

**GW -** 85

**GENERAL  
CORRESPONDENCE**

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

**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.

**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.

**OCD ENVIRONMENTAL BUREAU**  
**SITE INSPECTION SHEET**

DATE: 6/27/01 Time: 1: PM

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# 85

FACILITY NAME: NAVAJO COMPRESSOR SITE

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

Legal: QTR QTR NW Sec 7 TS 25N R 10W County SAN JUAN

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.

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.

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

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.

PIC # 2 LINED SMALL BLOWDOWN PIT

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.

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.

SITE SHUT DOWN

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.

---

---

---

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?

---

---

---

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

---

---

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

---

---

Miscellaneous Comments:

---

---

---

---

Number of Photos taken at this site: PIC #1 SIGN  
attachments-



Pic # 1 - Sign- Background shows small compressor out of service.



Pic # 2- Small lined blowdown pit.



# 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:       

*6/4/01  
MIKE PHILLIPS IS  
SENDING IN AN  
TERMINATION JP*

2/8/01 1:51 PM

Originating Party: Wayne Price-OCD

Other Parties: Mike Phillips-Pure Resources (Old Unocal) 505-632-1811 E-mail  
mphilips@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: \_\_\_\_\_



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.)**

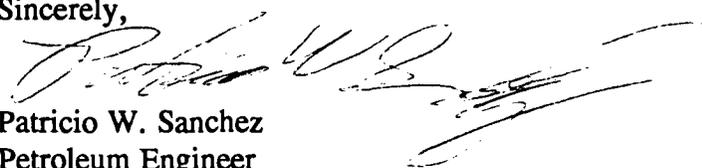
1. **Solid Waste Issues. (RCRA Subtitle D wastes and RCRA Subtitle C Exempt Wastes)**
  - **All compressor stations GW-70, GW-82, GW-85, and GW-244.**
  - a. General house keeping - lube oil contaminated soils need to be raked out to enhance insitu bioremediation.
  - b. Unocal needs to verify that lube 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

Mr. Mike Tabet  
UNOCAL  
June 28, 1996  
Page 3

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

<UNOCAL> GW-085 (PHOTOS BY OCD)



PHOTO NO. 01

DATE: 06/07/96



PHOTO NO. 02

DATE: 06/07/96

<UNOCAL> GW-085 (PHOTOS BY OCD)



PHOTO NO. 03

DATE: 06/07/96

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 Navajo GW-85  
(Facility Name) (DP No.)

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

Submitted to ASD by: [Signature] Date: 5/9/96

Received in ASD by: [Signature] Date: 5-20-96

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

Modification \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)

Organization Code 521.07 Applicable FY 96

To be deposited in the Water Quality Management Fund.

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

ANK DELAWARE  
subsidiary of Citicorp  
PENN'S WAY  
CASTLE, DE 19720

62-20  
311

Union Oil Company of California  
Accounts Payable



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

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.

[Signature]  
17 TREASURER



FOR INQUIRIES CONTACT LOCATION WHERE INVOICES WERE SUBMITTED

VENDOR NO.	DATE	CHECK NO.
1020750	04-01-96	[REDACTED]

DATE	INVOICE/CREDIT MEMO NO.	VOUCHER NO.	GROSS	DISCOUNT	NET
11-MAR-96	GW85 SD CK MIKE TABEL, UNOCAL, BOX 760, MOAB, UT84532	03966400694	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

MAY 3 1996

AFFIDAVIT OF PUBLICATION

Environmental Bureau  
Oil Conservation Division

No. 36220

COPY OF PUBLICATION

STATE OF NEW MEXICO

Legals

County of San Juan:

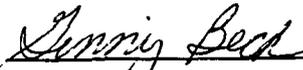
ROBERT LOVETT being duly sworn says: That he is the Classified Manager of THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, 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

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 Regulation the following discharge plan application and renewal applications have been submitted to the rector 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, submitted a Discharge Plan Renewal Application for the Lateral #2 Compressor located in SE/4NW/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 on 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 be managed.

(GW-82) - Unocal, Mr. Mike Tabet, (801)-686-7604, P.O. Box 760, Moab, Utah, 84532, submitted a Discharge Plan Renewal Application for the Lateral #1 Compressor located in NE/4NE/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 on 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 address how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-85) - Unocal, Mr. Mike Tabet, (801)-686-7604, P.O. Box 760, Moab, Utah, 84532, submitted a Discharge Plan Renewal Application for the Navajo Compressor located in the NW/4NW/4, Section 7, Township 25 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 4 gallons per day of scrubber and washdown water will be stored on 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 100 feet with a total dissolved solids concentration of approximately 700 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-244) - Unocal, Mr. Mike Tabet, (801)-686-7604, P.O. Box 760, Moab, Utah, 84532, submitted a Discharge Plan Application for the Lateral #4 Compressor located in the SW/4SE/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 discharged 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 discharge plan application and information submitted at the hearing.

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

RECEIVED

APR 22 1996

4253  
USFWS - NMESD

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 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.

(GW-82) - Unocal, Mr. Mike Tabet, (801)-686-7604, P.O. Box 760, Moab, Utah, 84532, 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-85) - Unocal, Mr. Mike Tabet, (801)-686-7604, P.O. Box 760, Moab, Utah, 84532, has submitted a Discharge Plan Renewal Application for the Navajo Compressor located in the NW/4 NW/4, Section 7, Township 25 North, Range 10 West, NMPM, San Juan 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 100 feet with a total dissolved solids concentration of approximately 700 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

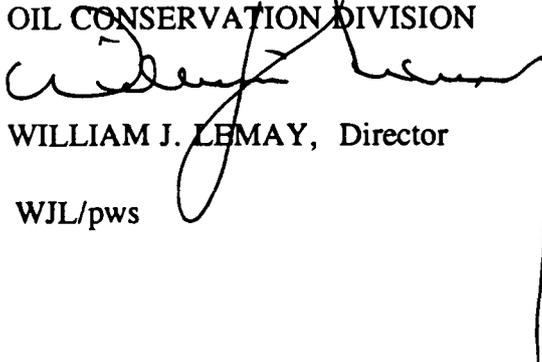
(GW-244) - Unocal, Mr. Mike Tabet, (801)-686-7604, P.O. Box 760, Moab, Utah, 84532, has submitted a Discharge Plan Application for the Lateral #4 Compressor located in the SW/4 SW/4, Section 30, Township 27 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 210 gallons per day of 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 discharge plan application and information submitted at the hearing.

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

WJL/pws

S E A L

**NO EFFECT FINDING**

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

Date April 24, 1996

Consultation # GWCD96-1

Approved by 

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



**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, 2040 South Pacheco, Santa Fe, New Mexico, 87505, Telephone (505) 827-7131:

**(GW-77) - 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.

**(GW-82) - Unocal, Mr. Mike Tabet, (801)-686-7604, P.O. Box 760, Moab, Utah, 84532,** 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-85) - Unocal, Mr. Mike Tabet, (801)-686-7604, P.O. Box 760, Moab, Utah, 84532,** has submitted a Discharge Plan Renewal Application for the Navajo Compressor located in the NW/4 NW/4, Section 7, Township 25 North, Range 10 West, NMPM, San Juan 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 100 feet with a total dissolved solids concentration of approximately 700 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

**(GW-244) - Unocal, Mr. Mike Tabet, (801)-686-7604, P.O. Box 760, Moab, Utah, 84532,** 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 thru 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 shall 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 the information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the discharge plan application and information submitted at the hearing.

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

CONSERVATION DIVISION  
RECEIVED  
6 APR 26 AM 8 52

... 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) - Unocal, Mr. Mike Tabet, (801)-686-7604, P.O. Box 760, Moab Utah, 84532, 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 wash-down water will be stored onsite in a closed top tank and disposed of at an OCD approved facility. Groundwater most likely 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-85) - Unocal, Mr. Mike Tabet, (801)-686-7604, P.O. Box 760, Moab Utah, 84532, has submitted a Discharge Plan Renewal Application for the Navajo Compressor located in the NW/4 NW/4, Section 7, Township 25 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 4 gallons per day of scrubber and wash-down water will be stored onsite in a closed top tank and disposed of at an OCD approved facility. Groundwater most likely affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 700 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-244) - Unocal, Mr. Mike Tabet, (801)-686-7604, P.O. Box 760, Moab Utah, 84532, has submitted a Discharge Plan Renewal 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 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 discharge plan application and information submitted at the hearing.

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)

Publication

... declare and say that I am the Publisher, published in the English language in the City of Espanola and County of Sandoval, a newspaper duly qualified to publish under the provisions of Chapter 167 of the Statutes of the Territory, a copy of which is hereto attached,

... consecutive weeks, and a regular issue of the paper during the time of its publication in the newspaper proper, and the first publication being on the 25th day of April, 1996, and the last publication on the 25th day of April, 1996.

that payment for said advertisement has been made (including all costs); that the undersigned has personally set forth in this affidavit.

*Robert Trapp*  
Publisher

sworn to before me this 25th day of April, A.D., 1996.

*Th. J. Trapp*  
Notary Public

... expires 5-17-97

## 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 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.**

**(GW-82) - Unocal, Mr. Mike Tabet, (801)-686-7604, P.O. Box 760, Moab, Utah, 84532, 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-85) - Unocal, Mr. Mike Tabet, (801)-686-7604, P.O. Box 760, Moab, Utah, 84532, has submitted a Discharge Plan Renewal Application for the Navajo Compressor located in the NW/4 NW/4, Section 7, Township 25 North, Range 10 West, NMPM, San Juan 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 100 feet with a total dissolved solids concentration of approximately 700 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.**

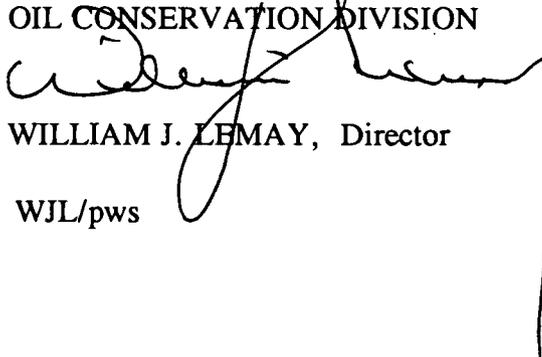
(GW-244) - Unocal, Mr. Mike Tabet, (801)-686-7604, P.O. Box 760, Moab, Utah, 84532, has submitted a Discharge Plan Application for the Lateral #4 Compressor located in the SW/4 SW/4, Section 30, Township 27 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 210 gallons per day of 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 discharge plan application and information submitted at the hearing.

