li><li>• Complete items 3, and 4a &amp; b.</li><li>• Print your name and address on the reverse of this form so that we can return this card to you.</li><li>• Attach this form to the front of the mailpiece, or on the back if space does not permit.</li><li>• Write "Return Receipt Requested" on the mailpiece below the article number.</li><li>• The Return Receipt will show to whom the article was delivered and the date delivered.</li></ul>		1. <input type="checkbox"/> Addressee's Address	
3. Article Addressed to: <u>Mr. Brett Liggett</u> <u>District Production Engineer</u> <u>UNOCAL</u> <u>P.O. Box 850</u> <u>Bloomfield, N.M. 87413</u>		2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
4a. Article Number <u>Z-765-963-083</u>		4b. Service Type <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise	
5. Signature (Addressee) <u>Melissa Osborne</u>		7. Date of Delivery <u>10/19/95</u>	
6. Signature (Agent) <u>Melissa Osborne</u>		8. Addressee's Address (Only if requested and fee is paid) <u>ORIGINAL IN</u> <u>GW-85</u>	
PS Form 3811, December 1991 * U.S.G.P.O. : 1992-307-530			
DOMESTIC RETURN RECEIPT			

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING  
GOVERNOR

October 11, 1991

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

CERTIFIED MAIL  
RETURN RECEIPT NO. P-327-278-264

Mr. Glen O. Papp  
UNOCAL Corporation  
3300 North Butler Ave  
Suite 200  
Farmington, New Mexico 87401

RE: Discharge Plan GW-70  
Compressor Station Number 1  
Rio Arriba County, New Mexico

*Lateral Dr. Compressor  
for Mr. Mike Tabet  
4-18-96*

Dear Mr. Papp:

The groundwater discharge plan GW-70 for the UNOCAL Compressor Station Number 1 located in the NW/4 NW/4, Section 1, Township 26 North, Range 7 West, NMPM, Rio Arriba County, New Mexico is hereby approved. The discharge plan consists of the application dated August 2, 1991.

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

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

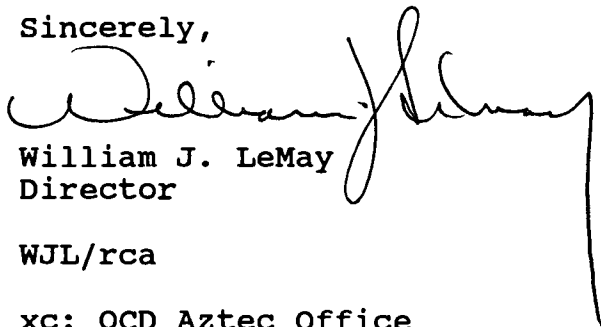
Please note that section 3-104 of the regulations requires that "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan". Pursuant to Section 3-107.c. you are required to notify the Director of any facility expansion, production increase, or process modification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

Mr. Glen O. Papp  
October 11, 1991  
Page -2-

Pursuant to Section 3-109.g.4., this plan approval is for a period of five years. This approval will expire October 11, 1996 and you should submit an application for renewal in ample time before that date.

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,

A handwritten signature in cursive script, appearing to read "William J. LeMay". The signature is written in dark ink and is positioned above the printed name and title.

William J. LeMay  
Director

WJL/rca

xc: OCD Aztec Office



OIL CONSERVATION DIVISION  
RECEIVED

**UNITED STATES  
DEPARTMENT OF THE INTERIOR**

**FISH AND WILDLIFE SERVICE**

Ecological Services

Suite D, 3530 Pan American Highway, NE  
Albuquerque, New Mexico 87107

October 9, 1991

Mr. William J. Lemay  
Director, New Mexico Energy, Minerals  
and Natural Resources Department  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Dear Mr. Lemay:

This responds to the Public Notice dated August 30, 1991, regarding the effects of granting State of New Mexico groundwater discharge permits on fish, shellfish, and wildlife resources in New Mexico.

The U.S. Fish and Wildlife Service (Service) has determined there are no wetlands or other environmentally sensitive habitats that will be adversely affected by the following discharges. Our data indicate no listed species would be affected by the proposed action.

GW-70 Union Oil Company of California, Compressor Station No. 1,  
Section 1, T26N, R7W, Rio Arriba County, New Mexico

GW-81 Union Oil Company of California, Compressor Station No. 2,  
Section 13, T27N, R7W, Rio Arriba County, New Mexico

GW-82 Union Oil Company of California, Compressor Station No. 3,  
Section 27, T27N, R6W, Rio Arriba County, New Mexico

GW-83 Union Oil Company of California, Compressor Station No. 4,  
Section 20, T27N, R6W, Rio Arriba County, New Mexico

GW-35 Conoco Inc., Section 14, T29N, R11W, San Juan County,  
New Mexico

Direct adverse impacts to migratory birds will occur from petroleum hydrocarbon contamination if the birds gain access to oil that is present on the ponds. Migratory birds that become covered by or ingest oil typically suffer mortality due to hypothermia or poisoning. The Service recommends that all tanks and ponds, regardless of size, be netted to prevent access by migratory birds.


Mr. William J. Lemay

2

Migratory birds are protected under the Migratory Birds Treaty Act (MBTA). If migratory birds become exposed to or accumulate harmful levels of contaminants, this constitutes "take" under the MBTA. The MBTA makes it unlawful for anyone at any time or in any manner to ". . . kill . . ." any migratory birds unless permitted by regulations promulgated under the Act. The courts have stated that the MBTA can be constitutionally applied to impose penalties to persons, associations, partnerships, or corporations that did not intend to "kill" migratory birds and that the MBTA includes poisoning by any means. The MBTA holds that the unlawful killing of even one migratory bird is an offense.

These comments represent the views of the Fish and Wildlife Service. If you have any questions, please contact Scott Hamilton-McLean at (505) 883-7877.

Sincerely,

  
for Jennifer Fowler-Propst  
Field Supervisor

cc:

Director, New Mexico Department of Game and Fish, Santa Fe, New Mexico  
Regional Administrator, U.S. Environmental Protection Agency, Dallas, Texas  
Regional Director, U.S. Fish and Wildlife Service, Fish and Wildlife  
Enhancement, Albuquerque, New Mexico

AFFIDAVIT OF PUBLICATION

No. 28272

STATE OF NEW MEXICO,  
County of San Juan:

CHRISTINE HILL being duly  
sworn, says: "That she is the  
NATIONAL AD MANAGER of  
The Farmington Daily Times, a daily  
newspaper of general circulation  
published in English in Farmington,  
said county and state, and that the  
hereto attached LEGAL NOTICE

was published in a regular and entire  
issue of the said Farmington Daily  
Times, a daily newspaper duly quali-  
fied for the purpose within the  
meaning of Chapter 167 of the 1937  
Session Laws of the State of New  
Mexico for ONE consecutive  
(days) (//////) on the same day as  
follows:

First Publication THURSDAY, SEPTEMBER 5, 1991

Second Publication \_\_\_\_\_

Third Publication \_\_\_\_\_

Fourth Publication \_\_\_\_\_

and that payment therefore in the  
amount of \$ 77.12 has been made.

*Christine Hill*

Subscribed and sworn to before me  
this 10th day of  
SEPTEMBER, 1991.

*Connie Andrae*

Notary Public, San Juan County,  
New Mexico

My Comm expires: JULY 3, 1993

COPY OF PUBLICATI

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

Notice is hereby given that pursuant to New Mexico  
Water Quality Control Commission Regulations, the  
following discharge plan applications and renewal ap-  
plications have been submitted to the Director of the  
Oil Conservation Division, State Land Office Building,  
P. O. Box 2088, Santa Fe, New Mexico 87504-2088,  
Telephone (505)827-5800:

(GW-70)-Union Oil Company of California, DBA  
UNOCAL, Glen O. Papp, District Production Engi-  
neer, 3300 North Butler, Suite 200, Farmington,  
New Mexico 87401, has submitted a discharge plan  
application for its Compressor Station Number 1  
located in the NW/4, NW/4, Section 1, Township 26  
North, Range 7 West, NMPM, Rio Arriba County,  
New Mexico. Approximately 4 gallons per day of  
washdown water and natural gas liquids will be  
collected in a double lined pond equipped with leak  
detection prior to disposal at an OCD approved  
offsite disposal facility. Groundwater most likely to  
be affected by an accidental discharge is at a depth  
in excess of 400 feet with a total dissolved solids  
concentration ranging from 500 mg/l to 1500 mg/l.  
The discharge plan addresses how spills, leaks and  
other accidental discharges to the surface will be  
managed.

