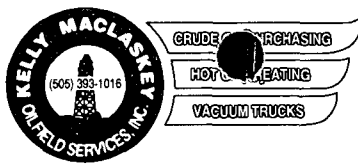


GW - 234

**GENERAL
CORRESPONDENCE**

YEAR(S):

2004 → 1995



Kelly Maclaskey Oilfield Services, Inc.

**P.O. Box 580
Hobbs, N.M. 88241
(505) 393-1016**

RECEIVED

JAN 12 2004

**Environmental Bureau
Oil Conservation Division**

January 6, 2004

State of New Mexico
Oil Conservation Division
Attn: Mr. W. Jack Ford, C.P.G.
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Bandera Monument Oil Reclamation Plant
NW/4 NW/4 of Section 16, Township 20 South, Range 37 East, NMPM
Lea County, New Mexico

Mr. Ford:

Regarding our past meeting during the field audit and subsequent phone conversation. As instructed, we are forwarding this notice to the Oil Conservation Division of our request and intent to consolidate our Bandara Monument Oil Reclamation Plant located as referenced above, to our property in rural Lea County. It will be operated under our discharge plan and registration #GW-234.

The equipment will consist of two late model steel 500-barrel tanks that are epoxy lined on the bottom four feet and set on 60-mil PVC plastic liner with dike. This will create a cost saving for us, owning the ground and enable virtual line of sight monitoring and security. We will await further instructions.

Sincerely,

Kelly Maclaskey
President

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. dated 1/23/02
or cash received on in the amount of \$ 1,700.00
from Kelly MacLaskey Oilfield Services
for Hobbs Service Facility GLW-234-
Submitted by: [Signature] Date: 1-29-02
Submitted to ASD by: Date:
Received in ASD by: Date:
Filing Fee New Facility Renewal ✓
Modification Other
Organization Code 521.07 Applicable FY 2001
To be deposited in the Water Quality Management Fund.
Full Payment ✓ or Annual Increment

ORIGINAL DOCUMENT PRINTED ON CHEMICAL REACTIVE PAPER WITH MICROPRINTED BORDER - SEE REVERSE SIDE FOR COMPLETE SECURITY FEATURES

MACLASKEY OILFIELD SERVICES, INC.

P.O. BOX 680 • 505-393-1016
HOBBS, NM 88241-0580

LEA COUNTY STATE BANK
Hobbs, NM

95-783(5)/1122

NUMBER

NMWQM

PAY One thousand seven hundred dollars and no cents
TO THE
ORDER OF

DATE
01/23/02

AMOUNT
*****1,700.00*

NEW MEXICO WATER QUALITY MGT.
C/O OIL CONSERVATION DIVISION
1220 S. ST. FRANCIS DRIVE
SANTA FE, NM 87505

Kelly MacLaskey

SAFEGUARD
S.E.C.

THIS DOCUMENT CONTAINS HEAT SENSITIVE INK. TOUCH OR PRESS HERE - RED IMAGE DISAPPEARS WITH HEAT.

MACLASKEY OILFIELD SERVICES, INC.

01/23/

NUMBER

17009

17009

<u>Date</u>	<u>Reference</u>	<u>Invoice #</u>
12/31/01	12586	123101

<u>Net Amount</u>
1,700.00

GW-234

VENDOR: NMWQM NEW MEXICO WATER QUALITY MGT.

TOTAL: 1,700.00



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

January 10, 2002

CERTIFIED MAIL

RETURN RECEIPT NO. 3929 7365

Mr. Kelly Maclaskey
Kelly Maclaskey Oilfield Services, Inc.
P.O. Box 580
Hobbs, New Mexico 88241

**RE: Discharge Plan Fees GW-234
Hobbs Service Facility
Lea County, New Mexico**

Dear Mr. Maclaskey:

On April 17, 2001, Kelly Maclaskey Oilfield Services, Inc., received, via certified mail, an approval dated April 10, 2001 from the New Mexico Oil Conservation Division (OCD) for discharge plan GW-234. Each discharge plan has a filing fee and a flat fee as described in WQCC Section 3114. The OCD has not as of this date (January 10, 2002) received the flat fee. The last check submitted by Kelly Maclaskey Oilfield Services, Inc. was dated April 12, 2001 for the required filing fee. The total flat fee amount remaining is \$1,700.00 for discharge plan GW-234.

Kelly Maclaskey Oilfield Services, Inc. will submit the remaining \$1,700.00 flat fee in full by February 28, 2002 in order to be in compliance with Water Quality Control Commission Regulation 3114.B.6, or the OCD may initiate enforcement actions which may include fines and/or an order to cease all operations at the facility. Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office.

If you have any questions regarding this matter, please contact Mr. Jack Ford at (505) 476-3489.

Sincerely,

Roger Anderson

Environmental Bureau Chief

RCA/wjf

xc: Hobbs OCD district office



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenberg
Director
Oil Conservation Division

January 10, 2002

CERTIFIED MAIL
RETURN RECEIPT NO. 3929 7365

Mr. Kelly Maclaskey
Kelly Maclaskey Oilfield Services, Inc.
P.O. Box 580
Hobbs, New Mexico 88241

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Hobbs Service Facility
Lea County, New Mexico

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Sincerely,

Roger Anderson
Environmental Bureau Chief

RCA/wjf

xc: Hobbs OCD district office

U.S. Postal Service CERTIFIED MAIL RECEIPT <i>FORD OCD</i> (Domestic Mail Only; No Insurance Coverage Provided)	
OFFICIAL USE	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$
Sent To <i>K. Maclaskey</i>	
Street, Apt. No.; or PO Box No.	
City, State, ZIP+ 4 <i>GW-234</i>	
PS Form 3800, January 2001 See Reverse for Instructions	



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenberg
Director
Oil Conservation Division

April 30, 2001

Mr. Kelly Maclaskey
Kelly Maclaskey Oilfield Services, Inc.
P. O. Box 580
Hobbs, New Mexico 88241

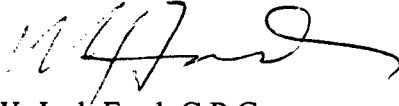
RE: DISCHARGE PLAN APPROVAL GW-234

Dear Mr. Maclaskey:

Enclosed for your records are the executed documents for approval of the above captioned discharge plan for Kelly Maclaskey Oilfield Services, Inc.'s Hobbs facility.

Thank you for your prompt return of the executed Discharge Plan Approval Conditions. If you have any questions contact me at (505) 476-3489.

Sincerely,


W. Jack Ford, C.P.G.
Oil Conservation Division

Enclosures

Cc: OCD Hobbs District Office

Affidavit of Publication

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


Joyce Clemens being first duly sworn on oath deposes and says that she is Advertising 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

Legal Notice

was published in a regular and entire issue of **THE LOVINGTON DAILY LEADER** and not in any supplement thereof, for one (1) day, beginning with the issue of March 9, 2001 and ending with the issue of March 9, 2001.

And that the cost of publishing said notice is the sum of \$ 67.76 which sum has been (Paid) as Court Costs.


Subscribed and sworn to before me this 21st day of March 2001


Debbie Schilling

Notary Public, Lea County, New Mexico

My Commission Expires June 22, 2002

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

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

(GW-234) - Kelly Maclaskey, Oilfield Services, Inc., Mr. Kelly Maclaskey, P.O. Box 580, Hobbs, New Mexico 88241, has submitted a discharge plan renewal application for their Hobbs Service Facility located in the SW/4 SW/4, Section 36, Township 18 South, Range 37 East, NMPM,

Lea County, New Mexico. All effluents generated on site are collected in containment vessels prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 52 feet with a total dissolved solids concentrations of 100 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

(GW-342) - Williams Field Service, Mark J. Barets, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan application for their Caprock Pump Station located in the NW/4 NW/4, Section 27, Township 12 South, Range 33 East, NMPM, Lea County, New Mexico. Approximately 1500 gallons per year of waste water with a total dissolved solids concentration in excess of 2000 mg/l will be transported to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 70 to 100 feet with a total dissolved solids concentrations ranging from approximately 200 to 2000 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further infor-

mation from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 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 public hearing may be requested by any interested person. Request for public hearing shall set forth the reasons why a hearing shall be held. A hearing will be held if the director determines that there is significant public interest.

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

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 6th day of March, 2001.

STATE OF
NEW MEXICO
OIL CONSERVATION
DIVISION
LORI WROTENBERY,
Director

SEAL
Published in the
Lovington Daily Leader
March 9, 2001.

THE SANTA FE
NEW MEXICAN

Founded 1849

MAR 15 2001

NM OIL CONSERVATION DIVISION
ATTN: ED MARTIN
1220 S. ST. FRANCIS DR.
SANTA FE, NM 87505

AD NUMBER: 196944 ACCOUNT: 56689
LEGAL NO: 68968 P.O.#: 01199000033
225 LINES 1 time(s) at \$ 99.18
AFFIDAVITS: 5.25
TAX: 6.53
TOTAL: 110.96

NOTICE OF PUBLICATION

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

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GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 6th day of March, 2001.

STATE OF NEW MEXICO
OIL CONSERVATION
DIVISION

LORI WROTENBERY,

Director

Legal #68968

Pub. March 14, 2001

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, B. Reiner being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication #68968 a copy of which is hereto attached was published in said newspaper 1 day(s) between 03/14/2001 and 03/14/2001 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 14 day of March, 2001 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/

Betty Reiner
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this
14 day of March A.D., 2001

Notary

Laura J. Hardy

Commission Expires

11/23/03

www.sfnewmexican.com

-2021 • 505-983-3303 • fax: 505-984-1785 • P.O. Box 2048, Santa Fe, NM 87504-2048

Ford, Jack

From: Martin, Ed
Sent: Thursday, March 08, 2001 10:39 AM
To: Lovington Daily Leader
Cc: Ford, Jack; Anaya, Mary
Subject: FW: Public Notices

Attn: Judy Stoops

Please publish the attached notice one time immediately on receipt of this request.

Upon publication, please send the following to this office:

Publisher's affidavit

Your invoice to us

Our P.O. Number is 01199000032

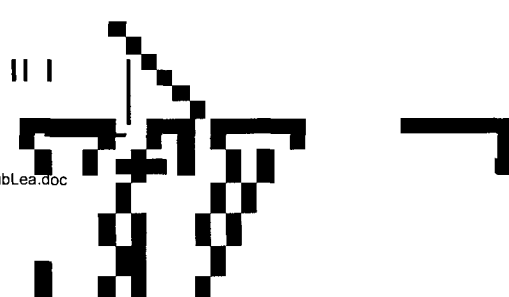
If you have any questions, do not hesitate to contact me.

Thank you

From: Ford, Jack
Sent: Tuesday, March 06, 2001 11:50 AM
To: Martin, Ed
Subject: Public Notices

The following need to be published.

234pubLea.doc



Ford, Jack

From: Martin, Ed
Sent: Thursday, March 08, 2001 10:19 AM
To: 'Santa Fe New Mexican'
Cc: Ford, Jack; Anaya, Mary
Subject: FW: Public Notices

Attn: Betsy Perner

Please publish the attached notices one time immediately on receipt of this request.

Upon completion of publication, please send the following to this office:

1. Publisher's affidavit
2. Invoices for publication

Please publish the notices no later than March 12, 2001

EMNRD-OCD Purchase Order #01-199-000033

If you have any questions, do not hesitate to contact me.

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234pub.doc


337pub.doc


338pub.doc


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To: Martin, Ed
Subject: Public Notices

The following need to be published.

234pubLea.doc



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

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

Revised January 24, 2001

MAR 1

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

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

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

☐ New ☒ Renewal ☐ Modification

1. Type: Service Company Renewal GW-234
2. Operator: Kelly Maclaskey Oilfield Services, Inc.
Address: P.O. Box 580, Hobbs, NM 88241
Contact Person: Kelly Maclaskey Phone: 505-393-1016
3. Location: SW /4 SW /4 Section 36 Township 18S Range 37E
Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site. - SAME
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility. FILE
6. Attach a description of all materials stored or used at the facility. -FILE
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included. FILE
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures. FILE
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems. RENEWAL
10. Attach a routine inspection and maintenance plan to ensure permit compliance. FILE
11. Attach a contingency plan for reporting and clean-up of spills or releases. -FILE
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included. FILE
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders. -FILE
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: Kelly Maclaskey Title: President

Signature:  Date: 2/27/01

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
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State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Revised January 24, 2001

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

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

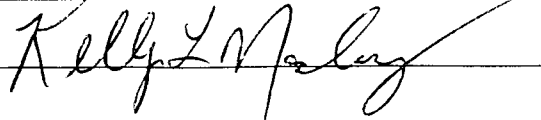
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2. Operator: Kelly Maclaskey Oilfield Services, Inc.
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14. CERTIFICATION: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Kelly Maclaskey Title: President

Signature:  Date: 2/27/01

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. dated 2/27/01,
or cash received on in the amount of \$ 100.00

from Kelly MacLaskey Oilfield Services
for Hobbs Facility GW-234

Submitted by: (Family Name) W. J. Anderson Date: (DP No.) 3/6/01

Submitted to ASD by: Date:

Received in ASD by: Date:

Filing Fee ☒ New Facility ☐ Renewal ☐

Modification ☐ Other
(specify)

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment ☒ or Annual Increment ☐

KELLY MACLASKEY OILFIELD SERVICES, INC.

P.O. BOX 580 505-393-1016
HOBBS, NM 88241

Lea County State Bank
P.O. Box 400
Hobbs, NM 88241
95-183/1122
5

14816

PAY One hundred dollars and no cents

TO THE
ORDER OF

DATE
02/27/01

AMOUNT
*****100.00*

NMED-WATER QUALITY MANAGEMNT
1220 SOUTH ST. FRANCIS DR.
SANTA FE, NM 87505

Kelly MacLaskey
AUTHORIZED SIGNATURE

KELLY MACLASKEY OILFIELD SERVICES, INC.

02/27/01 14816

014816

Description
DISCHARGE PLAN RENEWAL FILING FEE

Net Amount
100.00

VENDOR: NMED-WATER QUALITY MANAGEMNT

TOTAL: 100.00

NOTICE OF PUBLICATION

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

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(GW-342) - Williams Field Service, Mark J. Barets, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan application for their Caprock Pump Station located in the NW/4 NW/4, Section 27, Township 12 South, Range 33 East, NMPM, Lea County, New Mexico. Approximately 1500 gallons per year of waste water with a total dissolved solids concentration in excess of 2000 mg/l will be transported to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 70 to 100 feet with a total dissolved solids concentrations ranging from approximately 200 to 2000 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

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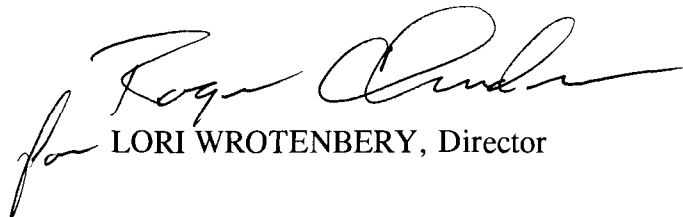
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GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on
this 6th day of March, 2001.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL


for LORI WROTENBERY, Director



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

February 9, 2001

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFIED MAIL
RETURN RECEIPT NO. 5051 0098

Mr. Kelly L. Maclaskey
Kelly Maclaskey Oilfield Services, Inc.
P.O. Box 580
Hobbs, New Mexico 88241

**RE: Discharge Plan Renewal Notice for the Kelly Maclaskey Oilfield Services, Inc.
Hobbs Yard**

Dear Mr. Maclaskey:

Kelly Maclaskey Oilfield Services, Inc. has the following discharge plan, which expires during the current calendar year.

GW-234 expires 4/24/2001 – Hobbs Yard

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]

The discharge plan renewal application for each of the above facilities is subject to WQCC Regulation 20NMAC 6.2.3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of \$100.00. After January 15, 2001 renewal discharge plans require a flat fee equal to the flat fee schedule for oil field service facilities pursuant to revised WQCC Regulations 20NMAC 6.2.3114. A copy of the revised fee schedule is included for your assistance. The \$100.00 filing fee is to be submitted with each 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. Please submit the original discharge plan renewal application and one copy to the OCD Santa Fe Office and one copy to the OCD Hobbs District Office. **Note that the completed and signed application form must be submitted with your discharge plan renewal request.** A complete copy of the regulations is also available on NMED's website at www.nmenv.state.nm.us.

If any of the above-sited facilities no longer has any actual or potential discharges and a discharge plan is not needed, please notify this office. If the Kelly Maclasky Oilfield Services, Inc. has any questions, please do not hesitate to contact Mr. Jack Ford at (505) 476-3489.

Sincerely,



Roger C. Anderson
Oil Conservation Division

cc: OCD Hobbs District Office

PS Form 3800, JULY 1999 See Reverse for Instructions

City, State, ZIP+4
910 234

Street, Apt. No., or PO Box No.
K. Maclasky-7

Name (Please Print Clearly) (To be completed by mailer)

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

Postmark

U.S. POST SERVICE

Article Sent to

U.S. POST SERVICE
CERTIFIED MAIL RECEIPT
(Postage and Insurance Only - Insurance Provided)

7099 3220 0000 5051 0098



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

March 16, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. Z-357-870-074

Mr. Kelly L. Maclaskey
Kelly Maclaskey Oilfield Services, Inc.
P.O. Box 580
Hobbs, New Mexico 88241

RE: Site Modification Notification
GW-234, Hobbs Facility
Lea County, New Mexico

Dear Mr. Maclaskey:

The OCD has received the site modification request letter, dated February 24, 1999, from Kelly Maclaskey Oilfield Services, Inc. for the Hobbs Facility GW-234 located in the SW/4 SW/4 of Section 36, Township 18 South, Range 37 East, NMPM, Lea County, New Mexico. The installation of the steel water tank for use of collecting and recycling fluids used in cleaning the outside of fleet trucks **hereby approved. The site modifications are approved without modification to the discharge plan.**

Please note that Section 3104 of the regulations requires that **"When a plan has been approved, discharges must be consistent with the terms and conditions of the plan."** Pursuant to Section 3107.C Kelly Maclaskey Oilfield Services, Inc. is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume. Further, this approval does not relieve Kelly Maclaskey Oilfield Services, Inc. from liability should operations result in contamination to the environment.

Sincerely,

W. Jack Ford, R.P.G.
Environmental Bureau
Oil Conservation Division

cc: OCD Hobbs District Office

Z 357 870 074

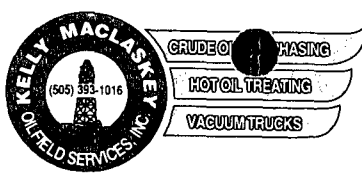
US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided

Do not use for International Mail (See reverse)

Sent to <i>K. Maclaskey</i>	
Street & Number <i>Hobbs</i>	
Post Office, State, & ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	<i>GW-234</i>



Kelly Maclaskey Oilfield Services, Inc.

P.O. Box 580
Hobbs, N.M. 88241
(505) 393-1016

FEBRUARY 24, 1999

MR. JACK FORD
NEW MEXICO OIL CONSERVATION DIVISION
2040 SOUTH PACHECO STREET
SANTA FE, NM 87505

FEB 26 1999

REFERENCE: JET OUT TANK INSTALLATION

DEAR SIR:

REGARDING OUR PHONE CONVERSATION YESTERDAY, WE ARE PROPOSING TO INSTALL A JET OUT TANK WITHIN OUR YARD FACILITY LOCATED IN HOBBS, NM. THE CONSTRUCTION SHALL BE AS FOLLOWS:

1. THE TANK WILL BE BUILT OUT OF 1/4" STEEL AND EPOXY COATED TO PREVENT CORROSION.
2. IT WILL HAVE A RAILING HEIGHT TO GROUND OF 46" AROUND THE PERIMETER. IT WILL ALSO SERVE AS OUR NETTING FRAME TO PREVENT ENTRY OF WILDLIFE, TRASH, DEBRIS, ETC.
3. THE TANK WALLS WILL EXTEND 6" ABOVE GROUND LEVEL TO PREVENT RAIN RUN-OFF ENTRY.
4. THE TANK WILL HAVE A HEAVY POLY LINER CUSTOM FITTED AROUND WALLS AND FLOOR. THIS WILL SERVE AS LEAK PREVENTION AND FOR LEAK DETECTION.
5. THE TANK WILL SET IN AN EXCAVATION OF APPROXIMATELY 8' IN DEPTH LINED WITH CLAY TO SERVE AS A SECOND SEALING AGENT AND TO PROTECT THE POLY LINER.
6. IT WILL HAVE A 20" PVC PIPE FITTED DOWN THE OUTSIDE OF TANK AND WITHIN THE POLY LINER. THERE WILL BE A FLOAT TYPE PUMP SET ON GRAVEL PACK AT THE LOWEST LEVEL OF THE TANK. ANY FLUID CONTACT WITH THE PUMP WILL ACTIVATE AND DISCHARGE VISIBILITY FROM THE SURFACE BACK INTO THE TANK.
7. JETTING FLUID WOULD BE RE-USED FROM THE TANK TO AID IN REMOVAL OF ROCKS, STONES, ETC. FROM THE REAR OF THE TANK TRAILER.
8. THERE SHALL BE A STEEL MESH BASKET IN THE TRAILER DISCHARGE AREA TO RETAIN ROCKS AND STONES FROM DAMAGING THE EPOXY COATING.
9. THE ROCKS AND STONES SHALL BE WASHED ON A TIMELY BASIS AND RETURNED TO THEIR NATURAL USE AS GRAVEL.

WE FEEL THIS CONSTRUCTION WILL SURPASS THE LIFE AND PROBLEMS ASSOCIATED WITH CONCRETE CONSTRUCTION, ETC. THANK YOU FOR YOUR ATTENTION IN THIS MATTER. WE WILL AWAIT FURTHER INSTRUCTIONS.

CORDIALLY,

Tank Clean-out?

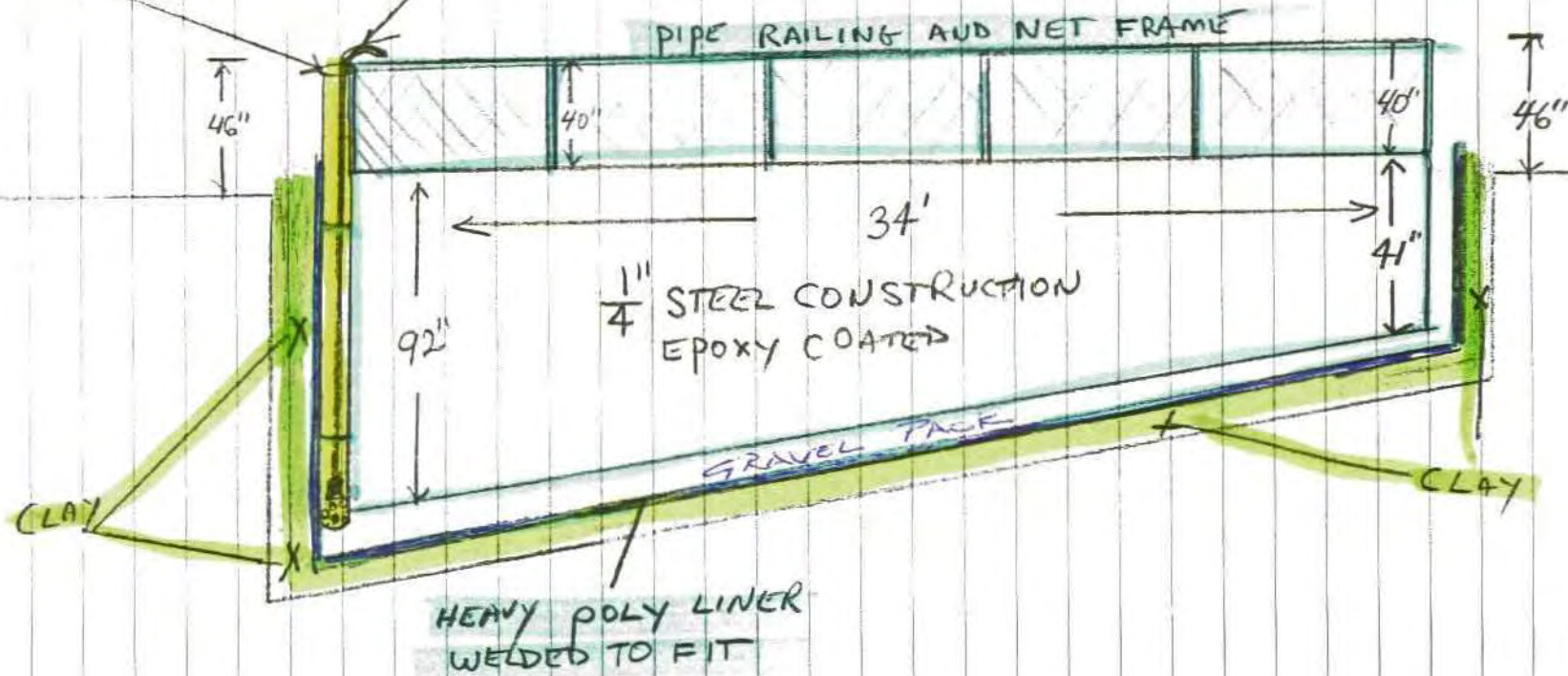
Kelly Maclaskey
KELLY MACLASKEY



JET OUT TANK

LEAK DETECTION/RECOVERY
SUMP PUMP SET ON GRAVEL PACK

20" PVC X 138" LENGTH



By: K. MacLuskey 2-22-99
505-393-1016

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 3/19/98
or cash received on _____ in the amount of \$ 276.00
from MacClaskey
for GW 234

Submitted by: _____ Date: _____
(Facility Name) (GP No.)

Submitted to ASD by: R. Anderson Date: 6/18/98

Received in ASD by: _____ Date: _____

Filing Fee _____ New Facility _____ Renewal _____

Modification _____ Other _____
(Agency)

Organization Code 521.07 Applicable FY 98

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment X
3 of 5

KELLY MACCLASKEY OILFIELD SERVICES, INC.
P.O. BOX 580 505-393-1016
HOBBS, NM 88241

Lea County State Bank
P.O. Box 400
Hobbs, NM 88241
95-183/1122
5

NO. 8355

NMWQM

Two hundred seventy-six dollars and no cents

DATE

AMOUNT

03/19/98

*****276.00*

PAY
TO THE
ORDER
OF

NEW MEXICO WATER QUALITY MGT.
NMED-WATER QUALITY MGT.
2040 SOUTH PACHECO STREET
SANTA FE, NM 87505

Kelly L. MacClaskey
AUTHORIZED SIGNATURE

KELLY MACLASKEY OILFIELD SERVICES, INC.

03/19/98

8355

Net Amount

276.00

Date
04/01/98

Reference

Description
Invoice:040198

GW-234
3075
82

VENDOR:NMWQM NEW MEXICO WATER QUALITY MGT.

TOTAL:

276.00

KELLY MACLASKEY OILFIELD SERVICES, INC.

03/19/98

8355

Date Reference Description
04/01/98 Invoice:040198

Net Amount
276.00

GW-234
305
JZ

VENDOR:NMWQM NEW MEXICO WATER QUALITY MGT.

TOTAL: 276.00

KELLY MACLASKEY OILFIELD SERVICES, INC.

P.O. BOX 580 505-393-1016
HOBBS, NM 88241

Lea County State Bank
P.O. Box 400
Hobbs, NM 88241

95-183/1122
5

NO.

835

NMWQM

Two hundred seventy-six dollars and no cents

DATE

AMOUNT

03/19/98

*****276.00*

PAY
TO THE
ORDER
OF

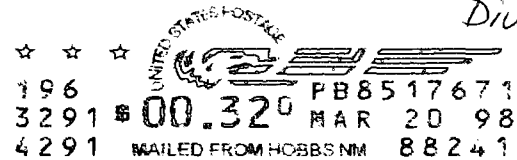
NEW MEXICO WATER QUALITY MGT.
NMED-WATER QUALITY MGT.
2040 SOUTH PACHECO STREET
SANTA FE, NM 87505

Kelly L. MacLachy
AUTHORIZED SIGNATURE

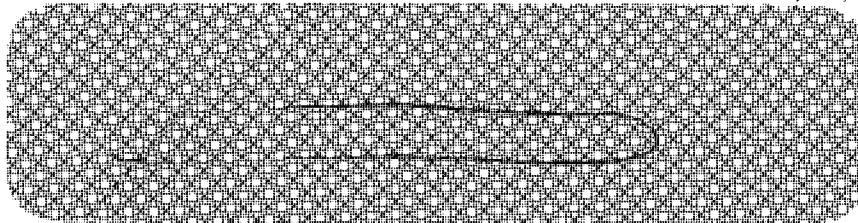


Stacy MacLachlan
Julie Lakeley

EMNRD - Oil Conservation
Division



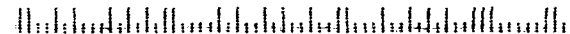
~~NOT ECMD~~ ~~NMED~~ ASD



Stacy MacLachlan
RECEIVED
MAY 11 1998

Environmental Bureau
Oil Conservation Division

87303-3472
87303X3472 3473



ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. dated 7/7/97,
or cash received on in the amount of \$ 276.00
from MacLaskey
for Hobbs GW-234
(Facility Name) (OP No.)
Submitted by: Date:
Submitted to ASD by: R. Anderson Date: 7/31/97
Received in ASD by: Date:
Filing Fee New Facility Renewal
Modification Other
(Specify)
Organization Code 521.07 Applicable FY 98

To be deposited in the Water Quality Management Fund.

Full Payment or Annual Increment X
2 of 5

KELLY MACLASKEY OILFIELD SERVICES, INC.
P.O. BOX 580 (505) 393-1016
HOBBS, NM 88241

LEA COUNTY STATE BANK
HOBBS, NM 88241
95-183/1122 - 5

7/7/97


PAY TO THE ORDER OF NEW MEXICO WATER QUALITY MANAGEMENT

\$ 276.00

Two Hundred Seventy-Six and 00/100

NEW MEXICO WATER QUALITY MANAGEMENT

DOLLARS

 Security features included. Details on back.

MEMO

Kelly L. MacLaskey



Kelly Maclaskey Oilfield Services, Inc.

GW-234

P.O. Box 580
Hobbs, N.M. 88241
(505) 393-1016

JUL - 9

July 7, 1997

Mr. Roger Anderson
New Mexico Energy, Minerals
& Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Dear Sir:

Per our phone conversation today with Mr. Patricio Sanchez, we are submitting our second installment of \$276.00. We had been taking care of the request for the further testing at our facility.

We will make sure that all further installments will be made by April 24 of each year.

Sincerely,

Thank you
Kelly L. Maclaskey
Kelly L. Maclaskey

Roger this is their 2nd
installment.

RECEIVED

JUL 9 1997

Environmental Bureau
Oil Conservation Division



KELLY MACLASKEY OILFIELD SERVICES, INC.

NEW MEXICO WATER QUALITY MA JEMENT
05/06/97 Bill #

7/7/97

276.00

CASH-NM

276.00



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

July 9, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-326-936-633

Mr. Kelly L. Maclaskey
Kelly Maclaskey Oilfield Services, Inc. (KMOS)
P.O. BOX 580
Hobbs, NM 88241

RE: Septic System - Continued Use Approval
Discharge Plan GW-234, Hobbs Facility
Lea County, New Mexico

Dear Mr. Maclaskey:

The OCD has received the letter dated July 7, 1997 from KMOS along with the "wastewater" and "sludge" analysis. The above mentioned letter and analysis was sent in response to the June 2, 1997 letter from OCD "Class V Investigation - letter dated April 23, 1997." **The work plan to investigate the Class V Well/Septic Tank is now complete, and hereby approved. KMOS may continue to use the septic system for DOMESTIC WASTE ONLY, NO INDUSTRIAL EFFLUENT CAN BE DISCHARGED TO THE SYSTEM.**

Note, OCD approval for the continued use of the septic system to receive domestic waste does not relieve KMOS from liability should it be found at a later date that operation of the septic system has caused harm to groundwater or the environment. Further, OCD approval does not relieve KMOS from responsibility to comply with other federal, state, and local rules/regulations that may apply.

Sincerely,

Patricio W. Sanchez
Petroleum Engineering Specialist
Environmental Bureau - OCD

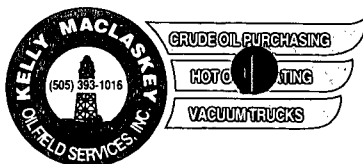
c: OCD Hobbs District Office.

P 326 936 633

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

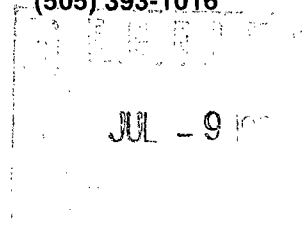
Sent to KMOS, Inc. Gw-234	
Street & Number CLASS. INV. APR. PWS	
Post Office, State, & ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995



Kelly Maclaskey Oilfield Services, Inc.