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

WJL/pws

S E A L

Unocal Oil & Gas Division  
Unocal Corporation  
P.O. Box 760  
Moab, Utah 84532  
Telephone (801) 686-2236

**UNOCAL** 76

**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 W-85 Renewal  
Navajo Compressor Station  
San Juan County, New Mexico**

A discharge plan GW-85 was approved by the NMOCD on September 16, 1991 for a compressor station known as the Navajo Compressor Station located in San Juan County, New Mexico. This discharge plan is to expire on September 16, 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-85 for the Navajo Compressor Station.

Union Oil Company of California, dba Unocal requests the following changes to the existing Navajo Compressor Station Discharge plan:

- **Address of Discharger:** Unocal  
P.O. Box 760  
Moab, Utah 84532  
801-686-2236 or 801-686-7604
- **Section III Effluent Disposal:** Light Hydrocarbons: Giant Refining Company  
5764 U.S. Hwy. 64  
Bloomfield, NM 87413
- **Accumulated water hauling:** C & J Trucking, Chief Transportation, Sunco
- **Disposal:** Basin Disposal Inc.  
P.O. Box 100  
Aztec, New Mexico 87410

At this time the Navajo Compressor station is idle, but could resume production if line pressure increases. There have been no changes or modifications in the piping or operation of this facility. If anything, liquid production has decreased over the past five years. Basically, operation continues as explained in the original Discharge Plan W-85, which was submitted to you September 16, 1991. We would like to continue operating under that plan.

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

Sincerely,

*Mike Tabet*

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

cc: Randy Koliba  
Brett Ligget  
File  
Plangw85.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 R.d.

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 Navajo Compressor Station GW 85 - 100 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: NW /4 NW /4 Section 7 Township 25N Range 10W  
 Submit large scale topographic map showing exact location.

4. Attach the name, telephone number and address of the landowner of the facility site. *SEE ORIGINAL DISCHARGE PLAN FOR ITEMS 4-12.*

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 NAVAJO COMPRESSOR STATION**

**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 Navajo 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 Navajo Compressor site.

FOR INQUIRIES CONTACT LOCATION WHERE INVOICES WERE SUBMITTED

VENDOR NO.	DATE	CHECK NO.
1020950	04-01-96	[REDACTED]

DATE	INVOICE/CREDIT MEMO NO.	VOUCHER NO.	GROSS	DISCOUNT	NET
11-MAR-96	GW85 SD CK MIKE TABET, UNOCAL, BOX 760, MOAB, UT84532	03966400694	50.00		50.00
TOTAL ▶			50.00		50.00

FORM 4-28181 (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** 

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 Check Amount

01-APR-96 \*\*\*\*\*50.00

Void after six months from above date.

*D. L. Chessum*

17 TREASURER





NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

March 14, 1996

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. 2-765-963-118**

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

**RE: Discharge Plan GW-85 Renewal  
Navajo Compressor Station  
San Juan, New Mexico**

Dear Mr. Tabet:

On September 16, 1996, the groundwater discharge plan, GW-85, for the Unocal "Navajo Compressor" located in NW/4 NW/4, Section 7, Township 25 North, Range 10 West, NMPM, San Juan County, New Mexico, will expire. 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 the facility continues to have potential or actual effluent or leachate discharges and you wish to continue operation, Unocal must renew the discharge plan. If Unocal submits an application for renewal at least 120 days before the discharge plan expires (on or before May 16, 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 Unocal has made, or intends to make, any changes in the system, and if so, please include these modifications in the application for renewal.

The discharge plan renewal application for the Navajo Compressor is subject to the WQCC Regulations 3114 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 for Compressor Stations less than 1,000 horsepower.

The \$50 dollar filing fee is to be submitted with the discharge plan renewal application and is nonrefundable.

Mr. Mike Tabet  
Unocal  
March 14, 1996  
Page 2

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the **OCD Santa Fe Office**.

Please submit the original discharge plan renewal application 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 the discharge plan renewal request.**

If Unocal no longer has any actual or potential discharges a discharge plan is not needed, please notify this office. If Unocal has 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

Z 765 963 118



**Receipt for Certified Mail**

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

Sent to <b>Unocal - Mike Tabet</b>	
Street and No. <b>P.O. Box 760</b>	
P.O., State and ZIP Code <b>Namb, NM 84532</b>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, March 1993

## 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-85 Renewal  
 Navajo Compressor Station  
 San Juan County, New Mexico**

Dear Mr. Liggett:

On September 16, 1991, the groundwater discharge plan, GW-85, for the UNOCAL Compressor located in NW/4 NW/4, Section 7, Township 25 North, Range 10 West, NMPM, San Juan County, New Mexico, will expire on September 16, 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 May 16, 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 Navajo 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

Z 765 963 083



**Receipt for  
Certified Mail**

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

Sent to <i>Gw-70, 85 Renewals.</i>	
Street and No. <i>Unocal</i>	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, March 1993



BRUCE KING  
GOVERNOR

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

September 16, 1991

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

CERTIFIED MAIL  
RETURN RECEIPT NO. P-106-675-369

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

RE: Discharge Plan GW-85  
Navajo Compressor Station  
San Juan County, New Mexico

Dear Mr. Papp:

The groundwater discharge plan GW-85 for the UNOCAL Navajo Compressor Station located in the NW/4 NW/4, Section 7, Township 25 North, Range 10 West, NMPM, San Juan County, New Mexico is hereby approved. The discharge plan consists of the application dated June 27, 1991 and materials dated August 1, 1991 submitted as supplements to the application.

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.

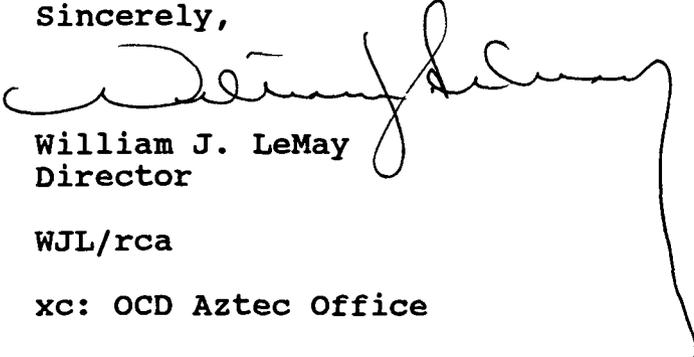
Pursuant to Section 3-109.g.4., this plan approval is for a period of five years. This approval will expire September 16, 1996 and you

Mr. Glen O. Papp  
September 16, 1991  
Page -2-

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,



William J. LeMay  
Director

WJL/rca

xc: OCD Aztec Office



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING  
GOVERNOR

August 5, 1991

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

CERTIFIED MAIL  
RETURN RECEIPT NO. P-757-737-751

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

Dear Mr. Papp:

The Oil Conservation Division (OCD) has received your request dated July 30, 1991, for authorization to discharge without an approved discharge plan for a period not to exceed 120 days. The discharge plan application for the above referenced facility, dated June 21, 1991, was received by the OCD on June 25, 1991. The authorization will allow start up of the proposed compressor station while the discharge plan is being reviewed by the OCD.

Pursuant to Water Quality Control Commission (WQCC) Regulations 3-106.B and for good cause shown, UNOCAL's request to discharge without an approved discharge plan for a period not to exceed 120 days is hereby approved. This authorization will commence at startup of the station. As a condition of this approval, you are to notify us of the date of startup.

If you have any questions, please call Roger Anderson at (505) 827-5884.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. LeMay".

William J. LeMay  
Director

WJL/RCA/sl

cc: OCD Aztec Office

**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-85) - 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 Navajo Compressor Station located in the NW/4, NW/4, Section 7, Township 25 North, Range 10 West, NMPM, San Juan 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 100 feet with a total dissolved solids concentration of approximately 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.**

**(GW-86) - BCO, Inc., Elizabeth B. Keeshan, President, 135 Grant, Santa Fe, New Mexico, 87501, has submitted a discharge plan application for its North Lybrook Compressor Station located in the SE/4 SE/4, Section 2, Township 23 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Approximately 14 gallons per day of wastewater will be stored in an above-ground fiberglass tank prior to disposal in an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 225 feet with a total dissolved solids concentration of approximately 1470 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.**

**(GW-75) - HOMCO International, Inc., Robert J. Meddler, Director, Environmental and Safety, P. O. Box 2442, Houston, Texas 77252, has submitted a discharge plan application for its Hobbs service facility located in Section 29, Township 18 South, Range 38 East, NMPM, 3000 West County Road, Lea County, New Mexico. Approximately 800 gallons per day of wastewater are presently stored in an above ground storage tank prior to disposal in an OCD approved offsite disposal facility. Proposed modifications include the installation of a wastewater recycling system. Unrecyclable wastes will be stored in below grade concrete sump 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 in the Ogallala aquifer at a depth of 55 feet with a total dissolved solids concentration ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.**