(GW-81)-Union Oil Company of California, DBA  
UNOCAL, Glen O. Papp District Production Engi-  
neer, 3300 North Butler, Suite 200, Farmington,  
New Mexico 87401, has submitted a discharge plan  
application for its Compressor Station Number 2  
located in the SW/4, SW/4, Section 13, Township 27  
North, Range 7 West, NMPM, Rio Arriba County,  
New Mexico. Approximately 4 gallons per day of  
washdown water and natural gas liquids will be  
collected in a double lined pond equipped with leak  
detection prior to disposal at an OCD approved  
offsite disposal facility. Groundwater most likely to  
be affected by an accidental discharge is at a depth  
in excess of 550 feet with a total dissolved solids  
concentration ranging from 500 mg/l to 1500 mg/l.  
The discharge plan addresses how spills, leaks and  
other accidental discharges to the surface will be  
managed.

(GW-82)-Union Oil Company of California, DBA  
UNOCAL, Glen O. Papp, District Production Engi-  
neer, 3300 North Butler, Suite 200, Farmington,  
New Mexico 87401, has submitted a discharge plan  
application for its Compressor Station Number 3  
located in the NE/4, NE/4, Section 27, Township 27  
North, Range 6 West, NMPM, Rio Arriba County,  
New Mexico. Approximately 4 gallons per day of  
washdown water and natural gas liquids will be  
collected in a double lined pond equipped with leak  
detection prior to disposal at an OCD approved  
offsite disposal facility. Groundwater most likely to  
be affected by an accidental discharge is at a depth  
in excess of 400 feet with a total dissolved solids  
concentration ranging from 500 mg/l to 1500 mg/l.  
The discharge plan addresses how spills, leaks and  
other accidental discharges to the surface will be  
managed.

(GW-83)-Union Oil Company of California, DBA  
UNOCAL, Glen O. Papp District Production Engi-  
neer, 3300 North Butler, Suite 200, Farmington,  
New Mexico 87401, has submitted a discharge plan  
application for its Compressor Station Number 4  
located in the SW/4, SE/4, Section 20, Township 27  
North, Range 6 West, NMPM, Rio Arriba County,  
New Mexico. Approximately 4 gallons per day of  
washdown water and natural gas liquids will be  
collected in a double lined pond equipped with leak  
detection prior to disposal at an OCD approved  
offsite disposal facility. Groundwater most likely to  
be affected by an accidental discharge is at a depth  
in excess of 450 feet with a total dissolved solids  
concentration ranging from 500 mg/l to 1500 mg/l.  
The discharge plan addresses how spills, leaks and  
other accidental discharges to the surface will be  
managed.

(GW-35)-Conoco Inc., Rick McCalip, Director, Safe-  
ty and Environmental Services, Natural Gas and  
Gas Products Department, P. O. Box 2197, HU-  
3034, Houston, Texas, 77252, has submitted an  
application for discharge plan renewal for its San  
Juan Basin Gas Processing Plant located in the NW  
/4 NW/4, Section 14, Township 29 North, Range 11  
West, NMPM, San Juan County, New Mexico.  
Approximately 180,000 gallons per day of cooling  
tower wastewater is discharged to the City of  
Bloomfield Wastewater Treatment Facility.  
Groundwater most likely to be affected by an  
accidental discharge is at a depth of from 15 feet to  
55 feet with a total dissolved solids concentration in  
excess of 4400 mg/l. The discharge plan addresses  
how spills, leaks and other accidental discharges to  
the surface will be managed.

Any interested person may obtain further infor-  
mation from the Oil Conservation division and may  
submit written comments to the Director of the Oil  
Conservation Division at the address given above. The  
discharge plan application may be viewed at the above  
address between 8:00 a.m. and 5:00 p.m., Monday  
through Friday. Prior to ruling on any proposed dis-  
charge plan or its modification, the Director of the Oil  
Conservation Division shall allow at least thirty (30)  
days after the date of publication of this notice during  
which comments may be submitted to him and public  
hearing may be requested by any interested person.



STATE OF NEW MEXICO  
County of Bernalillo

ss

Thomas J. Smithson being duly sworn declares and says that he is National Advertising manager of the Albuquerque Journal, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made or assessed as court costs; that the notice, a copy of which is hereto attached, was published in said paper in the regular daily edition,

for.....1.....times, the first publication being on the.....12.....day  
of.....Sept....., 1991, and the subsequent consecutive  
publications on....., 1991.

Sworn and subscribed to before me, a Notary Public in  
and for the County of Bernalillo and State of New  
Mexico, this .....12..... day of.....Sept....., 1991.

PRICE.....\$51.11

Statement to come at end of month.

ACCOUNT NUMBER.....C 81184

NOTICE OF PUBLICATION  
STATE OF NEW MEXICO  
ENERGY, MINERALS AND  
NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan applications and renewal applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(GW-70)-Union Oil Company of California, DBA UNOCAL, Glen O. Papp, District Production Engineer, 3300 North Butler, Suite 200, Farmington, New Mexico, 87401, has submitted a discharge plan application for its Compressor Station Number 1 located in the NW/4, NW/4, Section 1 Township 26 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Approximately 4 gallons per day of washdown water and natural gas liquids will be collected in a double lined pond equipped with leak detection prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth in excess of 400 feet with a total dissolved solids concentration ranging from 500 mg/l to 1500 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-81)-Union Oil Company of California, DBA UNOCAL, Glen O. Papp, District Production Engineer, 3300 North Butler, Suite 200, Farmington, New Mexico 87401, has submitted a discharge plan application for its Compressor Station Number 2 located in the SW/4, SW/4, Section 13, Township 27 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Approximately 4 gallons per day of washdown water and natural gas liquids will be collected in a double lined pond equipped with leak detection prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth in excess of 550 feet with a total dissolved solids concentration ranging from 500 mg/l to 1500 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-82)-Union Oil Company of California, DBA UNOCAL, Glen O. Papp, District Production Engineer, 3300 North Butler, Suite 200, Farmington, New Mexico 87401, has submitted a discharge plan application for its Compressor Station Number 3 located in the NE/4, NE/4, Section 27, Township 27 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 4 gallons per day of washdown water and natural gas liquids will be collected in a double lined pond equipped with leak detection prior to disposal at an OCD approved offsite disposal facility.

OFFICIAL SEAL  
Bernadette Ortiz  
BERNADETTE ORTIZ  
NOTARY PUBLIC-NEW MEXICO  
WITH SECRETARY OF STATE  
Expires 12-18-93

CLA-22-A (R-12/91)

OIL

'91

(GW-83)-Union Oil Company of California, DBA UNOCAL, Glen O. Papp, District Production Engineer, 3300 North Butler, Suite 200, Farmington, New Mexico 87401, has submitted a discharge plan application for its Compressor Station Number 4 located in the NW/4, SE/4, Section 20, Township 27 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 4 gallons per day of washdown water and natural gas liquids will be collected in a double lined pond equipped with leak detection prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth in excess of 450 feet with a total dissolved solids concentration ranging from 500 mg/l to 1500 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-35)-Conoco Inc., Rick McCallip, Director, Safety and Environmental Services, Natural Gas and Gas Products Department, P.O. Box 2197, HU 3034, Houston, Texas, 77252, has submitted an application for discharge plan renewal for its San Juan Basin Gas Processing Plant located in the NW/4, NW/4, Section 14, Township 26 North, Range 11 West, NPMP, San Juan County, New Mexico. Approximately 180,000 gallons per day of cooling tower wastewater is discharged to the City of Bloomfield Wastewater Treatment Facility. Groundwater most likely to be affected by an accidental discharge is at a depth of from 15 feet to 55 feet with a total dissolved solids concentration in excess of 4400 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Discharge Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 5:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan based on information, in the plan, and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 5th day of August, 1991.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION  
WILLIAM J. LEMAY, Director  
Journal: September 12, 1991.