P.O. Box 580
Hobbs, N.M. 88241
(505) 393-1016



July 7, 1997

Mr. Roger Anderson
New Mexico Energy, Minerals
& Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Dear Sir:

Per our phone conversation today with Mr. Patricio Sanchez, we are submitting our second installment of \$276.00. We had been taking care of the request for the further testing at our facility.

We will make sure that all further installments will be made by April 24 of each year.

Sincerely,

Thank you
Kelly L. Maclaskey

Kelly L. Maclaskey

RECEIVED

JUL 9 1997

Environmental Bureau
Oil Conservation Division



KELLY MACLASKEY OILFIELD SERVICES, INC.
P.O. BOX 580 (505) 393-1016
HOBBS, NM 88241

LEA COUNTY STATE BANK
HOBBS, NM 88241
95-183/1122 - 5

7/7/97

PAY TO THE
ORDER OF NEW MEXICO WATER QUALITY MANAGEMENT

\$***276.00

Two Hundred Seventy-Six and 00/100

NEW MEXICO WATER QUALITY MANAGEMENT

DOLLARS
Security features
included.
Details on back.

MEMO _____

Kelly L. MacLuskey

KELLY MACLASKEY OILFIELD SERVICES, INC.

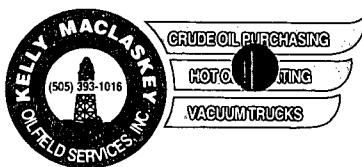
NEW MEXICO WATER QUALITY MANAGEMENT
05/06/97 Bill #

7/7/97

276.00

CASH-NM

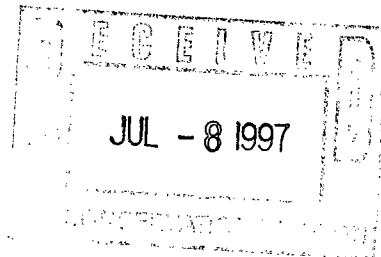
276.00



Kelly Maclaskey Oilfield Services, Inc.

P.O. Box 580
Hobbs, N.M. 88241
(505) 393-1016

July 3, 1997



Mr. Patricio W. Sanchez
Environmental Bureau - OCD
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RE: Discharge Plan GW-234
NOD - Class V Investigation
Hobbs Facility
Lea County, New Mexico

Dear Mr. Sanchez:

Enclosed are copies of the test results as you requested.

We will await further instructions.

Kelly L. Maclaskey
President
Kelly Maclaskey Oilfield Services Inc.
(505-393-1016)

RECEIVED

JUL 9 1997

Environmental Bureau
Oil Conservation Division

xc: Mr. Wayne Price - OCD Hobbs District 1





PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

RECEIVED

JUL 9 1997

Environmental Bureau
Oil Conservation Division

Receiving Date: 06/20/97
Reporting Date: 06/30/97
Project Number: NOT GIVEN
Project Name: SEPTIC SYSTEM
Project Location: 5900 W CARLSBAD HWY

ANALYTICAL RESULTS FOR
MACLASKEY OIL FIELD SERVICES
ATTN: KELLY MACLASKEY
P. O. BOX 580
HOBBS, NM 88241
FAX TO:

Sampling Date: 06/20/97
Sample Type: LIQUID
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: GP

TOTAL METALS

LAB NO.	SAMPLE ID	As	Ag	Ba	Cd	Cr	Pb	Hg	Se
ANALYSIS DATE		6/26/97	6/26/97	6/26/97	6/26/97	6/26/97	6/26/97	6/26/97	6/26/97
H3015-1	Septic Tank	0.006	<0.01	<0.1	<0.01	<0.01	0.04	<0.002	<0.001
Quality Control		0.111	3.98	10.10	1.988	1.01	2.04	0.0099	0.091
True Value QC		0.100	4.00	10.00	2.000	1.00	2.00	0.0100	0.100
% Recovery		111	99	101	99	101	102	99	91
Relative Percent Deviation		5.2	0.2	2.5	0.6	1.1	1.8	13	14
Methods:		206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2

LAB NO.	SAMPLE ID	B	Co	Mo	Cu	Mn	Ni	Al	Fe
ANALYSIS DATE		6/27/97	6/27/97	6/27/97	6/26/97	6/26/97	6/26/97	6/26/97	6/26/97
H3015-1	Septic Tank	0.13	<0.05	<0.05	<0.01	0.058	<0.01	<0.1	0.795
Quality Control		4.850	2.550	5.100	3.989	1.018	1.985	19.60	2.01
True Value QC		5.000	2.500	5.000	4.000	1.000	2.000	20.00	2.000
% Recovery		97	102	102	99	102	98	98	101
Relative Percent Deviation		5.8	6.2	6.2	0.4	0.5	0.4	2.3	0.6
Methods:		6010B	6010Co	6010Mo	220.1	243.1	249.1	202.1	236.1

UNITS: mg/L

Chemist

Date

06/30/97

H3015-1.XLS



PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
MACLASKEY OIL FIELD SERVICES
ATTN: KELLY MACLASKEY
P.O. BOX 580
HOBBS, NM 88241
FAX TO:

Receiving Date: 06/20/97
Reporting Date: 07/01/97
Project Number: NOT GIVEN
Project Name: SEPTIC SYSTEM
Project Location: 5900 CARLSBAD HWY
Lab Number: H3015-1
Sample ID: WATER

Analysis Date: 06/27/97
Sampling Date: 06/20/97
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

SEMIVOLATILES - PHENOLS (mg/L)	Sample Result H3015-1	Method Blank	True Value		
			QC	%Recov.	QC
1 Phenol	<0.002	<0.002	0.015	30	0.050
2 2-Chlorophenol	<0.002	<0.002	0.034	68	0.050
3 2-Methylphenol	<0.002	<0.002	0.021	42	0.050
4 4-Methylphenol	<0.002	<0.002	0.021	42	0.050
5 2-Nitrophenol	<0.002	<0.002	0.044	88	0.050
6 2,4-Dimethylphenol	0.003	<0.002	0.027	54	0.050
7 Other Dimethylphenols	0.009	<0.002	NR	NR	NR
8 2,4-Dichlorophenol	<0.002	<0.002	0.044	88	0.050
9 2,6-Dichlorophenol	<0.002	<0.002	0.044	88	0.050
10 4-Chloro-3-methylphenol	<0.002	<0.002	0.032	64	0.050
11 2,4,6-Trichlorophenol	<0.002	<0.002	0.042	84	0.050
12 2,4,5-Trichlorophenol	<0.002	<0.002	0.039	78	0.050
13 2,4-Dinitrophenol	<0.002	<0.002	0.018	36	0.050
14 4-Nitrophenol	<0.002	<0.002	0.029	58	0.050
15 2,3,4,6-Tetrachlorophenol	<0.002	<0.002	0.043	86	0.050
16 4,6-Dinitro-2-methylphenol	<0.002	<0.002	0.028	56	0.050
17 Pentachlorophenol	<0.002	<0.002	0.042	84	0.050
Total Phenols	0.012	<0.002			

% Recovery	
18 2-Fluorophenol	13*
19 Phenol-d5	10*
20 2,4,6-Tribromophenol	19*

METHODS: EPA 625/SW-846 8270

*Recovery of Acid Surrogates low; no sample remains for reextraction.


Burgess J. A. Cooke, Ph.D.

7/1/97
Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
MACLASKEY OIL FIELD SERVICES
ATTN: KELLY MACLASKEY
P. O. BOX 580
HOBBS, NM 88241
FAX TO:

Receiving Date: 06/20/97
Reporting Date: 06/27/97
Project Number: NOT GIVEN
Project Name: SEPTIC SYSTEM
Project Location: 5900 W CARLSBAD HWY

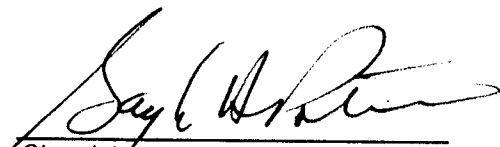
Sampling Date: 06/20/97
Sample Type: LIQUID
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: AH

LAB NUMBER SAMPLE ID NO3 SO4 CN F TDS

ANALYSIS DATE	6/25/97	6/25/97	6/25/97	6/25/97	6/27/97
H3015-1 WATER PHASE	0.55	5	<0.01	<0.01	568
Quality Control	5.05	97	0.162	0.90	NR
True Value QC	5.00	100	0.150	1.00	NR
% Accuracy	101	97	108	90	NR
Relative Percent Difference	1	3	7	10	NR

METHODS:	353.3	375.4	335.2	340.1	
----------	-------	-------	-------	-------	--

UNITS: mg/L (ppm)



Chemist

06/30/97

Date

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PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
MACLASKEY OIL FIELD SERVICES
ATTN: KELLY MACLASKEY
P.O. BOX 580
HOBBS, NM 88241
FAX TO:


Receiving Date: 06/20/97
Reporting Date: 06/30/97
Project Number: NOT GIVEN
Project Name: SEPTIC SYSTEM
Project Location: 5900 CARLSBAD HWY
Lab Number: H3015-1
Sample ID: WATER

Analysis Date: 06/27/97
Sampling Date: 06/20/97
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

AROCLORS (PCB's) (mg/L)	Sample Result	Method Blank	True Value		%IA
			QC	QC	
PCB 1016	<0.001	<0.001	NR	NR	NR
PCB 1221	<0.001	<0.001	NR	NR	NR
PCB 1232	<0.001	<0.001	NR	NR	NR
PCB 1242	<0.001	<0.001	0.042	0.050	84
PCB 1248	<0.001	<0.001	NR	NR	NR
PCB 1254	<0.001	<0.001	0.047	0.050	94
PCB 1260	<0.001	<0.001	0.046	0.050	92

% Recovery	
Nitrobenzene-d5	55
2-Fluorobiphenyl	75
Terphenyl-d14	47

METHOD: SW-846 3550, 8270


Chemist

06/30/97
Date

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Sample ID: WATER

Analysis Date: 06/27/97
Sampling Date: 06/20/97
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

POLYNUCLEAR AROMATIC
HYDROCARBONS - 625 (mg/L)

	Sample Result H3015-1	Method Blank	QC	% Recov>	True Value QC
1 Naphthalene	<0.001	<0.001	0.085	85	0.100
2 2-Methylnaphthalene	0.002	<0.002	0.040	80	0.050
3 1-Methylnaphthalene	<0.002	<0.002	NR	NR	NR
4 Acenaphthylene	<0.001	<0.001	0.099	99	0.100
5 Acenaphthene	<0.001	<0.001	0.098	98	0.100
6 Fluorene	<0.001	<0.001	0.077	77	0.100
7 Phenanthrene	<0.001	<0.001	0.083	83	0.100
8 Anthracene	<0.001	<0.001	0.091	91	0.100
9 Fluoranthene	<0.001	<0.001	0.079	79	0.100
10 Pyrene	<0.001	<0.001	0.110	110	0.100
11 Benzo(a)anthracene	<0.001	<0.001	0.087	87	0.100
12 Chrysene	<0.001	<0.001	0.088	88	0.100
13 Benzo(b)fluoranthene	<0.001	<0.001	0.086	86	0.100
14 Benzo(k)fluoranthene	<0.001	<0.001	0.087	87	0.100
15 Benzo(a)pyrene	<0.0007	<0.0007	0.089	89	0.100
16 Indeno(1,2,3-cd)pyrene	<0.001	<0.001	0.089	89	0.100
17 Dibenzo(a,h)anthracene	<0.001	<0.001	0.090	90	0.100
18 Benzo(g,h,i)perylene	<0.001	<0.001	0.089	89	0.100

% Recovery

19 Nitrobenzene-d5	78
20 2-Fluorobiphenyl	90
21 Terphenyl-d14	96

METHODS: EPA 625

Burgess J. A. Cooke, Ph. D.

Date

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ATTN: KELLY MACLASKEY
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HOBBS, NM 88241
FAX TO:

Receiving Date: 06/20/97
Reporting Date: 06/26/97
Project Number: NOT GIVEN
Project Name: SEPTIC SYSTEM
Project Location: 5900 CARLSBAD HWY
Lab Number: H3015-1
Sample ID: WATER

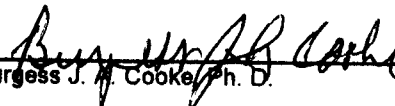
Analysis Date: 06/24/97
Sampling Date: 06/20/97
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

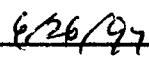
VOLATILES (mg/L)	Sample Result H3015-1	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	<0.002	<0.002	0.119	119	0.100
1,1-Dichloroethylene	<0.002	<0.002	0.087	87	0.100
Methylene Chloride	0.012	0.013	0.111	111	0.100
Chloroform	<0.002	<0.002	0.111	111	0.100
1,1-Dichloroethane	<0.002	<0.002	0.100	100	0.100
1,2-Dichloroethane	<0.002	<0.002	0.108	108	0.100
Benzene	0.006	<0.002	0.095	95	0.100
Carbon Tetrachloride	<0.002	<0.002	0.095	95	0.100
Toluene	0.006	<0.002	0.114	114	0.100
Trichloroethylene	<0.002	<0.002	0.098	98	0.100
Tetrachloroethylene	<0.002	<0.002	0.107	107	0.100
Ethylbenzene	<0.002	<0.002	0.117	117	0.100
m,p-Xylene	<0.004	<0.004	0.231	115	0.200
o-Xylene	<0.002	<0.002	0.113	113	0.100
1,1,1-Trichloroethane	<0.002	<0.002	0.099	99	0.100
1,1,2-Trichloroethane	<0.002	<0.002	0.113	113	0.100
1,1,2,2-Tetrachloroethane	<0.002	<0.002	0.108	108	0.100
Ethylene Dibromide	<0.002	<0.002	0.109	109	0.100

% RECOVERY

Dibromofluoromethane	95
Toluene-d8	103
Bromofluorobenzene	110

METHODS: EPA SW 846-8260


Burgess J. Cooke, Ph. D.


Date

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ANALYTICAL RESULTS FOR
MACLASKEY OIL FIELD SERVICES
ATTN: KELLY MACLASKEY
P.O. BOX 580
HOBBS, NM 88241
FAX TO:

Receiving Date: 06/24/97
Reporting Date: 06/30/97
Project Number: NOT GIVEN
Project Name: SEPTIC SYSTEM
Project Location: 5900 CARLSBAD HWY
Lab Number: H3015-2
Sample ID: SLUDGE

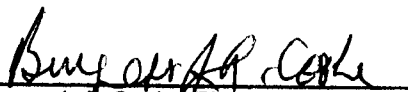
Analysis Date: 06/27/97
Sampling Date: 06/24/97
Sample Type: SLUDGE
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

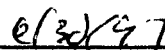
TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H3015-2	Method Blank	QC	% Recov.	True Value QC
Pyridine	5.00	<0.008	<0.002	0.040	40	0.100
1,4-Dichlorobenzene	7.50	<0.008	<0.002	0.059	59	0.100
o-Cresol	200	0.011	<0.002	0.057	57	0.100
m, p-Cresol	200	0.571	<0.002	0.108	54	0.200
Hexachloroethane	3.00	<0.008	<0.002	0.055	55	0.100
Nitrobenzene	2.00	<0.008	<0.002	0.084	84	0.100
Hexachloro-1,3-butadiene	0.500	<0.008	<0.002	0.067	67	0.100
2,4,6-Trichlorophenol	2.00	<0.008	<0.002	0.100	100	0.100
2,4,5-Trichlorophenol	400	<0.008	<0.002	0.099	99	0.100
2,4-Dinitrotoluene	0.130	<0.008	<0.002	0.103	103	0.100
Hexachlorobenzene	0.130	<0.008	<0.002	0.111	111	0.100
Pentachlorophenol	100	<0.008	<0.002	0.111	111	0.100

% RECOVERY

Fluorophenol	76
Phenol-d5	77
Nitrobenzene-d5	92
2-Fluorobiphenyl	85
2,4,6-Tribromophenol	106
Terphenyl-d14	98

METHODS: EPA SW 846-8270, 1311


Burgess J. A. Cooke, Ph. D.


Date

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ATTN: KELLY MACLASKEY
P.O. BOX 580
HOBBS, NM 88241
FAX TO:

Receiving Date: 06/24/97
Reporting Date: 06/26/97
Project Number: NOT GIVEN
Project Name: SEPTIC SYSTEM
Project Location: 5900 CARLSBAD HWY
Lab Number: H3015-2
Sample ID: SLUDGE #2

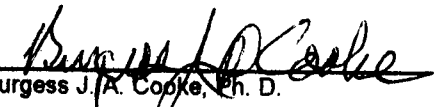
Analysis Date: 06/25/97
Sampling Date: 06/24/97
Sample Type: SLUDGE
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC


TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H3015-2	Method Blank	QC	%Recov.	True Value QC
Vinyl Chloride	0.20	<0.005	<0.005	0.084	84	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.084	84	0.100
Methyl Ethyl Ketone	200	<0.050	<0.050	0.103	103	0.100
Chloroform	6.0	<0.005	<0.005	0.102	102	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.095	95	0.100
Benzene	0.5	<0.005	<0.005	0.086	86	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.088	88	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.095	95	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.097	97	0.100
Chlorobenzene	100	<0.005	<0.005	0.094	94	0.100
1,4-Dichlorobenzene	7.5	0.029	<0.005	0.102	102	0.100

% RECOVERY

Dibromofluoromethane	107
Toluene-d8	106
Bromofluorobenzene	107

METHODS: EPA SW 846-8260, 1311


Burgess J. A. Cooke, Ph. D.


Date

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ATTN: KELLY MACLASKEY
P. O. BOX 580
HOBBS, NM 88241
FAX TO:

Receiving Date: 06/24/97
Reporting Date: 06/27/97
Project Number: NOT GIVEN
Project Name: SEPTIC SYSTEM
Project Location: 5900 W CARLSBAD HWY

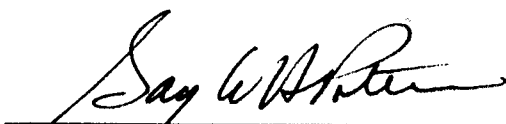
Sampling Date: 06/24/97
Sample Type: SLUDGE
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: GP

TCLP METALS

LAB NO.	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
---------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANALYSIS DATE:	6/26/97	6/26/97	6/26/97	6/26/97	6/26/97	6/26/97	6/26/97	6/26/97	6/26/97
EPA LIMITS:	5	5	100	1	5	5	0.2	1	
H3015-2	SEPTIC TANK	<0.1	<1	<5	<0.1	<1	<1	<0.02	<0.1
	SLUDGE								
Quality Control		0.111	3.98	10.10	1.988	1.01	2.04	0.0099	0.091
True Value QC		0.100	4.00	10.00	2.000	1.00	2.00	0.0100	0.100
% Recovery		111	99	101	99	101	102	99	91
Relative Percent Deviation		5.2	0.2	2.5	0.6	1.1	1.8	13	14

METHODS: EPA 1311, 600/4-9	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2	
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Gayle A. Potter, Chemist

06/27/97
Date

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FAX TO:


Receiving Date: 06/24/97
Reporting Date: 06/30/97
Project Number: NOT GIVEN
Project Name: SEPTIC SYSTEM
Project Location: 5900 CARLSBAD HWY

Sampling Date: 06/24/97
Sample Type: SLUDGE
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: AH/BC

LAB NUMBER SAMPLE ID REACTIVITY
Sulfide Cyanide CORROSIVITY IGNITABILITY
(ppm) (ppm) (pH) (°F)

ANALYSIS DATE:	6/26/97	6/26/97	6/26/97	6/30/97
H3015-2 SLUDGE	<50	<50	6.71	>140
Quality Control	NR	NR	6.99	NR
True Value QC	NR	NR	7.00	NR
% Accuracy	NR	NR	100	NR
Relative Percent Difference	NR	NR	0	NR

METHOD: EPA SW 846-7.3, 7.2, 1010, 1311, 40 CFR 261


Chemist

06/30/97
Date

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H3015R.XLS



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page of

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Sampler Relinquished:	Date:	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Additional Fax #: <input type="checkbox"/> Yes <input type="checkbox"/> No
<i>K. B. Steel</i>	Time:		Fax Results: <input type="checkbox"/> Yes <input type="checkbox"/> No	REMARKS:
Relinquished By:	Date:	Received By: (Lab Staff)		
	Time:			
Delivered By: (Circle One)	Date: 06/24/97	Sample Condition	CHECKED BY:	
UPS - Fed Ex - Bus - Other:	Time: 2:15	Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(Initials)	
		Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 0

[illegible]

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Sampler Relinquished:	Date:	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Additional Fax #: _____
<i>K. Hill</i>	Time:		Fax Results: <input type="checkbox"/> Yes <input type="checkbox"/> No
Relinquished By:	Date:	Received By: (Lab Staff)	REMARKS:
	<i>4/20/97</i>	<i>Amy Hill</i>	
Delivered By: (Circle One)		Sample Condition	CHECKED BY:
UPS - Fed Ex - Bus - Other:		Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(Initials)



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

July 7, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-326-936-631

Mr. Kelly L. Maclaskey
Kelly Maclaskey Oilfield Services, Inc. (KMOS)
P.O. BOX 580
Hobbs, NM 88241

RE: FLAT FEE INSTALLMENTS
Hobbs Facility, GW-234
Lea County, New Mexico

Dear Mr. Maclaskey:

On June 30, 1997, KMOS, Inc. received, via certified mail, a letter from OCD titled "Discharge Plan Fees GW-234" from the New Mexico Oil Conservation Division (OCD) for discharge plan GW-234. The OCD subsequently received a telephone call from you on July 2, 1997 concerning the above mentioned letter from OCD. It was stated during the phone conversation that KMOS had been preoccupied with sampling the Class V well at the facility and had thus inadvertently missed the annual "Flat Fee" installment. Based on the circumstances and for good cause the OCD hereby shall approve the following revised "Flat Fee" installment schedule:

The current installment number (2) in the amount of \$276 is due upon receipt of this letter, and the remaining three installment payments - each in the amount of \$276 will be due on the following dates: (3) April 24, 1998, (4) April 24, 1999, and (5) April 24, 2000. Note, if KMOS, Inc. is delinquent in any future payment of the installment fees then the terms of the June 30, 1997 letter from OCD will become effective and the entire remaining lump sum will be due.

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office. If you have any questions regarding this matter, please contact me at (505)-827-7152 or Mr. Patricio Sanchez at (505) 827-7156.

Sincerely,

Roger Anderson
Environmental Bureau Chief

RCA/pws

c: Hobbs OCD District Office

P 326 936 631	
US Postal Service	
Receipt for Certified Mail	
No Insurance Coverage Provided.	
Do not use for International Mail (See reverse)	
Sent to	KMOS - GW-234
Special Number	HEB. pws.
Post Office, State, & ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995

MEMORANDUM OF MEETING OR CONVERSATION

<input checked="" type="checkbox"/> Telephone <input type="checkbox"/> Personal	Time 2:00 pm	Date 7/2/97
---	--------------	-------------

Originating Party

Other Parties

Mr. Kelly MacLaskey
GW-234

Pat Sanchez - OCD

Subject

Kelly MacLaskey Oilfield Services - GW-234
Discharge Plans Fees. (Letter from OCD dated 6/30/97)

Discussion

Mr. MacLaskey called and was wondering about the "flat fee" letter from OCD dated June 30, 1997 titled "Discharge Plan Fees GW-234". He said he had been occupied sampling the class V well at the facility and had subsequently missed submittal of the annual installment of \$276. I told Mr. MacLaskey that the letter he had received from OCD was the standard "fee" collection letter that OCD sends permit holders when they miss an installment.

Conclusions or Agreements

I told Mr. MacLaskey that I would get with Mr. Roger Anderson and discuss his situation - and see if he could get back on the installment plan of \$276/YR.

Distribution File, Wayne Price

Signed

Patricia V. Eudy



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

June 30, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-326-936-628

Mr. Kelly L. Maclaskey
Kelly Maclaskey Oilfield Services, Inc. (KMOS)
P.O. BOX 580
Hobbs, NM 88241

RE: Discharge Plan Fees GW-234
Hobbs Facility
Lea County, New Mexico

Dear Mr. Maclaskey:

On May 1, 1996, KMOS, Inc. received, via certified mail, an approval dated April 24, 1996 from the New Mexico Oil Conservation Division (OCD) for discharge plan GW-234. Each discharge plan has a filing fee and a flat fee as described in WQCC Section 3114 (see attachment). The OCD has not as of this date (June 30, 1997) received the annual incremental amount of \$276. The last check submitted by KMOS, Inc. was dated May 6, 1996. The total flat fee amount remaining is \$1,104 of the original \$1,380 flat fee for discharge plan GW-234.

KMOS, Inc. will submit the remaining \$1,104 flat fee in full by July 30, 1997 in order to be in compliance with Water Quality Control Commission Regulation 3114.B.6, or the OCD may initiate enforcement actions which may include fines and/or an order to cease all operations at the facility. Please make all checks payable to: NMED-Water Quality Management and addressed to the OCD Santa Fe Office.

If you have any questions regarding this matter, please contact me at (505)-827-7152 or Mr. Patricio Sanchez at (505) 827-7156.

Sincerely,

Roger Anderson
Environmental Bureau Chief

RCA/pws

c: Hobbs OCD District Office
attachment

P 326 936 628

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

Sent to Kelly Maclaskey	
Street & Number GW-234	
Post Office, State & ZIP Code Hobbs, NM 88241	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800 April 1995

3114. FEES.

A. DEFINITIONS. - As used in this Section:

1. "average discharge" means the average daily flow rate of effluent discharge as measured or estimated over the period of one year; [8-17-91]
2. "billable facility" means any facility or portion of a facility required to have a discharge plan; and [8-17-91]
3. "discharge plan modification" means a change in requirements of a discharge plan as requested by the discharger as a result of past, present or anticipated changes in the quality or quantity of effluent or the location of the discharge; or as required by the secretary. [8-17-91]

B. FEE AMOUNT AND SCHEDULE OF PAYMENT - Every billable facility submitting a discharge plan for approval, modification or renewal shall pay the fees specified in this Section to the Water Quality Management Fund. [8-17-91]

1. The amount of the fee payment for a new discharge plan shall be calculated using the following formula:

1995 OCT 27 PM 1:26

TOTAL FEE = FILING FEE + FLAT FEE or DISCHARGE FEE

a. The filing fee is fifty (50) dollars for each new discharge plan application.

b. Billable facilities in the following categories applying for a new discharge plan will pay a flat fee as indicated:

FLAT FEE

Facility Category	Flat Fee
Fuel Terminals	\$ 2300
Gas Compressor Stations	
0 to 1000 Horsepower	0
1001 to 3000 Horsepower	690
Greater than 3000 Horsepower	1380
Gas Processing Plants	3335
Injection Wells: Classes I & III and Geothermal	1380
In Situ Leach - except salt	3335
Leach Heaps - copper	3335
Leach Heaps - precious metals	3510
Mine Dewatering	1065
Oil & Gas Service Companies	1380
Refineries	7820
Remediations - discharge plan only	1380
Tailings - copper, uranium & molybdenum	4860
Uranium - ion exchange & evaporation pond	1210

c. All billable facilities applying for a new discharge plan but which are not subject to a flat fee will pay the following fees according to their rate of effluent discharge:

DISCHARGE FEE

Average Discharge Gallons per Day	Fee
0 to 9,999	\$ 575
10,000 to 49,999	1150
50,000 to 99,999	1725
100,000 to 499,999	2300
500,000 to 999,999	2875
1,000,000 to 4,999,999	3450
5,000,000 to 9,999,999	4025
10,000,000 and greater	4600

[8-17-91]

2. Billable facilities applying for discharge plans

1995 OCT 27 PM 1:26

which are subsequently withdrawn or denied shall pay one-half of the flat fee or discharge fee at the time of denial or withdrawal.
[8-17-91]

3. Every billable facility submitting a discharge plan modification or renewal will be assessed a fee equal to the filing fee plus one-half of the flat fee or the discharge fee, whichever is applicable. Applications for both renewal and a modification will pay a fee equal to that assessed a new discharge plan application. [8-17-91]

4. If the secretary requires a discharge plan modification as a component of an enforcement action, the facility shall pay the applicable discharge plan modification fee. If the secretary requires a discharge plan modification outside the context of an enforcement action, the facility shall not be assessed a fee.
[8-17-91, 12-1-95]

5. The secretary may waive flat fees or discharge fees for discharge plan modifications which require little or no cost for investigation or issuance. [8-17-91, 12-1-95]

6. Billable facilities shall pay the filing fee at the time of discharge plan application. The filing fee is nonrefundable. The required flat fees or discharge fees may be paid in a single payment or in equal installments over the expected duration of the discharge plan. Installment payments shall be remitted yearly, with the first installment due on the date of discharge plan approval. The discharge plan or discharge plan application review of any facility shall be suspended or terminated if the facility fails to submit an installment payment by its due date. [8-17-91]

[3115-4100] Reserved



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

June 2, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-410-431-396

Mr. Kelly L. Maclaskey
Kelly Maclaskey Oilfield Services, Inc.
P.O. BOX 580
Hobbs, NM 88241

RE: Discharge Plan GW-234
Class V Investigation - letter dated April 23, 1997.
Hobbs Facility
Lea County, New Mexico

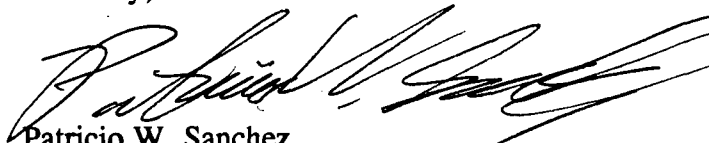
Dear Mr. Maclaskey:

The OCD has reviewed the above captioned letter as submitted by Kelly Maclaskey Oilfield Services, Inc. for sampling the Class V area. Upon review of the proposed sampling the OCD approves of the proposed sampling procedure for evaluating the presence of 20 NMAC 6.2.3103 constituents associated with the Class V area.

Please be advised this approval does not relieve you of liability should the plan fail to properly characterize the Class V well. Further, OCD authorization does not relieve you from responsibility for compliance with other federal, state, and local permitting requirements, rules, and regulations.

If you have any questions regarding this matter please feel free to call me at (505)-827-1756.

Sincerely,


Patricio W. Sanchez
Petroleum Engineering Specialist
Environmental Bureau - OCD

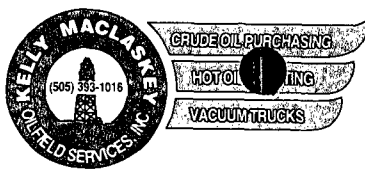
c: OCD Hobbs District

P 410 431 396

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

Sent to KMOS, Inc. - Kelly Maclaskey	
Street & Number Sampling opp.	
Post Office, State & ZIP Code Plus	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995

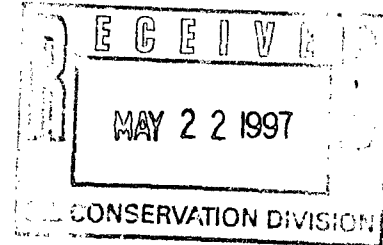


Kelly Maclaskey Oilfield Services, Inc.

P.O. Box 580
Hobbs, N.M. 88241
(505) 393-1016

April 23, 1997

Mr. Patricio W. Sanchez
Environmental Bureau - OCD
2040 South Pacheco Street
Santa Fe, New Mexico 87505



RE: Discharge Plan GW-234
NOD - Class V Investigation
Hobbs Facility
Lea County, New Mexico

Dear Mr. Sanchez:

Regarding the enclosed correspondence from Cardinal Laboratories. First, we are requesting to have permission to omit the test for uranium and radioactivity due to our knowledge of prior land use and ownership of this property. The land was used for grazing prior to construction of the facility by Ken Marsh, then sold to Kelly Maclaskey. There have been no radioactive materials used or stored at or adjacent to the property. The presence of uranium has not been reported in the area.

The enclosed letter from Cardinal Laboratories indicates the testing we propose to do. This information was furnished by Wayne Price, OCD Hobbs. It is our understanding that upon receiving satisfactory results from these test our obligation for testing will be complete and that no further testing will be required.

We need this information so that we can appropriate funds for any further expenditures concerning our discharge plan within the present scope of our operation.

We thank you for your time and attention and welcome your confirmation and comments.

Kelly L. Maclaskey
President
Kelly Maclaskey Oilfield Services Inc.
(505-393-1016)

xc: Mr. Wayne Price - OCD Hobbs District 1





ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Mr. Kelly L. Maclaskey
Kelly Maclaskey Oilfield Services, Inc.
P. O. Box 580
Hobbs, New Mexico 88241

April 17, 1997

Dear Mr. Macklaskey:

This letter is in reference to a letter dated February 6, 1997, to you from Mr. Patricio W. Sanchez, Environmental Bureau, OCD, State of New Mexico. It will address the analytical procedures requested by the "Class V Investigation" of your facility.