(GW-72) - The Western Company of North America, Ron McKeel, Director, Real Estate and Facilities, 515 Post Oak Blvd., Suite 915, Houston, Texas 77027, has submitted a discharge plan application for its Hobbs service facility located in the NE/4, Section 20, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 3350 gallons per day of wastewater with a total dissolved solids concentration of 3942 mg/l is stored in below grade fiberglass tanks prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is in the Ogallala aquifer at a depth of approximately 55 feet with a total dissolved solids concentration of ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-76) - Star Tool Company, David T. Taylor, Vice President, P. O. Box 2008, Hobbs, New Mexico 88240, has submitted a discharge plan application for its Hobbs service facility located in the NE/4 NW/4, Section 32, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 10 gallons per day of wastewater are currently stored in unlined pits prior to disposal at an OCD approved offsite disposal facility. Proposed modifications include the installation of a wastewater recycling system. Unrecyclable wastes will be collected in above ground tanks prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 44 feet with a total dissolved solids concentration ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-73) - Dowell Schlumberger, Inc., M. L. Wood Jr., Environmental Coordinator, 1105 West Bender Street, Hobbs, New Mexico 88240, has submitted a discharge plan application for its Hobbs service facility located in the NE/4 NE/4, Section 28, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 2200 gallons per day of wastewater is stored in above grade tanks and lined pits prior to disposal at an OCD approved offsite disposal facility. Proposed modifications include the installation of a wastewater recycling system and closure of all surface impoundments. Wastes not recyclable will be disposed of at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 68 feet with a total dissolved solids concentration ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

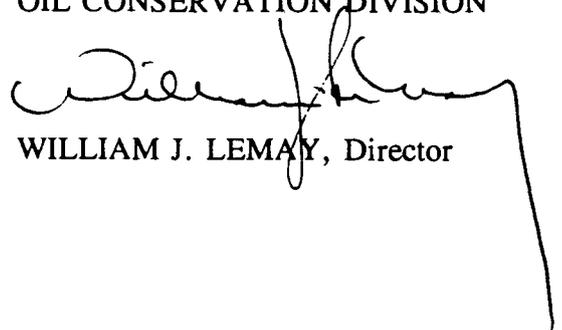
(GW-14) - Navajo Refining Company, David G. Griffin, Superintendent, Environmental Affairs, P. O. Box 159, Artesia, New Mexico 88210, has submitted a discharge plan renewal application for its Lovington Refinery located in the SW/4, Section 31, Township 16 South, Range 37 East; the SE/4 of Section 36, Township 16 South, Range 36 East; the NW/4 of Section 6, Township 17 South, Range 37 East; and the NE/4 of Section 1, Township 17 South, Range 36 East, NMPM, Lea County, New Mexico. Approximately 175,000 gallons per day of process wastewater with a total dissolved solids concentration of 1300 mg/l will undergo treatment in a USEPA regulated pretreatment unit prior to discharge to the City of Lovington sanitary sewer system. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 60 feet to 80 feet with a total dissolved solids concentration of 450 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 5th day of August, 1991.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY, Director

S E A L

OIL CONSERVATION DIVISION  
RECEIVED

'91 AUG 1 AM 8 57

Unocal Oil & Gas Division  
Unocal Corporation  
3300 North Butler Avenue  
Suite 200  
Farmington, New Mexico 87401  
Telephone (505) 326-7600  
Fax: (505) 326-6145

**UNOCAL** 76

July 30, 1991

Farmington District

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
P. O. Box 2088  
State Land Office Building  
Santa Fe, NM 87504

Attn: William J. Lemay

**AUTHORITY TO DISCHARGE  
120 DAY WAIVER**

Union Oil Company of California, dba Unocal requests a waiver for authority to discharge without a plan for 120 days at our proposed compressor site located at NW/4 Sec.7, T25N, R10W, NMPM, in San Juan County.

The proposed installation is a field compressor station consisting of a 100 horse power skid-mounted compressor.

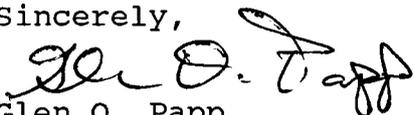
A formal discharge plan has been submitted to the Oil Conservation Division in accordance with the Preparation of Ground Water Discharge Plans at Natural Gas Processing Plants.

All spills, leaks, and discharges from this site will be handled in accordance with OCD regulations.

Construction will begin upon receipt of your approved waiver.

If you have any questions please call Glen Papp or Steve Gregory at the letterhead number.

Sincerely,

  
Glen O. Papp  
District Production Engineer  
Union Oil Company of California  
dba Unocal

SWG/sg

cc: Steve Gregory  
Paul West

Unocal Oil & Gas Division  
Unocal Corporation  
3300 North Butler Avenue  
Suite 200  
Farmington, New Mexico 87401  
Telephone (505) 326-7600  
Fax: (505) 326-6145

**UNOCAL** 

RECEIVED  
OIL CONSERVATION DIVISION  
AUG 9 1991

August 1, 1991

Farmington District

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
P. O. Box 2088  
State Land Office Building  
Santa Fe, NM 87504

Attn: Roger Anderson

**AUTHORITY TO DISCHARGE  
NAVAJO COMPRESSOR STATION**

Union Oil Company of California, dba Unocal requests the following changes in our Navajo Compressor Station Discharge Plan.

1. Change the Location of Discharge on page one to San Juan County instead of Rio Arriba County.
2. We will use the lined pit for both the skid washdown water and the suction scrubber discharge and eliminate the 500 gallon fiberglass tank.

A corrected copy of the proposed discharge plan is attached. If you have any questions please call Glen Papp or Steve Gregory at the letterhead number.

Sincerely,



Glen O. Papp  
District Production Engineer  
Union Oil Company of California  
dba Unocal

SWG/sg

Attachment  
cc: Steve Gregory

# Affidavit of Publication

STATE OF NEW MEXICO )

) ss.

COUNTY OF LEA )

**Joyce Clemens** being first duly sworn on oath deposes and says that he is **Adv. Director** of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

**Notice Of Publication**

and numbered \_\_\_\_\_ in the

\_\_\_\_\_ Court of Lea County, New Mexico, was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, once each week on the same day of the week, for **one (1)**

consecutive weeks, beginning with the issue of

**August 8**, 19 **91**

and ending with the issue of

**August 8**, 19 **91**

And that the cost of publishing said notice is the sum of \$ **79.56**

which sum has been (Paid) (Assessed) as Court Costs

Subscribed and sworn to before me this **9th**

day of **August**, 19 **91**

*Mrs Jean Service*  
Notary Public, Lea County, New Mexico

My Commission Expires **Sept. 28**, 19 **94**

**NOTICE OF PUBLICATION**  
**STATE OF NEW MEXICO**  
**ENERGY, MINERAL 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) 827-6800:

(GW-85) 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 Navajo Compressor Station located in the NW/4, Section 7, Township 23 North, Range 10 West, NMPM, San Juan 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 100 feet with a total dissolved solids concentration of approximately 300 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-86) BCC, Inc. Elizabeth B. Keeshan, President, 135 Grant, Santa Fe, New Mexico, 87501, has submitted a discharge plan application for its North Lybrook Compressor Station located in the SE/4, Section 22, Township 23 North, Range 7 West, NMPM, San Juan County, New Mexico. Approximately 14 gallons per day of washdown water will be stored in an above ground fiberglass tank prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 225 feet with a total dissolved solids concentration of approximately 1470 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-75) HMC Oilfield Services, Inc., Robert J. Meddler, Director, Environmental and Safety, P. O. Box 2442, Houston, Texas 77252, has submitted a discharge plan application for its Hobbs service facility located in Section 29, Township 18 South, Range 38 East, NMPM, 3000 West County Road, Lea County, New Mexico. Approximately 800 gallons per day of wastewater are presently stored in an above ground storage tank prior to disposal in an OCD approved offsite disposal facility. Proposed modifications include the installation of a wastewater recycling system. Unrecyclable wastes will be stored in below grade concrete sump 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 in the Ogallala aquifer at a depth of 55 feet with a total dissolved solids concentration ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-72) The Western Company of North America, Ron McKeel, Director, Real Estate and Facilities, 515 Post Oak Blvd., Suite 915, Houston, Texas 77027, has submitted a discharge plan application for its Hobbs service facility located in the NE/4, Section 20, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 8950 gallons per day of wastewater with a total dissolved solids concentration of 3942 mg/l is stored in below grade fiberglass tanks prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is in the Ogallala aquifer at a depth of approximately 55 feet with a total dissolved solids concentration of ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-78) Star Tool Company, David T. Taylor, Vice President, P. O. Box 2008, Hobbs, New Mexico 88240, has submitted a discharge plan application for its Hobbs service facility located in the NE/4 NW/4, Section 32, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 10 gallons per day of wastewater are currently stored in unlined pits prior to disposal at an OCD approved offsite disposal facility. Proposed modifications include the installation of a wastewater recycling system. Unrecyclable wastes will be collected in above ground tanks prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 44 feet with a total dissolved solids concentration ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-73) Dowell Schlumberger, Inc., M. L. Wood Jr., Environmental Coordinator, 1105 West Bender Street, Hobbs, New Mexico 88240, has submitted a discharge plan application for its Hobbs service facility located in the NE/4 NE/4, Section 28, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 2200 gallons per day of wastewater is stored in above grade tanks and lined pits prior to disposal at an OCD approved offsite disposal facility. Proposed modifications include the installation of a wastewater recycling system and closure of all surface impoundments. Wastes not recyclable will be disposed of at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 65 feet with a total dissolved solids concentration ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-14) Navajo Refining Company, David G. Griffin, Superintendent, Environmental Affairs, P. O. Box 159, Artesia, New Mexico 88210, has submitted a discharge plan renewal application for its Lovington Refinery located in the SW/4, Section 31, Township 16 South, Range 37 East; the SE/4 of Section 36, Township 16 South, Range 36 East; the NW/4 of Section 6, Township 17 South, Range 37 East; and the NE/4 of Section 1, Township 17 South, Range 36 East, NMPM, Lea County, New Mexico. Approximately 175,000 gallons per day of process wastewater with a total dissolved solids concentration of 1300 mg/l will undergo treatment in a USEPA regulated pretreatment unit prior to discharge to the City of Lovington sanitary sewer system. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 60 feet to 80 feet with a total dissolved solids concentration of 450 mg/l. The discharge plan addresses how spills, leaks and

# Affidavit of Publication

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

STATE OF NEW MEXICO )  
 ) ss.  
COUNTY OF LEA )

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:

**Joyce Clemens** being first duly sworn on oath deposes and says that he is **Adv. Director** of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

(GW-85)-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 Navajo Compressor Station located in the NW/4, NW/4, Section 7, Township 25 North, Range 10 West, NMPM, San Juan 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 100 feet with a total dissolved solids concentration of approximately 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

That the notice which is hereto attached, entitled

**Notice Of Publication**

and numbered ..... in the ..... Court of Lea County, New Mexico, was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, once each week on the same day of the week, for **one (1)** .....