**NOTICE OF PUBLICATION**

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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan applications and renewal applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P. O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

**(GW-70) - Union Oil Company of California, DBA UNOCAL, Glen O. Papp, District Production Engineer, 3300 North Butler, Suite 200, Farmington, New Mexico 87401, has submitted a discharge plan application for its Compressor Station Number 1 located in the NW/4, NW/4, Section 1, Township 26 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Approximately 4 gallons per day of washdown water and natural gas liquids will be collected in a double lined pond equipped with leak detection prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth in excess of 400 feet with a total dissolved solids concentration ranging from 500 mg/l to 1500 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.**

**(GW-81) - Union Oil Company of California, DBA UNOCAL, Glen O. Papp, District Production Engineer, 3300 North Butler, Suite 200, Farmington, New Mexico 87401, has submitted a discharge plan application for its Compressor Station Number 2 located in the SW/4, SW/4, Section 13, Township 27 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Approximately 4 gallons per day of washdown water and natural gas liquids will be collected in a double lined pond equipped with leak detection prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth in excess of 550 feet with a total dissolved solids concentration ranging from 500 mg/l to 1500 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.**

**(GW-82) - Union Oil Company of California, DBA UNOCAL, Glen O. Papp, District Production Engineer, 3300 North Butler, Suite 200, Farmington, New Mexico 87401, has submitted a discharge plan application for its Compressor Station Number 3 located in the NE/4, NE/4, Section 27, Township 27 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 4 gallons per day of washdown water and natural gas liquids will be collected in a double lined pond equipped with leak detection prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth in excess of 400 feet with a total dissolved solids concentration ranging from 500 mg/l to 1500 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.**

(GW-83) - Union Oil Company of California, DBA UNOCAL, Glen O. Papp, District Production Engineer, 3300 North Butler, Suite 200, Farmington, New Mexico 87401, has submitted a discharge plan application for its Compressor Station Number 4 located in the SW/4, SE/4, Section 20, Township 27 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 4 gallons per day of washdown water and natural gas liquids will be collected in a double lined pond equipped with leak detection prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth in excess of 450 feet with a total dissolved solids concentration ranging from 500 mg/l to 1500 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

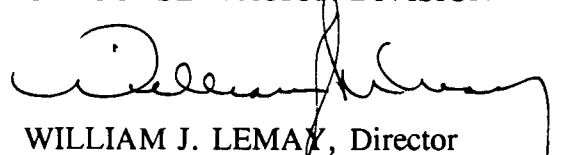
(GW-35) - Conoco Inc., Rick McCalip, Director, Safety and Environmental Services, Natural Gas and Gas Products Department, P. O. Box 2197, HU 3034, Houston, Texas, 77252, has submitted an application for discharge plan renewal for its San Juan Basin Gas Processing Plant located in the NW/4 NW/4, Section 14, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Approximately 180,000 gallons per day of cooling tower wastewater is discharged to the City of Bloomfield Wastewater Treatment Facility. Groundwater most likely to be affected by an accidental discharge is at a depth of from 15 feet to 55 feet with a total dissolved solids concentration in excess of 4400 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 5:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 30th day of August, 1991.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY, Director

S E A L

**Geoscience Consultants, Ltd.**

500 Copper Avenue N.W. Suite 200  
Albuquerque, New Mexico 87102  
(505) 842-0001 FAX (505) 842-0595



August 14, 1991

RECEIVED

AUG 14 1991

Mr. Roger Anderson  
Oil Conservation Division  
P.O. Box 2088, RM #206  
Santa Fe, NM 87504

OIL CONSERVATION DIV.  
SANTA FE

RE: COMPRESSOR STATION NUMBER ONE DISCHARGE PLAN

Dear Mr. Anderson:

Enclosed are three copies of the Discharge Plan for Unocal's compressor station number one located in Section 1, Township 26 North, Range 7 West, NMPM, Rio Arriba County.

Construction of the compressor station number one is scheduled to start in October 1991.

If you have any comments or questions regarding the plan, please contact me at 842-0001.

Sincerely,  
H+GCL

*Patrick A. O'Connell for*

Gary L. Jordan  
Senior Engineer

GLJ/llb/0540/ANDER001.LTR

Enclosure

cc: Steven W. Gregory, Unocal (with enclosure)



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

BRUCE KING  
GOVERNOR

June 5, 1991

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

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-327-278-145**

Mr. Steven W. Gregory  
Unocal Oil and Gas Division  
3300 North Butler Avenue  
Farmington, New Mexico 87401

RE: Discharge Plan Requirements

Dear Mr. Gregory:

The Oil Conservation Division (OCD) has received your Notice of Intent to Discharge, dated May 21, 1991, for four proposed compressor stations.

Under the provisions of the Water Quality Control Commission (WQCC) Regulations, you are hereby notified that the filing of discharge plans is required for the following compressor stations:

1. Compressor Station Number One  
Section 1, Township 26 North, Range 7 West, Rio Arriba County, New Mexico.
2. Compressor Station Number Two  
Section 13, Township 27 North, Range 7 West, Rio Arriba County, New Mexico.
3. Compressor Station Number Three  
Section 27, Township 27 North, Range 6 West, Rio Arriba County, New Mexico.
4. Compressor Station Number Four  
Section 20, Township 27 North, Range 6 West, Rio Arriba County, New Mexico.

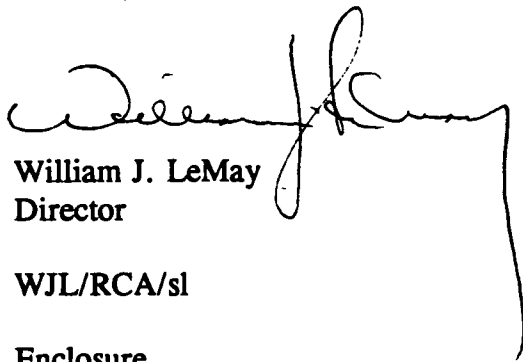
This notification of discharge plan requirement is pursuant to Sections 3-104 and 3-106 of the WQCC Regulations. The discharge plan, defined in Section 1.101.P. of the WQCC Regulations, should cover all discharges of effluent or leachate at the plant site or adjacent to the plant site. Included in the application should be plans for controlling spills and accidental discharges at the facility (including detection of leaks in buried underground tanks and/or piping).

Mr. Steven W. Gregory  
June 5, 1991  
Page -2-

A copy of the regulations is enclosed for your convenience. Also enclosed is a copy of an OCD guide to the preparation of discharge plans for gas processing plants. The guidelines are presently being revised to include berming of tanks, curbing and paving of process areas susceptible to leaks or spills and the disposition of any solid wastes. Three copies of your discharge plan should be submitted.

If there are any questions on this matter, please feel free to call David Boyer at 827-5812, or Roger Anderson at 827-5884 as they have the assigned responsibility for review of all discharge plans.

Sincerely,

A handwritten signature in dark ink, appearing to read 'William J. LeMay', is written over the typed name and title. The signature is fluid and cursive, with a long horizontal stroke extending to the right.

William J. LeMay  
Director

WJL/RCA/sl

Enclosure

cc: OCD Aztec Office

**Geoscience Consultants, Ltd.**

500 Copper Avenue N.W. Suite 200  
Albuquerque, New Mexico 87102  
(505) 842-0001 FAX (505) 842-0595

**GCL**



**RECEIVED**

**MAY 22 1991**

**OIL CONSERVATION DIV.  
SANTA FE**

May 21, 1991

Mr. Roger Anderson  
Oil Conservation Division  
P.O. Box 2088, RM #206  
Santa Fe, NM 87504

RE: COMPRESSOR STATION NUMBER ONE NOTICE OF INTENT TO  
DISCHARGE

Dear Mr. Anderson:

Enclosed is a Notice of Intent to Discharge for Unocal's compressor station number one located in Section 1, Township 26 North, Range 7 West, NMPM, Rio Arriba County.

The construction of the compressor station number one is scheduled to start in October, 1991.

We look forward to working with you as you review the Notice of Intent and your determination as for need of a Discharge Plan for compressor station number one.

Sincerely,  
GEOSCIENCE CONSULTANTS, LTD.

Gary L. Jordan  
Senior Engineer

GLJ/lb/0540/OCD001.LTR

Enclosure

cc: Steven W. Gregory, Unocal

225

## NOTICE OF INTENT

1) Name and address of person making the discharge:

Unocal Oil and Gas Division  
Unocal Corporation  
3300 North Butler Avenue  
Suite 200  
Farmington, NM 87401  
ATTN: Steven W. Gregory

2) Location of the discharge:

Compressor Station Number 1, Section 1, Township 26 North, Range 7 West,  
NMPM (Plate 1).

3) Type of discharge:

- (1) Used lubricating oil, which is changed out from the compressor.
- (2) Ambitrol (Dow Chemical glycol), is used as a coolant for the compressors and is added as evaporation takes place.
- (3) Fresh water is used for wash down water to clean or wash down the compressors and engines.

4) The means of discharge:

- (1) The used lubricating oil is stored in an above ground tank and picked up by Mesa Oil for recycling.
- (2) Ambitrol (glycol) is not changed out, and is only added as needed.
- (3) Wash down water is held in a double-lined storage tank and then transported to an approved wastewater disposal site.