1. Analyze the waste water in the septic tank following the requirements of WQCC (20 NMAC 6.2.3103, A, B, & C), pages 24 and 25. We suggest you request permission from Mr. Sanchez to omit the test for Uranium, and the tests for Radioactivity, based on your prior knowledge of this property.
2. Analyze the sludge from the bottom of the septic tank for the following: EPA SW 846-8260, 8270, 1311. These procedures are referred to as Toxicity Characteristic Leaching Procedures for volatile and semi volatile organic compounds. The leachate would also be analyzed for the eight "RCRA" metals. Reactivity, Corrosivity, and Ignitability tests will also be performed. The results of these analytical procedures will determine the "hazardous, or non hazardous" characteristics of the sludge.

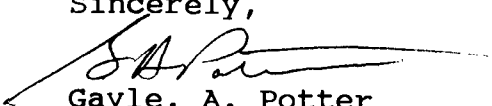
Our charges for analyzing the waste water (1. above) will be \$895.00, and the charges for the sludge (2. above) will be \$1150.00.

All analytical procedures will be those which are approved by the US Environmental Protection Agency, and the State of New Mexico.

A copy of the constituents found in WQCC (20 NMAC 6.2.3103) is enclosed.

Thank you for considering Cardinal Laboratories for this service.

Sincerely,


Gayle. A. Potter
President/Chemist

GAP:s

1995 OCT 27 PM 1:25

SUBPART III - PERMITTING AND GROUND WATER STANDARDS**3101. PURPOSE.**

A. The purpose of this Subpart controlling discharges onto or below the surface of the ground is to protect all ground water of the state of New Mexico which has an existing concentration of 10,000 mg/l or less TDS, for present and potential future use as domestic and agricultural water supply, and to protect those segments of surface waters which are gaining because of ground water inflow, for uses designated in the New Mexico Water Quality Standards. This Subpart is written so that in general: [2-18-77]

1. if the existing concentration of any water contaminant in ground water is in conformance with the standard of Section 3103 of this Part, degradation of the ground water up to the limit of the standard will be allowed; and [2-18-77]

2. if the existing concentration of any water contaminant in ground water exceeds the standard of Section 3103, no degradation of the ground water beyond the existing concentration will be allowed. [2-18-77]

B. Ground water standards are numbers that represent the pH range and maximum concentrations of water contaminants in the ground water which still allow for the present and future use of ground water resources. [2-18-77]

C. The standards are not intended as maximum ranges and concentrations for use, and nothing herein contained shall be construed as limiting the use of waters containing higher ranges and concentrations. [2-18-77]

[3102] Reserved

3103. STANDARDS FOR GROUND WATER OF 10,000 mg/l TDS CONCENTRATION OR LESS.

The following standards are the allowable pH range and the maximum allowable concentration in ground water for the contaminants specified unless the existing condition exceeds the standard or unless otherwise provided in Section 3109.D. Regardless of whether there is one contaminant or more than one contaminant present in ground water, when an existing pH or concentration of any water contaminant exceeds the standard specified in Subsection A, B, or C, the existing pH or concentration shall be the allowable limit, provided that the discharge at such concentrations will not result in concentrations at any place of withdrawal for present or reasonably foreseeable future use in excess of the standards of this Section.

These standards shall apply to the dissolved portion of the

1995 OCT 27 PM 1:25

contaminants specified with a definition of dissolved being that given in the publication "Methods for Chemical Analysis of Water and Waste of the U.S. Environmental Protection Agency," with the exception that standards for mercury, organic compounds and non-aqueous phase liquids shall apply to the total unfiltered concentrations of the contaminants. [2-18-77, 11-17-83, 3-3-86, 12-1-95]

A. Human Health Standards-Ground water shall meet the standards of Subsection A and B unless otherwise provided. If more than one water contaminant affecting human health is present, the toxic pollutant criteria as set forth in the definition of toxic pollutant in Section 1101 for the combination of contaminants, or the Human Health Standard of Section 3103.A. for each contaminant shall apply, whichever is more stringent.

Non-aqueous phase liquid shall not be present floating atop of or immersed within ground water, as can be reasonably measured.

Arsenic (As)	0.1 mg/l
Barium (Ba)	1.0 mg/l
Cadmium (Cd)	0.01 mg/l
Chromium (Cr)	0.05 mg/l
Cyanide (CN)	0.2 mg/l
Fluoride (F)	1.6 mg/l
Lead (Pb)	0.05 mg/l
Total Mercury (Hg)	0.002 mg/l
Nitrate (NO ₃ as N)	10.0 mg/l
Selenium (Se)	0.05 mg/l
Silver (Ag)	0.05 mg/l
Uranium (U)	5.0 mg/l
Radioactivity: Combined Radium-226 & Radium-228	30.0 pCi/l
Benzene	0.01 mg/l
Polychlorinated biphenyls (PCB's)	0.001 mg/l
Toluene	0.75 mg/l
Carbon Tetrachloride	0.01 mg/l
1,2-dichloroethane (EDC)	0.01 mg/l
1,1-dichloroethylene (1,1-DCE)	0.005 mg/l
1,1,2,2-tetrachloroethylene (PCE)	0.02 mg/l
1,1,2-trichloroethylene (TCE)	0.1 mg/l
ethylbenzene	0.75 mg/l
total xylenes	0.62 mg/l
methylene chloride	0.1 mg/l
chloroform	0.1 mg/l
1,1-dichloroethane	0.025 mg/l
ethylene dibromide (EDB)	0.0001 mg/l
1,1,1-trichloroethane	0.06 mg/l
1,1,2-trichloroethane	0.01 mg/l
1,1,2,2-tetrachloroethane	0.01 mg/l
vinyl chloride	0.001 mg/l

1995 OCT 27 PM

PAHs; total naphthalene plus
monomethylnaphthalenes 0.03 mg/l
benzo-a-pyrene 0.0007 mg/l
[2-18-77, 1-29-82, 3-3-86, 12-1-95]

B. Other Standards for Domestic Water Supply

Chloride (Cl) 250.0 mg/l
Copper (Cu) 1.0 mg/l
Iron (Fe) 1.0 mg/l
Manganese (Mn) 0.2 mg/l
Phenols 0.005 mg/l
Sulfate (SO₄) 600.0 mg/l
Total Dissolved Solids (TDS) 1000.0 mg/l
Zinc (Zn) 10.0 mg/l
pH between 6 and 9
[2-18-77]

C. Standards for Irrigation Use - Ground water shall meet the standards of Subsection A, B, and C unless otherwise provided.

Aluminum (Al) 5.0 mg/l
Boron (B) 0.75 mg/l
Cobalt (Co) 0.05 mg/l
Molybdenum (Mo) 1.0 mg/l
Nickel (Ni) 0.2 mg/l
[2-18-77]

3104. DISCHARGE PLAN REQUIRED.

Unless otherwise provided by this Part, no person shall cause or allow effluent or leachate to discharge so that it may directly or indirectly enter into ground water unless he is discharging pursuant to a discharge plan approved by the secretary. When a plan has been approved, discharges must be consistent with the terms and conditions of the plan. In the event of a transfer of the ownership, control, or possession of a facility for which an approved discharge plan is in effect, the transferee shall have authority to discharge under such plan, provided that the transferee has complied with Section 3111 of this Part, regarding transfers. [2-18-77, 12-24-12-1-95]

3105. EXEMPTIONS FROM DISCHARGE PLAN REQUIREMENT.

Sections 3104 and 3106 of this Part do not apply to the following: [2-18-77]

A. Effluent or leachate which conforms to all the listed numerical standards of Section 3103 and has a total nitrate concentration of 10 mg/l or less, and does not contain any toxic pollutant. To determine conformance, samples may be taken by



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

February 6, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-745

Mr. Kelly L. Maclaskey
Kelly Maclaskey Oilfield Services, Inc.
P.O. BOX 580
Hobbs, NM 88241

RE: Discharge Plan GW-234
Class V Investigation - Report dated January 15, 1997.
Hobbs Facility
Lea, New Mexico

Dear Mr. Maclaskey:

The OCD has reviewed the "Class V Investigation" for the above captioned facility as submitted by Kelly Maclaskey Oilfield Services, Inc. on January 15, 1997. Upon review of the work done so far the OCD cannot issue an approval regarding this Class V investigation until the following issues are further resolved:

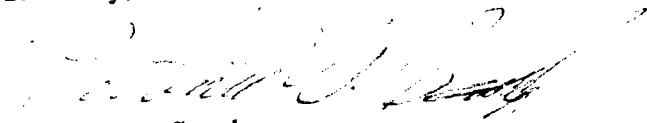
1. The waste water contained in the septic tank itself must be sampled for WQCC (20 NMAC 6.2.3103) parameters. Based upon these results a showing must be made that the Class V well did not impact groundwater by Kelly Maclaskey Oilfield Services, Inc..
2. The sludge in the bottom of the Septic tank must be sampled for 40 CFR Part 261 parameters, i.e. Reactivity, Ignitability, Corrosivity, and TCLP constituents of concern. A certification based upon process knowledge and the results of the analytical tests above regarding the regulatory status of the sludge in terms of RCRA Subtitle C (i.e. non-hazardous or hazardous) must be made by Kelly Maclaskey Oilfield Services, Inc.
3. The soil borings in the laterals will be plugged with a bentonite type cement grout in order to prevent the formation of a conduit to the groundwater.

Mr. Kelly MacLaskey
GW-234, Class V Investigation
February 6, 1997
Page 2

Please submit the results of this required additional work to the OCD Santa Fe office with a copy to Mr. Wayne Price of the Hobbs OCD District office, by April 4, 1997.

If you have any questions regarding this matter please feel free to call me at (505)-827-1756.

Sincerely,


Patricio W. Sanchez
Petroleum Engineering Specialist
Environmental Bureau - OCD

xc: Mr. Wayne Price - OCD Hobbs District I

P 288 258 745

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to Kelly MacLaskey	
Street & Number GW-234	
Post Office, State, & ZIP Code Class V Closure - Add. INFO.	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995

NEW MEXICO OIL CONSERVATION COMMISSION
FIELD TRIP REPORT

cc TERRY SEXTON
SANDY REARD
KAREN SPAN
PAE SANCHEZ
HAROLD

INSPECTION
OCCASION
FACILITY
HOURS
QUARTER
HOURS

Name WAYNE PRICE Date 1/28/97 Miles 24 District 2
Time of Departure 7 AM Time of Return 4 PM Car No. G 0071

In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken.

Signature [Signature]

OIL SPILL < 1 BBL ON 62-180 Hwy
~ 1/4 mi N. of 529.

MACLASKEY TRUCK SEEN PARKED WHERE
OIL WAS LOCATED.

CALLED KELLY MACLASKEY -

KELLY CAME TO SPILL AREA, INDICATED
HE WOULD CHECK IT OUT & CLEAN-UP
OIL/WATER. - WILL NOTIFY NMOCA
OF FURTHER DETAILS.

1/29/97: KELLY CALLED, THEY PICKED-UP ~ 2 59AL of MATERIAL
(PRODUCER WATER/CLEAN OIL & DIRT) HADEN BACK TO THEIR YARD.

Mileage	Per Diem	Hours
UIC _____	UIC _____	UIC _____
RFA _____	RFA _____	RFA _____
Other _____	Other _____	Other _____

TYPE INSPECTION
PERFORMED

H = Housekeeping
P = Plugging
C = Plugging Cleanup
T = Well Test
R = Repair/Workover
F = Waterflow
M = Mishap or Spill
W = Water Contamination
O = Other

INSPECTION
CLASSIFICATION

U = Underground Injection Control - Any inspection of or related to injection project, facility, or well or resulting from injection into any well. (SND, 2ndry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.)
R = Inspections relating to Reclamation Fund Activity
O = Other - Inspections not related to injection or The Reclamation Fund
E = Indicates some form of enforcement action taken in the field (show immediately below the letter U, R or O)

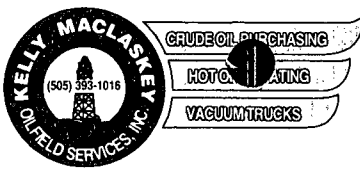
NATURE OF SPECIFIC WELL
OR FACILITY INSPECTED

D = Drilling
P = Production
I = Injection
C = Combined prod. inj. operations
S = SND
U = Underground Storage
G = General Operation
F = Facility or location
M = Meeting
O = Other

RECEIVED

JAN 30 1997

Environ. Bureau
Oil Conservation Division



Kelly Maclaskey Oilfield Services, Inc.

P.O. Box 580
Hobbs, N.M. 88241
(505) 393-1016

January 15, 1997

RECEIVED

JAN 22 1997

Environmental Bureau
Oil Conservation Division

Mr. Patricio W. Sanchez
Environmental Bureau - OCD
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RE: Discharge Plan GW-234
NOD - Class V Investigation
Hobbs Facility
Lea New Mexico

Dear Mr. Sanchez:

Enclosed are the lab reports of the soil samples from Cline Pump Company, Inc that we stated that we would be forwarding to you in the letter dated December 30, 1996.

We will await further instructions from your office.

Sincerely,

Kelly L. Maclaskey
President
Kelly Maclaskey Oilfield Services Inc.
(505-393-1016)

xc: Mr. Wayne Price - OCD Hobbs District 1



C L I N E P U M P C O M P A N Y , I N C .

P. O. Box 674 - 313 W. Marland

PHONE 505-397-2824 - FAX 505-397-2093

Hobbs, New Mexico 88241

License Nos. 25186 - CRP 1023

RECEIVED

Firm: Kelly MacLaskey Oil Field Service

JAN 22 1997

Date: January 13, 1997

Ervin J. ...
Oil Conservation Division

Subject: Soil samples on septic tank lateral lines.

Soil samples were taken at five and one half foot
foot deep (5 1/2') see attached drawing.

Samples were tested for B-Tex and TPH.
No B-Tex was detected on soil samples.

TPH soil sample had some background TPH, but well
below 50 ppm.

Soil samples had no discoloration or smell.

Oline Pump Company, Inc.

[Handwritten signature]

SumP

SHOP

WATER WELL
TANK.

TEST 1 & 2 SAMPLE AT
5 1/2" FEET.

18'



15'

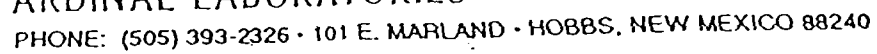
TEST #1

5'

TEST #2

LATERAL
LINE

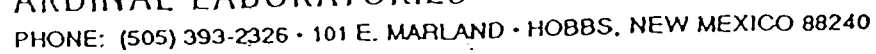
N



Telephone 397-2824

H274#-1, 2

[illegible]



Telephone _____

1427434

[illegible]



ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

ANALYTICAL RESULTS FOR
CLINE PUMP CO.
ATTN: LEX HILL
P.O. BOX 674
HOBBS, NM 88241
FAX TO:

Sampling Date: 12/30/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: WL

Receiving Date: 12/30/96
Reporting Date: 01/08/97
Project Number: NOT GIVEN
Project Name: KELLY MACLASKEY OILFIELD
Project Location: CARLSBAD HWY

RCRA METALS

LAB NUMBER SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:	1/2/97	1/3/97	1/3/97	1/3/97	1/3/97	1/3/97	1/7/97	1/2/97
H2744-2 WATER WELL	<0.002	<0.1	<2	<0.1	<0.5	<1	<0.01	<0.02
Quality Control	9.1	1.00	4.93	0.54	0.54	0.95	50.0	45.5
True Value QC	10.0	1.00	5.00	0.50	0.50	1.00	50.0	50.0
% Accuracy	91	100	98.6	108	108	95	100	91
Relative Percent Difference	0.4	0.8	13.3	6.3	10.2	4.8	12.4	7.9
METHODS: EPA 600/4-91/010	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2

Wei Li
Wei Li, Chemist

1-8-97
Date

PLEASE NOTE: **Liability and Damages.** Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. **H2744-2** Cardinal shall be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
CLINE PUMP CO.
ATTN: LEX HILL
P.O. BOX 674
HOBBS, NM 88241
FAX TO:

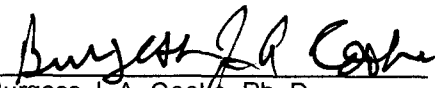
Receiving Date: 21/30/96
Reporting Date: 21/31/96
Project Number: NOT GIVEN
Project Name: KELLY MACLASKEY OILFIELD
Project Location: CARLSBAD HWY

Sampling Date: 12/30/96
Sample Type: SOIL
Sample Condition: COOL, INTACT
Sample Received By: BC
Analyzed By: BC

LAB NUMBER	SAMPLE ID	TPH (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
------------	-----------	----------------	--------------------	--------------------	-----------------------------	-----------------------------

ANALYSIS DATE:		12/31/96	12/30/96	12/30/96	12/30/96	12/30/96
H2743-1	LATERAL LINE #1	14.5	<0.010	<0.010	<0.010	<0.030
H2743-2	LATERAL LINE #2	27.8	<0.010	<0.010	<0.010	<0.030
Quality Control		213	0.111	0.110	0.108	0.320
True Value QC		200	0.100	0.100	0.100	0.300
% Accuracy		107	111	110	108	107
Relative Percent Difference		0.5	3.8	8.7	5.9	5.9

METHODS: TRPHC - EPA 600/7-79-020, 418.1; BTEX - EPA SW-846-8020


Burgess J. A. Cooke, Ph. D.

12/31/96
Date

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ANALYTICAL RESULTS FOR
CLINE PUMP CO.
ATTN: LEX HILL
P.O. BOX 674
HOBBS, NM 88241
FAX TO:

Receiving Date: 12/30/96
Reporting Date: 12/31/96
Project Number: NOT GIVEN
Project Name: KELLY MACLASKEY OILFIELD
Project Location: CARLSBAD HWY

Sampling Date: 12/30/96
Sample Type: GROUNDWATER
Sample Condition: COOL, INTACT
Sample Received By: BC
Analyzed By: BC

LAB NUMBER	SAMPLE ID	TPH (mg/L)	BENZENE (ppb)	TOLUENE (ppb)	ETHYL BENZENE (ppb)	TOTAL XYLENES (ppb)
ANALYSIS DATE:		12/31/96	12/30/96	12/30/96	12/30/96	12/30/96
H2744-2	WATER WELL	7.4	<1	<1	<1	<3
Quality Control		213	111	110	108	320
True Value QC		200	100	100	100	300
% Accuracy		107	111	110	108	107
Relative Percent Difference		0.5	3.8	8.7	5.9	5.9

METHODS: TRPHC - EPA 600/7-79-020, 418.1; BTEX - EPA SW-846-8020


Burgess J. A. Cooke, Ph. D.

12/31/96
Date

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ANALYTICAL RESULTS FOR
CLINE PUMP CO.
ATTN: LEX HILL
P.O. BOX 674
HOBBS, NM 88241
FAX TO:

Receiving Date: 12/30/96
Reporting Date: 01/10/97
Project Number: NOT GIVEN
Project Name: KELLY MACLASKEY OILFIELD
Project Location: CARLSBAD HWY

Sampling Date: 12/30/96
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/GP

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/L)	SO ₄ (mg/L)	pH (s.u.)	TDS (mg/L)	Conductivity (umhos/cm)	Hardness (mg/L)
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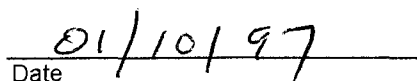
ANALYSIS DATE:		1/7/97	1/7/97	1/9/97	1/9/97	1/9/97	1/7/97
H2744-2	WATER WELL	48.0	65.0	8.00	438	519	228
Quality Control		496	99.5	7.00	NR	1413	NR
True Value QC		500	100	7.00	NR	1413	NR
% Accuracy		99.2	99.5	100	NR	100	NR
Relative Percent Difference		0	0.5	0.1	6.8	0	NR

METHODS:	SM4500-Cl-B	375.4	150.1	160.1	120.1	130.2
----------	-------------	-------	-------	-------	-------	-------

	T-Alkalinity (mg/L)	CO3 (mg/L)	HCO3 (mg/L)	Na (mg/L)	Ca (mg/L)	Mg (mg/L)
ANALYSIS DATE:	1/7/97	1/9/97	1/9/97	1/9/97	1/7/97	1/7/97
H2744-2 WATER WELL	176	0	215	90.3	61.7	18.0
Quality Control	NR	NR	NR	NR	NR	NR
True Value QC	NR	NR	NR	NR	NR	NR
% Accuracy	NR	NR	NR	NR	NR	NR
Relative Percent Difference	NR	NR	NR	NR	NR	NR

METHODS:	310.1	310.1	310.1	273.1	M3500-Ca-D	M3500-Mg E
----------	-------	-------	-------	-------	------------	------------


Chemist


Date

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PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR
CLINE PUMP CO.
ATTN: LEX HILL
P.O. BOX 674
HOBBS, NM 88241
FAX TO:

Receiving Date: 12/30/96
Reporting Date: 01/02/97
Project Number: NOT GIVEN
Project Name: KELLY MACLASKEY OILFIELD
Project Location: CARLSBAD HWY
Lab Number: H2744-1
Sample ID: SUMP

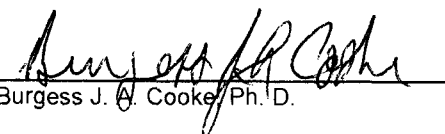
Analysis Date: 01/02/97
Sampling Date: 12/30/96
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

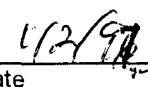
TCLP SEMIVOLATILES (ppm)	EPA LIMIT	Sample Result H2744-1	Method Blank	QC	True Value %IA	QC
Pyridine	5.00	<0.004	<0.004	0.053	106	0.050
1,4-Dichlorobenzene	7.50	<0.004	<0.004	0.051	102	0.050
o-Cresol	200	0.007	<0.004	0.054	108	0.050
m, p-Cresol	200	<0.004	<0.004	0.055	110	0.050
Hexachloroethane	3.00	<0.004	<0.004	0.050	100	0.050
Nitrobenzene	2.00	<0.004	<0.004	0.049	98	0.050
Hexachloro-1,3-butadiene	0.500	<0.004	<0.004	0.045	90	0.050
2,4,6-Trichlorophenol	2.00	<0.004	<0.004	0.052	104	0.050
2,4,5-Trichlorophenol	400	<0.004	<0.004	0.054	108	0.050
2,4-Dinitrotoluene	0.130	<0.004	<0.004	0.052	104	0.050
Hexachlorobenzene	0.130	<0.004	<0.004	0.048	96	0.050
Pentachlorophenol	100	<0.004	<0.004	0.046	92	0.050

% RECOVERY

Fluorophenol	83
Phenol-d5	81
Nitrobenzene-d5	92
2-Fluorobiphenyl	81
2,4,6-Tribromophenol	105
Terphenyl-d14	111

METHODS: EPA SW 846-8270


Burgess J. A. Cooke, Ph.D.


Date

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ANALYTICAL RESULTS FOR
CLINE PUMP CO.
ATTN: LEX HILL
P.O. BOX 674
HOBBS, NM 88241
FAX TO:

Receiving Date: 12/30/96
Reporting Date: 01/06/97
Project Number: NOT GIVEN
Project Name: KELLY MACLASKEY OILFIELD
Project Location: CARLSBAD HWY

Sampling Date: 12/30/96
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: WL

TCLP METALS

LAB NUMBER SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:	1/2/97	1/3/97	1/3/97	1/3/97	1/3/97	1/3/97	1/3/97	1/2/97
EPA LIMITS:	5	5	100	1	5	5	0.2	1
H2744-1 SUMP	<0.002	<0.1	<2	<0.1	<0.5	<1	<0.01	<0.02
Quality Control	9.1	1.00	4.93	0.54	0.54	0.95	48.5	45.5
True Value QC	10.0	1.00	5.00	0.50	0.50	1.00	50.0	50.0
% Accuracy	91	100	98.6	108	108	95	97	91
Relative Percent Difference	0.4	0.8	13.3	6.3	10.2	4.8	12.4	7.9
METHODS: EPA 1311, 600/4-91/0	200.7	200.7	200.7	200.7	200.7	200.7	245.1	200.7

Wei Li, Chemist

Date

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ANALYTICAL RESULTS FOR
CLINE PUMP CO.
ATTN: LEX HILL
P.O. BOX 674
HOBBS, NM 88240
FAX TO:

Receiving Date: 12/30/96
Reporting Date: 01/07/97
Project Number: NOT GIVEN
Project Name: KELLY MACLASKEY OILFIELD
Project Location: CARLSBAD HWY

Sampling Date: 12/30/96
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/GP

LAB NUMBER SAMPLE ID	REACTIVITY			
	Sulfide (ppm)	Cyanide (ppm)	CORROSIVITY (pH)	IGNITABILITY (°F)
ANALYSIS DATE:	1/6/97	1/6/97	12/31/96	12/31/96
H2744-1 SUMP	<1	<1	7.43	>140
Quality Control	NR	NR	7.01	NR
True Value QC	NR	NR	7.00	NR
% Accuracy	NR	NR	100	NR
Relative Percent Difference	NR	NR	0.3	NR

METHOD: EPA SW 846-7.3, 7.2, 1010

Bryant R. Cook
Chemist

1/7/97
Date

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ANALYTICAL RESULTS FOR
CLINE PUMP CO.
ATTN: LEX HILL
P.O. BOX 674
HOBBS, NM 88241
FAX TO:

Receiving Date: 12/30/96
Reporting Date: 01/02/97
Project Number: NOT GIVEN
Project Name: KELLY MACLASKEY OILFIELD
Project Location: CARLSBAD HWY
Lab Number: H2744-1
Sample ID: SUMP

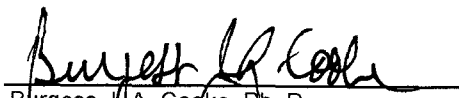
Analysis Date: 12/31/96
Sampling Date: 12/30/96
Sample Type: WASTEWATER
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

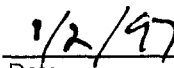
TCLP VOLATILES (ppm)	EPA LIMIT	Sample Result H2744-1	Method Blank	QC	True Value	
					%IA	QC
Vinyl Chloride	0.20	<0.005	<0.005	0.098	98	0.100
1,1-Dichloroethylene	0.7	<0.005	<0.005	0.095	95	0.100
Methyl Ethyl Ketone	200	<0.005	<0.005	0.087	87	0.100
Chloroform	6.0	<0.005	<0.005	0.097	97	0.100
1,2-Dichloroethane	0.5	<0.005	<0.005	0.095	95	0.100
Benzene	0.5	<0.005	<0.005	0.092	92	0.100
Carbon Tetrachloride	0.5	<0.005	<0.005	0.097	97	0.100
Trichloroethylene	0.5	<0.005	<0.005	0.085	85	0.100
Tetrachloroethylene	0.7	<0.005	<0.005	0.086	86	0.100
Chlorobenzene	100	<0.005	<0.005	0.096	96	0.100
1,4-Dichlorobenzene	7.5	<0.005	<0.005	0.092	92	0.100

% RECOVERY

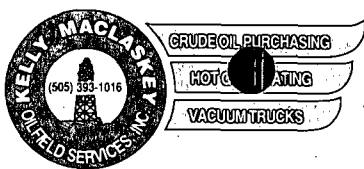
Bromofluorobenzene	102
--------------------	-----

METHODS: EPA SW 846-8260


Burgess J. A. Cooke, Ph. D.


Date

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Kelly Maclaskey Oilfield Services, Inc.

P.O. Box 580
Hobbs, N.M. 88241
(505) 393-1016

RECEIVED

JAN - 6 1997

Environmental Bureau
Oil Conservation Division

DECEMBER 30, 1996

Mr. Patricio W. Sanchez
Environmental Bureau - OCD
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RE: Discharge Plan GW-234
NOD - Class V Investigation
Hobbs Facility
Lea New Mexico

Dear Mr. Sanchez:

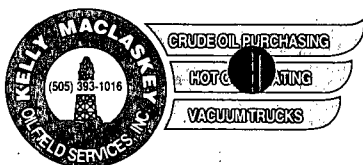
The Work Plan and present status, concerning condition number 13, page 4 of the approval letter dated April 24, 1996 included in your letter of November 22, 1996 is as follows.

The sump pipe has been cemented off and the sump was inspected and tested for structural integrity. There were no detectable defects in the walls or floor that would allow leakage of water. The bore holes have been drilled and soil sampled in the septic lateral area. The accepted OCD-approved test procedure is being conducted on this material, and the results will be forwarded upon completion.

The proposed yard expansion has been completed that will allow for the accommodation of the proposed large bermed and lined fuel and fluids area presently being constructed north/east of the shop. However, the monetary outlay has already become a factor in the completion time, due to the higher than anticipated expenditures for the dirt work, lining/concrete berm materials, and electrical service. We are striving to have the new fuel/fluids island area moved and completed during the summer of 1997, but we also want to do a first rate job as we go.



MEMBER



Kelly Maclaskey Oilfield Services, Inc.

P.O. Box 580
Hobbs, N.M. 88241
(505) 393-1016

We will also have updated results to turn in on the current test we are conducting on our fresh water supply and sump wash water.

Sincerely,

Kelly L. Maclaskey
President

Kelly Maclaskey Oilfield Services Inc.
(505-393-1016)

xc: Mr. Wayne Price - OCD Hobbs District 1

RECEIVED

JAN - 6 1997

Environment and
Oil Conservation Division



MEMBER



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

November 22, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-703

Mr. Kelly L. Maclaskey
Kelly Maclaskey Oilfield Services, Inc.
P.O. BOX 580
Hobbs, NM 88241

RE: Discharge Plan GW-234
NOD - Class V Investigation
Hobbs Facility
Lea, New Mexico

Dear Mr. Maclaskey:

The discharge plan GW-234 for the Kelly Maclaskey Oilfield Services, Inc. Hobbs facility located in SW/4 SW/4, Section 36, Township 18 South, Range 37 East, NMPM, Lea County, New Mexico, was approved on April 24, 1996 under the conditions contained in the enclosed attachment. The OCD has yet to receive the work plan as described in condition number 13, page 4 of the approval letter dated April 24, 1996. Please submit a work plan by January 10, 1997 to the OCD Santa Fe Division Office in duplicate, with a copy to the attention of Mr. Wayne Price at the OCD Hobbs District Office.

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

P 288 258 703

Sincerely,

Patricio W. Sanchez
Petroleum Engineering Specialist
Environmental Bureau - OCD
(505)-827-7156

Attachment - Permit Conditions dated 24, 1996.
xc: Mr. Wayne Price - OCD Hobbs District I

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

Sent to Maclaskey - GW-234 -	
Street & Number Class V - NOD -	
Post Office, State, & ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995

Mr. Kelly Maclaskey
Kelly Maclaskey Oilfield Services, Inc.
Page 3
April 24, 1996

ATTACHMENT TO DISCHARGE PLAN GW-234
Kelly Maclaskey Oilfield Services, Inc. - Hobbs Facility
DISCHARGE PLAN REQUIREMENTS
April 24, 1996

1. **Payment of Discharge Plan Fees:** The \$1,380 flat fee shall be submitted upon receipt of this approval. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.
2. **Kelly Maclaskey Oilfield Services, Inc. Commitments:** Kelly Maclaskey Oilfield Services, Inc. will abide by all commitments submitted in the Discharge Plan Application dated January 22, 1996 as well as the letter dated April 11, 1996 from Kelly Maclaskey Oilfield Services, Inc. and this Discharge Plan Approval from OCD dated April 24, 1996.
3. **Drum Storage:** All drums containing materials other than fresh water must be stored on an impermeable pad and curb type containment. All empty drums should be stored on their sides with the bungs in place and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets should also be stored on an impermeable pad and curb type containment.
4. **Process Areas:** All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
5. **Above Ground Tanks:** All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new facilities or modifications to existing facilities must place the tank on an impermeable type pad.
6. **Above Ground Saddle Tanks:** Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
7. **Below Grade Tanks/Sumps:** All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks that do not have secondary containment and leak detection must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks /or sumps.

Mr. Kelly Maclaskey
Kelly Maclaskey Oilfield Services, Inc.
Page 4
April 24, 1996

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

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

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

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

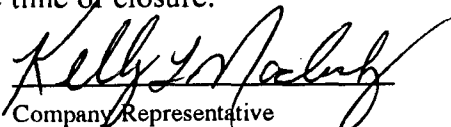
11. **Spill Reporting:** All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the Aztec OCD District Office at (505)-334-6178.

12. **Transfer of Discharge Plan:** The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.

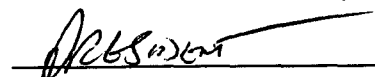
13. **Class V Wells:** Leach fields and other wastewater disposal systems at OCD regulated facilities which inject fluid other than sewage below the surface are considered Class V injection wells under the EPA UIC program. All class V wells will be closed unless, it can be demonstrated that protectable groundwater will not be impacted in the reasonably foreseeable future. Class V wells must be closed through the Santa Fe Office. The OCD allows industry to submit closure plans which are protective of human health, environment and groundwater as defined by the WQCC, and are cost effective.