(GW-86)-BCO, Inc.-Elizabeth B. Keeshan, President, 135 Grant, Santa Fe, New Mexico, 87501, has submitted a discharge plan application for its North Lybrook Compressor Station located in the SE/4 SE/4, Section 2, Township 23 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Approximately 14 gallons per day of wastewater will be stored in an aboveground fiberglass tank prior to disposal in an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 225 feet with a total dissolved solids concentration of approximately 1470 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

consecutive weeks, beginning with the issue of .....

**August 8** ....., 19 **91**

(GW-75)-HOMCO International, Inc., Robert J. Meddler, Director, Environmental and Safety, P. O. Box 2442, Houston, Texas 77252, has submitted a discharge plan application for its Hobbs service facility located in Section 29, Township 18 South, Range 38 East, NMPM, 3000 West County Road, Lea County, New Mexico. Approximately 800 gallons per day of wastewater are presently stored in an above ground storage tank prior to disposal in an OCD approved offsite disposal facility. Proposed modifications include the installation of a wastewater recycling system. Unrecyclable wastes will be stored in below grade concrete sump 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 in the Ogallala aquifer at a depth of 55 feet with a total dissolved solids concentration ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

and ending with the issue of .....

**August 8** ....., 19 **91**

(GW-72)-The Western Company of North America, Ron McKeel, Director, Real Estate and Facilities, 515 Post Oak Blvd., Suite 915, Houston, Texas 77027, has submitted a discharge plan application for its Hobbs service facility located in the NE/4, Section 20, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 3350 gallons per day of wastewater with a total dissolved solids concentration of 3942 mg/l is stored in below grade fiberglass tanks prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is in the Ogallala aquifer at a depth of approximately 55 feet with a total dissolved solids concentration of ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

And that the cost of publishing said notice is the sum of \$ **79.56** .....

(GW-76)-Star Tool Company, David T. Taylor, Vice President, P. O. Box 2008, Hobbs, New Mexico 88240, has submitted a discharge plan application for its Hobbs service facility located in the NE/4 NW/4, Section 32, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 10 gallons per day of wastewater are currently stored in unlined pits prior to disposal at an OCD approved offsite disposal facility. Proposed modifications include the installation of a wastewater recycling system. Unrecyclable wastes will be collected in above ground tanks prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 44 feet with a total dissolved solids concentration ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

which sum has been (Paid) (~~Assessed~~) as Court Costs

*Joyce Clemens*  
.....

Subscribed and sworn to before me this **9th** day of **August**, 19 **91**

*Mrs Jean Service*  
Notary Public, Lea County, New Mexico

(GW-73)-Dowell Schlumberger, Inc., M. L. Wood Jr., Environmental Coordinator, 1105 West Bender Street, Hobbs, New Mexico 88240, has submitted a discharge plan application for its Hobbs service facility located in the NE/4 NE/4, Section 28, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately

My Commission Expires **Sept. 28**, 19 **94**

and lined pits prior to disposal at an OCD approved offsite disposal facility. Proposed modifications include the installation of a wastewater recycling system and closure of all surface impoundments. Wastes not recyclable will be disposed of at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 68 feet with a total dissolved solids concentration ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-14)-Navajo Refining Company, David G. Griffin, Superintendent, Environmental Affairs, P.O. Box 159, Artesia, New Mexico 88210, has submitted a discharge plan renewal application for its Lovington Refinery located in the SW/4, Section 31, Township 16 South, Range 37 East; the SE/4 of Section 36, Township 16 South, Range 36 East; the NW/4 of Section 6, Township 17 South, Range 37 East; and the NE/4 of Section 1, Township 17 South, Range 36 East, NMPM, Lea County, New Mexico. Approximately 175,000 gallons per day of process wastewater with a total dissolved solids concentration of 1300 mg/l will undergo treatment in a USEPA regulated pretreatment unit prior to discharge to the City of Lovington sanitary sewer system. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 60 feet to 80 feet with a total dissolved solids concentration of 450 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. to 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

SEAL

Published in the Lovington Daily Leader August 8, 1991.

AFFIDAVIT OF PUBLICATION

No. 28175

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 qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for ONE consecutive (days) (weeks) on the same day as follows:

- First Publication FRIDAY, AUGUST 16, 1991
- Second Publication \_\_\_\_\_
- Third Publication \_\_\_\_\_
- Fourth Publication \_\_\_\_\_

and that payment therefore in the amount of \$101.69 has been made.

*Christine Hill*

Subscribed and sworn to before me this 30th day of AUGUST, 1991.

*Connie Andrae*

Notary Public, San Juan County,  
New Mexico

My Comm expires: JULY 3, 1993

*RJ*

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 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-85) - 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 Navajo Compressor Station located in the NW/4, NW/4, Section 7, Township 25 North, Range 10 West, NMPM, San Juan 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 100 feet with a total dissolved solids concentration of approximately 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-86) - BCO, Inc., Elizabeth B. Keeshan, President, 135 Grant, Santa Fe, New Mexico, 87501, has submitted a discharge plan application for its North Lybrook Compressor Station located in the SE/4 SE/4, Section 2, Township 23 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Approximately 14 gallons per day of wastewater will be stored in an above-ground fiberglass tank prior to disposal in an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 225 feet with a total dissolved solids concentration of approximately 1470 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-75) - HOMCO International, Inc., Robert J. Meddler, Director, Environmental and Safety, P. O. Box 2442, Houston, Texas 77252, has submitted a discharge plan application for its Hobbs service facility located in Section 29, Township 18 South, Range 38 East, NMPM, 3000 West County Road, Lea County, New Mexico. Approximately 800 gallons per day of wastewater are presently stored in an above ground storage tank prior to disposal in an OCD approved offsite disposal facility. Proposed modifications include the installation of a wastewater recycling system. Unrecyclable wastes will be stored in below grade concrete sump 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 in the Ogallala aquifer at a depth of 55 feet with a total dissolved solids concentration ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-72) - The Western Company of North America, Ron McKeel, Director, Real Estate and Facilities, 515 Post Oak Blvd., Suite 915, Houston, Texas 77027, has submitted a discharge plan application for its Hobbs service facility located in the NE/4, Section 20, Township 18 South, Range 28 East, NMPM, Lea County, New Mexico. Approximately 3350 gallons per day of waste water with a total dissolved solids concentration of 3942 mg/l is stored in below grade fiberglass tanks prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is in the Ogallala aquifer at a depth of approximately 55 feet with a total dissolved solids concentration of ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-76) - Star Tool Company, David T. Taylor, Vice-President, P. O. Box 2008, Hobbs, New Mexico

88240, has submitted a discharge plan application for its Hobbs service facility located in the NE/4 NW /4, Section 32, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 10 gallons per day of wastewater are currently stored in unlined pits prior to disposal at an OCD approved offsite disposal facility. Proposed modifications include the installation of a wastewater recycling system. Unrecyclable wastes will be collected in above ground tanks prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 44 feet with a total dissolved solids concentration ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-73) - Dowell Schlumberger, Inc., M. L. Wood Jr., Environmental Coordinator, 1105 West Bender Street, Hobbs, New Mexico 88240, has submitted a discharge plan application for its Hobbs service facility located in the NE/4 NE/4, Section 28, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 2200 gallons per day of wastewater is stored in above grade tanks and lined pits prior to disposal at an OCD approved offsite disposal facility. Proposed modifications include the installation of a wastewater recycling system and closure of all surface impoundments. Wastes not recyclable will be disposed of at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 68 feet with a total dissolved solids concentration ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-14) - Navajo Refining Company, David G. Griffin, Superintendent, Environmental Affairs, P. O. Box 159, Artesia, New Mexico 88210, has submitted a discharge plan renewal application for its Lovington refinery located in the SW/4, Section 31, Township 16 South, Range 37 East; the SE/4 of Section 36, Township 16 South, Range 36 East; the NW/4 of Section 6, Township 17 South, Range 37 East; and the NE/4 of Section 1, Township 17 South, Range 36 East, NMPM, Lea County, New Mexico. Approximately 175,000 gallons per day of process wastewater with a total dissolved solids concentration of 1300 mg/l will undergo treatment in a USEPA regulated pretreatment unit prior to discharge to the City of Lovington sanitary sewer system. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 60 feet to 80 feet with a total dissolved solids concentration of 450 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 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

SEAL

Legal No 28175 published in the Farmington Daily Times, Farmington, New Mexico on Friday, August 16, 1991.

STATE OF NEW MEXICO  
County of Bernalillo

SS

OIL CONS

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..... 14 ..... day  
of..... Aug ..... 1991, and the subsequent consecutive  
publications on....., 1991.

*Thomas J. Smithson*

Sworn and subscribed to before me, a Notary Public in and for the County of Bernalillo and State of New Mexico, this..... 14 ..... day of..... Aug ..... 1991.

PRICE..... \$67.95

Statement to come at end of month.