5) The type of operation from which the discharge is derived:

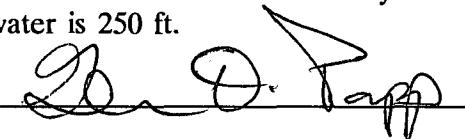
Compressor station number 1 is a field compression facility for compressing of "pipeline quality" gas.

6) The estimated flow to be discharged per day:

- (1) Used lubricating oil is collected at a rate of 15-20 gallons per month.
- (2) Make up Ambitrol is added at a rate of 4-5 gallons per year.
- (3) Wash down water is collected at a rate of 10 gallons per month.

7) The estimated depth to ground water:

Based on well information from nearby water wells owned by Unocal, estimated depth to ground water is 250 ft.

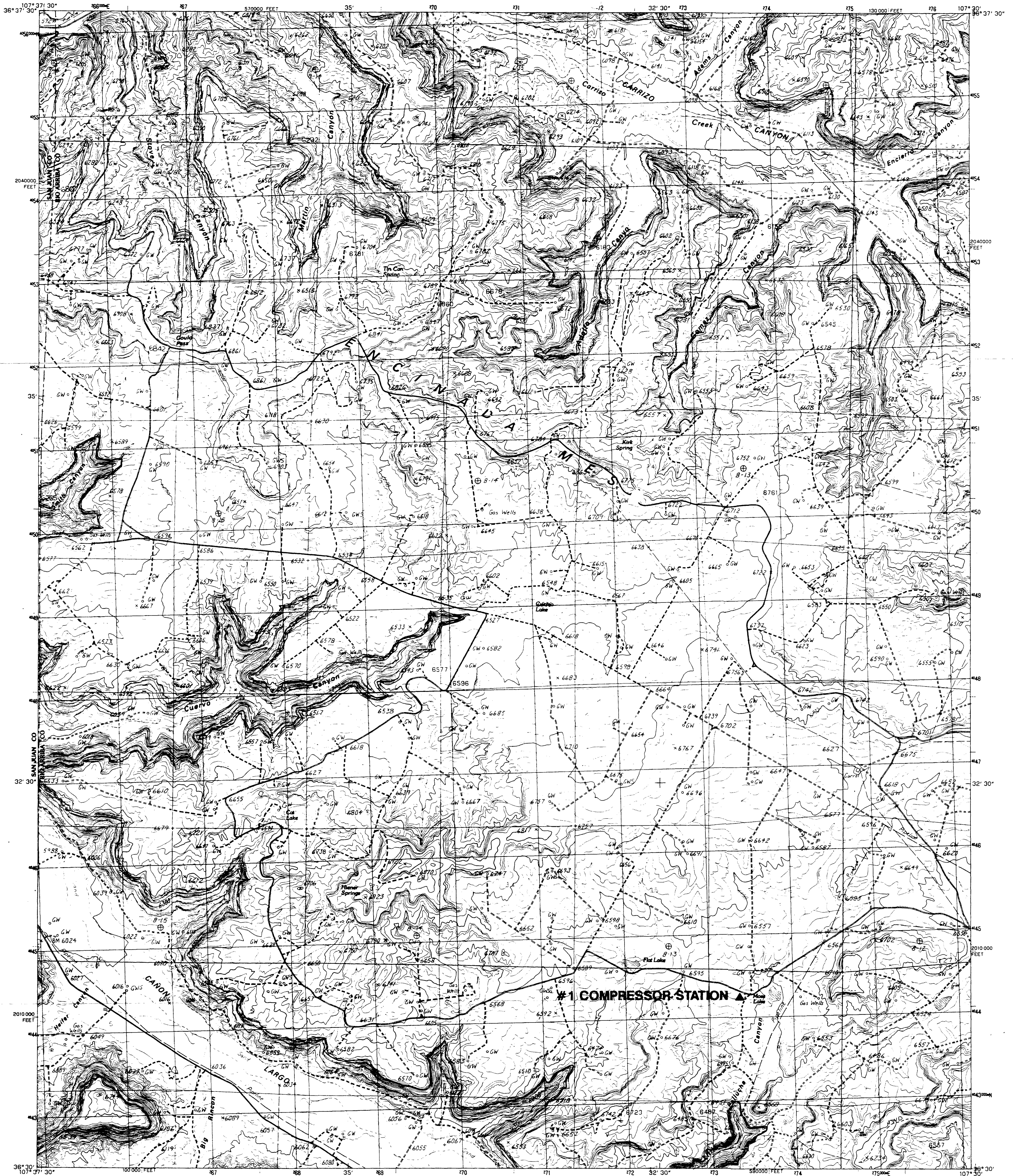
Signed: 

Date: 5/17/91

0450/INTENT1.FRM



# UNOCAL #1 COMPRESSOR STATION LOCATION



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY USGS NOS/NOAA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1977  
FIELD CHECKED 1981, MAP EDITED 1985  
PROJECTION TRANSVERSE MERCATOR  
GRID 1983-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 13  
10,000-FOOT STATE GRID TICS NEW MEXICO, CENTRAL AND WEST ZONES  
UTM GRID DECLINATION 13E WEST  
1985 MAGNETIC NORTH DECLINATION 13E EAST  
VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929  
HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM  
To place on the predicted North American Datum of 1983,  
move the projection lines as shown by dashed corner ticks  
(1 meter north and 55 meters east)  
There may be private inholdings within the boundaries of any  
Federal and State Reservations shown on this map

**PROVISIONAL MAP**  
Produced from original  
manuscript drawings. Information  
shown as of date of  
field check.

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
OR RESTON, VIRGINIA 22092

**RECEIVED**  
MAY 22 1991  
NEW MEXICO

QUADRA-CONSERVATION DIV.  
SANTA FE

1	2	3	1. Carrizo Canyon
4	5	2. Delgadillo Mesa	
6	7	3. Fourmile Canyon	
		4. Fresno Canyon	
		5. Santa Fe	
		6. Thompson Mesa	
		7. Santa Fe Mesa	
		8. Gonzales Mesa	

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND

Improved Road  
Unimproved Road  
Trail

Interstate Route U.S. Route State Route

**PLATE 1**  
GOULD PASS, NEW MEXICO

PROVISIONAL EDITION 1985

36107-ES-TF-024

MAY 21 1991

1109207

1109207



RECEIVED

AUG 14 1991

OIL CONSERVATION DIV.  
SANTA FE

**Compressor Station Number 1  
Discharge Plan**

*August 2, 1991*

*Prepared for:*

*Unocal Corporation  
3300 North Butler Avenue  
Suite 200  
Farmington, NM 87401*

*Prepared by:*

***HYGIENETICS, INC./GEOSCIENCE CONSULTANTS, LTD***

***SOUTHWEST REGIONAL OFFICE  
500 Copper Avenue, NW  
Suite 200  
Albuquerque, New Mexico 87102  
(505) 842-0001  
FAX (505) 842-0595***

## Table of Contents

<b>1.0 General Information</b> .....	<b>1</b>
1.1 Name of Discharger or Legally Responsible Party .....	1
1.2 Name of Local Representative or Contact Person .....	1
1.3 Location of Discharge .....	1
1.4 Types of Natural Gas Operation .....	1
1.5 Copies .....	2
1.6 Affirmation .....	2
<b>2.0 Plant Processes</b> .....	<b>2</b>
2.1 Sources and Quantities of Effluent and Process Fluids .....	2
2.2 Quality Characteristics .....	3
2.3 Transfer and Storage of Process Fluids and Effluents .....	3
2.4 Spill/Leak Prevention and Housekeeping Procedures .....	4
<b>3.0 Effluent Disposal</b> .....	<b>4</b>
<b>4.0 Site Characteristics</b> .....	<b>5</b>
4.1 Hydrologic Features .....	5
4.2 Geologic Description of Discharge Site .....	5
4.3 Flood Protection .....	5
<b>5.0 Additional Information</b> .....	<b>5</b>

## **List of Appendices**

### **Appendix**

- A Material Safety Data Sheets

## **List of Plates**

### **Plate**

- 1 Compressor Station Number 1
- 2 Compressor Station Number 1 Site Diagram

# Unocal Corporation

## Compressor Station Number 1 Discharge Plan

---

*Hygienetics, Inc./Geoscience Consultants, Ltd.*

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  
3300 North Butler Avenue, Suite 200  
Farmington, NM 87401  
(505) 326-7600

#### 1.2 Name of Local Representative or Contact Person

Steven W. Gregory, District Safety and Environment Coordinator  
Unocal Corporation  
3300 North Butler Avenue, Suite 200  
Farmington, NM 87401  
(505) 326-7600

#### 1.3 Location of Discharge

Section 1, Township 26 North, Range 7 West, NMPM  
UTM East 273300, UTM North 4044300  
Rio Arriba County, NM (plate 1)

#### 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.

**Unocal Corporation**  
**Compressor Station Number 1 Discharge Plan**

---

*Hygienetics, Inc./Geoscience Consultants, Ltd.*

- **Design Conditions: Single Stage Compression**

Gas Volume    1 MMSCFD  
Station hp     335 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

8/8/91  
Date

GLEN O. TAPP  
Printed Name of Person Signing Document

DISTRICT PRODUCTION ENGINEER  
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

## Unocal Corporation Compressor Station Number 1 Discharge Plan

*Hygienetics, Inc./Geoscience Consultants, Ltd.*

*Double lined w/ L.D. as per phone con w/ G. Gregory 10/10*  
~~500-gallon underground storage tank.~~ The usage rate of wash-down water is estimated at 10 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 15-20 gallons per month.
- A glycol coolant is added to the compressors as evaporation takes place. The replacement rate of the coolant is estimated to be 4-5 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.