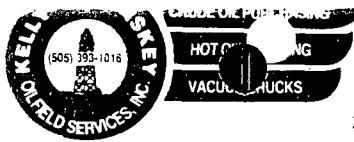
14. **Closure:** The OCD will be notified when operations of the facility are discontinued for a period in excess of six months. Prior to closure of the facility a closure plan will be submitted for approval by the director. Closure and waste disposal will be in accordance with the statutes, rules and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

15. **Conditions accepted by:**


Company Representative

5-6-96
Date


Title



Kelly Maclaskey Oilfield Services, Inc.

P.O. Box 580
Hobbs, N.M. 88241
(505) 393-1016

Mr. Patricio W. Sanchez
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

April 11, 1996

Dear Mr. Sanchez,

Regarding the request for additional information upon the review of our application GW-234. The following is our proposal to address the items in your review.

- Item 1. (Class V. injection well) We propose to test the referenced leech field by drilling 2 test holes. The test holes are to be drilled 3 feet below and within the lateral runs. The soil sampled from the test holes shall be tested for hazardous characteristics and constituents per 40 CFR Part 261, including TPH, and BTEX. These test will be done by a State approved laboratory.
- Item 2. (Garage sump) The garage sump line shall be cemented off at its point of origin. It is felt that this would be the most accurate location thus not possibly effecting the operation of the restroom and shower facilities in the building. As noted any water to be disposed from the referenced sump will be tested per 40 CFR Part Part 261, and will not be disposed in a Class II UIC Well.
- Item 3. (Burner area) The burner area will be cleaned per OCD guidelines and requirements.

It is our commitment to proceed with the above procedures within 60 days upon receipt of your written approval.

Sincerely,

Kelly L. Maclaskey



MEMBER

RECEIVED

APR 15 1996

Environmental Bureau
Oil Conservation Division

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 5/6/96,

or cash received on _____ in the amount of \$ 276.00

from Kelly Ma Clasky Oilfield Services

for Hobbs Facility GW 234

Submitted by: _____ Date: _____

Submitted to ASD by: D. Anderson Date: 5/9/96

Received in ASD by: M. J. [unclear] Date: 5-20-96

Filing Fee _____ New Facility X Renewal _____

Modification _____ Other _____

Organization Code 521.07 Applicable FY 96

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment X
145

KELLY MACLASKEY OILFIELD SERVICES, INC.

P.O. BOX 580 (505) 393-1016
HOBBS, NM 88241

LEA COUNTY STATE BANK

HOBBS, NM 88241
95-183/1122 - 5

5/6/96

PAY TO THE ORDER OF NEW MEXICO WATER QUALITY MANAGEMENT

\$ ***276.00

Two Hundred Seventy-Six and 00/100

NEW MEXICO WATER QUALITY MANAGEMENT

DOLLARS

Security features
included
Details on back

MEMO _____

Kelly L. MacLaskey

KELLY L. MACLASKEY

KELLY MACLASKEY OILFIELD SERVICES, INC.

NEW MEXICO WATER QUALITY MANAGEMENT
05/06/96 Bill #

5/6/96

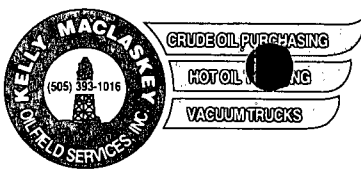


276.00

1st ANNUAL INSTALIMENTS DISCHARGE PLAN

CASH-NM

276.00



Kelly Maclaskey Oilfield Services, Inc.

P.O. Box 580
Hobbs, N.M. 88241
(505) 393-1016

Mr. Patricio W. Sanchez
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

April 11, 1996

Dear Mr. Sanchez,

Regarding the request for additional information upon the review of our application GW-234. The following is our proposal to address the items in your review.

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- Item 3. (Burner area) The burner area will be cleaned per OCD guidelines and requirements.

It is our commitment to proceed with the above procedures within 60 days upon receipt of your written approval.

Sincerely,

Kelly L. Maclaskey





STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

February 15, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-963-013

Mr. Kelly Maclaskey
Kelly Maclaskey Oilfield Services, Inc.
P.O. BOX 580
Hobbs, NM 88241

RE: Discharge Plan GW-234
Kelly Maclaskey Oilfield Services, Inc. Hobbs facility
Lea County, New Mexico

Dear Mr. Maclaskey:

The NMOCD has received the proposed discharge plan application for the **Kelly Maclaskey Oilfield Services, Inc.** facility located in SW/4 SW/4, Section 36, Township 18 South, Range 37 East, NMPM, Lea, New Mexico. The NMOCD has prepared and sent out the public notice for the facility as stated in WQCC section 3108 and has performed a preliminary review of the discharge plan application dated January 22, 1995 as submitted by Kelly Maclaskey Oilfield Services, Inc.

The following comments and request for additional information are based upon review of the above discharge plan application. **Please note that unless otherwise stated, response to all comments shall be received and reviewed by the OCD prior to approval of the discharge plan application.**

- The review that follows will site specific information from the application that needs to be clarified. The service company guidelines as well as the spill/leak guidelines that were provided to Mr. Maclaskey at the inspection will be referenced during this process. (Note: Enclosed for your reference is the inspection report dated September 20, 1995 from the OCD as well as your original discharge plan requirement letter.)

Under part 9. Proposed Modifications:

1. As was mentioned in the inspection report dated September 20, 1995 the facility needs to address the class V. injection well and provide an investigation plan to sample the leech field for possible groundwater contamination. The leech field shall be sampled for TPH, BTEX, and Hazardous characteristics and constituents per 40 CFR Part 261.

Mr. Kelly Maclaskey
GW-234
February 15, 1996
Page 2

2. The line that joins the garage sump with the leech field shall be removed/closed out. Further, the sump in the garage area needs to be sampled for Hazardous constituents and characteristics per 40 CFR Part 261 before this non-exempt wash water can be disposed.

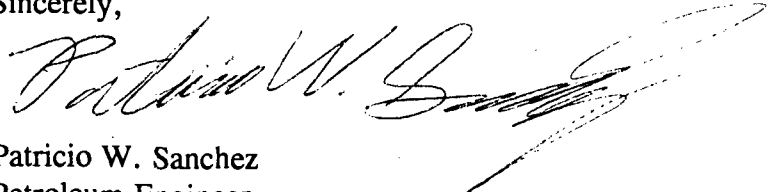
Note: Non-exempt wastes cannot be injected in Class II UIC wells.

3. The soil as well as the filter burner area that was identified in the inspection report dated September 20, 1995 needs to be cleaned up per the OCD leak/Spill Guidelines that were provided during the facility inspection. Note: Spill areas that are non-exempt in nature must also conform with 40 CFR Part 261 standards for Hazardous characteristics and constituents.

Submittal of the requested information and commitments in a timely fashion will expedite the final review of the application and approval of the discharge plan. **Submit the information in three copies - two to Santa Fe, and one copy to Hobbs within 60 days of receipt of this letter.**

If you have any questions, please feel free to call me at (505)-827-7156.

Sincerely,


Patricio W. Sanchez
Petroleum Engineer

xc: Mr. Wayne Price - Environmental Representative District I.

Z 765 343 013



**Receipt for
Certified Mail**

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

Sent to <u>Mr. Kelly Maclaskey</u>	
Street and No. <u>GW-234</u>	
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

Pat Sanchez

From: Wayne Price
Sent: Friday, February 09, 1996 4:19 PM
To: Pat Sanchez
Subject: Maclaskey Gw-234

Dear Pat,

Recieved you letter, reviewed and looks ok.

I cannot read your attachments from WP6, send as WP5.1 or just include it in E-mail message.

Pat Sanchez

From: Wayne Price
Sent: Thursday, February 08, 1996 1:33 PM
To: Pat Sanchez
Cc: Jerry Sexton; Wayne Price
Subject: Kelly Maclaskey DP Review

Dear Pat,

Per our telephone conversation please find enclosed below the items of concern:

1. Old leech field.
2. The leaks and spills around the tanks located in the far back lot.
3. I recommend that the wash water that is generated in the sump be classified and if non-exempt then sampled and tested. Also the location of disposal.

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. dated 1/22/96
or cash received on in the amount of \$ 50.00

from MacLasky Oilfield Svc
for Hobbs Service Facility CW-234
(Filing Name) (DP No.)

Submitted by: Date:

Submitted to ASD by: B. A. Anderson Date: 3/25/96

Received in ASD by: Angela Herrera Date: 3-29-96

Filing Fee X 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

Lee County State Bank
P.O. Box 400
Hobbs, NM 88241

KELLY MACLASKEY OILFIELD SERVICES, INC.
P. O. BOX 580 505-393-1016
HOBBS, NM 88241

95-183/1122
5

PAY **fifty and no/100**

TO THE
ORDER OF

NMED WATER QUALITY MANAGEMENT

DATE
1/22/96

AMOUNT
50.00

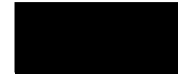
Stacy MacLasky

KELLY MACLASKEY OILFIELD SERVICES, INC.

FILING FEE FOR DISCHARGE PLAN

6W-234

\$50.00



KELLY MACLASKEY OILFIELD SERVICES INC.
5900 WEST CARLSBAD HIGHWAY
HOBBS, NEW MEXICO

DISCHARGE PLAN AND APPLICATION
JANUARY 1996

(PAGE 1 OF 5)

1. Facility type: TRUCK PARKING AND DISPATCH FACILITY.
2. Operator: KELLY MACLASKEY OILFIELD SERVICES INC.
5900 W. CARLSBAD HWY.
HOBBS, NEW MEXICO
Contact Person: Kelly L. MacLaskey phone: 505-393-1016
3. SW 1/4 of SW 1/4 SEC.36 TWP.18S RNG.37E Lea County
(Topographic map EXHIBIT - 3)
4. KELLY MACLASKEY OILFIELD SERVICES INC.
5. FACILITY DESCRIPTION DIAGRAM ENCLOSED (EXHIBIT 5-A)
6. Stored Materials- MSD SHEETS ENCLOSED (EXHIBIT 6-A)

Product Name List	L-liquid,	Type,	Volume	Location-Yard
Paraffin Treating Solvent,	(L),	tank,	115 gal	Fiberglass-berm
Emulsion Breaker	(L),	tank,	065 gal	Fiberglass-berm
Corrosion Inhibitor	(L),	drum,	045 gal	Fiberglass-berm
Surfactant	(L),	tank,	140 gal	" " " "
Liquid KCL	(L),	tank,	125 gal	" " " "
Varsol/solvent	(L),	tank,	110 gal	" " " "
Tank Bottom treating	(L),	tank,	095 gal	" " " "
Packer corrosion inhibt.	(L),	tank,	065 gal	" " " "
Soap	(L),	drum,	045 gal	Shop-Concrete
Engine Oil	(L)	tank,	095 gal	Shop-Concrete
Engine #2 fuel	(L)	tank,	2650 gal	Graveled-bermed
Burner propane	(L)	tank,	1250 gal	Graveled-nonberm
Drilling mud oil	(L)	tank	140 bbl	Graveled-nonberm
Brine water	(L)	tank	230 bbl	Graveled-nonberm

The Santa Fe New Mexican

Since 1849 We Read You.

NEW OIL CONSERVATION
ATTN: SALLY MARTINEZ
P O BOX 6429
SANTA FE, NM 87505-6429

AD NUMBER: 464505

ACCOUNT: 56689

LEGAL NO: 59006

P.O. #: 96-199-002997

157 LINES once at \$ 62.80

RECEIVED

FEB 06 1996

Environmental Bureau
Oil Conservation Division

Affidavits: 5.25
Tax: 4.25
Total: \$ 72.30

AFFIDAVIT OF PUBLICATION

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 has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico, 87505, Telephone (505) 827-7131:

(GW-234) - Kelly MacLaskey Oilfield Services Inc., Mr. Kelly MacLaskey, (505)-393-1016, 5900 West Carlsbad HWY., Hobbs, NM, 88241, has submitted a Discharge Plan Application for their Hobbs facility located in the SW/4 SW/4, Section 36, Township 18 South, Range 37 East, NMPM, Lea County, New Mexico. All wastes will be 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 52 feet with a total dissolved solids concentration of approximately 100 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

vision 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 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 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 25th of January, 1996.
STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

WILLIAM J. LEMAY, Director
Legal #59006
Pub. February 2, 1996

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, BETSY PERNER being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily news paper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 59006 a copy of which is hereto attached was published in said newspaper once each week for one consecutive week(s) and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 2 day of February 1996 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ Betsy Perner
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 2 day of February A.D., 1996



OFFICIAL SEAL

Candace C. Ruiz

NOTARY PUBLIC - STATE OF NEW MEXICO

My Commission Expires: 9/29/99

Candace C. Ruiz

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

~~XXXXXXXXXXXX~~ ~~XXXXXXXXXX~~
..... ~~XXXXXXXXXXXX~~
~~County, XXXXXXXX~~, was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, ~~XXXXXXXXXXXXXXXXXXXX~~
~~same day XXXXXXXX~~, for one (1) day
~~consecutive weeks~~, beginning with the issue of

February 1, 1996

and ending with the issue of

February 1, 1996

And that the cost of publishing said notice is the sum of \$ 42.40

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

Joyce Clemens
Subscribed and sworn to before me this 2nd
day of February, 1996

Jean Senier
Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 1998

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

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 25th day of January 1996.

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

SEAL
WJL/pws
Published in the Lovington Daily Leader February 1, 1996.

RECEIVED

FEB 08 1996

Environmental Bureau
Oil Conservation Division

NOTICE OF PUBLICATION

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

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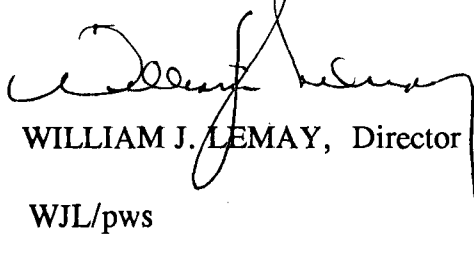
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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 25th day of January, 1996.

**STATE OF NEW MEXICO
OIL CONSERVATION DIVISION**


WILLIAM J. LEMAY, Director
WJL/pws

S E A L

RECEIVED

JAN 25 1996

Environmental Bureau
Oil Conservation Division

6W-234

KELLY MACLASKEY OILFIELD SERVICES INC.
5900 WEST CARLSBAD HIGHWAY
HOBBS, NEW MEXICO

DISCHARGE PLAN AND APPLICATION
JANUARY 1996

(PAGE 1 OF 5)

1. Facility type: TRUCK PARKING AND DISPATCH FACILITY.
2. Operator: KELLY MACLASKEY OILFIELD SERVICES INC.
5900 W. CARLSBAD HWY.
HOBBS, NEW MEXICO
Contact Person: Kelly L. Maclaskey phone: 505-393-1016
3. SW 1/4 of SW 1/4 SEC.36 TWP.18S RNG.37E Lea County
(Topographic map EXHIBIT - 3)
4. KELLY MACLASKEY OILFIELD SERVICES INC.
5. FACILITY DESCRIPTION DIAGRAM ENCLOSED (EXHIBIT 5-A)
6. Stored Materials- MSD SHEETS ENCLOSED (EXHIBIT 6-A)

Product Name List	Liquid,	Type,	Volume	Location-Yard
Paraffin Treating Solvent,	(L),	tank,	115 gal	Fiberglass-berm
Emulsion Breaker	(L),	tank,	065 gal	Fiberglass-berm
Corrosion Inhibitor	(L),	drum,	045 gal	Fiberglass-berm
Surfactant	(L),	tank,	140 gal	" " " "
Liquid KCL	(L),	tank,	125 gal	" " " "
Varsol/solvent	(L),	tank,	110 gal	" " " "
Tank Bottom treating	(L),	tank,	095 gal	" " " "
Packer corrosion inhibt.	(L),	tank,	065 gal	" " " "
Soap	(L),	drum,	045 gal	Shop-Concrete
Engine Oil	(L)	tank,	095 gal	Shop-Concrete
Engine #2 fuel	(L)	tank,	2650 gal	Graveled-bermed
Burner propane	(L)	tank,	1250 gal	Graveled-nonberm
Drilling mud oil	(L)	tank	140 bbl	Graveled-nonberm
Brine water	(L)	tank	230 bbl	Graveled-nonberm

KELLY MACLASKEY OILFIELD SERVICES INC.

DISCHARGE PLAN AND APPLICATION

(PAGE 2 OF 5)

7. Sources estimated gallons per month of effluent waste

(A) Truck washing	150	soapy water
(B) Engine lubrication	50	used engine oil
(B) Engine lubrication	15	used filters
(C) Parts washer	03	used solvent
(D) Office restrooms	--	domestic sewage
(E) Rain water	--	rain water

8. Current Waste collection/disposal procedures:

- (B) Used engine oil and parts solvent collected via drain pan and with self-contained pump transferred into 1000-gal steel saddle tank on non-bermed concrete pad next to shop. Picked up and disposed by E&E Enterprises PO.Box 683 Brownfield, Texas 79316 (Exhibit 8-B)
- (B) Used filters are compressed, drummed, and picked up by E&E Enterprises Brownfield Texas
- (A) Soapy water is collected in concrete shop sump. Disposal is by evaporation and/or by Co. truck to C.R.I. Inc. system.
- (D) Domestic sewage liquids are directed to an underground septic tank and dissipated through a leach field of unknown construction. Domestic sewage solids are disposed of by Hobbs Septic Service.
- (E) Incidental rain water gathered in secondary containment is disposed of by evaporation and/or vacuumed up and disposed of by company truck at CRI Inc.

9. Proposed Modifications:

- (A) Planned in the following 12 months, The fueling island and storage area will be moved to a future, new to be constructed, fireproof/concrete fully self-contained 140% capacity bermed and concrete pad area.
- (B) At this time it is felt the chemical rack area will be further protected (triple contained) by being consolidated into this area also.
- (C) Planned in the following 6 months, Brine and drilling mud-oil storage tanks will be moved south into the fenced, north truck yard area, and set on a combination 140% capacity lined earthen-berm retaining system.

KELLY MACLASKEY OILFIELD SERVICES INC.

DISCHARGE PLAN AND APPLICATION

(PAGE 3 OF 5)

9. Proposed Modifications; continued

- (E) In the following 6 months, The 1000 gallon used oil saddle tank will be set in a fiberglass berm with a minimum 140% capacity at its present location next to the east outside shop wall.

10. Inspection, Maintenance, and Reporting:

Inspection and maintenance of a potential discharge situation areas via tank leaks etc. is done on a daily basis by company personnel. The segregated shop sump is cleaned and inspected yearly and recorded.

11. Spill/leak Contingency Plans:

Includes a 24-HR. Emergency Response Notification phone 505-393-1016, along with 24-Hr. available company vacuum truck equipment and personal to respond to any company accidental surface spill or discharge. Earthen berms around the facility in the run-off pathways would prevent any collateral affect." Major " ground spills of 25 bbls or more of crude oil or condensate, and 100 bbls or more of salt water that does not reach a watercourse and/or a ground spill of one bbl or more of oil/condensate or 25 bbls or more of salt water that does reach a watercourse have a "Immediate notification" (As soon as possible) to the district office of the Division district followed by a written report (subsequent notification) within ten days after discovery. "Minor" ground spills of between 5 and 25 bbls of crude oil/condensate, or 25 bbls but less than 100 bbls of salt water of which none reaches a watercourse shall be of a " Subsequent notification" which shall be a complete written report submitted to the District office of the division district within 10 days after discovery.

KELLY MACLASKEY OILFIELD SERVICES INC.

DISCHARGE PLAN AND APPLICATION

(PAGE 4 OF 5)

12. Geological/ Hydrological Site Characteristics:

- A. There are no permanent surface water features located within 1 mile radius of the site.

(12-A.- Terra Dynamics, Pool report)

- B. Water wells located within 1 mile includes the following.

(12-B.- State Engineers Office, Roswell report)

ENCLOSED PHOTOCOPIED PRINTOUT (EXHIBIT 12-B)

- C. Depth to ground water is approx. 52.08 ft.

(State Engineer's Office Report Exhibit 12-C)

- C-1. Total dissolved solids concentration in mg/l of ground water were found to be well within water standards per random test.

(C-1.-Conducted and verbally communicated by the local Hobbs OCD District Office.)

- D. 1. Soil type approx. 3" to 6" Of Kimbrough loam on top of tight caliche.

2. Aquifer is the Ogallala Aquifer

KELLY MACLASKEY OILFIELD SERVICES INC.

DISCHARGE AND APPLICATION

(PAGE 5 OF 5)

Site Characteristics continued;

3. Aquifer Composition material is water sandstone
4. Depth to rock at base of alluvium is 160 ft.
(EXHIBIT 12-C State Engineer's Office, Roswell report)
- E. 1. Flooding potential at discharge site is nil.
(No flooding in facility during September 15, 1995
when received 14 inches of precipitation in 48 hours.)
2. Flood protection measures not applicable.

PREPARED BY AND HERE BY CERTIFIED THAT THE INFORMATION SUBMITTED
WITH THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY
KNOWLEDGE AND BELIEF.

NAME:

KELLY L. MACLASKEY

TITLE:

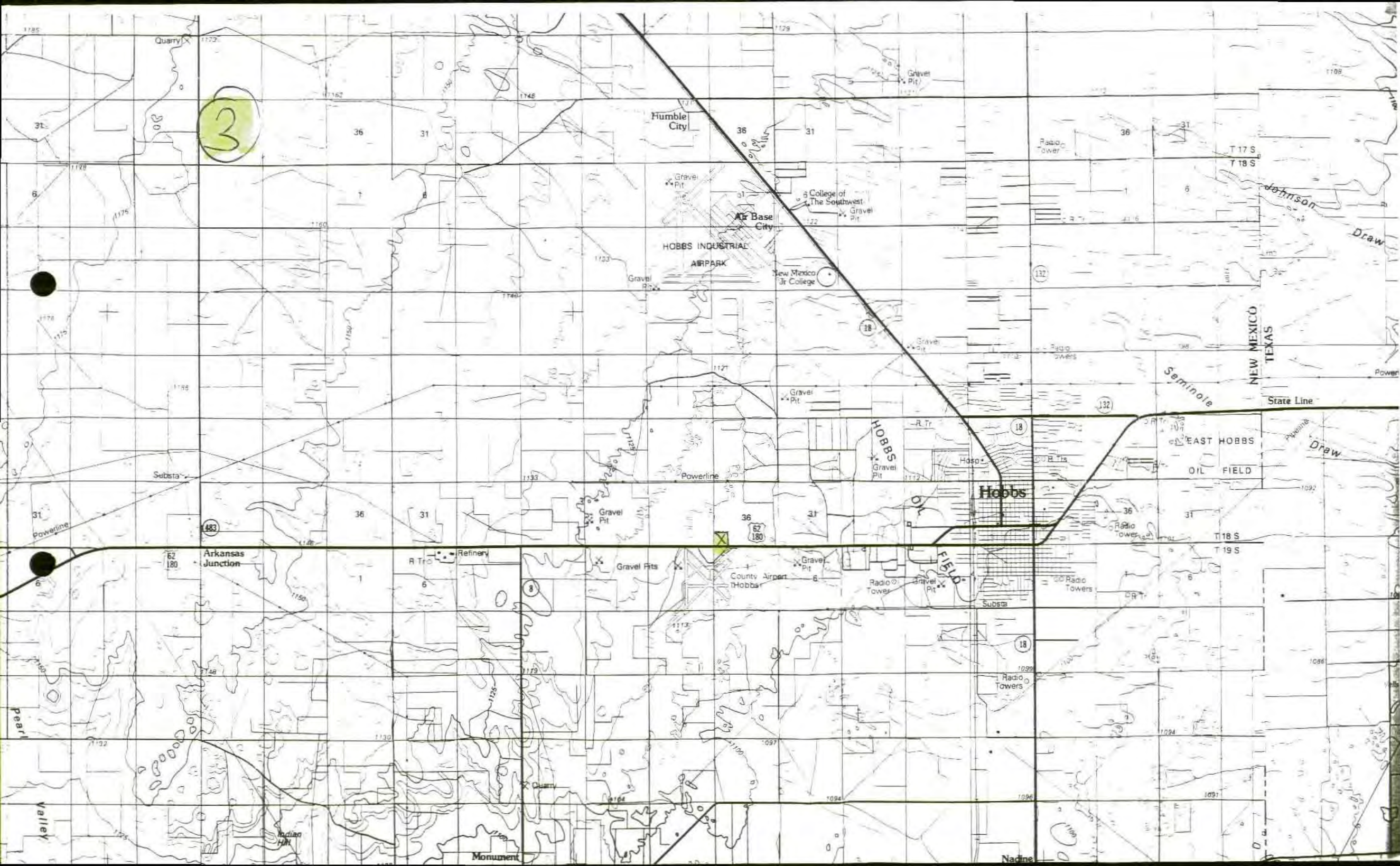
PRESIDENT

SIGNATURE:

Kelly L. MacLashy

DATE:

1-22-96



62-180 Highway

5-A

S
E - ↓ - W
N

Fence

"NOT TO SCALE"

Asphalt
Belongs
to PAVE
Lot

Gravel
Lot

ASPHALT
PARKING LOT

OFFICE

5208'
WATER
WELL

1000 GAL
USED ON
SADDLE TANK

SOAP WATER
Sump

SHOP

Propane
SADDLE TANK

#2 DIESEL
SADDLE TANK

SEPTIC
TANK

Gravel
Lot

BERM

LEADER FEED

SECONDARY
CONTAINERS
CHEMICAL
SADDLE
TANKS

By
Kelly Macloskey

Fence

ORANGE TANKS

BRINE OIL

MUD
OIL



STATE OF
NEW MEXICO



STATE
ENGINEER
OFFICE

JOHNNY R. HERNANDEZ
BRAIN SUPERVISOR

1900 WEST SECOND STREET
ROSWELL, NEW MEXICO 88201
PHONE: (505) 622-6521

12°C

Depth to Water in the
following locations:

Below Land Surface
18.37.35, (NW⁴NW⁴) 29.38 feet
18.37.36, (SW⁴SW⁴) 52.08 feet
19.37.1, (NE⁴NE⁴) 54.05 feet
19.37.2, (NE⁴NE⁴) 25.71 feet

Base of the Ogallala

± 160 feet below land surface

✓ Depth to Water (SW⁴SW⁴) 36.18S. 37E.
Year 1986 — 52.08' Below Land Surface



P.O. BOX 683
Brownfield, Tx 79316



CUSTOMER INVOICE

33697

**E P A MANIFEST RECORD
NON-HAZARDOUS
WASTE MANIFEST**

8-B

**PAY FROM THIS
INVOICE**

Please print or type

GENERATOR'S MAILING ADDRESS

PICK-UP LOCATION

ACCOUNT

MacIsaac Rd

NO: _____

Hubbs NM

P.O. NO. _____

Hubbs NM

EPA ID
NO. _____

GENERATOR'S PHONE NO. *(505) 397-1111*

DESCRIPTION OF NON-HAZARDOUS WASTE:

Type of Waste (Include US DOT Shipping Name, Hazard Class, and ID Number, if applicable)	QUANTITY	Type QTY*	Unit Cost	Total Cost
NON-HAZARDOUS USED OIL	<i>1000</i>	<i>G</i>	<i>1.16</i>	
NON-HAZARDOUS USED OIL FILTERS				
USED ANTI-FREEZE				

*G=Gallons, P=Pounds; T=Tons; D=Drums

TOTAL CHARGE \$

Additional Descriptions of Materials, if necessary

Special Handling Instructions and Additional Information

GENERATOR CERTIFICATION: I hereby declare that the contents of this consignment are full and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations.

Print Name of Generator	Signature of Generator	MO.	DAY	YR.
<i>Gene...</i>	<i>...</i>	<i>1</i>	<i>11</i>	<i>96</i>

DESIGNATED FACILITY: TRANSPORTER, STORER AND TREATOR OF MATERIALS

TNRCC ACTIVITY REG NO 85129

E & E ENTERPRISES

Phone: (806) 637 9336

US EPA ID NO TXD 982 75 6868

P.O. Box 683

1-800-658-2137

TNRCC FACILITY REG NO 41398

Brownfield, TX 79316

(TWC: (512) 463 7727)

TX RR NO 000013747C

Transporter Acknowledgement of Receipt of Materials

Print Name of Hauler	Signature of Hauler	MO.	DAY	YR.
<i>Robert Gonzalez</i>	<i>Robert Gonzalez</i>	<i>1</i>	<i>11</i>	<i>96</i>

Discrepancy Space

Facility Certification of Receipt of Materials Covered by this Manifest (except as noted above)

Print Name of Facility Operator	Signature of Facility Operator	MO.	DAY	YR.