ACCOUNT NUMBER..... C 81184

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

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-85)-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 Navajo Compressor Station located in the NW/4, NW/4, Section 7, Township 25 North, Range 10 West, NMPM, San Juan 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 100 feet with a total dissolved solids concentration of approximately 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-86)-BCO, Inc., Elizabeth B. Keeshan, President, 135 Grant, Santa Fe, New Mexico, 87501, has submitted a discharge plan application for its North Lybrook Compressor Station located in the SE/4 SE/4, Section 2, Township 23 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Approximately 14 gallons per day of wastewater will be stored in an aboveground fiberglass tank prior to disposal in an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 225 feet with a total dissolved solids concentration of approximately 1470 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-75)-HOMCO International, Inc., Robert J. Meddler, Director, Environmental and Safety, P.O. Box 2442, Houston, Texas 77252, has submitted a discharge plan application for its Hobbs service facility located in Section 29, Township 18 South, Range 38 East, NMPM, 3000 West County Road, Lea County, New Mexico. Approximately 800 gallons per day of wastewater are presently stored in an above ground storage tank prior to disposal in an OCD approved offsite disposal facility. Proposed modifications include the installation of a wastewater recycling system. Unrecyclable wastes will be stored in below grade concrete sump 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 in the Ogallala aquifer at a depth of 55 feet with a total dissolved solids concentration ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-72)-The Western Company of North America, Ron McKeel, Director, Real Estate and Facilities, 515 Post Oak Blvd., Suit 915, Houston, Texas 77027, has submitted a discharge plan application for its Hobbs service facility located in the NE/4, Section 20, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 3350 gallons per day of wastewater with a total dissolved solids concentration of 3942 mg/l is stored in below grade fiberglass tanks prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is in the Ogallala aquifer at a depth of approximately 55 feet with a total dissolved solids concentration of ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-76)-Star Tool Company, David T. Taylor, Vice President, P.O. Box 2008, Hobbs, New Mexico 88240, has submitted a discharge plan application for its Hobbs service facility located in the NE/4, NW/4, Section 32, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 10 gallons per day of wastewater are currently stored in unlined pits prior to disposal at an OCD approved offsite disposal facility. Proposed modifications include the installation of a wastewater recycling system. Unrecyclable wastes will be collected in above ground water tanks prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 44 feet with a total dissolved solids concentration ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-73)-Dowell Schlumberger, Inc., M.L. Wood Jr., Environmental Coordinator, 1105 West Bender Street, Hobbs, New Mexico 88240, has submitted a discharge plan application for its Hobbs service facility located in the NE/4 NE/4, Section 28, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 2200 gallons per day of wastewater is stored in above grade tanks and lined pits prior to disposal at an OCD approved offsite disposal facility. Proposed modifications include the installation of a wastewater recycling system and closure of all surface impoundments. Wastes not recyclable will be disposed of at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 68 feet with a total dissolved solids concentration ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-14)-Navajo Refining Company, David G. Griffin, Superintendent, Environmental Affairs, P.O. Box 159, Artesia, New Mexico 88210, has submitted a discharge plan renewal application for its Lovington Refinery located in the SE/4, Section 31, Township 16 South, Range 37 East; the SE/4 of Section 36, Township 16 South, Range 36 East; the NW/4 of Section 6, Township 17 South, Range 37 East; and the NE/4 of Section 1, Township 17 South, Range 36 East, NMPM, Lea County, New Mexico. Approximately 175,000 gallons per day of process wastewater with a total dissolved solids concentration of 1300 mg/l will undergo treatment in a USEPA regulated pretreatment unit prior to discharge to the City of Lovington sanitary sewer system. Groundwater most likely to be affected by an accidental discharge is at a depth ranging for 60 feet to 80 feet with a total dissolved solids concentration of 450 mg/l. The discharge plan addresses how spills, leaks and other accidental discharge 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. Request 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 5

OFFICE SEAL  
Bernadette Ortiz  
PUBLIC-NEW MEXICO  
SECRETARY OF STATE  
12/18/93

**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-85) - 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 Navajo Compressor Station located in the NW/4, NW/4, Section 7, Township 25 North, Range 10 West, NMPM, San Juan 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 100 feet with a total dissolved solids concentration of approximately 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.**

**(GW-86) - BCO, Inc., Elizabeth B. Keeshan, President, 135 Grant, Santa Fe, New Mexico, 87501, has submitted a discharge plan application for its North Lybrook Compressor Station located in the SE/4 SE/4, Section 2, Township 23 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Approximately 14 gallons per day of wastewater will be stored in an above-ground fiberglass tank prior to disposal in an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 225 feet with a total dissolved solids concentration of approximately 1470 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.**

**(GW-75) - HOMCO International, Inc., Robert J. Meddler, Director, Environmental and Safety, P. O. Box 2442, Houston, Texas 77252, has submitted a discharge plan application for its Hobbs service facility located in Section 29, Township 18 South, Range 38 East, NMPM, 3000 West County Road, Lea County, New Mexico. Approximately 800 gallons per day of wastewater are presently stored in an above ground storage tank prior to disposal in an OCD approved offsite disposal facility. Proposed modifications include the installation of a wastewater recycling system. Unrecyclable wastes will be stored in below grade concrete sump 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 in the Ogallala aquifer at a depth of 55 feet with a total dissolved solids concentration ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.**

(GW-72) - The Western Company of North America, Ron McKeel, Director, Real Estate and Facilities, 515 Post Oak Blvd., Suite 915, Houston, Texas 77027, has submitted a discharge plan application for its Hobbs service facility located in the NE/4, Section 20, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 3350 gallons per day of wastewater with a total dissolved solids concentration of 3942 mg/l is stored in below grade fiberglass tanks prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is in the Ogallala aquifer at a depth of approximately 55 feet with a total dissolved solids concentration of ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-76) - Star Tool Company, David T. Taylor, Vice President, P. O. Box 2008, Hobbs, New Mexico 88240, has submitted a discharge plan application for its Hobbs service facility located in the NE/4 NW/4, Section 32, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 10 gallons per day of wastewater are currently stored in unlined pits prior to disposal at an OCD approved offsite disposal facility. Proposed modifications include the installation of a wastewater recycling system. Unrecyclable wastes will be collected in above ground tanks prior to disposal at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 44 feet with a total dissolved solids concentration ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-73) - Dowell Schlumberger, Inc., M. L. Wood Jr., Environmental Coordinator, 1105 West Bender Street, Hobbs, New Mexico 88240, has submitted a discharge plan application for its Hobbs service facility located in the NE/4 NE/4, Section 28, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 2200 gallons per day of wastewater is stored in above grade tanks and lined pits prior to disposal at an OCD approved offsite disposal facility. Proposed modifications include the installation of a wastewater recycling system and closure of all surface impoundments. Wastes not recyclable will be disposed of at an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 68 feet with a total dissolved solids concentration ranging from 300 mg/l to 700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

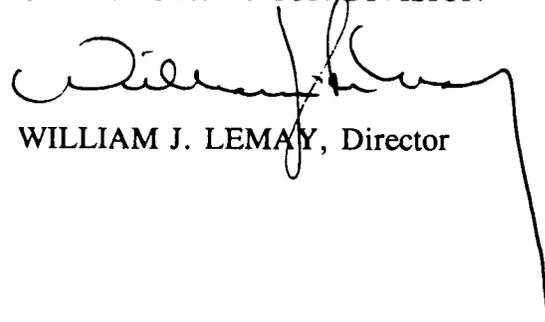
(GW-14) - Navajo Refining Company, David G. Griffin, Superintendent, Environmental Affairs, P. O. Box 159, Artesia, New Mexico 88210, has submitted a discharge plan renewal application for its Lovington Refinery located in the SW/4, Section 31, Township 16 South, Range 37 East; the SE/4 of Section 36, Township 16 South, Range 36 East; the NW/4 of Section 6, Township 17 South, Range 37 East; and the NE/4 of Section 1, Township 17 South, Range 36 East, NMPM, Lea County, New Mexico. Approximately 175,000 gallons per day of process wastewater with a total dissolved solids concentration of 1300 mg/l will undergo treatment in a USEPA regulated pretreatment unit prior to discharge to the City of Lovington sanitary sewer system. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 60 feet to 80 feet with a total dissolved solids concentration of 450 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 5th day of August, 1991.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY, Director

S E A L

**NAVAJO COMPRESSOR STATION  
DISCHARGE PLAN**

**PREPARED FOR:  
OIL CONSERVATION DIVISION  
JUNE 21, 1991**

**UNION OIL CO. OF CALIFORNIA, DBA UNOCAL  
3300 N. BUTLER, SUITE 200  
FARMINGTON, NEW MEXICO  
87401  
(505) 326-7600**

OIL CONSERVATION DIVISION  
RECEIVED  
21 JUN 21 PM 3 00

## Discharge Plan

This Discharge Plan has been prepared in accordance with Oil Conservation Division's "Guidelines for the Preparation of Ground Water Discharge Plans at Natural Gas Processing Plants".

### I General Information

UNOCAL proposes to install a field gas compressor to be known as "Navajo Compressor Station", in San Juan County, New Mexico. An underground tank and pit, both with leak detection, will also be located at this site, and are included in the discharge plan.

All spills, leaks, and discharges from this site will be handled in accordance with OCD regulations, customary practices and common sense.

The proposed start-up date for this compressor is Aug 16, 1991.

**Discharger:**

Unocal  
3300 N. Butler, Suite 200  
Farmington, NM 87401  
(505) 326-7600

**Local representative:**

Unocal  
P.O. Box 850  
Bloomfield, NM 87413  
(505) 632-1811  
Attn: R.L. Caine

**Location of discharge:** *ND/ADW*

Section 7, T-25-N, R-10-W, NMPM, ~~Rio~~ *Son* *Illegible*  
~~Arriba~~ County, NM.

**Type of OPERATION**

The proposed installation is a field compressor station consisting of

- . a 100 horse power (derated), skid-mounted compressor,
- . a 500 gallon fiberglass tank with leak detection for compressor skid washdown water,
- . a suction scrubber to be located on the inlet side of the compressor,
- . an inter-stage scrubber
- . a discharge scrubber, to be located on the outlet side of the compressor,
- . a 9.4' x 9.4' x 2' lined pit w/ leak detection,
- . a 15 - gallon anti-freeze storage on skid,
- . a 30 - gallon oil storage tank, on skid,
- . a 55 - gallon, waste coolant/water barrel with leak detection pan.

Discharges from each of these components of the site are discussed separately in section II of this application. A site plan is attached.

**II PLANT PROCESSES**

**Effluent Sources, Characteristics, and Handling**

**Compressor:**

A 100-horsepower (derated), skid-mounted, reciprocating compressor will be installed on the site.