### 2.2 Quality Characteristics

- Unocal Guardol Motor Oil 30 or equivalent is used as the lubricating oil for the compressor engines. Refer to the Material Safety Data Sheets (MSDS) in appendix A for a description of this product.
- Dow Chemical Ethylene Glycol or equivalent is used as the coolant for the compressor engines. 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 30 gallon above-ground drum. The drum will sit in an ecological pan 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 in an ecological pan which will contain any spills.
- Wash-down water will be piped to a 100 square foot evaporation pond. This pond will be lined with a 30 ml PVC underliner, a single layer 6 oz geotextile middle liner, and a 30 ml reinforced XR5 primary liner. The pond will be equipped with a vacuum-type leak detection system.

## Unocal Corporation

### Compressor Station Number 1 Discharge Plan

---

*Hygienetics, Inc./Geoscience Consultants, Ltd.*

- Produced water will be piped into the same 100 square foot evaporation pond 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 and shovel fluid-soaked sand into drums for OCD approved disposal.
  - Large spills: Dike around spill and pump into drums. Call vacuum truck if necessary.
  - 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.
2. A daily 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.



# Unocal Corporation

## Compressor Station Number 1 Discharge Plan

---

*Hygienetics, Inc./Geoscience Consultants, Ltd.*

### 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 grey 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 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.

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

0540/PLAN1.DOC

**Appendix A**

**Material Safety Data Sheets**



# MATERIAL SAFETY DATA SHEET

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

Product Code: 30478

Page: 1

Product Name: ETHYLENE GLYCOL (REGULAR)

Effective Date: 06/18/90 Date Printed: 12/06/90

MSDS:000597

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

Ethylene glycol

CAS# 000107-21-1 >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: 387.1F 197C  
VAP PRESS: 0.12 mmHg @ 25C  
VAP DENSITY: 2.14  
SOL. IN WATER: Completely miscible.  
SP. GRAVITY: 1.1155 @ 20/20C  
APPEARANCE: Colorless liquid.  
ODOR: Practically odorless.

## 3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: 247F, 119C  
METHOD USED: Setaflash

FLAMMABLE LIMITS  
LFL: 3.2%  
UFL: Not determined.

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

FIRE & EXPLOSION HAZARDS: None expected under normal storage and handling conditions (i.e. ambient temperatures). However,

(Continued On Page 2)

(R) Indicates a Trademark of The Dow Chemical Company

# MATERIAL SAFETY DATA SHEET

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

Product Code: 30478

Page: 2

Product Name: ETHYLENE GLYCOL (REGULAR)

Effective Date: 06/18/90 Date Printed: 12/06/90

MSDS:000597

## 3. FIRE AND EXPLOSION HAZARD DATA: (CONTINUED)

ethylene glycol or solutions of ethylene glycol and water can form flammable vapors with air if heated sufficiently.

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

## 4. REACTIVITY DATA:

STABILITY: (CONDITIONS TO AVOID) Will ignite in air at 775F. (413C).

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Oxidizing material.

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

HAZARDOUS POLYMERIZATION: Will not occur.

## 5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: Avoid entry into sewers or natural waters. Small spills: Soak up with absorbent material. Large spills: Dike and pump into suitable containers for disposal.

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

## 6. HEALTH HAZARD DATA:

(Continued On Page 3)

(R) Indicates a Trademark of The Dow Chemical Company

\* An Operating Unit of The Dow Chemical Company

# M A T E R I A L   S A F E T Y   D A T A   S H E E T

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

Product Code: 30478

Page: 3

Product Name: ETHYLENE GLYCOL (REGULAR)

Effective Date: 06/18/90    Date Printed: 12/06/90

MSDS:000597

## 6. HEALTH HAZARD DATA:

EYE: May cause slight transient (temporary) eye irritation.  
Corneal injury is unlikely. Vapors or mists may irritate eyes.

SKIN CONTACT: Essentially nonirritating to skin.

SKIN ABSORPTION: Repeated skin exposure to large quantities may result in absorption of harmful amounts. The dermal LD50 has not been determined.

INGESTION: Single dose oral toxicity is moderate. Excessive exposure may cause central nervous system effects, cardio-pulmonary effects (metabolic acidosis), and kidney failure. The estimated lethal dose for an average person is 100 ml. The oral LD50 for rats is in the 6000-13,000 mg/kg range. Amounts ingested incidental to industrial handling are not likely to cause injury; however ingestion of larger amounts could cause serious injury, even death.

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 kidney and liver effects and deposition of calcium salts in various tissues after long-term dietary intake of ethylene glycol. Did not cause cancer in long-term animal studies. Based on animal studies, ingestion 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) or skin contact, the primary routes of occupational exposure, have minimal or essentially no effect on the fetus. In studies on rats, ethylene glycol has been shown not to interfere with reproduction. In studies on mice, ingestion of

(Continued On Page 4)

(R) Indicates a Trademark of The Dow Chemical Company

\* An Operating Unit of The Dow Chemical Company

# M A T E R I A L   S A F E T Y   D A T A   S H E E T

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

Product Code: 30478

Page: 4

Product Name: ETHYLENE GLYCOL (REGULAR)

Effective Date: 06/18/90    Date Printed: 12/06/90

MSDS:000597

## 6. HEALTH HAZARD DATA: (CONTINUED)

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. Results of mutagenicity tests in animals have been negative.

## 7. FIRST AID:

EYES: Irrigate immediately with water for at least 5 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: Early administration of ethanol may counter the toxic effects of ethylene glycol--metabolic acidosis and renal damage. Hemodialysis or peritoneal dialysis have been of benefit. New Eng. J. Med. 304:21 1981. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

## 8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE(S): OSHA PEL and ACGIH TLV are 50 ppm Ceiling for ethylene glycol vapor.

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

(Continued On Page 5)

(R) Indicates a Trademark of The Dow Chemical Company

\* An Operating Unit of The Dow Chemical Company

# M A T E R I A L   S A F E T Y   D A T A   S H E E T

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

Product Code: 30478

Page: 5

Product Name: ETHYLENE GLYCOL (REGULAR)

Effective Date: 06/18/90    Date Printed: 12/06/90

MSDS:000597

## 8. HANDLING PRECAUTIONS: (CONTINUED)

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 glasses. If vapor exposure causes eye discomfort, use a full-face respirator.

## 9. ADDITIONAL INFORMATION:

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid ingestion. Practice reasonable caution and personal cleanliness. Avoid skin and eye contact.

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 regsheets.

(Continued On Page 6)

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# M A T E R I A L   S A F E T Y   D A T A   S H E E T

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

Product Code: 30478

Page: 6

Product Name: ETHYLENE GLYCOL (REGULAR)

Effective Date: 06/18/90    Date Printed: 12/06/90

MSDS:000597

## 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 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 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	99 %

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

## CANADIAN REGULATIONS

(Continued on Page 7)

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**M A T E R I A L   S A F E T Y   D A T A   S H E E T**

---

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

Product Code: 30478

Page: 7

**Product Name: ETHYLENE GLYCOL (REGULAR)**

Effective Date: 06/18/90    Date Printed: 12/06/90

MSDS:000597

**REGULATORY INFORMATION (CONTINUED)**

The Workplace Hazardous Materials Information System (W.H.M.I.S.)  
Classification for this product is:

D2A

-----  
The Transportation of Dangerous Goods Act (T.D.G.A.) classification for  
this product is:

Not regulated

(R) Indicates a Trademark of The Dow Chemical Company  
The Information Herein Is Given In Good Faith, But No Warranty,  
Express Or Implied, Is Made. Consult The Dow Chemical Company  
For Further Information.