12-B

7867	L	04920	S2	L	04920	03	24	1971	PNT	DOM	185	37E	36	1213	185	37E	36	0776	58	PHILLIPS COMPT CO	0.00	3.00	0
7870	L	02104				03	24	1973	PNT	DOM	185	37E	36	112	185	37E	36	0764	58	BACKLE DRILLING CO	0.00	0.00	0
7871	L	04920	S2	L	04920	03	24	1971	PNT	MUN	185	37E	36	1213	185	37E	36	0776	58	EUNICE CITY OF	0.00	0.00	0
7872	L	03551				06	12	1957	PNT	DOM	185	37E	36	122	185	37E	36	0964	58	DONNELL DRG CO	0.00	0.00	0
7873	L	04920	S3	L	04920	08	09	1979	PNT	MUN	185	37E	36	143	218	37E	00	1179	58	EUNICE CITY OF	0.00	0.00	0
7874	L	08599				11	16	1981	PNT	DOM	185	37E	36	234	185	37E	36	1181	58	RYLAND T M	0.00	3.00	0
7875	L	04920		L	04920	06	14	1962	PNT	MUN	185	37E	36	240	185	37E	36	1064	58	EUNICE CITY OF	0.00	800.00	800
7876	L	03260				07	22	1956	PNT	DOM	185	37E	36	242	185	37E	36	0864	58	AMERADA PET CORP	0.00	0.00	0
7877	L	08581				10	28	1981	PNT	DOM	185	37E	36	32	185	37E	36	1081	58	WILLIAMS JACK	0.00	3.00	0
11882	L	09635				03	04	1985	PNT	DOM	185	37E	36	33	185	37E	36	0385	58	POOL WELL SERVICING	0.00	3.00	0
7878	L	08669				02	17	1982	PNT	DTC	185	37E	36	333	185	37E	36	0282	58	H & M RENTAL TOOLS	0.00	3.00	0
7879	L	04943				07	26	1962	DOM	MOT	185	37E	36	334	185	37E	36	1064	58	WISE RALPH B	0.00	0.00	0
7880	L	02251		L	02251	06	12	1951	LIC	COM	185	37E	36	341	185	37E	36	1094	58	BOYD ENTERPRISES & L SEMPLE	0.00	276.70	277
7881	L	02622				09	02	1954	PNT	DOM	185	37E	36	341	185	37E	36	0764	58	HUGHES J DON	0.00	3.00	0
7882	L	00000				00	00	1900		BPM	185	37E	36	341	185	37E	36	1279	58		0.00	0.00	0
7883	L	02251	E	L	02251	11	01	1963	LIC	COM	185	37E	36	341	185	37E	36	1094	58	BOYD ENTERPRISES & L SEMPLE	0.00	244.90	245
7884	L	08433				02	24	1981	PNT	DOM	185	37E	36	342	185	37E	36	0281	58	HUGHES GARY	0.00	3.00	0
12901	L	10350				08	27	1993	PNT	D&S SHA	185	37E	36	34213	185	37E	36	1093	58	MILD SIGN COMPANY	0.00	3.00	0 METER REPORTS DUE ANNUAL
7885	L	08476				05	20	1981	PNT	DTC	185	37E	36	3432	185	37E	36	0581	58	ACID ENGINEERING	0.00	3.00	0
7886	L	07693				05	04	1977	PNT	DTC	185	37E	36	3433	185	37E	36	0577	58	LEAND BEARINGS	0.00	3.00	0
7887	L	04920	I	L	04920	06	14	1962	PNT	MUN	185	37E	36	420	185	37E	36	1064	58	EUNICE CITY OF	0.00	800.00	800
7888	L	06700				07	17	1970	PNT	DOM	185	37E	36	432	185	37E	36	0771	58	LONG PRESTON	0.00	3.00	0
12863	L	10320				04	07	1993	PNT	DOM SHA	185	37E	36	4321	185	37E	36	0493	58	VILLELA ARTURO	0.00	3.00	0
7889	L	06360				07	17	1968	PNT	DOM	185	37E	36	434	185	37E	36	1068	58	STEMNIS FRANK	0.00	3.00	0
12067	L	09805				03	06	1986	PNT	DOM	185	37E	36	434	185	37E	36	0386	58	ERWIN RALPH E	0.00	3.00	0
7890	L	08610				11	30	1981	PNT	DOM	185	37E	36	4422	185	37E	36	0884	58	DAVIS BOB	0.00	3.00	0
11862	L	09633				04	15	1985	PNT	D&S	185	37E	36	443	185	37E	36	0485	58	CLUB TESTERS	0.00	3.00	0
7891	L	08481				06	01	1981	PNT	DTC	185	37E	36	444	185	37E	36	0681	58	DAVIS TROY	0.00	3.00	0
7892	L	02945				04	04	1953	LIC	COM	185	37E	36	047	185	37E	36	0864	58	CUNNINGHAM GRADY L	07.00	207.00	160

Acct#	SED File#	File#	No	Day	Yr	Status	USC	185	37E	32	212*	185	37E	31	0664	58	Owner/UP	WTR	WTR	WTR
7842	L 01473 S	L 01473	06	23	1952	LIC	TRR	185	37E	32	212*	185	37E	31	0664	58	LINAM VIRGIL ESTATE	0.00	0.00	0
7843	L 01473	L 01473	02	24	1953	LIC	TRR	185	37E	32	2121	185	37E	32	0988	58	LINAM VIRGIL ESTATE	37.20	111.60	93 WTR. RGTS. UNDER L2009 RE
MUR. L1473 & BELL L2009 RETURN TO L1473S																				
7844	L 02968		08	25	1953	PMT	NDT	185	37E	32	323	185	37E	32	0864	58	HUMBLE OIL & ET AL	0.00	0.00	0
7845	L 02648		09	17	1954	PMT	DOM	185	37E	33	332	185	37E	33	0764	58	VIRGIL LINAM EST	0.00	3.00	0
7846	L 07255		07	24	1974	PMT	DOM	185	37E	33	4000	185	37E	33		58	COX E W	0.00	3.00	0
7847	L 03190		05	04	1956	PMT	OWD	185	37E	33	440	185	37E	33	0864	58	MAKIN DRG CO	0.00	0.00	0
7848	L 07023		11	20	1972	PMT	HCM	185	37E	33	4400	185	37E	33		58	M R STATE HWY DEPT	0.00	3.00	0
12939	L 10376		02	09	1994	PMT	DOM SHA	185	37E	34	2	185	37E	34	0294	58	LUCK HOLLIS A	0.00	3.00	0
7849	L 06653	L	03	11	1970	PMT	DOM	185	37E	34	220	185	37E	34	0771	58	SHIRLEY E E	0.00	3.00	0
7850	L 06655	L	03	11	1970	PMT	DOM	185	37E	34	220	185	37E	34	0771	58	COCHRAN WAYNE A	0.00	3.00	0
7851	L 03316		05	01	1957	PMT	OWD	185	37E	34	330	185	37E	34	0964	58	CACTUS DRG CO	0.00	0.00	0
7852	L 03080		01	12	1956	LIC	TRR	185	37E	35	111	185	37E	35	0864	58	KLEIN E H	59.00	177.00	147
7853	L 08012		11	28	1978	PMT	DOM	185	37E	35	140	185	37E	35	1178	58	ROGERS L R	0.00	3.00	0
7854	L 02122		04	01	1953	CAN	NDT	185	37E	35	210	185	37E	35	0764	58	HARRY G HUSTON EST	0.00	0.00	0
7855	L 09331		07	19	1984	PMT	DOM	185	37E	35	233	185	37E	35	0884	58	LARRY SHED COMPANY	0.00	3.00	0
7856	L 08846		06	17	1982	PMT	DOM	185	37E	35	3	185	37E	35	0682	58	SHED LARRY	0.00	3.00	0
7857	L 08097		06	14	1979	PMT	DOM	185	37E	35	310	185	37E	35	0884	58	KLEIN HARRY	0.00	3.00	0
7858	L 03081		01	12	1956	PMT	DOM	185	37E	35	344	185	37E	35	0864	58	KLEIN E H	0.00	3.00	0
7859	L 07723		07	13	1977	PMT	DOM	185	37E	35	344	185	37E	35	0777	58	KLEIN RANCH	0.00	3.00	0
11863	L 09654		04	15	1985	PMT	D&S	185	37E	35	4	185	37E	35	0485	58	NALCO CHEMICAL COMPANY	0.00	3.00	0
7860	L 08027		01	24	1979	PMT	DOM	185	37E	35	410	185	37E	35	0179	58	RICHARDS P L	0.00	3.00	0
7861	L 08011		11	17	1978	PMT	DOM	185	37E	35	410	185	37E	35	1178	58	ROGERS L R	0.00	3.00	0
7862	L 09465		04	19	1984	PMT	DOM	185	37E	35	411	185	37E	35	0484	58	CARTER DONN	0.00	3.00	0
7863	L 09005		10	29	1982	PMT	DOM	185	37E	35	411	185	37E	35	1082	58	SHED LARRY	0.00	3.00	0
7864	L 08014		12	06	1978	PMT	DOM	185	37E	35	411	185	37E	35	1278	58	RICHARDS WILBUR D	0.00	3.00	0
7865	L 04245	L 02122 A	08	21	1959	LIC	TRR	185	37E	35	424	185	37E	35	0589	58	DINSMORE JAMES W & JEAN	54.99	164.97	138
7866	L 04245 A		08	21	1959	LIC	TRR	185	37E	35	424	185	37E	35	1079	58	PHILLIPS DON LAND	0.00	3.00	0
11853	L 09572		10	15	1984	PMT	D&S	185	37E	35	431	185	37E	35	1084	58	M R STATE HIGHWAY DEPARTMENT	0.00	3.00	0
12740	L 10028		09	23	1988	PMT	DOM SHA	185	37E	35	4310	185	37E	35	1189	58	ROGERS DON	0.00	3.00	0

EE-281-TD
Printed 01-10-1994

E MULSON KKK
MATERIAL SAFETY DATA SHEET

Page 1

AQUANOX^(R) EB-8268

CAUTION CODE 2-3-0

"AQUANOX" is a registered trademark of Baker Performance Chemicals Incorporated
MSDS ID: 781TDF

1 - SECTION I - IDENTITY

BAKER PERFORMANCE CHEMICALS, INC.
A Baker Hughes Company
3920 ESSEX LANE, P.O. BOX 27714
HOUSTON, TX 77227-7714

EMERGENCY TELEPHONE NUMBERS:
CHEMTREC: 1-800-424-9300
800-231-3606
TELEPHONE NUMBER FOR INFORMATION:
713-599-7400

CHEMICAL NAME: Chemical Identity
Is A Trade Secret

CHEMICAL FAMILY: Proprietary

2 - SECTION II - REGULATORY CLASSIFICATION

ENVIRONMENTAL

RQ= 107 Gallons
(Naphthalene)
TPQ= None

SARA S313: Yes
Naphthalene <12%

OCCUPATIONAL

OSHA Non-Hazardous: NA

OSHA Hazardous: Yes

X Acute
NA Chronic
X Fire
NA Pressure
NA Reactive

TRANSPORTATION

Not Regulated: NA

Regulated: Yes
Flammable Liquid,
N.O.S., (Contains
Isopropanol), 3,
UN 1993, III

The components of this product are listed on the TSCA inventory.

3 - SECTION III - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS #	PEL(OSHA)*			TLV(ACGIH)*		MFG* REC
		TWA	STEL	A/L	TWA	STEL	
Aromatic Hydrocarbon Mixture (Proprietary)	64741-67-9	None Established					
Naphthalene (<u><12%</u>)	91-20-3	10	15		10	15	
Isopropanol (<u><3%</u>)	67-63-0	400	500		400	500	

*ppm unless otherwise indicated; (C) denotes ceiling limit

4 - SECTION IV - PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity @60F: 0.927
(H2O=1)

pH:
5% of Product: 4.52

Density (lbs/gallon): 7.721

Viscosity (Method): Not Determined

Vapor Density (Air=1): > 1

Appearance and Odor: Clear brown liquid
with aromatic odor

Solubility: Not Determined

Stability: Stable

Freezing Point: Not Determined

Pour Point: -48F

Flash Point (Method): 84.2F (TCC)

Percent Organic Compounds: Not Determined

AQUANOX^(R) EB-8268**CAUTION CODE 2-3-0**

"AQUANOX" is a registered trademark of Baker Performance Chemicals Incorporated
MSDS ID: 781TDF

4 - SECTION IV - PHYSICAL & CHEMICAL PROPERTIES (continued)

Boiling Point: Not Determined

Conditions to Avoid: Oxidizers; heat
sparks, or open flame

Vapor Pressure: 0.858 psia (Reid)

Haz. Decomp. Prod: Carbon monoxide; oxides of nitrogen; oxides of sulfur

Hazardous Polymerization: Will not occur

FIRE CONTROL PROCEDURES: Use foam, dry chemical, CO₂, water fog or spray.
Do not enter a fire area without proper protective equipment, including
NIOSH/MSHA approved, self-contained breathing apparatus. Cool exposed
containers with water spray. Avoid vapors.

FIRE HAZARDS:

Material is flammable.

Vapors are heavier than air and may travel along ground to ignition source
and flash back.

Never use welding or cutting torch on or near drums, even when empty.

Explosion may result.

5 - SECTION V - HEALTH HAZARDS

EFFECTS OF OVEREXPOSURE:

INHALATION: Inhalation of high levels of vapors or mists may cause
lightheadedness, dizziness, headaches or unconsciousness.

EYE CONTACT: Eye contact may cause irritation and redness.

SKIN CONTACT: Prolonged or repeated contact with skin may cause irritation
or contact dermatitis.

INGESTION: May be harmful if ingested.

OTHER INFORMATION:

Prolonged or repeated exposure to this aromatic hydrocarbon
mixture can cause central nervous system effects and irritation to the eyes,
skin, and respiratory tract. Frequent skin contact can remove skin oils,
resulting in dermatitis.

Isopropanol, a component of this product is of low toxicity,
regardless of route. The TLV is set on the basis of eye, nose and throat
irritation; accordingly, skin absorption of isopropanol is not expected to
contribute significantly to systemic toxicity or to the irritation effects
caused by the vapor.

Naphthalene is found in this product as a contaminant of the solvent
system. It has been reported that continued exposure to naphthalene in humans
at concentrations above 15ppm may result in optical neuritis, corneal injuries
as well as lens opacities. Overexposure to high concentration of vapors may
cause liver and kidney damage.

Naphthalene Toxicity Data:

Orl - Rat - LD50 = 1250 mg/kg Skn-Rabbit = 495 mg/24 h

Skn - Rbt = 495 mg/24h

Eye - Rbt = 100 mg Mild Irritation

TARGET ORGANS (29 CFR 1910.1200-APPENDIX A):

Eye Hazard

Cutaneous Hazard (Skin)

6 - SECTION VI - EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: Flush eyes immediately with large amounts of water for at
least 15 minutes. Call a physician if irritation persists.

AQUANOX_(R) EB-8268**CAUTION CODE 2-3-0**

"AQUANOX" is a registered trademark of Baker Performance Chemicals Incorporated
MSDS ID: 781TDF

6 - SECTION VI - EMERGENCY & FIRST AID PROCEDURES (continued)

INHALATION: Remove to fresh air. If labored breathing continues, contact a physician.

SKIN CONTACT: Remove contaminated clothes. Wash skin thoroughly with mild soap and water. Launder clothes before reuse.

INGESTION: If swallowed, call a physician immediately. ONLY induce vomiting at the instructions of a physician. Never give anything by mouth to an unconscious person.

7 - SECTION VII - PROTECTIVE EQUIPMENT RECOMMENDATIONS

VENTILATION: The use of mechanical ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated. Where engineering controls are not feasible, assure use is in an area where there is natural air movement.

Under normal operating conditions, no excursions above the regulated (recommended) exposure levels should occur. However, if used at elevated temperatures, lower atmospheric pressure (high altitudes) or any other physical conditions that may increase the inhalation exposure, respiratory protective equipment as described below, should be worn. Also, due to individual susceptibility and sensitivity, before respirators are used, a full medical evaluation should be performed per 29 CFR 1910.134(b)(10).

RESPIRATORY**CHEMICAL RESISTANT
APPAREL****EYE/FACE**

X As Needed

Air Supplied (SCBA)

X Air Purifying

X Full Face Piece

Half Face Piece

X Cartridge or Canister

Acid Gas

X Organic Vapor

Ammonia

X Gloves

Clothing

Boots

X Goggles

Full Face Shield

A thorough review of the job task (job safety analysis) by a competent safety professional should be conducted to determine the appropriate level of protection. See 29 CFR 1910, Subpart I and 29 CFR 1910.133 for further information.

8 - SECTION VIII - SPILL & LEAK PROCEDURES

Don appropriate protective clothing and respiratory protection prior to entering a spill/leak area. Eliminate ignition sources. Approach area upwind if possible. Shut off leak if it can be done safely. Dike and pump large spills into salvage containers. Soak up residue and small spills with absorbent clay, sand, or dirt and place in salvage containers. If RQ (reportable quantity) is exceeded, report to National Spill Response Office 1-800-424-8802. Also, in some jurisdictions, spills or leaks of any hazardous materials are reportable--consult local lead agencies for further information. Continue to observe precautions.

WASTE DISPOSAL METHOD(S): Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures and processes may change the classification to non-hazardous, or hazardous for reasons other than, or in addition to product characteristics. Dispose of all waste and/or containers in accordance with federal, state and local regulations.

CAUTION CODE 2-3-0

"AQUANOX" is a registered trademark of Baker Performance Chemicals Incorporated
MSDS ID: 781TDF

8 - SECTION VIII - SPILL & LEAK PROCEDURES (continued)

Avoid inhalation of vapors or mists. Do not get in eyes, on skin or on clothing. Keep container closed when not in use. Wear suitable protection for eyes and skin when handling. Use with adequate ventilation. Avoid contact with oxidizers. Store in well-ventilated area. Store in cool, dry area. Control ignition source; keep away from heat, sparks and open flame.

The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.

This MSDS was prepared and is to be used for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

By: Anita Wright Date: 3/4/93 Supersedes: New
Regulatory Information Specialist

SCALE
CORROSION INHIBITOR

Printed 08-03-1995

MATERIAL SAFETY DATA SHEET

Page 1

CALNOX_(R) SI-4006

Caution Code 1-1-0

"CALNOX" is a registered trademark of Baker Performance Chemicals Incorporated.
MSDS ID: CAS1670

1 -

SECTION I - IDENTITY

BAKER PERFORMANCE CHEMICALS, INC.
A Baker Hughes Company
3920 ESSEX LANE, P.O. BOX 27714
HOUSTON, TX 77227-7714

EMERGENCY TELEPHONE NUMBERS:
CHEMTREC: 1-800-424-9300
800-231-3606
TELEPHONE NUMBER FOR INFORMATION:
713-599-7400

CHEMICAL NAME: Chemical Identity
Is A Trade Secret

CHEMICAL FAMILY: Proprietary

2 -

SECTION II - REGULATORY CLASSIFICATION

ENVIRONMENTAL

RQ= None

TPQ= None

SARA 5313: No

OCCUPATIONAL

OSHA Non-Hazardous: Yes

OSHA Hazardous: No

NA Acute

NA Chronic

NA Fire

NA Pressure

NA Reactive

TRANSPORTATION

Not Regulated: Yes

Regulated: No

The components of this product are listed on the TSCA inventory.

3 -

SECTION III - HAZARDOUS INGREDIENTS

This product contains no listed hazardous ingredients by 29 CFR 1910.1200 regulations. However, good industrial hygiene practices should still be used with this product.

4 -

SECTION IV - PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity 860F: 1.079
(H2O=1)

pH: 6.3 (Neat)
5% of Product:

Density (lbs/gallon): 8.992

Viscosity (Method): Not Determined

Vapor Density (Air=1): >1

Appearance and Odor: Amber liquid with
slight sweet odor.

Solubility: Water soluble

Stability: Stable

Freezing Point: Not Determined

Pour Point: 31F

Flash Point (Method): >200F (TCC)

Percent Organic Compounds: Proprietary

Boiling Point: Not Determined

Conditions to Avoid: Oxidizers; heat
sparks, or open flame

Vapor Pressure: Not Determined

Haz. Decomp. Prod: Carbon monoxide; oxides of nitrogen

Hazardous Polymerization: Will not occur

FIRE CONTROL PROCEDURES: Use foam, dry chemical, CO2, water fog or spray.
Do not enter a fire area without proper protective equipment, including

CALNOX(R) SI-4006**Caution Code 1-1-0**

"CALNOX" is a registered trademark of Baker Performance Chemicals Incorporated
MSDS ID: CAS1670

4 - SECTION IV - PHYSICAL & CHEMICAL PROPERTIES (continued)

NIOSH/MSHA approved, self-contained breathing apparatus. Cool exposed containers with water spray. Avoid vapors.

FIRE HAZARDS:

No unusual fire hazards; material is not flammable and/or combustible.

5 - SECTION V - HEALTH HAZARDS

EFFECTS OF OVEREXPOSURE:

INHALATION: Prolonged or excessive inhalation may cause respiratory tract irritation.

EYE CONTACT: Heavy exposure may cause irritation of the eyes.

SKIN CONTACT: Prolonged or repeated exposure may cause skin irritation.

INGESTION: Substance may be harmful if swallowed.

TARGET ORGANS (29 CFR 1910.1200-APPENDIX A):

Eye Hazard

Cutaneous Hazard (Skin)

6 - SECTION VI - EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

SKIN CONTACT: Remove all contaminated clothing, flush skin with water for 10 minutes. Afterwards, wash the affected area with soap and water and then rinse.

INGESTION: Do not induce vomiting, seek medical attention immediately.

7 - SECTION VII - PROTECTIVE EQUIPMENT RECOMMENDATIONS

VENTILATION: The use of mechanical ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated. Where engineering controls are not feasible, assure use is in an area where there is natural air movement.

Under normal operating conditions, no excursions above the regulated (recommended) exposure levels should occur. However, if used at elevated temperatures, lower atmospheric pressure (high altitudes) or any other physical conditions that may increase the inhalation exposure, respiratory protective equipment as described below, should be worn. Also, due to individual susceptibility and sensitivity, before respirators are used, a full medical evaluation should be performed per 29 CFR 1910.134(b)(10).

RESPIRATORY**CHEMICAL RESISTANT
APPAREL****EYE/FACE**

X As Needed
Air Supplied (SCBA)
X Air Purifying
X Full Face Piece
Half Face Piece
X Cartridge or Canister
Acid Gas
X Organic Vapor

X Gloves
Clothing
Boots

X Goggles
Full Face Shield

Printed 08-03-1995

MATERIAL SAFETY DATA SHEET

Page 3

CALNOX_(R) SI-4006

Caution Code 1-1-0

"CALNOX" is a registered trademark of Baker Performance Chemicals Incorporated
MSDS ID: CAS1670

7 - SECTION VII - PROTECTIVE EQUIPMENT RECOMMENDATIONS (continued)

Ammonia

A thorough review of the job task (job safety analysis) by a competent safety professional should be conducted to determine the appropriate level of protection. See 29 CFR 1910, Subpart I and 29 CFR 1910.133 for further information.

8 - SECTION VIII - SPILL & LEAK PROCEDURES

Don appropriate protective clothing and respiratory protection prior to entering a spill/leak area. Eliminate ignition sources. Approach area upwind if possible. Shut off leak if it can be done safely. Dike and pump large spills into salvage containers. Soak up residue and small spills with absorbent clay, sand, or dirt and place in salvage containers. If RQ (reportable quantity) is exceeded, report to National Spill Response Office 1-800-424-8802. Also, in some jurisdictions, spills or leaks of any hazardous materials are reportable--consult local lead agencies for further information. Continue to observe precautions.

WASTE DISPOSAL METHOD(S): Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures and processes may change the classification to non-hazardous, or hazardous for reasons other than, or in addition to product characteristics. Dispose of all waste and/or containers in accordance with federal, state and local regulations.

REQUIREMENTS FOR TRANSPORTATION, HANDLING AND STORAGE: Transport, handle and store in accordance with OSHA Regulation 1910.106 and applicable DOT regulations.

Avoid inhalation of vapors or mists. Do not get in eyes, on skin or on clothing. Keep container closed when not in use. Wear suitable protection for eyes and skin when handling. Use with adequate ventilation. Avoid contact with oxidizers. Store in well-ventilated area. Store in cool, dry area.

NOTE: The information on this MSDS is based on data which is considered to be accurate. BPCI, however, makes no guarantees or warranty, either expressed or implied of the accuracy or completeness of this information.

The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.

This MSDS was prepared and is to be used for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

By: Anita Wright
Regulatory Information Specialist II

Date: 9/5/94 Supercedes: 6/30/94

9/5/94 - Updated with revised formulation.

Printed 03-14-1995

Page 1

AQUASURF_(R) SF-3041**Caution Code 3-1-0**

"AQUASURF" is a registered trademark of Baker Performance Chemicals Incorporated
MSDS ID: 3420017

1 - SECTION I - IDENTITY

BAKER PERFORMANCE CHEMICALS, INC.
A Baker Hughes Company
3920 ESSEX LANE, P.O. BOX 27714
HOUSTON, TX 77227-7714

EMERGENCY TELEPHONE NUMBERS:
CHEMTREC: 1-800-424-9300
800-231-3606
TELEPHONE NUMBER FOR INFORMATION:
713-599-7400

CHEMICAL NAME: Complex Mixture

CHEMICAL FAMILY: Proprietary

2 - SECTION II - REGULATORY CLASSIFICATION

ENVIRONMENTAL

RQ= 1.20 Gallons
(2-Butoxyethanol)
TPQ= None

SARA S313: Yes
2-Butoxyethanol <6%

OCCUPATIONAL

OSHA Non-Hazardous: No

OSHA Hazardous: Yes

X Acute
X Chronic
NA Fire
NA Pressure
NA Reactive

TRANSPORTATION

Not Regulated: No

Regulated: Yes
Corrosive Liquid,
N.O.S., (Contains
Dodecylbenzenesulfonic
Acid), 8, UN 1760, III

2-Butoxyethanol, as a glycol ether, has a CERCLA statutory RQ = 1 lb.

The components of this product are listed on the TSCA inventory.

3 - SECTION III - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS #	PEL(OSHA)*			TLV(ACGIH)*		MFG* REC, TWA
		TWA	STEL	A/L	TWA	STEL	
2-butoxyethanol (Skin) (<6%)	111-76-2	25			25		
Dodecylbenzenesulfonic acid (<3%)	27176-87-0				NONE PUBLISHED		

*ppm unless otherwise indicated; (C) denotes ceiling limit

4 - SECTION IV - PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity @60F: 1.67
(H2O=1)

pH:
5% of Product: 12.4 - 13.0

Density (lbs/gallon): 13.9

Viscosity (Method): Not Determined

Vapor Density (Air=1): >1

Appearance and Odor: Clear red colored
liquid with mild odor.

Solubility in Water: Soluble

Stability: Stable

Freezing Point: Not Determined

Pour Point: Not Determined

Flash Point (Method): >200F (TCC)

Percent Organic Compound: Not Determined

AQUASURF^(R) SF-3041**Caution Code 3-1-0**

"AQUASURF" is a registered trademark of Baker Performance Chemicals Incorporated
MSDS ID: 3420017

4 - SECTION IV - PHYSICAL & CHEMICAL PROPERTIES (continued)

Boiling Point: Not Determined Conditions to Avoid: Oxidizers; heat
sparks, or open flame

Vapor Pressure: Not Determined

Haz. Decomp. Prod.: Carbon monoxide

Hazardous Polymerization: Will not occur

FIRE CONTROL PROCEDURES: Use foam, dry chemical, CO₂, water fog or spray.
Do not enter a fire area without proper protective equipment, including
NIOSH/MSHA approved, self-contained breathing apparatus. Cool exposed
containers with water spray. Avoid vapors.

FIRE HAZARDS:

No unusual fire hazards; material is not flammable and/or combustible.

5 - SECTION V - HEALTH HAZARDS

EFFECTS OF OVEREXPOSURE:

INHALATION: Prolonged or excessive inhalation may cause respiratory tract
irritation.

EYE CONTACT: Corrosive, contact causes severe eye burns and possible
permanent tissue damage.

SKIN CONTACT: Substance is corrosive. Causes severe skin burns.

INGESTION: Corrosive and may cause severe and permanent damage to mouth,
throat and stomach.

OTHER INFORMATION:

2-butoxyethanol is primarily absorbed through the skin. This exposure
may result in the absorption of potentially harmful amounts which can cause
damage to the kidneys, liver and bone marrow. It is also highly irritating
to the mucous membranes and upper respiratory tract, and exposure may cause
headaches, nausea, dizziness and vomiting.

2-butoxyethanol Toxicity:

Oral - Rat - LD50 = 470 mg/kg

Oral - Rbt - LD50 = 320 mg/kg

Dermal - Rbt - LD50 = 220 mg/kg

Inh - Mus - LC50 = 700 ppm/7H

Hmn TCLO = 195 ppm/8H

Inh - Rat - LC50 = 450 ppm/4H

Dodecylbenzenesulfonic acid (DDBSA) is a severe irritant to the eyes and
skin. When mixed with water, DDBSA becomes corrosive and contact may cause
tissue damage. It is moderately toxic by ingestion and vapors may be
irritating.

DDBSA Toxicity:

Oral - Rat - 1260 mg/kg

Oral - Mus 2000 mg/kg

Inv. - Mus - 105 mg/kg

Skn - Rbt - 500 mg/24H Moderate

Eye - Rbt - 250 ug/24H Severe

TARGET ORGANS (29 CFR 1910.1200-APPENDIX A):

Eye Hazard

Cutaneous Hazard (Skin)

Hepatotoxin (Liver)

Nephrotoxin (Kidney)

Pulmonary Agent (Lungs)

6 - SECTION VI - EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: Immediately flush with plenty of water. After initial flushing,
remove any contact lenses and continue flushing for at least 15 minutes. Have

AQUASURF_(R) SF-3041**Caution Code 3-1-0**

"AQUASURF" is a registered trademark of Baker Performance Chemicals Incorporated
MSDS ID: 3420017

6 - SECTION VI - EMERGENCY & FIRST AID PROCEDURES (continued)

eyes examined and tested by medical personnel.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

SKIN CONTACT: Immediately flush with large amounts of water. Use soap if available. Remove contaminated clothing, including shoes, after flushing has begun. Get prompt medical attention.

INGESTION: Do not induce vomiting, seek medical attention immediately.

7 - SECTION VII - PROTECTIVE EQUIPMENT RECOMMENDATIONS

VENTILATION: The use of mechanical ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated. Where engineering controls are not feasible, assure use is in an area where there is natural air movement.

RESPIRATORY	CHEMICAL RESISTANT APPAREL	EYE/FACE
X As Needed	X PV Alcohol Gloves	Chemical Splash
Air Supplied (SCBA)	X Saranex/Acid Suit	Goggles
X Air Purifying	X Neoprene Boots	X Full Face Shield
X Full Face Piece		
Half Face Piece		
X Cartridge or Cannister		
Acid Gas		
X Organic Vapor		
Ammonia		

Under normal operating conditions, no excursions above the regulated (recommended) exposure levels should occur. However, if used at elevated temperatures, lower atmospheric pressure (high altitudes) or any other physical conditions that may increase the inhalation exposure, respiratory protective equipment as described above, should be worn. Also, due to individual susceptibility and sensitivity, before respirators are used, a full medical evaluation should be performed per 29 CFR 1910.134(b)(10).

A thorough review of the job task (job safety analysis) by a competent safety professional should be conducted to determine the appropriate level of protection. See 29 CFR 1910, Subpart I and 29 CFR 1910.133 for further information.

8 - SECTION VIII - SPILL & LEAK PROCEDURES

Don appropriate protective clothing and respiratory protection prior to entering a spill/leak area. Eliminate ignition sources. Approach area upwind if possible. Shut off leak if it can be done safely. Dike and pump large spills into salvage containers. Soak up residue and small spills with absorbent clay, sand, or dirt and place in salvage containers. If RQ (reportable quantity) is exceeded, report to National Spill Response Office 1-800-424-8802. Also, in some jurisdictions, spills or leaks of any hazardous materials are reportable--consult local lead agencies for further information. Continue to observe precautions.

WASTE DISPOSAL METHOD(S): Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures and processes may change the classification to non-hazardous, or hazardous for reasons other than, or in addition to product characteristics.

AQUASURF_(R) SF-3041

Caution Code 3-1-0

"AQUASURF" is a registered trademark of Baker Performance Chemicals Incorporated
MSDS ID: 3420017

8 - SECTION VIII - SPILL & LEAK PROCEDURES (continued)

Dispose of all waste and/or containers in accordance with federal, state and local regulations.

REQUIREMENTS FOR TRANSPORTATION, HANDLING AND STORAGE: Transport, handle and store in accordance with OSHA Regulation 1910.106 and applicable DOT regulations.

Avoid inhalation of vapors or mists. Do not get in eyes, on skin or on clothing. Keep container closed when not in use. Wear suitable protection for eyes and skin when handling. Use with adequate ventilation. Avoid contact with oxidizers. Store in well-ventilated area. Store in cool, dry area.

NOTE: The information on this MSDS is based on data which is considered to be accurate. BPCI, however, makes no guarantees or warranty, either expressed or implied of the accuracy or completeness of this information.

The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.

This MSDS was prepared and is to be used for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

By: Anita Wright
Regulatory Information Specialist II

Date: 1/3/95 Supercedes: 7/6/93

1/3/95 - Updated MSDS.

MATERIAL SAFETY DATA SHEET

ESSENTIALLY SIMILAR TO FORM OSHA 174
PRODUCT IDENTITY: NEUTRA-CLA-FGW

KCL

I. SUPPLIER

BBC International, Inc.
P. O. Box 297
Hobbs, NM 88241
(505) 397-6388 Fax (505) 397-0397

II. HAZARDOUS INGREDIENTS

Supplier Notification	Cas #	PEL (OSHA)	TLV (ACGIH)
Material		N/D	N/D
NEUTRA-CLA-FGW		400 ppm	400 ppm
Isopropyl Alcohol	67-63-0	N/D	N/D
Silicone		Lowest known lethal dose information	
Material	Cas #	LD 50 (Oral)	400 mg/kg (RATS)
NEUTRA-CLA-FGW		LD 50 (Oral)	5840 mg/kg (RATS)
Isopropyl Alcohol	67-63-0	200 ppm (Skin)	200 ppm (Skin)
Methanol	67-56-1		

HAZARD RATING

Health: 2 FLAMMABILITY: 3 REACTIVITY: 0 Personal Protection - See Supervisor
SARA Title III Section 311/312 Acute Health Fire Hazard
DOT SHIPPING NAME: Compound Cleaning, Liquid (NA1993)

III. PHYSICAL DATA

BOILING RANGE: 63 63 100°C / 147 147 212°F (= End point) 100°C/212°F
GRAVITY @ 68°F:
SPECIFIC GRAVITY (Water = 1) .887
POUNDS/GALLON: 7.385
WATER ABSORPTION: COMPLETE
ACID ABSORPTION: COMPLETE
DRY TIME (Ether = 1) LONG
APPEARANCE: LIQUID, STRAW, LIGHT AMBER
ODOR: ALCOHOL
FREEZE POINT: -40°C / -40°F

IV. FIRE & EXPLOSION HAZARDS

FLASH POINT (TEST METHOD): 12°C/53°F (TCC) (Lowest Component)
FLAMMABILITY CLASSIFICATION: class 1 B

EXTINGUISHING MEDIA : NFPA Class B extinguishers (CO2 or foam)
: for class 1 B liquid fires.

SPECIAL FIRE FIGHTING PROCEDURES : Water spray may be ineffective on fire but can protect
: fire fighters & cool closed containers.
: Use fog nozzles if water is used. Do not enter confined

PROI T IDENTITY: NEUTRA-CLA-FGW

: fire-space without full bunker gear. (Helmet with face
: shield, bunker coats, gloves & rubber boots.
: 29 CFR 1918.134, Use NIOSH approved positive-pressure
: self-contained breathing.

UNUSUAL EXPLOSION AND FIRE

: FLAMMABLE!! Keep container tightly closed. Isolate
: from oxidizers, heat, sparks, electric equipment & open
: flame. Closed containers may explode if exposed to
: extreme heat.

PROCEDURES

: Applying to hot surfaces requires special precautions.
: Empty container very hazardous! Continue all label
: precautions!

V. HEALTH EFFECT DATA

THRESHOLD LIMIT VALUE PREVENTION OF OVER-EXPOSURE

: Not Applicable.
: Use only with adequate ventilation. Avoid breathing of
: vapor or spray mist.
: Avoid contact with skin & eyes.

ORGANIC EFFECTS OF ACUTE OVER-EXPOSURE

: INHALING: Anesthetic. Irritates respiratory tract.
: Can cause serious nervous system depression.
: Repeated exposure over TLV can cause blindness.
: EYE & SKIN CONTACT: Primary irritation to skin,
: defatting, dermatitis. Primary irritation to eyes,
: redness, tearing, blurred vision.
: SWALLOWING: Can be fatal or cause blindness if
: swallowed - cannot be made non-poisonous. Swallowing
: can cause abdominal irritation, nausea, vomiting and
: diarrhea. May be fatal. Burning pain in mouth, throat,
: abdomen, severe swelling of larynx, skeletal muscle
: paralysis affecting ability to breathe, circulatory
: shock, convulsions.