The compressor will be mounted on a skid having 2" ecology rails to insure containment of drips, spills, and washdown water. The compressor will be steam-cleaned approximately once a year, using some 200 gallons of potable water hauled to the site for this purpose. Washdown water from the steam compressor will be contained by the skid's ecology rails.

This washdown water runoff will be contaminated with hydrocarbons from the compressor lubricating oil and natural gas condensate. It will be contained by the 2" ecology rails and piped into a 500-gallon fiberglass tank buried with its top at grade having a leak detection system as shown in the attachments

Waste lube oil will be generated at an expected rate of 10 gallons per 1000 hours of operation. This oil will be hauled from the site by Compressor Systems, Inc. (CSI), the maintenance contractor, for recycling by an NMED-approved recycler.

New engine lube oil will be stored on the skid in a 30-gallon steel tank.

Ethylene Glycol will be used for make-up engine coolant. 15 gallons will be stored in a steel tank located on the skid.

**Scrubbers:**

A suction scrubber will be located on the inlet side of the compressor. An interstage scrubber will be located between the two stages of compressor, a discharge scrubber will be located on the outlet side of the compressor.

*4 1/2 hrs per week*

*1500*

*underground  
above ground  
leak detection  
system*

*1000*

*inside ecology rails*



1-15-20  
Natural gas liquids from these scrubbers will be directed to the lined pit. The volume of liquid from the scrubbers is expected to be very small.

#### **Lined Pit:**

A lined pit, constructed and installed according to OCD's guidelines, will be installed near the compressor skid.

The pit will be 9.4' x 9.4' x 2' deep, with a capacity of 865 gallons. The pit will be double lined. The liner system will consist of a 30-mil PVC underliner, a single layer of 6 oz geotextile, a 30-mil reinforced XR-5 primary liner, and a vacuum-type leak detection system. The XR-5 liner is UV resistant, hydrocarbon resistant, and resistant to chemicals like glycol, etc...

The hydrocarbons will be removed from the pit for OCD approved disposal as necessary.

#### **500-gallon Fiberglass Tank**

An enclosed fiberglass tank, constructed and installed in accordance with OCD's "Guidelines for the Selection and Installation of Below Grade Produced Water Tanks" will be installed with leak detection.

The tank will be emptied as necessary and the fluids removed for OCD approved disposal.

#### **Effluent Handling and Site Housekeeping**

This site will be visited daily by a UNOCAL employee, and several times a month by a CSI employee. Leaks, spills, and drips will be handled as follows:

Small spills will be absorbed with soil and shoveled into drums for off-site disposal by an OCD-approved disposal contractor.

Large spills will be contained with temporary berms. Free liquids will be pumped into drums. Contaminated soil will be shoveled into drums for off-site disposal by an OCD-approved disposal contractor.

Verbal and written notification of leaks or spills will be made to OCD in accordance with OCD Rule 116.

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.

### **III Effluent Disposal**

All effluents from this site will be handled in accordance with OCD and NMED regulations. All effluents will be recycled if possible. Effluents which cannot be recycled, such as contaminated soil, will be disposed of.

The recycling and disposal contractors used by UNOCAL and CSI, are or will be approved by the New Mexico Environment Department or Oil Conservation Division, as appropriate, for the hauling and final disposition of effluents.

**UNOCAL will use the following contractors or other OCD & NMED approved contractors:**

**Light hydrocarbons:** Meridian Oil Transportation  
4551 Herrera Road  
Farmington, NM 87401

**Accumulated water hauling:** C & J Trucking  
P O Box 1246  
Farmington, NM 87499

**Disposal:** Southwest Disposal  
County Road 4599  
Blanco, NM 87412

**Used lube oil:** Mesa Oil Inc.  
4701 Broadway SE  
Albuquerque, NM 87105

### **IV Site Characteristics**

The NAVAJO compressor site is located adjacent to the Gallegos Canyon wash at an elevation of 6400 feet. The site is about 300 feet from a series of intermittent streams which flow south, downslope into Gallegos Canyon wash, eventually in the San Juan River, near Lee Acres, New Mexico.

Based on well information from the San Juan Basin-Crownpoint Surveillance Study, prepared by the USGS, dated March 1981, the Huerfano Dorm PM-2 well, in T-26-N, R-11-W, Sec. 33, encountered ground water at depth from 300-435 feet from surface.

AFFIRMATION

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

  
Signature

6/24/91  
Date

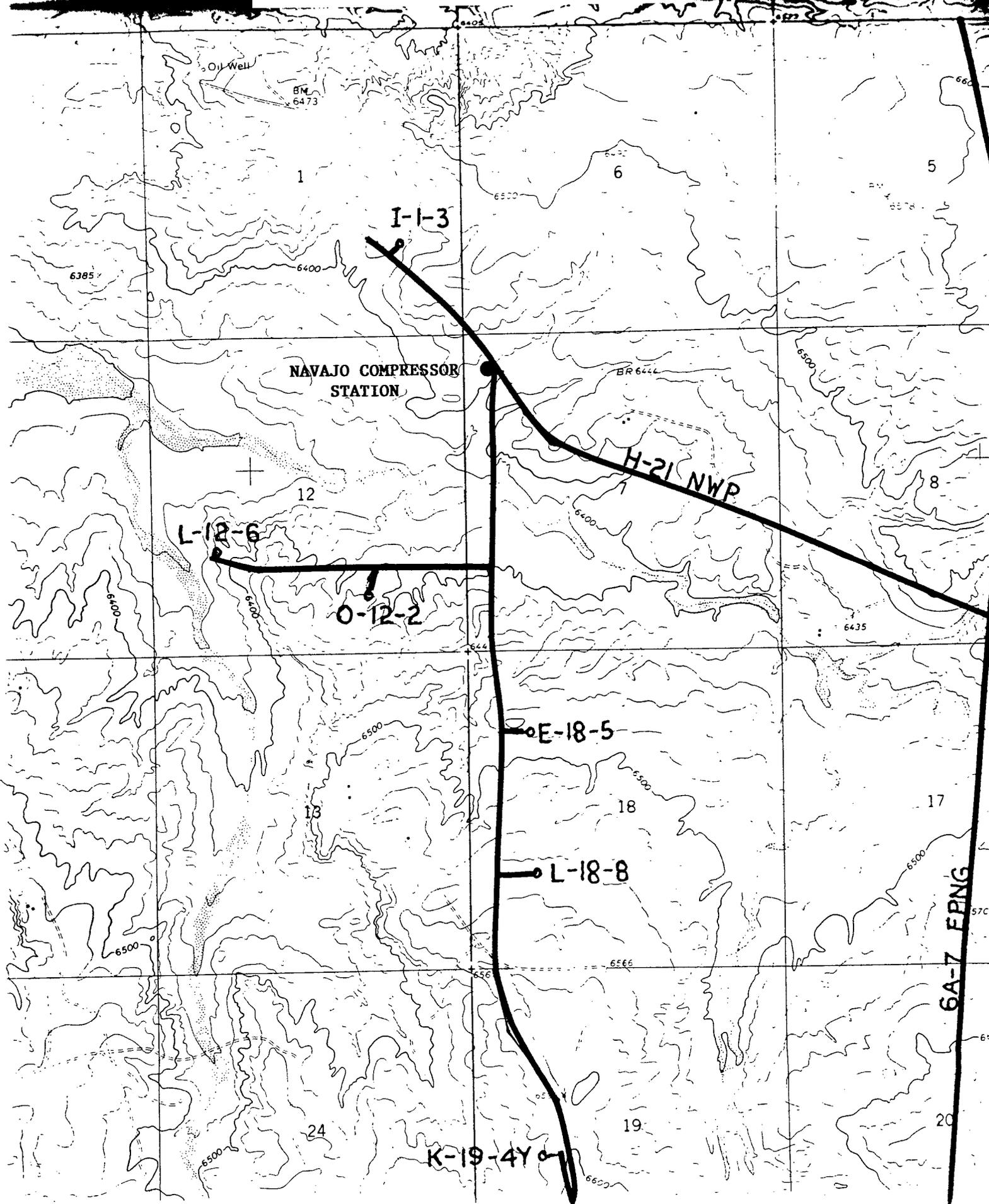
GLEN C. PAPP  
Printed Name

DISTRICT PRODUCTION ENGINEER  
Title

ATTACHMENTS  
NAVAJO COMPRESSOR STATION

SITE LOCATION	ATTACHMENTS 1 & 2
SITE PIPING SCHEMATIC	ATTACHMENT 3
COMPRESSOR DRIP RAIL AND DRAINS	ATTACHMENTS 4 & 5
MATERIAL SAFETY DATA SHEETS	ATTACHMENTS 6,7,& 8

# ATTACHMENT #1



BUREAU OF LAND MANAGEMENT  
 NAVAJO LEASE COMPRESSOR SITE  
 LOCATED IN THE NW1/4 SECTION 7,  
 T25N, R10W, N.M.P.M.  
 SAN JUAN COUNTY, N.M.

LEGAL DESCRIPTION:

A lease compressor site located in the NW1/4 of Section 7, T25N, R10W, N.M.P.M., San Juan County, New Mexico, and being more particularly described as follows:

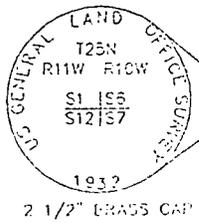
Beginning at point whence the NW corner of said Section 7 (monumented by a standard 2 1/2" GLO brass cap, marked: "1932") bears N 33°26'32" W, 1162.62 feet distant;  
 Thence S 48°30'00" E, 150.00 feet;  
 Thence S 41°30'00" W, 150.00 feet;  
 Thence N 48°30'00" W, 150.00 feet;  
 Thence N 41°30'00" E, 150.00 feet to the point of beginning;  
 containing 22,500 square feet and 0.52 acres.

SURVEYOR'S CERTIFICATION:

This is to certify that this plat and the survey that it represents was prepared and conducted by me and that, in my professional opinion, they both meet the Minimum Standards for Surveying in New Mexico.