\* An Operating Unit of The Dow Chemical Company

UNOCAL<sup>TM</sup>

Product Name: UNOCAL GUARDOL MOTOR OIL 30  
Product Code No: 03650XX30

Page 1 of  
Issue Date: 6/ 5/

**MANUFACTURER:**

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

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

**Transportation Emergencies:**

Call CHEMTREC  
(800) 424-9300 Cont. U.  
(202) 483-7616 (Collect  
from Alaska & Hawaii

**Health Emergencies:**  
CALL LOS ANGELES POISON  
INFORMATION CENTER (24 hrs  
(213) 664-2121

**PRODUCT IDENTIFICATION**

**PRODUCT NAME:** UNOCAL GUARDOL MOTOR OIL 30

**SYNONYMS:** UNION GUARDOL MOTOR OIL 30

**GENERIC NAME:** CRANKCASE OIL

**CHEMICAL FAMILY:** PETROLEUM HYDROCARBON

**DOT PROPER  
SHIPPING NAME:** NOT APPLICABLE

**ID NUMBER:** NONE

**SECTION I - INGREDIENTS**

TLV UNITS AGENCY TYPE

OIL MIST, IF GENERATED

5.00 MG/M3 OSHA

FULL TERM TWA

THE IDENTITIES OF INGREDIENTS THAT ARE TRADE SECRETS ARE EXCLUDED FROM  
THIS LIST.

**SECTION II - EMERGENCY AND FIRST AID PROCEDURES**

\*\*\*EMERGENCY\*\*\*

Have physician call LOS ANGELES POISON  
INFORMATION CENTER (24 hrs.) (213) 664-2121

**EYE CONTACT:**

FOR DIRECT CONTACT, FLUSH THE AFFECTED EYE(S) WITH CLEAN WATER. IF IRRITATION OR  
REDNESS DEVELOPS, SEEK MEDICAL ATTENTION.

**SKIN CONTACT:**

DO NOT USE GASOLINES, THINNERS OR SOLVENTS TO REMOVE PRODUCT FROM SKIN. WIPE MATERIAL  
FROM SKIN AND REMOVE CONTAMINATED CLOTHING. CLEANSE AFFECTED AREA(S) THOROUGHLY BY  
WASHING WITH SOAP AND WATER AND, IF NECESSARY, A WATERLESS SKIN CLEANSER. IF  
IRRITATION OR REDNESS DEVELOPS AND PERSISTS, SEEK MEDICAL ATTENTION.

#### SECTION IV - SPECIAL PROTECTION INFORMATION

##### 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 WORK AREA FOR FLUSHING EYES AND SKIN. BARRIER CREAMS THAT ARE SPECIFIC FOR OIL-BASED MATERIALS ARE RECOMMENDED WHEN GLOVES ARE IMPRACTICAL.

#### SECTION V - REACTIVITY DATA

##### STABILITY:

STABLE

##### INCOMPATIBILITY (MATERIALS TO AVOID):

AVOID CONTACT WITH STRONG OXIDIZING AGENTS. EXTENDED EXPOSURE TO HIGH TEMPERATURES MAY CAUSE DECOMPOSITION.

##### HAZARDOUS DECOMPOSITION PRODUCTS:

THERMAL DECOMPOSITION IN THE PRESENCE OF AIR MAY YIELD MAJOR AMOUNTS OF OXIDES OF CARBON AND MINOR AMOUNTS OF OXIDES OF NITROGEN, PHOSPHORUS, SULFUR AND ZINC.

##### HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

#### SECTION VI - SPILL OR 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:

COLLECT LEAKING LIQUID IN SEALABLE CONTAINERS. ABSORB SPILLED LIQUID IN SAND OR INERT ABSORBANT. CONTACT FIRE AUTHORITIES AND APPROPRIATE STATE/LOCAL AGENCIES. IF SPILL OF ANY AMOUNT IS MADE INTO OR UPON U.S. NAVIGABLE WATERS, THE CONTIGUOUS ZONE, OR ADJOINING SHORELINES, NOTIFY COAST GUARD 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:

STORE IN A COOL, DRY LOCATION. KEEP AWAY FROM INCOMPATIBLE MATERIALS (SEE SECTION V). AVOID GENERATING OIL MISTS WHILE HANDLING. AVOID PROLONGED OR REPEATED SKIN CONTACT. WASH THOROUGHLY AFTER HANDLING. FOR USED MOTOR OIL: LAUNDER SATURATED CLOTHING BEFORE WEARING AND DISCARD OIL-SOAKED SHOES AND UNWASHABLE CLOTHING.

Product Name: UNOCAL GUARD MOTOR OIL 30  
Product Code No: 03650XX30

Page 5 of 5  
Issue Date: 6/5/85

SECTION XI - DOCUMENTARY INFORMATION

ISSUE DATE: 6/5/85 PRODUCT CODE NO. 03650XX30

PREV. DATE: 7/25/84 PREV. PROD. CODE NO. \_\_\_\_\_

MSDS NO: \_\_\_\_\_ PREV. MSDS NO: \_\_\_\_\_

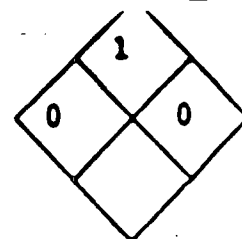
DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

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 COMPLETENESS 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.

4SDS-NO.

Material Safety Data  
Union Oil Company of California

UNION 76



PRODUCT CODE NO.

03659

IN NO.

None

## UNION 76 DIVISION

## MANUFACTURER

UNION 76 DIVISION - EAST, UNION OIL COMPANY OF CALIFORNIA  
61 SOUTH BOYLSTON STREET  
LOS ANGELES, CALIFORNIA 90017  
213) 977-7589

## Transportation Emergencies:

Call CHEMTREC (800) 424-9300  
For AK & HI: (202) 483-7616

## Health Emergencies:

Call Los Angeles  
Poison Information Center (24 hrs.)  
(213) 664-2121

CONTACT: 76 DIVISION MSDS COORDINATOR

## PRODUCT

UNION HEAVY DUTY MOTOR OIL, 10W/30

## COMMON NAME

## GENERIC NAME

CRANKCASE OIL

## CHEMICAL NAME

CHEMICAL  
FAMILY

PETROLEUM LUBE OIL

DOT PROPER  
SHIPPING NAME

NOT APPLICABLE

## WARNING STATEMENTS

Caution, can catch fire. Keep away from heat, sparks and flame. Avoid  
inhalation of oil mists and prolonged or repeated skin contact. Do not cut,  
puncture or weld on or near product container. For industrial use only.  
PROLONGED OR REPEATED CONTACT WITH USED MOTOR OIL MAY BE A SKIN CANCER HAZARD.  
WASH SKIN WITH SOAP AND WATER.

## SECTION I - INGREDIENTS

\*THRESHOLD LIMIT VALUE SET BY: A. OSHA B. ACGIH C. SEE SECTION III D. OTHER NE. NOT ESTABLISHED  
UNITS ARE IN ppm UNLESS SPECIFIED OTHERWISE % TLV\*

Oil mist, if generated

5 mg/m<sup>3</sup> A, 3

Zinc dialkyldithiophosphates (ZDDP)

&lt; 2%

Not Established

Identities of ingredients that are trade secrets are  
excluded from this list.

# SAFETY INFORMATION

If exposure exceeds the applicable TLV, a suitable filter-type respirator should be worn. SEE ADDENDUM

## VENTILATION

General mechanical ventilation may be adequate for maintaining airborne concentrations below established exposure limits. If general ventilation is inadequate, supplemental local exhaust may be required. Other special precautions, such as respiratory protection, may be required if airborne concentrations cannot be reduced to below the TLV by ventilation.

## PROTECTIVE GLOVES

The use of gloves that are impermeable to oils is advised to protect against skin irritation and absorption of zinc dialkyldithiophosphates.

## EYE PROTECTION

Safety glasses, chemical goggles, and/or face shields are recommended to safeguard against potential eye contact, irritation, or injury.

## OTHER PROTECTIVE EQUIPMENT

Use good personal hygiene practice. Sink and eye wash should be available in work area.

## SECTION V - REACTIVITY DATA

### STABILITY

STABLE

### CONDITIONS TO AVOID

Avoid contact with any source of heat or flame.