ORGANIC EFFECTS OF CHRONIC OVER-EXPOSURE

: Vapor harmful. Breathing vapor can cause irritation.
: Can cause damage to kidneys, blood, nerves, liver, &
: lungs.
: Repeated exposure over TLV can cause blindness.
: EYE & SKIN CONTACT: Liquid can cause eye irritation.
: Wash thoroughly after handling.
: Absorption through skin may be harmful.
: Studies with laboratory animals indicate this product
: can cause damage to fetus.

CANCER HAZARD

: This product has no carcinogens listed by IARC, NTP, : NIOSH, C
: OR ACGIH, as of this date, greater or equal
: to 8.14.

CONDITIONS AGGRAVATED

: Persons with severe skin, liver or kidney problems
: should avoid use.

EMERGENCY & FIRST AID

: In case of contact with skin, flush with plenty of
: water. For eyes, flush with plenty of water for 15
: minutes & get medical attention. After high vapor
: exposure, remove to fresh air. If breathing is
: difficult give oxygen. If breathing has stopped give
: artificial respiration.

: * POISON *
: X CALL A PHYSICIAN X

PRODUCT IDENTITY: NEUTRA-CLA-FGW

- : If SWALLOWED: Induce vomiting promptly following physician's instructions or by having patient stick finger down throat. After vomiting has been induced, give two teaspoonsful of baking soda in a glass of water.
- : Never give anything by mouth to an unconscious person.
- : Have patient lie down & keep warm. Cover eyes to exclude light.
- : Drink promptly a large amount of milk, egg whites, gelatin solution, or water. Avoid alcohol.
- : If swallowed, CALL A PHYSICIAN IMMEDIATELY. Do NOT induce vomiting.
- : Have patient lie down & keep warm. Vomiting may lead to severe damage to esophagus which may be fatal.
- : NOTE TO PHYSICIAN: Probably mucosal damage may contraindicate use of gastric lavage.
- : Measures against circulatory shock, respiratory depression and convulsions may be needed.

VI. REACTIVITY DATA

- STABILITY : Stable.
- CONDITIONS TO AVOID : Isolate from oxidizers, heat, sparks, electric equipment & open flame.
- MATERIALS TO AVOID : Isolate from strong oxidizers such as permanganates, chroates & peroxides.
- HAZARDOUS DECOMPOSITION PRODUCTS : Carbon Monoxide, Carbon Dioxide
: Nitrogen Oxide vapors from burning.

VII. SAFE HANDLING & USE PRECAUTIONS

- SPILL OR LEAK PROCEDURES : Stop spill at source. Dike area & contain. Pump spilled liquid & put contaminated soil in DOT approved containers for disposal. Label immediately.
: Clean up remainder with absorbent materials.
- WATER DISPOSAL METHOD : Dispose of waste by legal methods complying with local, state and federal regulations.
: If questions exist, contact the appropriate agencies.
- OTHER PRECAUTIONS : Do not store about 52°C/140°F.
: Store large amounts in structures made for OSHA Class 1 B liquids.
: Avoid free fall of liquid.
: Ground containers when transferring. Do not flame cut, saw, drill, braze or weld.
: Empty container very hazardous! Continue all label precautions!

VIII. CONTROL MEASURES

- RESPIRATORY PROTECTION (SPECIFY TYPES) : Ventilate to keep vapors of this material below 115 ppm. If over TLV, in accordance with 29 CFR 1910.134, use NIOSH approved positive-pressure, self-contained breathing apparatus. Consult Safety Equipment Supplier.
: Use explosion-proof equipment.

PRODUCT IDENTITY: NEUTRA-CLA-FGW

VIII. CONTROL MEASURES

VENTILATION

: LOCAL EXHAUST: Necessary MECHANICAL (GENERAL):
: Acceptable SPECIAL: None OTHER: None

PROTECTIVE CLOTHING

: Wear OSHA Standard goggles or face shield. Consult
: Safety Equipment Supplier.
: Wear gloves, apron & footwear impervious to this
: material. Wash clothing before reuse.

NOTICE

disclaims all expressed or implied warranties of merchantability or fitness for a particular purpose, with respect to the product or information provided herein.

All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.

REVISED DATE: AUGUST, 1992

Kelly
Macclary

UAKSOL

MINERAL SPIRITS 66

CONTAINS PETROLEUM DISTILLATES

55 GALLONS

CAUTION!

COMBUSTIBLE LIQUID AND VAPOR.
MAY CAUSE EYE AND SKIN IRRITATION.
MAY CAUSE RESPIRATORY TRACT IRRITATION.
MAY BE HARMFUL IF INHALED
MAY BE HARMFUL IF SWALLOWED.

BEFORE USING THIS PRODUCT, READ
THE MATERIAL SAFETY DATA SHEET!

KEEP AWAY FROM HEAT AND FLAME.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.
KEEP CONTAINER CLOSED.
USE WITH ADEQUATE VENTILATION.
WASH THOROUGHLY AFTER HANDLING.
DO NOT TRANSFER TO UNLABELED CONTAINERS.

FIRST AID:

IN CASE OF CONTACT: FOR EYES, IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. CALL A PHYSICIAN. FOR SKIN, FLUSH WITH WATER. WASH CLOTHING BEFORE REUSE.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN.

IF SWALLOWED CALL A PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

IN CASE OF FIRE:

USE FOAM, CARBON DIOXIDE, DRY CHEMICAL, OR WATER FOG OR SPRAY.

DANGER

AFTER THIS CONTAINER HAS BEEN EMPTIED IT MAY CONTAIN EXPLOSIVE AND HARMFUL VAPORS AND RESIDUE. KEEP AWAY FROM HEAT, SPARKS, AND FLAMES! DO NOT CUT, PUNCTURE, OR WELD ON OR NEAR THIS CONTAINER. DO NOT RE-USE CONTAINER FOR ANY PURPOSE UNTIL COMMERCIALY CLEANED.



SPILLS OR LEAKS:

ELIMINATE ALL SOURCES OF IGNITION.

SMALL SPILL — SOAK UP WITH ABSORBENT MATERIAL AND SCOOP INTO DRUMS.

LARGE SPILL — DIKE AND PUMP INTO DRUMS. PREVENT MATERIAL FROM ENTERING DRAINS, SEWERS, OR WATERWAYS.

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

FOR HELP IN A CHEMICAL EMERGENCY, CALL CHEMTREC — (800) 424-9300.

FOR INDUSTRIAL USE ONLY



CHEMCENTRAL/00ESSA

105 PRONTO
00ESSA, TX. 79760
915-367-6087

D-204
Printed 01-10-1994TANK BOTTOM
MATERIAL SAFETY DATA SHEET

Page 1

AQUANOX_(R) EB-8088**Caution Code 3-2-0**

"AQUANOX" is a registered trademark of Baker Performance Chemicals Incorporated
MSDS ID: D704F

1 - SECTION I - IDENTITY

BAKER PERFORMANCE CHEMICALS, INC.
A Baker Hughes Company
3920 ESSEX LANE, P.O. BOX 27714
HOUSTON, TX 77227-7714

EMERGENCY TELEPHONE NUMBERS:
CHEMTREC: 1-800-424-9300
800-231-3606
TELEPHONE NUMBER FOR INFORMATION:
713-599-7400

CHEMICAL NAME: Chemical Identity
Is A Trade Secret

CHEMICAL FAMILY: Proprietary

2 - SECTION II - REGULATORY CLASSIFICATION

ENVIRONMENTAL

RQ= 1.54 Gallons
(Cyclohexylamine)
TPQ= None

SARA S313: Yes
Naphthalene <5%
Sulfuric Acid <3%

OCCUPATIONAL

OSHA Non-Hazardous: NA

OSHA Hazardous: Yes
X Acute
X Chronic
X Fire
NA Pressure
NA Reactive

TRANSPORTATION

Not Regulated: NA

Regulated: Yes
Flammable Liquid,
N.O.S., (Contains
Cyclohexylamine,
Naphthalene), 3,
UN 1993, III

The components of this product are listed on the TSCA inventory.

3 - SECTION III - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS #	PEL(OSHA)*			TLV(ACGIH)*		MFG* REC
		TWA	STEL	A/L	TWA	STEL	
Aromatic Hydrocarbon Mixture (<65%)	64741-67-9	None Established					
Cyclohexylamine (<8%)	108-91-8	10			10		
Dodecylbenzenesulfonic acid (<8%)	27176-87-0	NONE PUBLISHED					
Naphthalene (<8%)	91-20-3	10	15		10	15	
Sulfuric acid (<3%)	7664-93-9	1mg/m3			1mg/m3	3mg/m3	

*ppm unless otherwise indicated; (C) denotes ceiling limit

4 - SECTION IV - PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity @60F: 0.973
(H2O=1)

pH:
5% of Product: 2.25

Density (lbs/gallon): 8.103

Viscosity (Method): Not Determined

Vapor Density (Air=1): > 1

Appearance and Odor: Opaque dark brown
liquid with no distinct odor

AQUANOX_(R) EB-8088**Caution Code 3-2-0**

"AQUANOX" is a registered trademark of Baker Performance Chemicals Incorporated
MSDS ID: D704F

4 - SECTION IV - PHYSICAL & CHEMICAL PROPERTIES (continued)

Solubility: Insoluble in water Stability: Stable
Freezing Point: Not Determined Pour Point: Not Determined
Flash Point (Method): 113F Percent Organic Compounds: Not Determined
Boiling Point: Not Determined Conditions to Avoid: Oxidizers; heat
Vapor Pressure: <.30 psia (Reid) sparks, or open flame
Haz. Decomp. Prod: Carbon monoxide; oxides of nitrogen; oxides of sulfur
Hazardous Polymerization: Will not occur

FIRE CONTROL PROCEDURES: Use foam, dry chemical, CO₂, water fog or spray.
Do not enter a fire area without proper protective equipment, including
NIOSH/MSHA approved, self-contained breathing apparatus. Cool exposed
containers with water spray. Avoid vapors.

FIRE HAZARDS:

Material is flammable.
Vapors are heavier than air and may travel along ground to ignition source
and flash back.
Never use welding or cutting torch on or near drums, even when empty.
Explosion may result.

5 - SECTION V - HEALTH HAZARDS

EFFECTS OF OVEREXPOSURE:

INHALATION: Inhalation of high levels of vapors or mists may cause
lightheadedness, dizziness, headaches or unconsciousness.
EYE CONTACT: Eye contact may cause irritation and redness.
SKIN CONTACT: Prolonged or repeated contact with skin may cause irritation
or contact dermatitis.
INGESTION: May be harmful if ingested.

OTHER INFORMATION:

Prolonged or repeated exposure to this aromatic hydrocarbon
mixture can cause central nervous system effects and irritation to the eyes,
skin, and respiratory tract. Frequent skin contact can remove skin oils,
resulting in dermatitis.

Cyclohexylamine is toxic by ingestion, inhalation and skin absorption.
Contact with vapors may cause severe irritation of the eyes and respiratory
tract. Contact with liquid may cause severe eye and skin irritation or burns.
Exposure to high concentrations may cause dizziness and loss of consciousness.
Ingestion may cause severe gastric distress and vomiting.

Cyclohexylamine Toxicity:

Skn - Hmn = 125 mg/48H SEV
Orl - Rat - LD₅₀ = 156 mg/kg
Skn - Rbt - LD_{Lo} = 500 mg/kg

Dodecylbenzenesulfonic acid (DDBSA) is a severe irritant to the eyes and
skin. When mixed with water, DDBSA becomes corrosive and contact may cause
tissue damage. It is moderately toxic by ingestion and vapors may be
irritating.

DDBSA Toxicity:

Oral - Rat - 1260 mg/kg Oral - Mus 2000 mg/kg
Inv. - Mus - 105 mg/kg Skn - Rbt - 500 mg/24H Moderate
Eye - Rbt - 250 ug/24H Severe

Naphthalene is found in this product as a contaminant of the solvent
system. It has been reported that continued exposure to naphthalene in humans
at concentrations above 15ppm may result in optical neuritis, corneal injuries

AQUANOX_(R) EB-8088**Caution Code 3-2-0**

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MSDS ID: D704F

5 -

SECTION V - HEALTH HAZARDS (continued)

as well as lens opacities. Overexposure to high concentration of vapors may cause liver and kidney damage.

Naphthalene Toxicity Data:

Orl - Rat - LD50 = 1250 mg/kg Skn-Rabbit = 495 mg/24 h

Skn - Rbt = 495 mg/24H

Eye - Rbt = 100 mg Mild Irritation

Sulfuric acid can cause burning and charring of the skin, as a result of its great affinity for, and strong exothermic reaction with water. Acid mist exposure causes irritation of the mucous membranes, including the eye, but principally the respiratory tract. The mist also causes etching of dental enamel followed by erosion. Breathing of high concentrations causes tickling in the nose and throat, sneezing and coughing.

Sulfuric Acid Toxicity Data:

Inh - Hmn - TCLO = 3mg/m³/24W

Orl - Rat - LD50 = 2140 mg/kg

Inh - Rat - LC50 = 510 mg/m³/2H

Inh - Mus - LC50 = 320 mg/m³/2H

Inh - Gpg - LC50 = 18 mg/m³

Irritation Data:

Eye - Rbt = 1380 ug - Severe

This product results from a reaction involving ethylene oxide (EtO). Therefore, it may contain residual amounts of EtO (less than 0.1%) which can accumulate in the container headspace and be released to the ambient environment when opened. This release of EtO would tend to increase when the product is agitated during unloading or blending operations. The Occupational Safety and Health Administration (OSHA) has set the worker exposure level for EtO at 1 ppm (8-hour time weighted average). The STEL is 5 ppm (15 minutes). This standard regulates occupational exposure to EtO from sources including products containing residual EtO. It is the responsibility of the employer to comply with OSHA EtO Standard (29 CFR 1910.1047). The International Agency for Research on Cancer (IARC) has rated EtO as a "Probable human carcinogen (Group 2A); human evidence is limited; animal evidence is sufficient". The National Toxicological Program (NTP) has rated EtO as an "Anticipated Carcinogen". The OSHA action level TWA for EtO is 0.5 mg/m³. The OSHA excursion level is 5 ppm as averaged over a sampling period of 15 minutes.

EtO is a chemical known to the State of California to cause cancer and reproductive toxicity. EtO is regulated in California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65).

TARGET ORGANS (29 CFR 1910.1200-APPENDIX A):

Eye Hazard

Cutaneous Hazard (Skin)

Pulmonary Hazard (Lungs)

6 -

SECTION VI - EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: Flush eyes immediately with large amounts of water for at least 15 minutes. Call a physician if irritation persists.

INHALATION: Remove to fresh air. If labored breathing continues, contact a physician.

SKIN CONTACT: Remove contaminated clothes. Wash skin thoroughly with mild soap and water. Launder clothes before reuse.

INGESTION: If swallowed, call a physician immediately. ONLY induce vomiting at the instructions of a physician. Never give anything by mouth to an unconscious person.

AQUANOX_(R) EB-8088**Caution Code 3-2-0**

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MSDS ID: D704F

7 - SECTION VII - PROTECTIVE EQUIPMENT RECOMMENDATIONS

VENTILATION: The use of mechanical ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated. Where engineering controls are not feasible, assure use is in an area where there is natural air movement.

Under normal operating conditions, no excursions above the regulated (recommended) exposure levels should occur. However, if used at elevated temperatures, lower atmospheric pressure (high altitudes) or any other physical conditions that may increase the inhalation exposure, respiratory protective equipment as described below, should be worn. Also, due to individual susceptibility and sensitivity, before respirators are used, a full medical evaluation should be performed per 29 CFR 1910.134(b)(10).

RESPIRATORY	CHEMICAL RESISTANT APPAREL	EYE/FACE
X As Needed	X Gloves	X Goggles
Air Supplied (SCBA)	Clothing	Full Face Shield
X Air Purifying	Boots	
X Full Face Piece		
Half Face Piece		
X Cartridge or Cannister		
Acid Gas		
X Organic Vapor		
Ammonia		

A thorough review of the job task (job safety analysis) by a competent safety professional should be conducted to determine the appropriate level of protection. See 29 CFR 1910, Subpart I and 29 CFR 1910.133 for further information.

8 - SECTION VIII - SPILL & LEAK PROCEDURES

Don appropriate protective clothing and respiratory protection prior to entering a spill/leak area. Eliminate ignition sources. Approach area upwind if possible. Shut off leak if it can be done safely. Dike and pump large spills into salvage containers. Soak up residue and small spills with absorbent clay, sand, or dirt and place in salvage containers. If RQ (reportable quantity) is exceeded, report to National Spill Response Office 1-800-424-8802. Also, in some jurisdictions, spills or leaks of any hazardous materials are reportable--consult local lead agencies for further information. Continue to observe precautions.

WASTE DISPOSAL METHOD(S): Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures and processes may change the classification to non-hazardous, or hazardous for reasons other than, or in addition to product characteristics. Dispose of all waste and/or containers in accordance with federal, state and local regulations.

REQUIREMENTS FOR TRANSPORTATION, HANDLING AND STORAGE: Transport, handle and store in accordance with OSHA Regulation 1910.106 and applicable DOT regulations.

Avoid inhalation of vapors or mists. Do not get in eyes, on skin or on clothing. Keep container closed when not in use. Wear suitable protection for eyes and skin when handling. Use with adequate ventilation. Avoid contact with oxidizers. Store in well-ventilated area. Store in cool, dry area. Control ignition source; keep away from heat, sparks and open flame.

NOTE: The information on this MSDS is based on data which is considered to be accurate. BPCI, however, makes no guarantees or warranty, either expressed or implied of the accuracy or completeness of this information.

The conditions or methods of handling, storage, use and disposal of the

Printed 01-10-1994

MATERIAL SAFETY DATA SHEET

Page 5

AQUANOX_(R) EB-8088

Caution Code 3-2-0

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MSDS ID: D704F

8 - SECTION VIII - SPILL & LEAK PROCEDURES (continued)

product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.

This MSDS was prepared and is to be used for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

By: Anita Wright
Regulatory Information Specialist

Date: 10/28/93 Supersedes: 1/13/93

10/28/93 - Updated with revised HM-181 information

Printed 03-08-1995
CRONOX_(R) CT-9018

MATERIAL SAFETY DATA SHEET

Page 1

Caution Code 2-2-0

"NOX" is a registered trademark of Baker Performance Chemicals Incorporated
S ID: C116F

1 - SECTION I - IDENTITY

BAKER PERFORMANCE CHEMICALS, INC.
A Baker Hughes Company
3920 ESSEX LANE, P.O. BOX 27714
HOUSTON, TX 77227-7714

EMERGENCY TELEPHONE NUMBERS:
CHEMTREC: 1-800-424-9300
800-231-3606
TELEPHONE NUMBER FOR INFORMATION:
713-599-7400

CHEMICAL NAME: Chemical Identity
Is A Trade Secret

CHEMICAL FAMILY: Proprietary

2 - SECTION II - REGULATORY CLASSIFICATION

ENVIRONMENTAL

RQ= 183 Gallons
(Naphthalene)
TPQ= None

SARA S313: Yes
Naphthalene <7%

OCCUPATIONAL

OSHA Non-Hazardous: NA

OSHA Hazardous: Yes

X Acute
X Chronic
X Fire
NA Pressure
NA Reactive

TRANSPORTATION

Not Regulated: NA

Regulated: Yes
Combustible Liquid,
N.O.S., (Contains
Aromatic Hydrocarbon
Mixture), Combustible,
NA 1993, III

The components of this product are listed on the TSCA inventory.

SECTION III - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS #	PEL(OSHA)*			TLV(ACGIH)*		MFG* REC, TWA
		TWA	STEL	A/L	TWA	STEL	
Aromatic Hydrocarbon Mixture (Proprietary)	64741-67-9	None Established					
Naphthalene (<7%)	91-20-3	10	15		10	15	

*ppm unless otherwise indicated; (C) denotes ceiling limit

4 - SECTION IV - PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity @60F: 0.9336
(H2O=1)

pH:
5% of Product: 7.90

Density (lbs/gallon): 7.78

Viscosity (Method): Not Determined

Vapor Density (Air=1): > 1

Appearance and Odor: Opaque, dark brown
liquid

Solubility: Not Determined

Stability: Stable

Freezing Point: Not Determined

Pour Point: Not Determined

Flash Point (Method): 141.8F

Percent Organic Compounds: Not Determined

Boiling Point: Not Determined

Conditions to Avoid: Oxidizers; heat
sparks, or open flame

CRONOX^(R) CT-9018

ution Code 2-2-0

"NOX" is a registered trademark of Baker Performance Chemicals Incorporated
MSDS ID: C116F

4 - SECTION IV - PHYSICAL & CHEMICAL PROPERTIES (continued)

Vapor Pressure: Not Determined

Haz. Decomp. Prod: Carbon monoxide; oxides of nitrogen; oxides of sulfur

Hazardous Polymerization: Will not occur

FIRE CONTROL PROCEDURES: Use foam, dry chemical, CO₂, water fog or spray.
Do not enter a fire area without proper protective equipment, including
NIOSH/MSHA approved, self-contained breathing apparatus. Cool exposed
containers with water spray. Avoid vapors.

FIRE HAZARDS:

Flammable Liquid. Can release vapors that form explosive mixtures at
temperatures at or above the flash point.

Vapors can travel to source of ignition and flash back.

Never use welding or cutting torch on or near drums, even when empty.

Explosion may result.

5 - SECTION V - HEALTH HAZARDS

EFFECTS OF OVEREXPOSURE:

INHALATION: Inhalation of high levels of vapors or mists may cause
lightheadedness, dizziness, headaches or unconsciousness.

EYE CONTACT: Eye contact may cause irritation and redness.

SKIN CONTACT: Prolonged or repeated contact with skin may cause irritation
or contact dermatitis.

INGESTION: May be harmful if ingested.

OTHER INFORMATION:

Prolonged or repeated exposure to this aromatic hydrocarbon
mixture can cause central nervous system effects and irritation to the eyes,
skin, and respiratory tract. Frequent skin contact can remove skin oils,
resulting in dermatitis.

Naphthalene is found in this product as a contaminant of the solvent
system. It has been reported that continued exposure to naphthalene in humans
at concentrations above 15ppm may result in optical neuritis, corneal injuries
as well as lens opacities. Overexposure to high concentration of vapors may
cause liver and kidney damage.

Naphthalene Toxicity Data:

Orl - Rat LD50 = 490 mg/kg (RTECS)

Skn - Rat LD50 = >2,500 mg/kg (RTECS)

Skn - Rbt LD50 = >20 gm/kg (RTECS)

Irritation

Open Draize Test

Rabbit Skin: 495 mg open (time not given) - Reaction: Mild (RTECS)

Standard Draize Test

Rabbit Eye: 100 mg (time not given) - Reaction: Mild (RTECS)

TARGET ORGANS (29 CFR 1910.1200-APPENDIX A):

Eye Hazard

Cutaneous Hazard (Skin)

Pulmonary Agent (Lungs)

6 - SECTION VI - EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: Flush eyes immediately with large amounts of water for at
least 15 minutes. Call a physician if irritation persists.

CRONOX^(R) CT-9018**ution Code 2-2-0**

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MSDS ID: C116F

6 - SECTION VI - EMERGENCY & FIRST AID PROCEDURES (continued)

INHALATION: Remove to fresh air. If labored breathing continues, contact a physician.

SKIN CONTACT: Remove contaminated clothes. Wash skin thoroughly with mild soap and water. Launder clothes before reuse.

INGESTION: If swallowed, call a physician immediately. ONLY induce vomiting at the instructions of a physician. Never give anything by mouth to an unconscious person.

7 - SECTION VII - PROTECTIVE EQUIPMENT RECOMMENDATIONS

VENTILATION: The use of mechanical ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated. Where engineering controls are not feasible, assure use is in an area where there is natural air movement.

Under normal operating conditions, no excursions above the regulated (recommended) exposure levels should occur. However, if used at elevated temperatures, lower atmospheric pressure (high altitudes) or any other physical conditions that may increase the inhalation exposure, respiratory protective equipment as described below, should be worn. Also, due to individual susceptibility and sensitivity, before respirators are used, a full medical evaluation should be performed per 29 CFR 1910.134(b)(10).

RESPIRATORY	CHEMICAL RESISTANT APPAREL	EYE/FACE
X As Needed	X Gloves	X Goggles
Air Supplied (SCBA)	Clothing	Full Face Shield
X Air Purifying	Boots	
X Full Face Piece		
Half Face Piece		
X Cartridge or Canister		
Acid Gas		
X Organic Vapor		
Ammonia		

A thorough review of the job task (job safety analysis) by a competent safety professional should be conducted to determine the appropriate level of protection. See 29 CFR 1910, Subpart I and 29 CFR 1910.133 for further information.

8 - SECTION VIII - SPILL & LEAK PROCEDURES

Don appropriate protective clothing and respiratory protection prior to entering a spill/leak area. Eliminate ignition sources. Approach area upwind if possible. Shut off leak if it can be done safely. Dike and pump large spills into salvage containers. Soak up residue and small spills with absorbent clay, sand, or dirt and place in salvage containers. If RQ (reportable quantity) is exceeded, report to National Spill Response Office 1-800-424-8802. Also, in some jurisdictions, spills or leaks of any hazardous materials are reportable--consult local lead agencies for further information. Continue to observe precautions.

WASTE DISPOSAL METHOD(S): Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures and processes may change the classification to non-hazardous, or hazardous for reasons other than, or in addition to product characteristics. Dispose of all waste and/or containers in accordance with federal, state and

CRONOX_(R) CT-9018

ution Code 2-2-0

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MSDS ID: C116F

8. - SECTION VIII - SPILL & LEAK PROCEDURES (continued)

local regulations.

REQUIREMENTS FOR TRANSPORTATION, HANDLING AND STORAGE: Transport, handle and store in accordance with OSHA Regulation 1910.106 and applicable DOT regulations.

Avoid inhalation of vapors or mists. Do not get in eyes, on skin or on clothing. Keep container closed when not in use. Wear suitable protection for eyes and skin when handling. Use with adequate ventilation. Avoid contact with oxidizers. Store in well-ventilated area. Store in cool, dry area. Control ignition source; keep away from heat, sparks and open flame.

NOTE: The information on this MSDS is based on data which is considered to be accurate. BPCI, however, makes no guarantees or warranty, either expressed or implied of the accuracy or completeness of this information.

The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.

This MSDS was prepared and is to be used for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

By: Anita Wright Date: 10/13/93 Supersedes: 5/7/93
Regulatory Information Specialist

10/13/93 - Removed the expiration date

MATERIAL SAFETY DATA SHEET



(505) 393 5217 or (505) 392-3531

3114 LOVINGTON HIGHWAY

H0805 N. M. 88240

SECTION I

PRODUCT IDENTIFICATION

Product Name: Jet Wash #850
Product Class: Liquid detergent

SECTION III

PHYSICAL DATA

Appearance and odor:
red liquid
Specific Gravity: NA
Percent Volatiles:
(by weight): NA
Freezing Point: 32F
Phosphorus: 12.53

SECTION II

HAZARDOUS INGREDIENTS

%

TLV

PPM

MG/M3

ALKALINE PHOSPHATES
ALKALINE CARBONATES
ALKALINE SILICATES

SECTION IV

FIRE AND EXPLOSION DATA

EXTINGUISHING MEDIA:
AS APPROPRIATE FOR MATERIALS IN SURROUNDING FIRE.

LEL

SPECIAL FIRE FIGHTING PROCEDURES: NONE

FLASH POINT:
NON-FLAMMABLE

SECTION V

HEALTH HAZARD DATA

EMERGENCY AND FIRST AID PRECAUTIONS:

IF EYES ARE CONTACTED, FLUSH WITH WATER FOR AT LEAST 15 MINUTES. FORCIBLY HOLD EYELIDS APART TO ENSURE COMPLETE IRRIGATION OF ALL EYE AND LID TISSUE. IN CASE OF SKIN CONTACT, FLUSH SKIN WITH WATER. REMOVE CONTAMINATED CLOTHING AND SHOES AND WASH BEFORE REUSE. IF SWALLOWED AND PERSON IS CONSCIOUS, IMMEDIATELY ADMINISTER LARGE QUANTITIES OF WATER. DO NOT INDUCE VOMITING. IN ALL CASES, SEEK MEDICAL ATTENTION IMMEDIATELY.

EFFECTS OF OVEREXPOSURE:

REPEATED EXPOSURE OR EXPOSURE TO LARGE AMOUNTS MAY CAUSE IRRITATION OF THE EYES, SKIN, RESPIRATORY TRACT OR MUCOUS MEMBRANES. INGESTION OF LARGE AMOUNTS MAY CAUSE GASTROINTESTINAL UPSET, SYSTEMIC ACIDOSIS, HYPOCALCEMIA, SLOWED PULSE, DECREASED BLOOD PRESSURE, CYANOSIS AND COMA.

MATERIAL SAFETY DATA SHEET

JET-FLO EQUIP. (505) 392-3531

FORMULA #430

SECTION I: GENERAL INFORMATION

PRODUCT NAME: DNB-430
CHEMICAL NAME & SYNONYMS: CHEMICAL BLEND
CHEMICAL FAMILY: ALKALINE
FORMULA: PROPRIETARY BLEND

DATE PREPARED: 1-8-92
SUPERCEDES: 4-6-89
24-HOUR
EMERGENCY ASSISTANCE
CHEMTREC
800-424-9300

SECTION II: PHYSICAL DATA

pH (1% SOLUTION): 11.5
BOILING RANGE: 212 F
% VOLATILE BY VOLUME: 91%
APPEARANCE & ODOR: CLEAR RED LIQUID WITH A SLIGHT SOLVENT ODOR

SPECIFIC GRAVITY: 1.05
SOLUBILITY IN WATER: COMPLETE
EVAPORATION RATE (WATER=1): LESS THAN 1

SECTION III: HAZARDOUS INGREDIENTS

PRINCIPAL HAZARDOUS COMPOUNDS	PERCENT	THRESHOLD LIMIT VALUE (UNITS)
SODIUM HYDROXIDE	LESS THAN 5%	2 MG/CUBIC METER
ALKYL ARYL POLYETHOXY ALCOHOL	LESS THAN 5%	NOT EST. (SEVERE EYE IRRITANT)
2-BUTOXYETHANOL	LESS THAN 5%	25 PPM (SKIN)

SECTION IV: FIRE & EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD): DOES NOT FLASH
FLAMMABILITY LIMITS: NA
EXTINGUISHING MEDIA: NA
SPECIAL FIRE FIGHTING PROCEDURES: NA

FIRE AND EXPLOSION HAZARDS: NONE

SECTION V: HEALTH HAZARD DATA

ACGIH THRESHOLD LIMIT VALUE: NOT ESTABLISHED FOR MIXTURE
CARCINOGEN - NTP PROGRAM: NO
CARCINOGEN - IARC PROGRAM: NO

PRIMARY ROUTES OF ENTRY: CAUSES SEVERE EYE IRRITATION UPON DIRECT CONTACT. SKIN CONTACT CAN CAUSE IRRITATION AND BURNS IN SOME CASES. INHALATION OF HIGH MIST CONCENTRATIONS MAY BE IRRITATING TO NOSE AND THROAT. INGESTION MAY CAUSE BURNS TO MOUTH AND THROAT.

CHRONIC HEALTH HAZARDS: NONE KNOWN

EMERGENCY FIRST AID: EYES: FLUSH WITH WATER FOR 15 MINUTES AND CONSULT A PHYSICIAN IF IRRITATION PERSISTS.
SKIN: FLUSH THOROUGHLY WITH WATER.
INHALATION: REMOVE TO FRESH AIR. TREAT SYMPTOMATICALLY.
INGESTION: DO NOT INDUCE VOMITING. GIVE LARGE AMOUNTS OF WATER. IF AVAILABLE, ONE PART VINEGAR TO ONE PART WATER. CONSULT A PHYSICIAN.

MATERIAL SAFETY DATA SHEET
FORMULA #430

SECTION V: HEALTH HAZARD DATA (Cont'd)

SECTION 313 SUPPLIER NOTIFICATION

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR372:

CAS #	CHEMICAL NAME	PERCENT BY WEIGHT
NA	GLYCOL ETHERS	1.6%

SECTION VI: REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: NONE

MATERIAL TO AVOID: STRONG ACIDS

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN

SECTION VII: ENVIRONMENTAL PROTECTION

SPILL RESPONSE:

AVOID CONTACT WITH SKIN, EYES OR CLOTHES. WEAR PROTECTIVE EQUIPMENT. DIKE AND CONTAIN SPILLED MATERIAL. COLLECT LIQUID WITH AN INERT ABSORBENT AND TRANSFER TO A CONTAINER FOR REUSE OR DISPOSAL. FLUSH RESIDUE AWAY WITH LARGE QUANTITIES OF WATER. SMALL SPILLS MAY BE NEUTRALIZED WITH A DILUTE ACID AND FLUSHED TO A SANITARY SEWER.