*Richard L. Sinkiewicz*  
 Richard L. Sinkiewicz, P.S.  
 New Mexico Cert. No. 11225

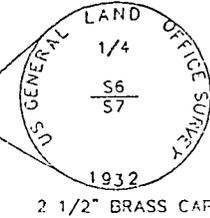
*4-5-91*  
 Date



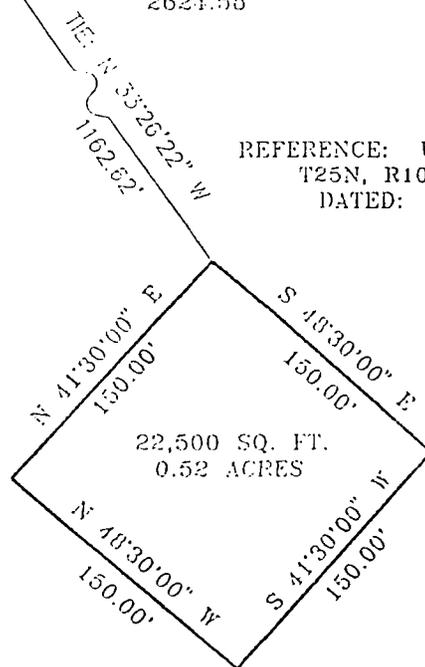
BASIS OF BEARING:  
 NORTH LINE OF THE  
 NW1/4 SECTION 7

N 89°50'00" E

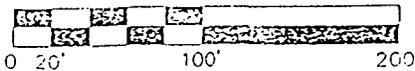
2624.59'



REFERENCE: USGLO PLAT FOR  
 T25N, R10W, N.M.P.M.  
 DATED: 1/24/35



22,500 SQ. FT.  
 0.52 ACRES



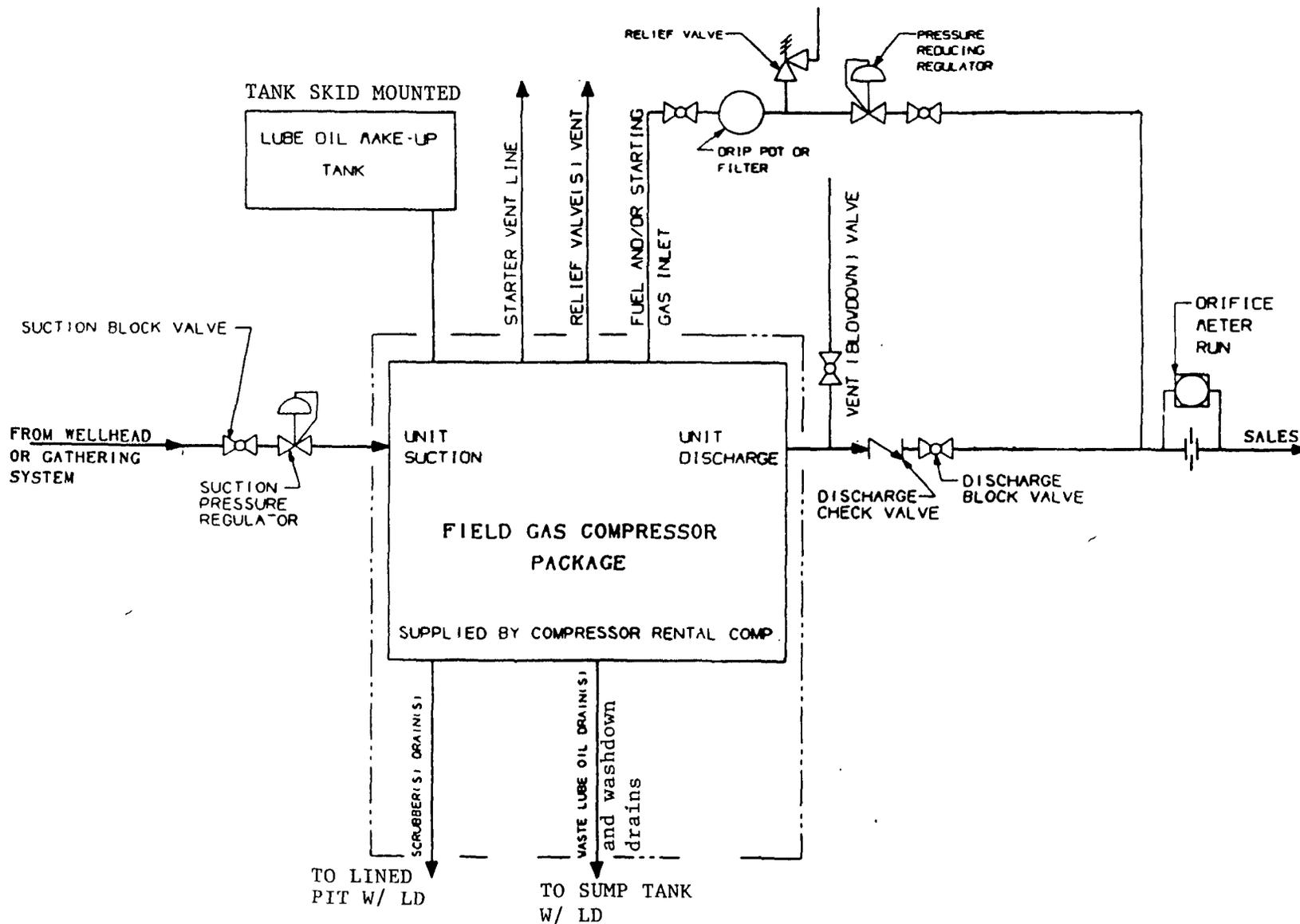
SCALE: 1"=100'

DATE OF FIELD WORK:  
 APRIL 3, 1991

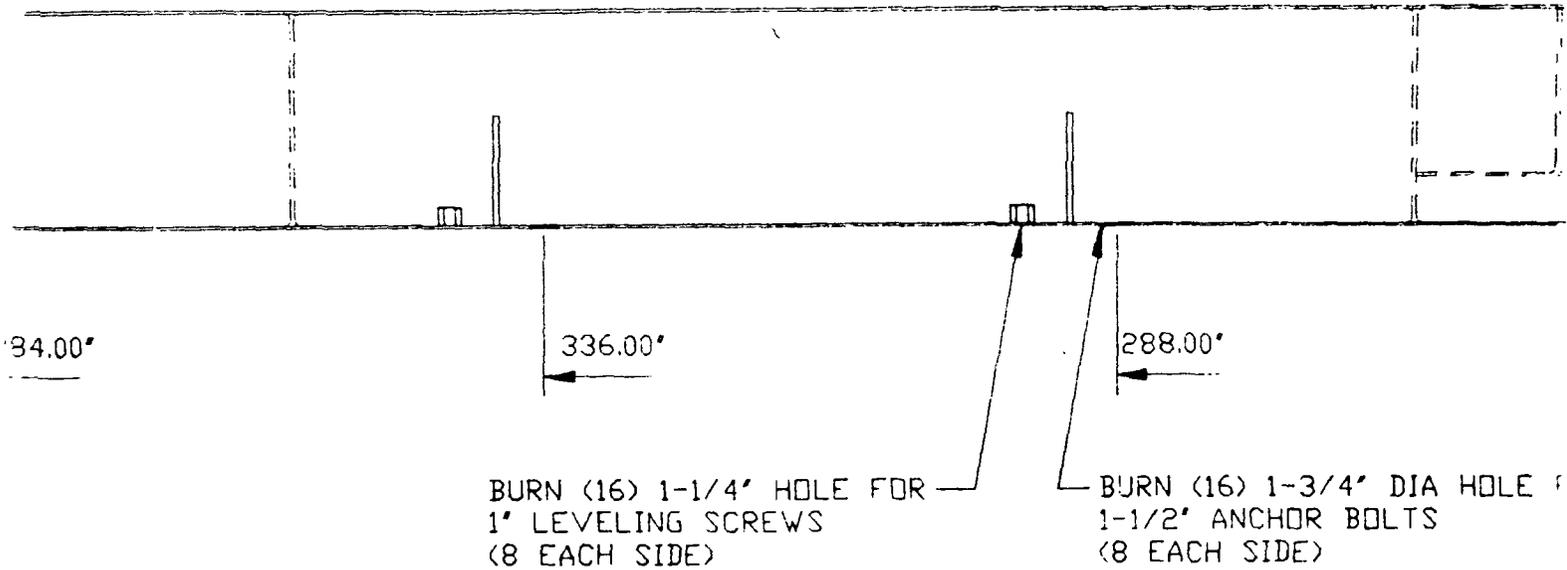
UNOCAL CORP.		
SCALE: 1" = 100'	NW1/4 SEC. 7, T25N, R10W, N.M.P.M. SAN JUAN COUNTY, N.M.	DRAWN BY: R.L.S.
DATE: APRIL 5, 1991		REVISED:
NAVAJO LEASE COMPRESSOR SITE		
BUREAU OF LAND MANAGEMENT		
TRIGON ENGINEERING INC DENVER COLORADO		
SURVEYED BY CLARK-REED & ASSOC. 960 E. 2ND AVE., DURANGO, COLORADO 81301		JOB NUMBER 91007