### STABILITY (MATERIALS) TO AVOID

Avoid contact with strong oxidizing agents such as chlorine, permanganates and dichromates.

### HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in the presence of air may yield major amounts of oxides of carbon and minor amounts of oxides of sulfur and nitrogen.

### HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

### CONDITIONS TO AVOID

## SECTION VI - SPILL OR LEAK PROCEDURES

HIGHWAY OR RAILWAY SPILLS: CALL CHEMTREC (800) 424-8300 For AK & HI: (202) 483-7616

### PRECAUTIONS IN CASE OF RELEASE OR SPILL

Stay upwind and away from spill unless wearing appropriate protective equipment (see Section IV). Stop and/or contain discharge if it can be done safely. Keep all sources of ignition and hot metal surfaces isolated from spill. Use non-sparking tools for cleanup. Keep out of drains, sewers or waterways. Contact fire authorities. Notify local health and pollution control agencies. Notify Coast Guard National Response Center (phone number 800-424-8802) if spill of any amount is made into or upon U.S. navigable waters, the contiguous zone, or adjoining shorelines. Consult 40 Code of Federal Regulations Part 110, and state and local law.

### WASTE DISPOSAL METHOD

Dispose of product in accordance with local, county, state, and federal regulations.

ADDENDUM

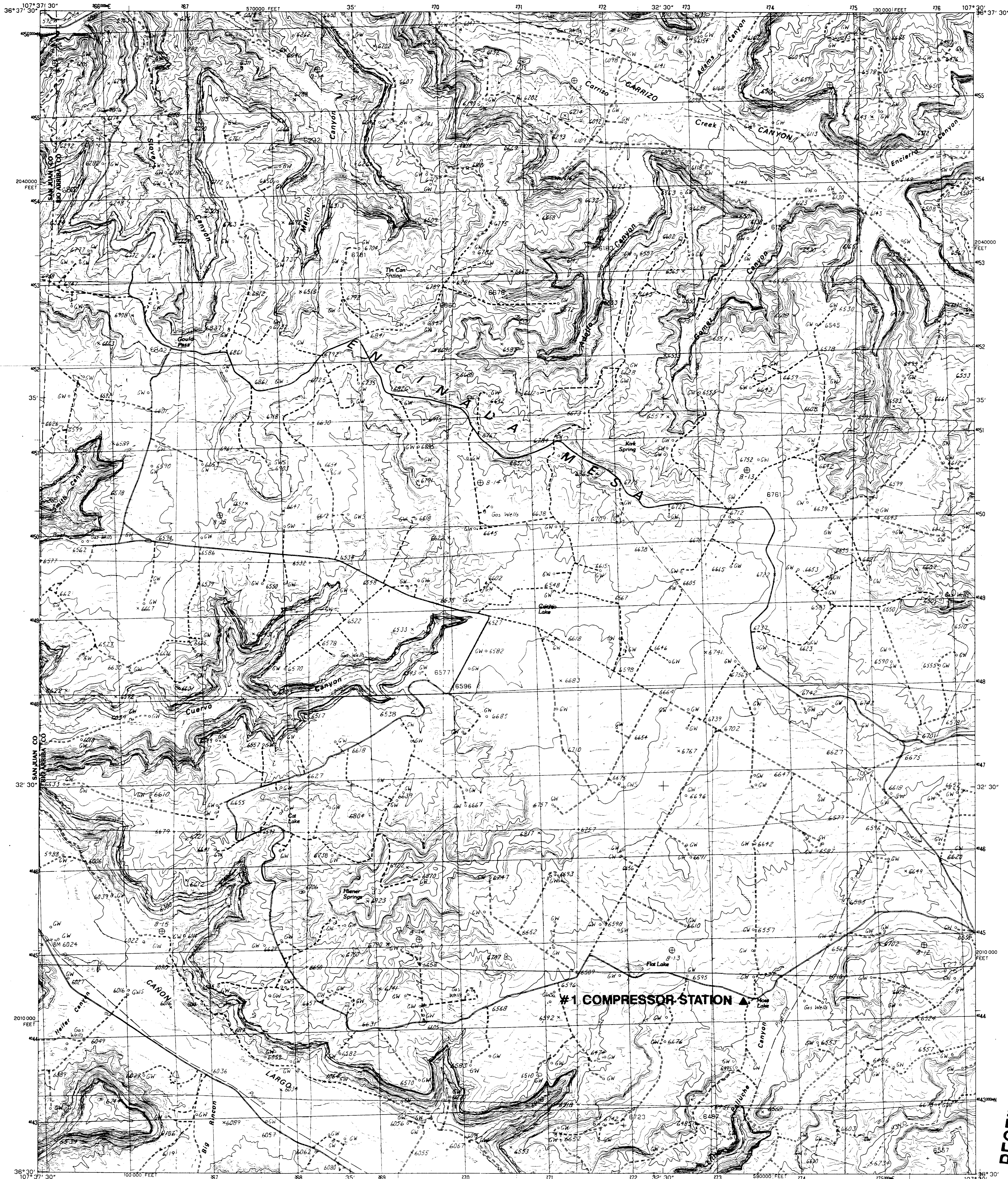
## Section II - EMERGENCY AND FIRST AID PROCEDURES

## Ingestion:

TO PHYSICIAN: Emesis or lavage is not recommended for minute quantities or tastes of most hydrocarbons. Medical opinion is divided for larger ingestions. Emesis or lavage have been recommended for those petroleum products which have a high oral toxicity. Gastric lavage with a cuffed endotracheal tube is recommended by some physicians to prevent aspiration.



# UNOCAL #1 COMPRESSOR STATION LOCATION



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY USGS, NOS/NOVA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1977  
FIELD CHECKED 1981. MAP EDITED 1985  
To place on the predicted North American Datum of 1983,  
move the projection lines as shown by dashed corner ticks  
(1 meter north and 55 meters east)  
There may be private inholdings within the boundaries of any  
Federal and State Reservations shown on this map

PROVISIONAL MAP  
Produced from original  
manuscript drawings. Information  
shown as of date of  
field check.

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
OR RESTON, VIRGINIA 22092

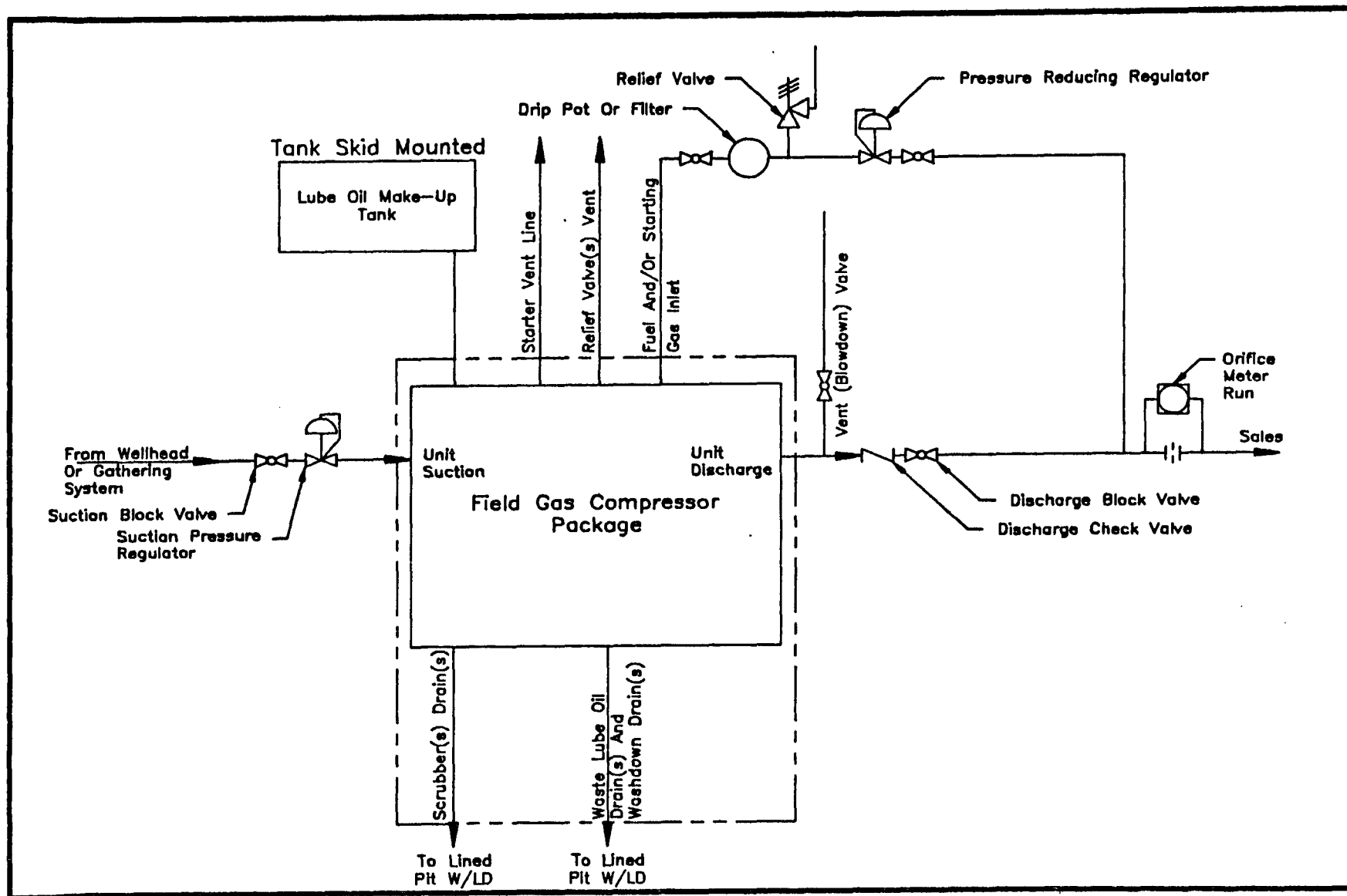
1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8