WASTE DISPOSAL METHOD:

FOLLOW FEDERAL, STATE AND LOCAL REGULATIONS REGARDING HEALTH AND POLLUTION.

SECTION VIII: SPECIAL PROTECTION INFORMATION

EYE PROTECTION: CHEMICAL SAFETY GOGGLES

SKIN PROTECTION: RUBBER, PVC OR NEOPRENE GLOVES

RESPIRATORY PROTECTION: NONE REQUIRED UNDER NORMAL USE
VENTILATION RECOMMENDED: GENERAL

OTHER PROTECTION: AS NEEDED TO PREVENT SKIN CONTACT.

SECTION IX: SPECIAL PRECAUTIONS

HANDLING AND

STORAGE PRECAUTIONS:

CAUTION!!! ALKALINE LIQUID!!!

AVOID CONTACT WITH SKIN, EYES OR CLOTHING. AVOID BREATHING MIST. DO NOT TAKE INTERNALLY. WHEN HANDLING, WEAR RUBBER GLOVES, EYE GLASSES AND PROTECTIVE CLOTHING. IN CASE OF CONTACT, FLUSH SKIN AND/OR EYES WITH WATER FOR 15 MINUTES AND GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

OTHER PRECAUTIONS:

KEEP CLOSURES TIGHT AND UPRIGHT WHEN NOT USING PRODUCT. KEEP OUT OF REACH OF CHILDREN.

THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN COMPILED FROM OUR EXPERIENCE AND DATA PRESENTED IN VARIOUS TECHNICAL PUBLICATIONS. IT IS THE USER'S RESPONSIBILITY TO DETERMINE THE SUITABILITY OF THIS INFORMATION FOR THE ADOPTION OF SAFETY PRECAUTIONS AS MAY BE NECESSARY. WE RESERVE THE RIGHT TO REVISE MATERIAL SAFETY DATA SHEETS FROM TIME TO TIME AS NEW TECHNICAL INFORMATION BECOMES AVAILABLE. THE INFORMATION CONTAINED HEREIN IS FURNISHED WITHOUT WARRANTY OF ANY KIND.

SECTION

VI

REACTIVITY DATA

INCOMPATIBILITY:
(MATERIALS TO AVOID)

STABILITY:

STABLE



UNSTABLE



HAZARDOUS POLYMERIZATION:

MAY OCCUR



WILL NOT OCCUR



NONE

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

SECTION

VII

SPILL OR LEAK PROCEDURES

CLEAN UP ALL SPILLED PRODUCT AND THEN
FLUSH SPILL AREA WITH PLENTY OF WATER.

WASTE DISPOSAL METHOD:

SECTION

VIII

SPECIAL PROTECTION INFORMATION

EYE PROTECTION:

SAFETY GLASS WITH SIDE SHIELDS
OR CHEMICAL GOGGLES

RESPIRATORY PROTECTION:

NIOSH RESPIRATOR.

PROTECTIVE GLOVES:

RUBBER OR CANVAS TO MINIMIZE
SKIN CONTACT

VENTILATION:

GOOD GENERAL ROOM VENTILATION

OTHER PROTECTIVE EQUIPMENT:

EYE WASH FACILITY SHOULD BE IN CLOSE PROXIMITY

SECTION

IX

SPECIAL PRECAUTIONS

HANDLING AND STORAGE:

CAUTION!

KEEP CONTAINERS CLOSED AND STORE
IN A SAFE AREA

OTHER PRECAUTIONS:

AVOID SWALLOWING OR PROLONGED CONTACT
WITH CONCENTRATIONS WHICH MAY IRRITATE
EYES OR SKIN. CONTACT WILL NORMALLY
PRODUCE NO EFFECTS EXCEPT IN THE UNUSUAL
CASE. SUPP MAY BE SLIGHTLY IRRITATING
BY INHALATION AND SKIN OR EYE CONTACT.
INGESTION MAY CAUSE A LAXATIVE EFFECT.

SECTION

X

TRANSPORTATION

HAZARD CLASS: NA

Packaging:

1 gallon

5 gallon

55gallon

JET-FLO Products makes no warranty, representation or guaranty as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine handling and disposal of the product. Since actual use by others is beyond our control, no warranty, express or implied, is made by JET-FLO Chemical Products as to the effects of such use. The results to be obtained or the safety and toxicity of the product, nor does JET-FLO,

EMC OK

XD-3 EXTRA 15W-40

EXXON COMPANY, U.S.A.
A DIVISION OF EXXON CORPORATION

DATE ISSUED: 03/20/94
SUPERSEDES DATE: *****

MATERIAL SAFETY DATA SHEET

EXXON COMPANY, U.S.A. P.O. BOX 2180 HOUSTON, TX 77252-2180

A. IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT NAME
XD-3 EXTRA 15W-40

PRODUCT CODE
211715 - 01715

PRODUCT CATEGORY
Petroleum Lubricating Oil

PRODUCT APPEARANCE AND ODOR
Clear liquid, amber color
Mild, bland petroleum odor

MEDICAL EMERGENCY TELEPHONE NUMBER
(713) 656-3424

B. COMPONENTS AND HAZARD INFORMATION

COMPONENTS	CAS NO. OF COMPONENTS	APPROXIMATE CONCENTRATION
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	Greater than 78%
or	or	
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	
Proprietary additives	Mixture	Less than 22%

All components of this product are listed on the U.S. TSCA inventory.

See Section E for Health and Hazard Information.

See Section H for additional Environmental Information.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)

Health 1 Flammability 1 Reactivity 0

BASIS
Recommended by Exxon

EXPOSURE LIMIT FOR TOTAL PRODUCT
5 mg/m³ for oil mist (aerosol) for an 8-hour workday

BASIS
OSHA Regulation 29 CFR 1910.1000 and recommended by the American Conference of Governmental Industrial Hygienists (ACGIH). ACGIH states that the air is to be sampled by a method that does not collect vapor; in addition, it lists a 10 mg/m³ STEL.

C. PRIMARY ROUTES OF ENTRY AND EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT

If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

SKIN

In case of skin contact, remove any contaminated clothing and wash skin with soap and water. Launder or dry-clean clothing before reuse. If product is

injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

INHALATION

Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start resuscitation; administer oxygen, if available. If overexposed to oil mist, remove from further exposure until excessive oil mist condition subsides.

INGESTION

If ingested, DO NOT induce vomiting; call a physician immediately.

D. FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT (MINIMUM)

215°C (419°F)

ASTM D 92, Cleveland Open Cup

AUTOIGNITION TEMPERATURE

Greater than 260°C (500°F)

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) - HAZARD IDENTIFICATION

Health Flammability Reactivity

1

1

0

BASIS

Recommended by Exxon

HANDLING PRECAUTIONS

Use product with caution around heat, sparks, pilot lights, static electricity, and open flame.

FLAMMABLE OR EXPLOSIVE LIMITS (APPROXIMATE PERCENT BY VOLUME IN AIR)

Estimated values: Lower Flammable Limit 0.9%

Upper Flammable Limit 7%

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES

Foam, water spray (fog), dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type of product, depending on size or potential size of fire and circumstances related to the situation. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists.

The following procedures for this type of product are based on the recommendations in the National Fire Protection Association's "Fire Protection Guide on Hazardous Materials", Tenth Edition (1991):

Use water spray, dry chemical, foam, or carbon dioxide to extinguish the fire. Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures. Minimize breathing of gases, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS

Fumes, smoke, carbon monoxide, sulfur oxides, phosphorus oxides, nitrogen oxides, metal oxides, aldehydes and other decomposition products, in the case of incomplete combustion.

"EMPTY" CONTAINER WARNING

"Empty" containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to clean since residue is difficult to remove. "Empty" drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. For work on tanks refer to Occupational Safety and Health Administration regulations, ANSI Z49.1, and other governmental and industrial references pertaining to cleaning, repairing, welding, or other contemplated operations.

E. HEALTH AND HAZARD INFORMATION

VARIABILITY AMONG INDIVIDUALS

Health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

EFFECTS OF OVEREXPOSURE (Signs and symptoms of exposure)

Prolonged or repeated skin contact may cause skin irritation.

NATURE OF HAZARD AND TOXICITY INFORMATION

Repeated and prolonged overexposure to oil mists may result in droplet deposition, oil granuloma formation, inflammation and increased incidence of infection.

In accordance with the current OSHA Hazard Communication Standard criteria, this product does not require a cancer hazard warning. This is because the product is formulated from base stocks which are severely hydrotreated, severely solvent extracted, and/or processed by mild hydrotreatment and extraction. Alternatively, it may consist of components not otherwise affected by IARC criteria, such as atmospheric distillates or synthetically derived materials, and as such is not characterized by current IARC classification criteria.

Prolonged or repeated skin contact with this product tends to remove skin oils, possibly leading to irritation and dermatitis; however, based on human experience and available toxicological data, this product is judged to be neither a "corrosive" nor an "irritant" by OSHA criteria.

Continuous contact with used motor oil has caused skin cancer in animal tests.

Product contacting the eyes may cause eye irritation.

Product has a low order of acute oral and dermal toxicity, but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

This product is judged to have an acute oral LD50 (rat) greater than 5 g/kg of body weight, and an acute dermal LD50 (rabbit) greater than 3.16 g/kg of body weight.

PRE-EXISTING MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY EXPOSURE

None recognized

F. PHYSICAL DATA

The following data are approximate or typical values and should not be used for precise design purposes.

BOILING RANGE

IBP Approximately 302°C (575°F)

SPECIFIC GRAVITY (15.6°C/15.6°C)

0.89

MOLECULAR WEIGHT

Not determined

pH

Essentially neutral.

POUR, CONGEALING OR MELTING POINT

-24°C (-11°F)

Pour Point by ASTM D 97

VAPOR PRESSURE

Less than 0.01 mm Hg @ 20°C

VAPOR DENSITY (AIR = 1)

Greater than 5

PERCENT VOLATILE BY VOLUME

Negligible from open container
in 4 hours @ 38°C (100°F)

EVAPORATION RATE @ 1 ATM. AND 25°C (77°F) (n-BUTYL ACETATE = 1)

Less than 0.01

SOLUBILITY IN WATER @ 1 ATM. AND 25°C (77°F)

Negligible; less than 0.1%

VISCOSITY
14.3 cSt @ 100°C

G. REACTIVITY

This product is stable and will not react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypochlorite, etc., as this presents a serious explosion hazard.

H. ENVIRONMENTAL INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Recover free product. Add sand, earth, or other suitable absorbent to spill area. Minimize skin contact. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas. Assure conformity with applicable governmental regulations.

THE FOLLOWING INFORMATION MAY BE USEFUL IN COMPLYING WITH VARIOUS STATE AND FEDERAL LAWS AND REGULATIONS UNDER VARIOUS ENVIRONMENTAL STATUTES:

REPORTABLE QUANTITY (RQ), EPA REGULATION 40 CFR 302 (CERCLA Section 102)

No RQ for product or any constituent greater than 1% or 0.1% (carcinogen).

THRESHOLD PLANNING QUANTITY (TPQ), EPA REGULATION 40 CFR 355 (SARA Sections 301-304)

No TPQ for product or any constituent greater than 1% or 0.1% (carcinogen).

TOXIC CHEMICAL RELEASE REPORTING, EPA REGULATION 40 CFR 372 (SARA Section 313)

This product contains approximately 1.5% zinc compounds.

HAZARDOUS CHEMICAL REPORTING, EPA REGULATION 40 CFR 370 (SARA Sections 311-312)

EPA HAZARD	Acute	Chronic	Fire	Pressure	Reactive	Not
CLASSIFICATION CODE:	Hazard	Hazard	Hazard	Hazard	Hazard	Applicable
						XXX

I. PROTECTION AND PRECAUTIONS

VENTILATION

Use local exhaust to capture vapor, mists or fumes, if necessary. Provide ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. No smoking, or use of flame or other ignition sources.

RESPIRATORY PROTECTION

Use supplied-air respiratory protection in confined or enclosed spaces, if needed.

PROTECTIVE GLOVES

Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

EYE PROTECTION

Use splash goggles or face shield when eye contact may occur.

OTHER PROTECTIVE EQUIPMENT

Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing, which could result in prolonged or repeated skin contact.

WORK PRACTICES / ENGINEERING CONTROLS

Keep containers closed when not in use. Do not store near heat, sparks, flame or strong oxidants.

In order to prevent fire or explosion hazards, use appropriate equipment.

Information on electrical equipment appropriate for use with this product may be found in the latest edition of the National Electrical Code (NFPA-70). This document is available from the National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02269.

PERSONAL HYGIENE

Minimize breathing vapor, mist or fumes. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry-clean before re-use. Remove contaminated shoes and thoroughly clean before re-use; discard if oil-soaked. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

J. TRANSPORTATION AND OSHA RELATED LABEL INFORMATION**TRANSPORTATION INCIDENT INFORMATION**

For further information relative to spills resulting from transportation incidents, refer to latest Department of Transportation Emergency Response Guidebook for Hazardous Materials Incidents.

U.S. DOT HAZARDOUS MATERIALS SHIPPING DESCRIPTION

Not regulated

OSHA REQUIRED LABEL INFORMATION

In compliance with hazard and right-to-know requirements, where applicable OSHA Hazard Warnings may be found on the label, bill of lading or invoice accompanying this shipment.

Note: Product label may contain non-OSHA related information also.

The information and recommendations contained herein are, to the best of Exxon's knowledge and belief, accurate and reliable as of the date issued. Exxon does not warrant or guarantee their accuracy or reliability, and Exxon shall not be liable for any loss or damage arising out of the use thereof.

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety and other necessary information is included on the container.

The Environmental Information included under Section H hereof as well as the Hazardous Materials Identification System (HMIS) and National Fire Protection Association (NFPA) ratings have been included by Exxon Company, U.S.A. in order to provide additional health and hazard classification information. The ratings recommended are based upon the criteria supplied by the developers of these rating systems, together with Exxon's interpretation of the available data.

FOR LUBRICANTS TECHNICAL ASSISTANCE CALL: 1-800-443-9966

FOR FUELS TECHNICAL ASSISTANCE CALL: 713-656-4955

FOR AN MSDS OR ASSISTANCE WITH AN MSDS, DIRECT INQUIRIES TO THE ADDRESS BELOW OR CALL:

MARKETING TECHNICAL SERVICES
EXXON COMPANY, U.S.A.
ROOM 2355
P. O. BOX 2180
HOUSTON, TX 77252-2180
(713) 656-5949



GASC0220

Revised 1-SEP-1993

Printed 5-SEP-1993

No. 2 Diesel Fuel

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification

CAS Number 68476-34-6

Tradenames and SynonymsDiesel Fuel No. 2, Low Sulfur
Diesel Fuel No. 2, High Sulfur

3502, 3504, 3510, 3512

Company IdentificationMANUFACTURER/DISTRIBUTOR
CONOCO INC.
P.O. BOX 2197
HOUSTON, TX 77252**PHONE NUMBERS**Product Information 1-713-293-5550
Transport Emergency CHEMTREC 1-800-424-9300
Medical Emergency 1-800-441-3637

COMPOSITION/INFORMATION ON INGREDIENTS

**Components
Material****CAS Number %**

Diesel Fuel, No. 2 68476-34-6 100

HAZARDS IDENTIFICATION

Potential Health Effects

Primary Routes of Exposure/Entry: Skin, Inhalation.

Signs and Symptoms of Exposure/Medical Conditions

Aggravated by Exposure:

The product may cause irritation to the eyes, lungs, and skin after prolonged or repeated exposure. Extreme

(Continued)

HAZARDS IDENTIFICATION(Continued)

overexposure or aspiration into the lungs may cause lung damage and death. Overexposure may cause weakness, headache, nausea, confusion, blurred vision, drowsiness, and other nervous system effects; greater exposure may cause dizziness, slurred speech, flushed face, unconsciousness, and convulsions.

It is highly unlikely that human exposure at or below the recommended exposure level poses a significant health hazard. In this regard, good workplace practices and proper engineering designs will minimize exposure.

Decomposition Products:

Studies in mice and rats have shown that chronic exposure (8 hours/day, 7 days/week, 24 months) to unfiltered diesel exhaust produced tumors of the lung and also lymphomas. On the basis of these studies, NIOSH recommends that whole diesel exhaust be regarded as a potential carcinogen.

Carbon monoxide is a gas that can result from incomplete combustion of hydrocarbons, from detoxification of some chemicals like methylene chloride, tobacco smoke, and even from natural body processes. Carbon monoxide binds tightly to hemoglobin and interferes with oxygen transport to body tissues. Overexposure can cause headache, nausea, nervous system depression, coma, and death.

Carcinogenicity Information

None of the components in this material is listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

FIRST AID MEASURES

First Aid

INHALATION

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

SKIN CONTACT

Wash skin thoroughly with soap and water after handling. If irritation develops and persists, consult a physician.

EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INGESTION

If swallowed, do not induce vomiting. Immediately give 2 glasses

(Continued)

FIRST AID MEASURES(Continued)

of water. Never give anything by mouth to an unconscious person.
Call a physician.

Notes to Physicians

Activated charcoal mixture may be administered. To prepare activated charcoal mixture, suspend 50 grams activated charcoal in 400 mL water and mix thoroughly. Administer 5 mL/kg, or 350 mL for an average adult.

FIRE FIGHTING MEASURES

Flammable Properties

Flash Point	130 F (54 C)
Method	TCC
Flammable limits in Air, % by Volume	
LEL	0.4
UEL	6
Autoignition	494 F (257 C)

Vapor forms explosive mixture with air. Vapors or gases may travel considerable distances to ignition source and flash back.

NFPA Classification Class II Combustible Liquid.

Extinguishing Media

Water Spray, Foam, Dry Chemical, CO2.

Fire Fighting Instructions

Special Fire Fighting Procedures: Use water to keep fire-exposed containers cool. If leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for personnel attempting to stop a leak. Water spray may be used to flush spills away from exposures.

Unusual Fire and Explosion Hazards: Products of combustion may contain carbon monoxide, carbon dioxide and other toxic materials. Do not enter enclosed or confined space without proper protective equipment including respiratory protection.

ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Remove source of heat, sparks, flame, impact, friction and electricity including internal combustion engines and power tools. If equipment is used for spill cleanup, it must be explosion proof and suitable for flammable liquid and vapor.

(Continued)

ACCIDENTAL RELEASE MEASURES^(Continued)

NOTE: Vapors released from the spill may create an explosive atmosphere.

Initial Containment

Dike spill. Prevent material from entering sewers, waterways, or low areas.

Spill Clean Up

Soak up with sawdust, sand, oil dry or other absorbent material.

HANDLING AND STORAGE

Handling (Personnel)

Avoid breathing vapors or mist. Wash thoroughly after handling. Wash clothing after use.

Handling (Physical Aspects)

Ground container when pouring. Keep away from heat, sparks and flames.

Storage

Store in a well ventilated place. Keep container tightly closed. Store in accordance with National Fire Protection Association recommendations. Store away from heat, sparks and flames, oxidizers.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Use only with adequate ventilation. Keep container tightly closed.

Personal Protective Equipment

Respiratory Protection: Select appropriate NIOSH-approved respiratory protection when needed to avoid inhalation of mist or vapors and to maintain exposures below acceptable limits.

Protective Gloves: Impervious gloves, such as neoprene or NBR, should be worn when the potential exists for prolonged or repeated skin exposure.

Eye Protection: Safety glasses with side shields. Chemical goggles required when exposed to spray or mist or if splashing is probable.

Other Protective Equipment: Coveralls if splashing is probable. Launder contaminated clothing before reuse.

Exposure Guidelines

Exposure Limits

No. 2 Diesel Fuel

PEL (OSHA)

None Established

TLV (ACGIH)

None Established

(Continued)

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Boiling Point	350-690 F (177-366 C)
Vapor Pressure	1 mm/Hg @ 68 F (20 C)
Vapor Density	>1 (Air = 1)
% Volatiles	(by volume) Nil
Solubility in Water	Insoluble
Odor	Aromatic
Form	Liquid
Color	*
Specific Gravity	0.84-0.88 @ 60 F (16 C)

*Color : High Sulfur Diesel - Green
Others - Clear or Light Yellow

STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and storage conditions.

Conditions to Avoid

Avoid heat, sparks, and flame.

Incompatibility with Other Materials

Incompatible or can react with strong oxidizers.

Decomposition

Incomplete combustion may produce carbon monoxide.

Polymerization

Polymerization will not occur.

TOXICOLOGICAL INFORMATION

Animal Data

Animal studies have shown that prolonged or repeated inhalation exposures to high concentrations of some petroleum distillates have caused liver tumors in mice and kidney damage and tumors in male rats. However, kidney effects were not seen in similar studies involving female rats, guinea pigs, dogs, or monkeys. Present studies indicate the kidney effects will only occur in male rats. Also, human studies do not indicate this peculiar sensitivity for kidney damage and studies reported in 1992 showed that this particular type of rat kidney damage is not useful in predicting a human health hazard. The significance of liver tumors in mice exposed to high doses of chemicals is highly speculative and probably not a good indicator for predicting a potential human carcinogenic hazard.

Mouse skin painting studies have shown that petroleum middle distillates (boiling range 100-700 F; naphtha, jet fuel, diesel fuel, kerosene, etc.) can cause skin cancer when repeatedly applied and never washed from the animal's skin. The relative

(Continued)

TOXICOLOGICAL INFORMATION(Continued)

significance of this to human health is uncertain since the petroleum distillates were not washed from the skin and resulting skin effects (irritation, cell damage, etc.) may play a role in the tumorigenic response. A few studies have shown that washing the animal's skin with soap and water between treatments greatly reduces the carcinogenic effect of some petroleum oils.

Diesel Fuel -

Skin : Extremely irritating; no mortality at 5 ml/kg
in rabbits
Oral : LD50 of 9 ml/kg in rats

DISPOSAL CONSIDERATIONS

Waste Disposal

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Do not flush to surface water or sanitary sewer system.

By itself, the liquid is expected to be a RCRA ignitable hazardous waste.

TRANSPORTATION INFORMATION

Shipping Information

INTERNATIONAL HM-181

Proper Shipping Name	Gas Oil
Hazard Class	3
UN/NA Number	UN 1202
Packing Group	III
Label	Flammable liquid
Placard	Flammable

DOMESTIC HM-181

Proper Shipping Name	Diesel fuel
Hazard Class	Combustible liquid
UN/NA Number	NA 1993
Packing Group	III
Label	None
Placard	Combustible
Special Information	If shipped by vessel or air, use international description.

(Continued)

REGULATORY INFORMATION

U.S. Federal Regulations

OSHA HAZARD DETERMINATION

This material is hazardous as defined by OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

CERCLA/SUPERFUND

Not applicable; this material is covered by the CERCLA petroleum exclusion. Releases are not reportable.

SARA, TITLE III, 302/304

This material is not known to contain extremely hazardous substances.

TITLE III HAZARD CLASSIFICATIONS SECTIONS 311, 312

Acute : Yes
Chronic : Yes
Fire : Yes
Reactivity : No
Pressure : No

SARA, TITLE III, 313

This material is not known to contain any chemical(s) at a level of 1.0% or greater (0.1% for carcinogens) on the list of Toxic Chemicals and subject to release reporting requirements.

TSCA

This material is in the TSCA Inventory of Chemical Substances (40 CFR 710) and/or is otherwise in compliance with TSCA.

RCRA

This material, when discarded or disposed of, is not specifically listed as a hazardous waste in Federal regulations. It could become a hazardous waste if it is mixed with, or comes in contact with, a listed hazardous waste. If it is a hazardous waste, regulations at 40 CFR 262-266 and 268 may apply.

CLEAN WATER ACT

The material contains the following ingredient(s) which is considered hazardous if spilled into navigable waters and therefore reportable to the National Response Center (1-800-424-8802).

Ingredient(s)	Petroleum Hydrocarbons
Reportable Quantity	Film or sheen upon, or discoloration of, any water surface.

State Regulations (U.S.)

CALIFORNIA "PROP 65"

This material is not known to contain any ingredient(s) subject to the Act.

PENNSYLVANIA WORKER & COMMUNITY RIGHT TO KNOW ACT

This material contains the following ingredient(s) subject to the

(Continued)

REGULATORY INFORMATION(Continued)

Pennsylvania Worker and Community Right to Know Hazardous Substances List.

Ingredient	Diesel Fuel Oil
Category	Hazardous Substance

Canadian Regulations

CLASS B Division 3 - Combustible Liquid.

CLASS D Division 2 Subdivision B - Toxic Material. Chronic Toxic Effects.

Transport/Medical Emergency Phone Number: 1-613-348-3616

OTHER INFORMATION**NFPA, NPCA-HMIS**

NFPA Rating	
Health	0
Flammability	2
Reactivity	0

NPCA-HMIS Rating	
Health	1
Flammability	2
Reactivity	0

Personal Protection rating to be supplied by user depending on use conditions.

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsibility for MSDS	MSDS Administrator
Address	Conoco Inc. PO Box 2197 Houston, TX 77252
Telephone	713/293-5550

Indicates updated section.

End of MSDS



Material Safety Data Sheet

HD-5 PROPANE FUEL (ODORIZED)

CPS262200

Page 1 of 8

This Material Safety Data Sheet contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet community right-to-know/emergency response reporting requirements under SARA Title III and many other laws. If you resell this product, this MSDS must be given to the buyer or the information incorporated in your MSDS.

This is a new Material Safety Data Sheet.

1. PRODUCT IDENTIFICATION

HD-5 PROPANE FUEL (ODORIZED)

DANGER:

- EXTREMELY FLAMMABLE
- LIQUID CAN CAUSE EYE AND SKIN INJURY
- MAY EXCLUDE OXYGEN AVAILABLE FOR BREATHING
- DETECTION OF LEAK VIA SENSE OF SMELL MAY NOT BE POSSIBLE IF ODORANT HAS DEGRADED. SEE SECTION 6.
- CONTENTS UNDER PRESSURE
- KEEP OUT OF REACH OF CHILDREN

PRODUCT NUMBER(S): CPS262200 WPS-300

PRODUCT INFORMATION: (918)560-4134

Revision Number: 0 Revision Date: 04/28/92 MSDS Number: 004919
NDA - No Data Available NA - Not Applicable

Prepared According to the OSHA Hazard Communication Standard (29 CFR 1910.1200) by the Chevron Environmental Health Center, Inc., P.O. Box 4054, Richmond, CA 94804.

2. FIRST AID-EMERGENCY PH. (800)457-2022/(510)233-3737 (24 HR)

EYE CONTACT:

Flush eyes immediately with fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. See a doctor for further treatment as soon as possible.

SKIN CONTACT:

Skin contact with the liquid may result in frostbite and burns. Soak contact area in tepid water to alleviate the immediate effects and get medical attention.

INHALATION:

If any signs or symptoms as described in this document occur, move the person to fresh air. If any of these effects continue, see a doctor.

INGESTION:

Not expected to be an ingestion problem, no first aid procedures are required.

3. IMMEDIATE HEALTH EFFECTS - (ALSO SEE SECTIONS 11 & 12)

EYE CONTACT:

The gas phase is not expected to cause eye irritation. However, the liquid can cause frostbite and burns. This hazard evaluation is based on the data from similar materials.

SKIN IRRITATION:

The gas is not irritating to the skin. However, skin contact with liquid or solid can cause severe frostbite or burns. This hazard evaluation is based on data from similar materials.

DERMAL TOXICITY:

The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if it gets on the skin. This hazard evaluation is based on data from similar materials.

RESPIRATORY/INHALATION:

This material can act as a simple asphyxiant by displacement of air. Signs and symptoms of the resultant central nervous system effects may include rapid breathing, incoordination, rapid fatigue, excessive salivation, disorientation, headache, nausea and vomiting. Convulsions, loss of consciousness, coma and/or death may occur if exposure to high concentrations continues. Read the Additional Health Data section (12) of this document for more information.

INGESTION:

Material is a gas and cannot usually be swallowed.

4. PROTECTIVE EQUIPMENT

EYE PROTECTION:

Appropriate eye protection must be worn when working with this material or serious harm can result. Wear chemical goggles or a face shield at all

Revision Number: 0

Revision Date: 04/28/92

MSDS Number: 004919

NDA - No Data Available

NA - Not Applicable

times.

SKIN PROTECTION:

Do not get on skin or on clothing. Wear protective clothing including gloves when handling.

RESPIRATORY PROTECTION:

No special respiratory protection is normally required.

VENTILATION:

Use this material only in well ventilated areas.

5. FIRE PROTECTION

FLASH POINT: (CC) <94F (70C)

AUTOIGNITION: 450C (842F)

FLAMMABILITY LIMITS (% by volume in air): Lower: 2.1 Upper: 9.5

EXTINGUISHING MEDIA:

Stop flow of gas. CO2 for small fires. Water fog.

NFPA RATINGS: Health 1; Flammability 4; Reactivity 0; Special NDA;

(Least-0, Slight-1, Moderate-2, High-3, Extreme-4). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association or, if applicable, the National Paint and Coating Association, and do not necessarily reflect the hazard evaluation of the Chevron Environmental Health Center. Read the entire document and label before using this product.

FIRE FIGHTING PROCEDURES:

This product presents an extreme fire hazard. Liquid very quickly evaporates, even at low temperatures, and forms vapor (fumes) which can catch fire and burn with explosive violence. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment, and electrical motors and switches.

For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment. This may include self-contained breathing apparatus to protect against the hazardous effects of normal products of combustion or oxygen deficiency. Read the entire document. Petroleum gases are heavier than air and travel along the ground or into drains to possible distant ignition sources, causing an explosive flashback.

COMBUSTION PRODUCTS:

Normal combustion forms carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.

6. STORAGE, HANDLING, AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS:

NDA

STABILITY:

Stable.

HAZARDOUS POLYMERIZATION:

Polymerization will not occur.

INCOMPATIBILITY:

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NDA - No Data Available

NA - Not Applicable

May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

SPECIAL PRECAUTIONS:

DO NOT USE OR STORE near flame, sparks or hot surfaces. USE ONLY IN WELL VENTILATED AREA. Keep container closed. Before entry into confined spaces that may have contained hazardous material, determine concentrations and take appropriate measures for personal protection. Material presents a hazard that may require personal protective equipment for entry. CONTAINER UNDER PRESSURE. Store away from strong oxidizing materials. Exposure to heat or prolonged exposure to sun may cause container to burst. Do not puncture, incinerate, or store above 120 F.

Special precautions should be taken when entering or handling equipment in this type of gas service because of possible radioactive contamination. All equipment should be checked for radioactivity or opened to the atmosphere and have forced ventilation applied for at least four hours prior to entry or handling. Avoid direct skin contact with any surface. Avoid generation of dust, smoke, fumes, etc. in the work area, or if they cannot be avoided, a tested and certified radionuclide dust respirator should be worn. Smoking, eating, or drinking, should be prohibited when working with the equipment. Employees should wash thoroughly with soap and water and discard contaminated clothing after entering or handling the equipment.

This product has been odorized in order to aid in its detection in case of a leak or accidental discharge. During shipping or storage of an odorized material, alteration of the odorant and subsequent reduction in its effectiveness may occur.

Odorants are reactive. Rust and scale in storage containers and pipes may significantly reduce an odorant's effectiveness. For this reason, storage containers must be free of rust and scale. Whenever an empty cylinder is filled, it must be properly purged and conditioned to remove air and water and to deactivate sites for oxidation of the odorant. Underground pipelines should also be checked periodically for leaks.

Prolonged exposure to an odorant or other strong smells in the environment may reduce an individual's ability to detect the odorant. People with an impaired ability to detect odors due to colds, allergies, smoking, injuries, etc., must be especially cautious.

7. PHYSICAL PROPERTIES

SOLUBILITY: Soluble in alcohol, ether and hydrocarbons; insoluble in water.

APPEARANCE: Colorless gas or liquid with distinct odor of commercial natural gas.

BOILING POINT: -44F (-42C)

MELTING POINT: NA

EVAPORATION: NDA

SPECIFIC GRAVITY: 0.5 @ 15.6/15.6C.

VAPOR PRESSURE: 208 PSI @ 37.8C (Max.).

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MSDS Number: 004919

NDA - No Data Available

NA - Not Applicable

PERCENT VOLATILE (VOLUME %): 100%

VAPOR DENSITY (AIR=1): 1.6

8. ENVIRONMENTAL CONCERNS, SPILL RESPONSE AND DISPOSAL

CHEMTREC EMERGENCY PH. (800)424-9300/(202)483-7616 (24 hr)**SPILL/LEAK PRECAUTIONS:**

Eliminate all sources of ignition in vicinity of spill or released vapor.