ATTACHMENT #2

# COMPRESSOR INSTALLATION DETAILS

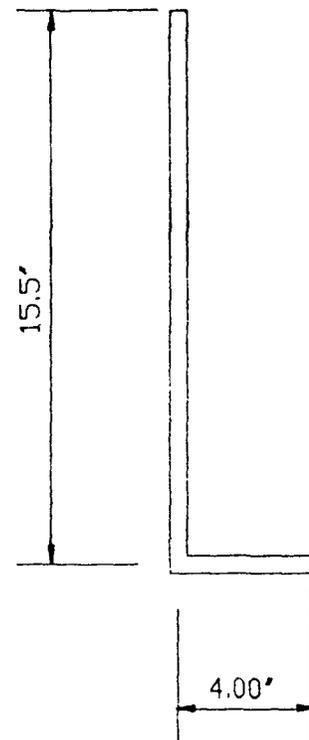


# ATTACHMENT #4

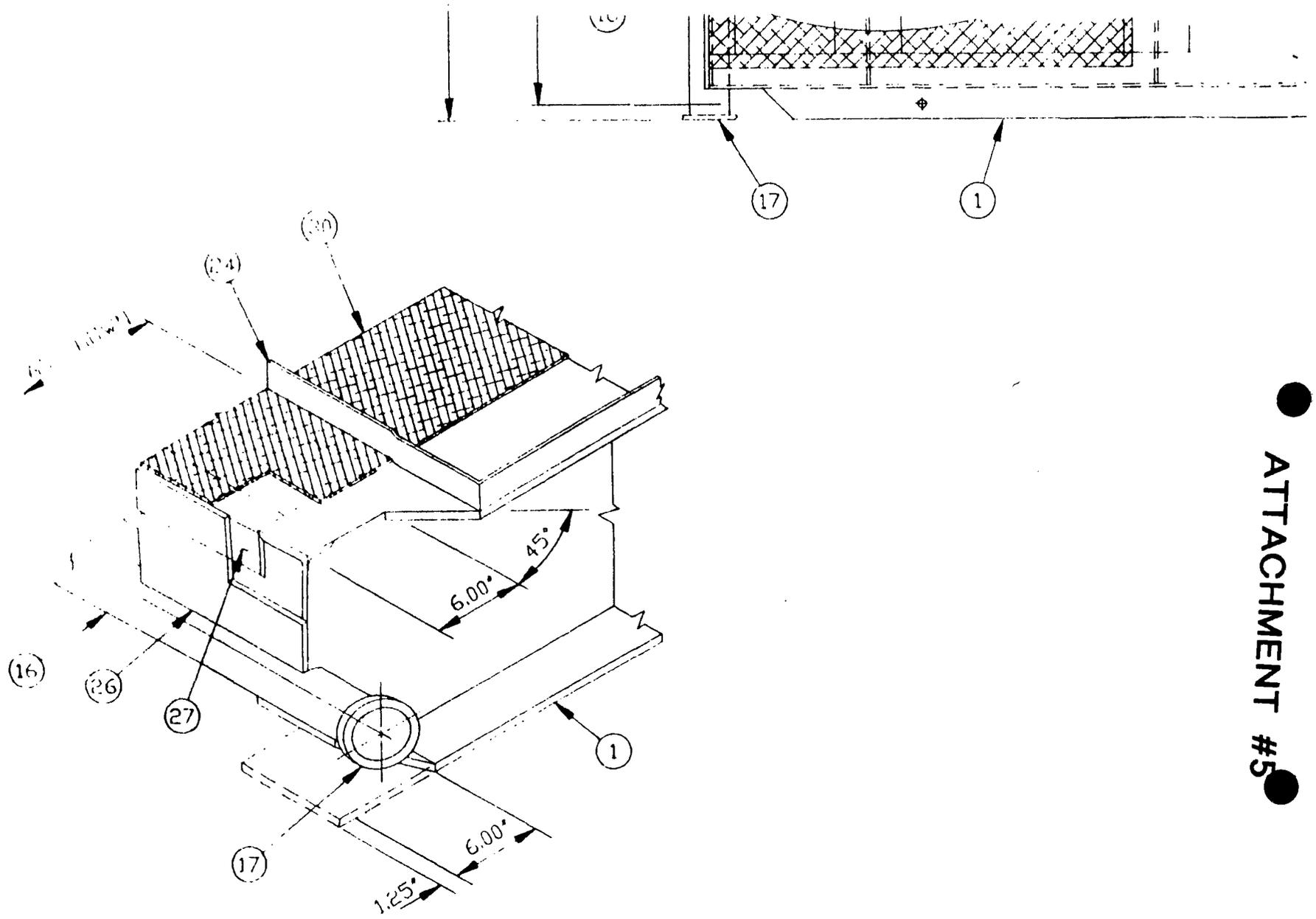


## SHOP NOTES

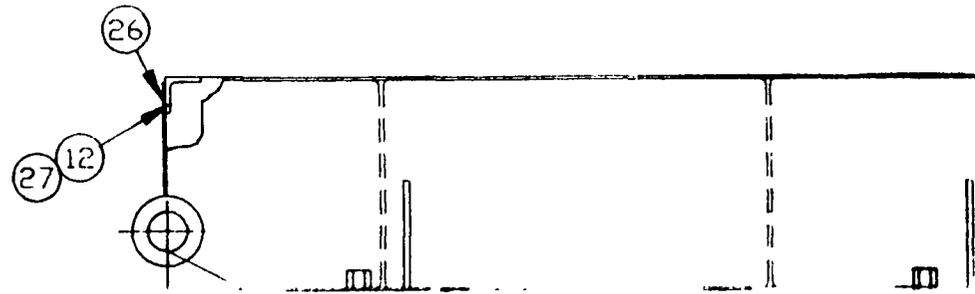
- 1.) SKID TO BE PARTIAL CONCRETE FILLED.
- 2.) SEAL WELD ALL FLOOR PL ON TOP SIDE.
- 3.) TACK WELD FLOOR PL ON BOTTOM SIDE.
- 4.) CLEAN ALL SLAG AND BUCKSHOT FROM TOP OF SKID.
- 5.) PRIME SKID TO CSI PAINT SPECIFICATION AFTER ENGINE RAIL AND COMPRESSOR BASE IS INSTALLED.
- 6.) SEAL WELD ALL CROSSMEMBERS TO MAIN SKID RUNNERS.
- 7.) INSTALL FLOOR PL AFTER INSTALLING ENGINE RAIL AND COMPRESSOR BASE.
- 8.) SEAL WELD ENGINE RAIL AND COMPRESSOR BASE TO MAIN SKID RUNNERS.
- 9.) ALL TAIL DIMENSIONS ARE FROM (1) OF (2) WORKLINES UNLESS NOTED OTHERWISE.
- 10.) ALL AREAS FILLED WITH CONCRETE TO HAVE REBAR.
- 11.) FILL OUTRIGERS WITH CONCRETE.
- 12.) INSTALL 2" DRIP RAIL WITH (4) 2" SKID DRAINS.



(22) DETAIL



PULLBAR DETAIL



**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 &gt;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: Setflash

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

# 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: 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 regsheet.

(Continued On Page 6)

(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: 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)  
(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: 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 76**

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

Page 1 of 5  
 Issue Date: 6/5/8

<p><b>MANUFACTURER:</b>                  UNOCAL REFINING &amp; MARKETING DIVISION                  UNION OIL COMPANY OF CALIFORNIA                  1201 W. 5TH STREET                  LOS ANGELES, CALIFORNIA 90017</p> <p>CONTACT FOR FURTHER INFORMATION:                  MSDS COORDINATOR (213) 977-7589</p>	<p>Transportation Emergencies:                  Call CHEMTREC                  (800) 424-9300 Cont. U.S.                  (202) 483-7616 (Collect)                  from Alaska &amp; Hawaii</p> <p>Health Emergencies:                  CALL LOS ANGELES POISON                  INFORMATION CENTER (24 hrs.)                  (213) 664-2121</p>
--	--

<p><b>PRODUCT IDENTIFICATION</b></p>	
<p><b>PRODUCT NAME:</b></p>	<p>UNOCAL GUARDOL <del>MOTOR OIL 30</del></p>
<p><b>SYNONYMS:</b></p>	<p>UNION GUARDOL MOTOR OIL 30</p>
<p><b>GENERIC NAME:</b></p>	<p>CRANKCASE OIL</p>
<p><b>CHEMICAL FAMILY:</b></p>	<p>PETROLEUM HYDROCARBON</p>
<p><b>DOT PROPER SHIPPING NAME:</b></p>	<p>NOT APPLICABLE</p>
<p><b>ID NUMBER:</b></p>	<p>NONE</p>

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 & Hawaii

**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.

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

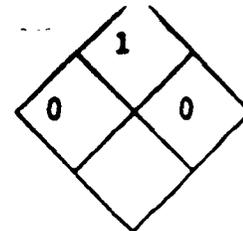
The information in this document is believed to be correct as of the date issued. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION, THE RESULTS TO BE OBTAINED 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.

PRODUCT CODE NO.

02659

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  
 generation 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, B
Zinc dialkyldithiophosphates (ZDDP)	< 2%	Not Established

The identities of ingredients that are trade secrets are  
 excluded from this list.

**PERSONAL PROTECTION INFORMATION**

(SPECIFY TYPE)	If exposure exceeds the applicable TLV, a suitable filter-type respirator should be worn. SEE ADDENDUM
<b>VENTILATION</b>	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.
<b>PROTECTIVE GLOVES</b>	The use of gloves that are impermeable to oils is advised to protect against skin irritation and absorption of zinc dialkyldithiophosphates.
<b>EYE PROTECTION</b>	Safety glasses, chemical goggles, and/or face shields are recommended to safeguard against potential eye contact, irritation, or injury.
<b>OTHER PROTECTIVE EQUIPMENT</b>	Use good personal hygiene practice. Sink and eye wash should be available in work area.

**SECTION V - REACTIVITY DATA**

<b>STABILITY</b>	STABLE
<b>CONDITIONS TO AVOID</b>	Avoid contact with any source of heat or flame.
<b>STABILITY (MATERIALS) (TO AVOID)</b>	Avoid contact with strong oxidizing agents such as chlorine, permanganates and dichromates.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Thermal decomposition in the presence of air may yield major amounts of oxides of carbon and minor amounts of oxides of sulfur and nitrogen.
<b>HAZARDOUS POLYMERIZATION</b>  <b>CONDITIONS TO AVOID</b>	WILL NOT OCCUR

**SECTION VI - SPILL OR LEAK PROCEDURES**

HIGHWAY OR RAILWAY SPILLS. CALL CHEMTREC (800) 424-9300 For AK & HI: (202)483-7616

<b>PRECAUTIONS IN CASE OF RELEASE OR SPILL</b>	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.
<b>WASTE DISPOSAL METHOD</b>	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.