ROAD LEGEND  
Improved Road  
Unimproved Road  
Trail  
Interstate Route  
U.S. Route  
State Route  
NEW MEXICO  
QUADRANGLE LOCATION  
ADJOINING 7.5 QUADRANGLE NAMES  
1.100-2-007  
PLATE 1  
GOULD PASS, NEW MEXICO  
PROVISIONAL EDITION 1985  
36107-ES-TF-024  
1.100-2-007



# Plate 2

## Compressor Station Number 1 Installation Details



**GW - 70**

# **INSPECTIONS & DATA**

# OCD ENVIRONMENTAL BUREAU

## SITE INSPECTION SHEET

DATE: 6-27-01 Time: 10:40 AM

Type of Facility: Refinery ☐ Gas Plant ☐ Compressor St. ☒ Brine St. ☐ Oilfield Service Co. ☐  
Surface Waste Mgt. Facility ☐ E&P Site ☐ Crude Oil Pump Station ☐  
Other ☐ \_\_\_\_\_

Discharge Plan: No ☐ Yes ☒ DP# 70

FACILITY NAME: LATERAL #2

PHYSICAL LOCATION: \_\_\_\_\_

Legal: QTR QTR NW Sec 1 TS 26N R 7W County RD ARZIBA

OWNER/OPERATOR (NAME) PURE RESOURCES

Contact Person: MIKE PHILLIPS Tele:# \_\_\_\_\_

### MAILING

ADDRESS: \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Owner/Operator Rep's: \_\_\_\_\_

OCD INSPECTORS: W Price

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

2. **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.

PIC # 2 - WASTE WATER TANK WITH ~~SEPARATION~~ TANK (DOUBLE-WALL)

3. **Above Ground Tanks:** All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.

4. 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.

OK

5. Labeling: All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.

OK

6. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.

Ac # 3 - WASTE WATER TANK DOUBLE-WALL

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

NONE

8. Onsite/Offsite Waste Disposal and Storage Practices: Are all wastes properly characterized and disposed of correctly? Does the facility have an EPA hazardous waste number? Yes ☒ No ☐

ARE ALL WASTE CHARACTERIZED AND DISPOSED OF PROPERLY? YES ☒ NO ☐ IF NO DETAIL BELOW.

KEY + BASIN DISPOSAL

9. **Class V Wells:** Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. All Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Closure of Class V wells must be in accordance with a plan approved by the Division's Santa Fe Office. The OCD allows industry to submit closure plans which are protective of human health, the environment and groundwater as defined by the WQCC, and are cost effective. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.

ANY CLASS V WELLS    NO ☒ YES ☐ IF YES DESCRIBE BELOW !    Undetermined ☐

10. **Housekeeping:** All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years.

Good

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

12. **Does the facility have any other potential environmental concerns/issues?**

NONE

13. **Does the facility have any other environmental permits - i.e. SPCC, Stormwater Plan, etc.?**

NONE - NOT REQUIRED BY FEDERAL

14. **ANY WATER WELLS ON SITE ?**    NO ☒ YES ☐ IF YES, HOW IS IT BEING USED ?

Miscellaneous Comments:

Number of Photos taken at this site:  
attachments-

PIC #1 - SIGN



pic #1 sign



Pic # 2 wastewater tank with inlet separator  
below grade double wall tank.



pic #3 below grade double wall wastewater tank.



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

June 28, 1996

**CERTIFIED MAIL**

**RETURN RECEIPT NO. P-594-835-151**

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

**RE: Discharge Plan Inspections  
GW-070, GW-082, GW-085, and GW-244  
Rio Arriba and San Juan Counties, New Mexico**

Dear Mr. Tabet:

The New Mexico Oil Conservation Division (OCD) on June 7, 1996 along with yourself and Mr. Brett Liggett of Unocal inspected four Unocal compressor stations - three of which had been previously permitted (GW-070, GW-082, and GW-085) and one (GW-244) for initial permitting by the OCD. The purpose of the inspections was to determine compliance with WQCC regulations and OCD discharge plan guidelines for the facilities. The information that follows will address the concerns and observations of the OCD at the four above mentioned facilities.

(Note: Also included with this report are the photographs that were taken by the OCD during the inspection.)

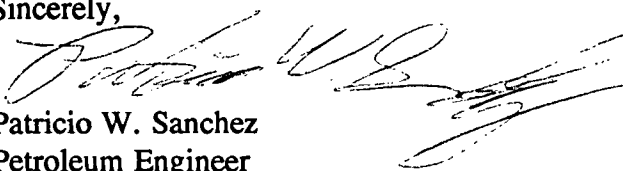
1. **Solid Waste Issues. (RCRA Subtitle D wastes and RCRA Subtitle C Exempt Wastes)**
  - **All compressor stations GW-70, GW-82, GW-85, and GW-244.**
    - a. General house keeping - lube oil contaminated soils need to be raked out to enhance in situ bioremediation.
    - b. Unocal needs to verify that lube oil and wash water do not contain any hazardous constituents that are above TCLP levels and no F, K, P, or Q listed hazardous waste per 40 CFR Part 261. A copy of the effluent analysis will be submitted to the OCD for review - If any listed wastes or characteristic wastes are observed UNOCAL will also notify the NMED HRMB at (505)-827-1558 as that agency has jurisdiction over hazardous waste.

Mr. Mike Tabet  
UNOCAL  
June 28, 1996  
Page 2

- c. UNOCAL needs to find out what the compressor rental company does with the used lube oil and filters that are generated at the site.
  - d. UNOCAL needs to confirm that all effluent hauled to UIC Class II disposal facilities can in fact be accepted by the those facilities - Note: Class II well can only dispose of RCRA Subtitle C exempt effluent.
2. **Pollution Prevention and Containment Areas:**
- **All compressor stations (GW-70, GW-82, GW-85, and GW-244.)**
- a. All lube oil saddle tanks shall be placed on some sort of impermeable pad/curb type containment.
  - b. All drums that contain fluids other than fresh water will be placed on some sort of impermeable pad and curb type containment, and will be properly labeled as to their contents.
  - c. All empty drums shall be stored on their side with the bungs in place and horizontal to the ground.
  - d. The leak detection needs to be checked monthly by UNOCAL for each below grade type fluid container - i.e. double lined pond/double walled tank- and documented as per its mechanical integrity. Note: See photo GW-244 No. 3 Dated: 06/07/96 - when the inspected by OCD during the site visit the inner space between the primary and secondary containment contained fluid - UNOCAL - shall verify the integrity of this tank and empty the inner space.

Based upon the results of the inspection OCD should be able to approve the renewal of these permits within the next two weeks. If you have any questions regarding this matter feel free to call me at (505)-827-7156.

Sincerely,

  
Patricio W. Sanchez  
Petroleum Engineer

Attachment .  
XC: Denny Foust

P 594 635-151

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

Sent to	UNOCAL - Mike 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



Mr. Mike Tabet  
UNOCAL  
June 28, 1996  
Page 3

**ATTACHMENT - PHOTOS**  
**GW-070, GW-82, GW-085, GW-244**

<UNOCAL> GW-070 (PHOTOS BY OCD)



PHOTO NO. 01

DATE: 06/07/96



PHOTO NO. 02

DATE: 06/07/96