If this material is released into a work area, evacuate the area immediately. Persons entering the contaminated area to correct the problem or to determine whether it is safe to resume normal activities must comply with all instructions in the Protective Equipment section.

DISPOSAL METHODS:

Allow to evaporate with adequate ventilation.

9. EXPOSURE STANDARDS, REGULATORY LIMITS AND COMPOSITION

COMPOSITION COMMENT:

All the components of this material are on the Toxic Substances Control Act Chemical Substances Inventory. This material is classified as a simple asphyxiant. When working with this material, the minimal oxygen content should be 18 percent by volume under normal atmospheric pressure.

The percent compositions are given to allow for the various ranges of the components present in the whole product and may not equal 100%.

PERCENT/CAS# COMPONENT/REGULATORY LIMITS

100.0 % HD-5 PROPANE FUEL (ODORIZED)

CONTAINING

> 90.0 % PROPANE
CAS74986 Asphyxiant ACGIH TLV
1000ppm OSHA TWA

< 10.0 % ETHANE
CAS74840 Asphyxiant ACGIH TLV

< 5.0 % PROPYLENE
CAS115071 A toxic chemical 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.
ACGIH TLV

< 2.5 % HYDROCARBONS, C4 AND UP
CAS68476448

RADON

Revision Number: 0**Revision Date: 04/28/92****MSDS Number: 004919****NDA - No Data Available****NA - Not Applicable**

CAS14859677

AND

ODORANT

TLV - Threshold Limit Value	TWA - Time Weighted Average
STEL - Short-term Exposure Limit	TPQ - Threshold Planning Quantity
RQ - Reportable Quantity	CPS - CUSA Product Code
CC - Chevron Chemical Company	CAS - Chemical Abstract Service Number

10. REGULATORY INFORMATION

DOT basic descriptions can vary based on package quantity and may not coincide with international description requirements. Consult the Hazardous Materials Regulations in 49CFR and the appropriate Dangerous Goods Regulations to confirm description applicability to specific shipments.

DOT SHIPPING NAME: LIQUEFIED PETROLEUM GAS
DOT HAZARD CLASS: FLAMMABLE GAS
DOT IDENTIFICATION NUMBER: UN1075

SARA 311 CATEGORIES:

1.	Immediate (Acute) Health Effects; YES
2.	Delayed (Chronic) Health Effects; NO
3.	Fire Hazard; YES
4.	Sudden Release of Pressure Hazard; YES
5.	Reactivity Hazard; NO

The following components of this material are found on the regulatory lists indicated by the number below the component name:

PROPYLENE

is found on lists: 01,02,10,11,13,14,

RADON

is found on lists: 06,

ETHANE

is found on lists: 02,10,11,13,14,

PROPANE

is found on lists: 02,10,11,13,14,17,

REGULATORY LISTS SEARCHED:

01=SARA 313	02=MASS RTK	03=NTP Carcinogen
04=CA Prop. 65	05=MI 406	06=IARC Group 1
07=IARC Group 2A	08=IARC Group 2B	09=SARA 302/304
10=PA RTK	11=NJ RTK	12=CERCLA 302.4
13=MN RTK	14=ACGIH TLV	15=ACGIH STEL
16=ACGIH Calculated TLV	17=OSHA TWA	18=OSHA STEL
19=Chevron TLV	20=EPA Carcinogen	21=TSCA Sect 4(e)
22=TSCA Sect 5(a)(e)(f)	23=TSCA Sect 6	24=TSCA Sect 12(b)
25=TSCA Sect 8(a)	26=TSCA Sect 8(d)	28=Canadian WHMIS

Revision Number: 0

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MSDS Number: 004919

NDA - No Data Available

NA - Not Applicable

29=OSHA CEILING

11. PRODUCT TOXICOLOGY DATA

EYE IRRITATION:

No product toxicology data available. The hazard evaluation was based on data from similar materials.

SKIN IRRITATION:

No product toxicology data available. The hazard evaluation was based on data from similar materials.

DERMAL TOXICITY:

No product toxicology data available. The hazard evaluation was based on data from similar materials.

RESPIRATORY/INHALATION:

No product toxicology data available. The hazard evaluation was based on data from similar materials.

INGESTION:

No product toxicology data available. The hazard evaluation was based on data from similar materials.

12. ADDITIONAL HEALTH DATA

ADDITIONAL HEALTH DATA COMMENT:

This product may contain detectable but varying quantities of the naturally occurring radioactive substance radon 222. The amount in the gas itself is not hazardous, but since radon rapidly decays ($t_{1/2} = 3.82$ days) to form other radioactive elements including lead 210, polonium 210, and bismuth 210, equipment may be radioactive. The radon daughters are solids and therefore may attach to dust particles or form films and sludges in equipment. Inhalation, ingestion or skin contact with radon daughters can lead to the deposition of radioactive material in the lungs, bone, blood forming organs, intestinal tract, kidney, and colon. Occupational exposure to radon and radon daughters has been associated with an increased risk of lung cancer in underground uranium miners. Follow the Special Precautions contained in this document.

This product contains butane. An atmospheric concentration of 100,000 ppm (10%) butane is not noticeably irritating to the eyes, nose or respiratory tract, but will produce slight dizziness in a few minutes of exposure. No chronic systemic effect has been reported from occupational exposure.

This product contains isobutane. Isobutane has been shown to increase airway resistance by bronchioconstriction and decrease pulmonary compliance and tidal volume (difficulty in breathing). Air containing 27% isobutane was found to decrease respiratory rate and proved to be fatal to rats.

Revision Number: 0

Revision Date: 04/28/92

MSDS Number: 004919

NDA - No Data Available

NA - Not Applicable

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Revision Number: 0 Revision Date: 04/28/92 MSDS Number: 004919
NDA - No Data Available NA - Not Applicable

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DARTFIN.
MATERIAL SAFETY DATA SHEET

Printed 01-10-1994

Page 1

MAGNA-D-WAX^(R) PT-2066**CAUTION CODE 2-3-0**

"MAGNA-D-WAX" is a registered trademark of Baker Performance Chemicals Incorporated
MSDS ID: 8290017

1 - SECTION I - IDENTITY

BAKER PERFORMANCE CHEMICALS, INC.
A Baker Hughes Company
3920 ESSEX LANE, P.O. BOX 27714
HOUSTON, TX 77227-7714

EMERGENCY TELEPHONE NUMBERS:
CHEMTREC: 1-800-424-9300
800-231-3606
TELEPHONE NUMBER FOR INFORMATION:
713-599-7400

CHEMICAL NAME: Complex Mixture

CHEMICAL FAMILY: Aliphatic Solvent

2 - SECTION II - REGULATORY CLASSIFICATION

ENVIRONMENTAL

RQ= 649 Gallons
(Toluene)
TPQ= None

SARA S313: Yes
Toluene - <24%

OCCUPATIONAL

OSHA Non-Hazardous: NA

OSHA Hazardous: Yes

X Acute
NA Chronic
X Fire
NA Pressure
NA Reactive

TRANSPORTATION

Not Regulated: NA

Regulated: Yes
Flammable Liquid,
N.O.S., (Contains
Toluene), 3, UN 1993,
II

The components of this product are listed on the TSCA inventory.

3 - SECTION III - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS #	PEL(OSHA)*			TLV(ACGIH)*		MFG* REC
		TWA	STEL	A/L	TWA	STEL	
Aromatic Petroleum Distillates (Proprietary)	64742-89-8	500			200		
Toluene (<24%)	108-88-3	100	150		50		

*ppm unless otherwise indicated; (C) denotes ceiling limit

4 - SECTION IV - PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity @60F:
(H2O=1)
0.77

Vapor Density
(Air=1)
-3.4

Solubility in Water: Negligible

Flash Point (Method): 21F (TCC)

Haz. Decomp. Prod: Carbon monoxide

Hazardous Polymerization: Will not occur

Vapor Pressure Estimated:
(mm.Hg @68F) <1

pH:
5% of Product: Essentially Neutral

Appearance and Odor: Clear water white
liquid with mild petroleum odor
Stability: Stable

Conditions to Avoid: Oxidizers; heat,
sparks, or open flame

MAGNA-D-WAX_(R) PT-2066**CAUTION CODE 2-3-0**

"MAGNA-D-WAX" is a registered trademark of Baker Performance Chemicals Incorporated
MSDS ID: 8290017

4 - SECTION IV - PHYSICAL & CHEMICAL PROPERTIES (continued)

FIRE CONTROL PROCEDURES: Use foam, dry chemical, CO₂, water fog or spray. Do not enter a fire area without proper protective equipment, including NIOSH/MSHA approved, self-contained breathing apparatus. Cool exposed containers with water spray. Avoid vapors.

FIRE HAZARDS:

Material is flammable.

Vapors are heavier than air and may travel along ground to ignition source and flash back.

Never use welding or cutting torch on or near drums, even when empty.

Explosion may result.

5 - SECTION V - HEALTH HAZARDS

EFFECTS OF OVEREXPOSURE:

INHALATION: Inhalation of high levels of vapors or mists may cause lightheadedness, dizziness, headaches or unconsciousness.

EYE CONTACT: Eye contact may cause irritation and redness.

SKIN CONTACT: Prolonged or repeated contact with skin may cause irritation or contact dermatitis.

INGESTION: May be harmful if ingested.

OTHER INFORMATION:

Laktane tends to remove oils from the skin upon prolonged or repeated skin contact, leading to irritation or dermatitis. High vapor concentrations (>1000 ppm) are irritating to the eyes and the respiratory tract; may cause headaches, dizziness, anesthesia and other central nervous system effects, including death.

Laktane Toxicity:

Orl - Rat - LD50 = >5 g/kg

Skn - Rbt - LD50 = >3.16 g/kg

Toluene may cause irritation of the eyes, respiratory tract, and skin. Repeated or prolonged contact with liquid may cause removal of natural fats from the skin resulting in dry, cracking skin. The liquid splashed in the eyes may cause irritation and irreversible damage. Acute exposure to toluene can result in central nervous system depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness, incoordination with staggering gait, skin paresthesias, collapse and coma.

Toluene Toxicity:

Inh - Hmn - TCLo = 200 ppm

Inh - Man - TCLo = 100 ppm

Inh - Mus - LD50 = 5320 ppm/8H

Skn - Rbt - LD50 = 12124 mg/kg

Irritation Data:

Eye - Hmn = 300 ppm

Skn - Rbt = 500 mg - Moderate

Eye - Rbt = 2 mg/24H - Severe

TARGET ORGANS (29 CFR 1910.1200-APPENDIX A):

Eye Hazard

Cutaneous Hazard (Skin)

6 - SECTION VI - EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: Flush eyes immediately with large amounts of water for at least 15 minutes. Call a physician if irritation persists.

INHALATION: Remove to fresh air. If labored breathing continues, contact a physician.

SKIN CONTACT: Remove contaminated clothes. Wash skin thoroughly with mild

MAGNA-D-WAX_(R) PT-2066**CAUTION CODE 2-3-0**

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6 - SECTION VI - EMERGENCY & FIRST AID PROCEDURES (continued)

soap and water. Launder clothes before reuse.

INGESTION: DO NOT induce vomiting. If conscious, drink large amounts of water and contact a physician.

7 - SECTION VII - PROTECTIVE EQUIPMENT RECOMMENDATIONS

VENTILATION: The use of mechanical ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated. Where engineering controls are not feasible, assure use is in an area where there is natural air movement.

RESPIRATORY**CHEMICAL RESISTANT
APPAREL****EYE/FACE**

- X As Needed
- Air Supplied (SCBA)
- X Air Purifying
- Full Face Piece
- X Half Face Piece
- X Cartridge or Canister
- Acid Gas
- X Organic Vapor
- Ammonia

- X Gloves
- Clothing
- Boots

- X Goggles
- Full Face Shield

Under normal operating conditions, no excursions above the regulated (recommended) exposure levels should occur. However, if used at elevated temperatures, lower atmospheric pressure (high altitudes) or any other physical conditions that may increase the inhalation exposure, respiratory protective equipment as described above, should be worn. Also, due to individual susceptibility and sensitivity, before respirators are used, a full medical evaluation should be performed per 29 CFR 1910.134(b)(10).

A thorough review of the job task (job safety analysis) by a competent safety professional should be conducted to determine the appropriate level of protection. See 29 CFR 1910, Subpart I and 29 CFR 1910.133 for further information.

8 - SECTION VIII - SPILL & LEAK PROCEDURES

Don appropriate protective clothing and respiratory protection prior to entering a spill/leak area. Eliminate ignition sources. Approach area upwind if possible. Shut off leak if it can be done safely. Dike and pump large spills into salvage containers. Soak up residue and small spills with absorbent clay, sand, or dirt and place in salvage containers. If RQ (reportable quantity) is exceeded, report to National Spill Response Office 1-800-424-8802. Also, in some jurisdictions, spills or leaks of any hazardous materials are reportable--consult local lead agencies for further information. Continue to observe precautions.

WASTE DISPOSAL METHOD(S): Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures and processes may change the classification to non-hazardous, or hazardous for reasons other than, or in addition to product characteristics. Dispose of all waste and/or containers in accordance with federal, state and local regulations.

REQUIREMENTS FOR TRANSPORTATION, HANDLING AND STORAGE: Transport, handle and store in accordance with OSHA Regulation 1910.106 and applicable DOT regulations.

Avoid inhalation of vapors or mists. Do not get in eyes, on skin or on clothing

Printed 01-10-1994

MATERIAL SAFETY DATA SHEET

Page 4

MAGNA-D-WAX_(R) PT-2066

CAUTION CODE 2-3-0

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MSDS ID: 8290017

8 - SECTION VIII - SPILL & LEAK PROCEDURES (continued)

Keep container closed when not in use. Wear suitable protection for eyes and skin when handling. Use with adequate ventilation. Avoid contact with oxidizers. Store in well-ventilated area. Store in cool, dry area. Control ignition source; keep away from heat, sparks and open flame.

NOTE: The information on this MSDS is based on data which is considered to be accurate. Baker Performance Chemicals, Inc., however, makes no guarantees or warranty, either expressed or implied of the accuracy or completeness of this information. Baker does expressly disclaim any loss incurred with the handling, storage, transportation, use or disposal of the product.

By: Arnetta Barnes
Regulatory Information Technician

Date: 8/10/93 Supersedes: 11/10/92

8/10/93 - Updated DOT shipping information.

Lea County State Bank
P.O. Box 400
Hobbs, NM 88241

95-183/1122
5

KELLY MACLASKEY OILFIELD SERVICES, INC.
P. O. BOX 580 505-393-1016
HOBBS, NM 88241

RECEIVED

JAN 25 1996
DATE

AMOUNT

PAY **fifty and no/100**

TO THE
ORDER OF

NMED WATER QUALITY MANAGEMENT

1/22/96
Environmental Bureau
Oil Conservation Division

50.00

Stacy MacLaskey



KELLY MACLASKEY OILFIELD SERVICES, INC.



FILING FEE FOR DISCHARGE PLAN

\$50.00

OIL CONSERVATION DIVISION

September 26, 1995

CERTIFIED MAIL

RETURN RECEIPT NO.Z-765-963-065

Mr. Kelly Maclaskey
Kelly Maclaskey Oilfield Services, Inc.
P.O. BOX 580
Hobbs, NM 88241

**RE: Discharge Plan Requirement
Hobbs Facility
Lea County, New Mexico**

Dear Mr. Maclaskey:

Under the provision of the Water Quality Control Commission (WQCC) Regulations, Kelly Maclaskey Oilfield Services, Inc. is hereby notified that the filing of a discharge plan is required for the Kelly Maclaskey Oilfield Services, Inc. facilities located at 5900 Carlsbad HWY Hobbs, New Mexico.

The discharge plan is required pursuant to Section 3-104 and 3-106 of the WQCC regulations. The discharge plan, defined in Section 1.101.Q of the WQCC regulations should cover all discharges of effluent or leachate at the facility site or adjacent to the facility site. Included in the plan should be plans for controlling spills and accidental discharges at the facility, including detection of leaks in buried underground tanks and/or piping.

Pursuant to Section 3-106.A, a discharge plan should be submitted for approval to the OCD Director within 120 days of receipt of this letter. Three copies of the discharge plan should be submitted.

Mr. Kelly Maclaskey
September 26, 1995
Page 2

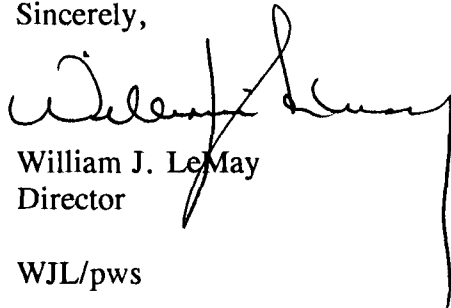
A copy of the regulations and guidelines have been provided to Kelly Maclaskey Oilfield Services, Inc. at a recent field inspection by OCD staff. Enclosed Kelly Maclaskey Oilfield Services, Inc. will find an application form to be used with the guidelines for the preparation of discharge plans at oil & gas service companies. The guideline addresses berming of tanks, curbing and paving of process areas susceptible to leaks or spills and the disposition of any solid wastes.

The discharge plan is subject to the WQCC Regulation 3-114 discharge plan fee. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of fifty (50) dollars plus the flat rate of one thousand, three hundred and eighty (\$1380) dollars for oil & gas service companies. The fifty (50) dollar filing fee is due when the discharge plan is submitted. The flat rate fee is due upon approval of the discharge plan.

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

If there are any questions on this matter, please feel free to contact Patricio Sanchez at 827-7156 or Roger Anderson at 827-7152.

Sincerely,



William J. LeMay
Director

WJL/pws

XC: Mr. Wayne Price and Mr. Jerry Sexton

MEMORANDUM OF MEETING OR CONVERSATION

TELEPHONE X PERSONAL TIME 10:45 (AM) PM DATE 9/26/95

ORIGINATING PARTY: Pat Sanchez
OTHER PARTIES: Roger Anderson, Mark ASHLEY. } NM OOD

SUBJECT: Discharge Plan Inspections / Reg. letters.

DISCUSSION: DAVIS, MacLuskey, PATE, Hydro test,
T/C TANK Rental, AND ROTARY Wireline

DISCUSS NEED FOR Discharge Plans.

CONCLUSIONS/AGREEMENTS: All these facilities will be
required to submit discharge Plans.

PATRICIO W. SANCHEZ:

xc: FILE,

Patricio W. Sanchez
R. Anderson
Mark Ashley

OIL CONSERVATION DIVISION

September 20, 1995

CERTIFIED MAIL**RETURN RECEIPT NO.Z-765-963-055**

Mr. Kelly Maclaskey
 Kelly Maclaskey Oilfield Services, Inc.
 P.O. BOX 580
 Hobbs, NM 88241

RE: Discharge Plan Requirement Inspection
Hobbs Facility
Lea County, New Mexico

Dear Mr. Maclaskey:

Outlined below are the observations and findings made by the NMOCD team that recently inspected the Kelly Maclaskey Oilfield Services, Inc. facility at 5900 W. Carlsbad HWY in Hobbs, New Mexico.

1. No lab at the facility.
2. Below grade sump present in the shop area.
 - i. Needs to be cleaned and inspected yearly and documented.
 - ii. The sump needs to be isolated from the leech line by plugging the sump drain to the leech line and removing that portion of the leech line.
3. Class V. injection well at the facility(i.e.) leech field - this will have to be investigated in order to determine the extent of possible groundwater contamination.

note: At the inspection on 9/12/95 Mr. Kelly Maclaskey was given a copy of the OCD unlined surface impoundment closure guidelines. The leech field area will have to be sampled - and a work plan for sampling and determining possible contamination will have to be submitted to the OCD Santa Fe office.

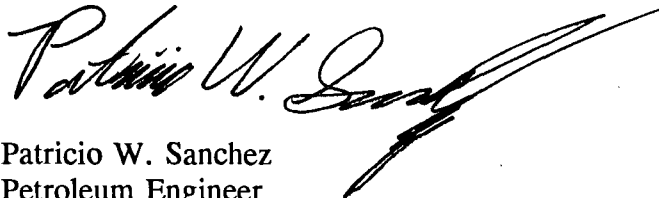
4. No surface impoundments.
5. Provide the NMOCD with a copy of the shop solvent.
6. All tanks, drums, and etc. need to meet OCD guidelines for secondary containment - i.e. fuel area.
7. No written spill contingency plan.

Mr. Kelly Maclaskey
September 20, 1995
Page 2

8. No painting done at the facility.
9. Empty drums, used oil , used filters need to be stored and disposed of in a manner approved by OCD. The current use of the outdoor filter burner must stop - and the filter burner must be closed and the area investigated for contamination.
10. Items need to be properly and clearly labelled.
11. Oil contaminated soil(s) need to be cleaned up according to NMOCD spill and leak guidelines - a copy of which was made available by the NMOCD inspectors.
12. It is the recommendation of the OCD that the used oil tank be stored on secondary containment per the discharge plan guidelines that were made available during the inspection.
13. Please clarify the use of the 12 orange tanks at the back of the facility - also the contaminated soil/liquid in front(southside) of the tanks needs to be cleaned up per the OCD spill and leak guidelines. If these tanks are being used to treat oil, BS&W, tank bottoms, and etc - Then the facility needs to obtain an NMOCD rule 711 waste management facility permit. For further information regarding 711 permits contact Mr. Chris Eustice at (505)-827-7153.
14. Storm water is contained within the main area of the facility with an earthen berm about one foot high.

If you have any questions regarding this matter please feel free to call me at (505)-827-7156. See the attached diagram for reference.

Sincerely,



Patricio W. Sanchez
Petroleum Engineer

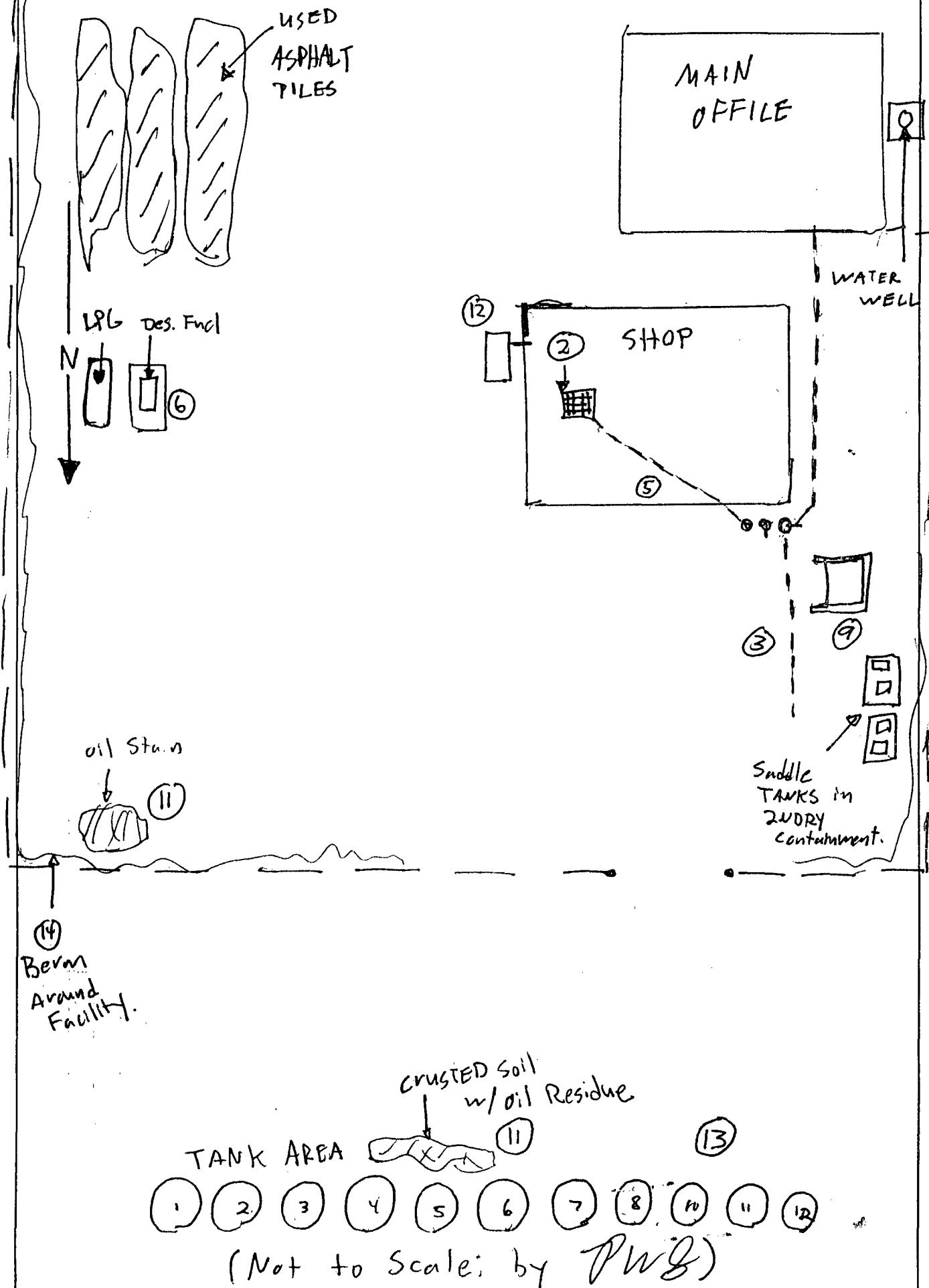
xc: Mr. Wayne Price, Mr. Jerry Sexton, Mr. Chris Eustice.

(Hobbs)

CARLSBAD HWY

9/20/95

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



Z 765 963 055



**Receipt for
Certified Mail**

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

PS Form 3800, March 1993

Sent to <i>Madasky</i>	
Street and No.	
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	

INSPECTION CHECKLIST FOR OILFIELD SERVICE COMPANIES

FACILITY NAME: MACLASKEY OILFIELD SER INC. OPERATOR: Kelly MacLuskay DATE: 9/12/95
 LOCATION: 5900 W CARLSBAD HWY
 COMPANY REP(S): KELLY MACLASKEY
 NMOC REP(S): WAYNE PRICE, MARK ASHLEY, PAT SANCKBZ
 SERVICE COMPANY TYPE: OIL FIELD TRUCKING

1. LAB PRESENT (YES / (NO))
2. Below grade sumps or tanks. ((YES) / NO)
3. Class IV or V Injection well(s). ((YES) / NO)
4. Surface impoundments (pits) of any kind. (YES / (NO))
5. Hazardous shop solvents present. (YES / NO) TBD
6. All tank/drum/fuel/lube oils stored onsite meet OCD guidelines for service company facilities. (i.e. berming and pad and curb type containments.) (YES / (NO)) DIESEL SOLVENT ONLY
7. A written spill contingency plan posted/available and implemented at the facility. (Can be viewed at the facility by OCD) (YES / (NO))
8. Wet paint waste stored at the facility-all paint cans dried before disposal. (YES / NO) NA
9. All wash facilities for vehicles on a pad and curb type containment. ((YES) / NO)
10. Maximum volumes: ((YES) / NO)
 - A. Chemical type drums < 25 @ 55 gal/drum or an aggregate volume of 1375 gal of chemical product.
 - ✓ B. Fuel < 660 gal in above grade tank(s)
 - C. Used oil < 660 gal in above grade tank(s)
 - D. Lube oil < 660 gal in above grade tank(s)
 - E. Maximum total volume of A thru D < 3355 gal
11. All wastes such as empty drums, buckets, oil filters, and etc stored/disposed by an OCD approved method. (YES / (NO)) USED OIL TIE
12. All items that contain fluids are properly labelled. ((YES) / NO)
13. All stormwater contained within the facility. ((YES) / NO)

COMMENTS:

LEECH FIELD NEEDS TO BE INVESTIGATED!
NEED TO ISOLATE WASHBAY SUMP FROM
LEECH FIELD.



Kelly MacLasky Outfield Services, Inc.

Crude Oil Purchasing and Transportation
Hot Oilers • Vacuum Trucks

KELLY L. MACLASKEY
Res. (505) 397-6548
Mot. (505) 366-6237

Off. (505) 393-1016
P.O. Box 580
Hobbs, New Mexico 88241

DATE: 9/12/95 TIME: 2:00 PM

5900 W. Carlsbad Blvd.
Mr. Kelly MacLasky.

1.) Sewage - Septic/Leach
Toilet & Sink water.

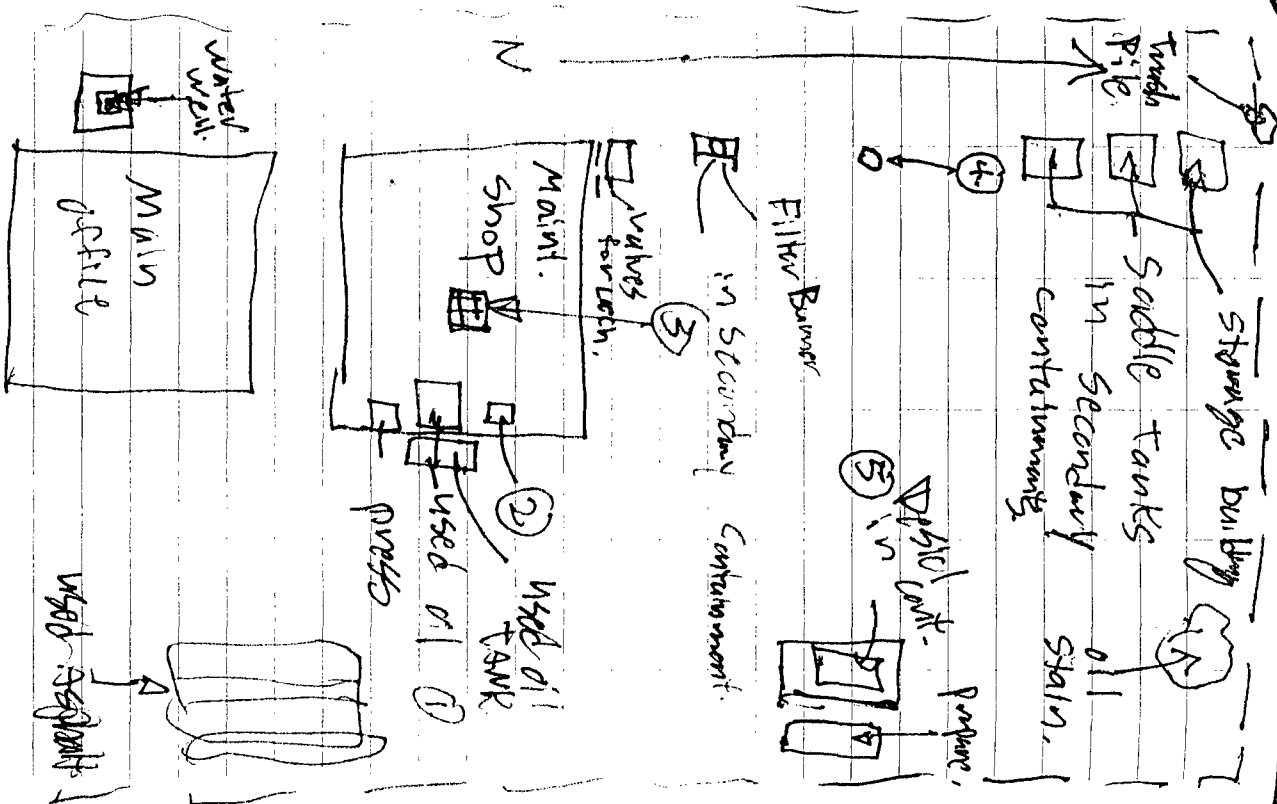
2.) No labs on the facility.

3.) Water/Oil hauler.
Hot Oilers, VAC.,
pump trucks.

4.) Don't currently operate
any 711 Facilities.

5.) Waste Management -
Handles domestic waste.

TIME: 1:10 pm



- ① O:1 Pan - filters are crushed and hot drained.
- ② Parts washer - varse 1 Mixed w/ motor oil.

* (3) Sump - water / sludge
hauled off by Los Angeles
septic

(4) Wash out (clean out)
shop sump connected closed
w/ valve.

~~X~~ Wash. Swamp. Dimorphous

$$6^1 \times 3^1 \times 6^1$$

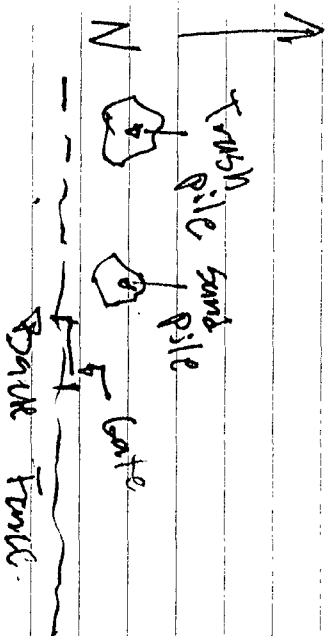
(4) Not currently in Communication
- w/ beach field

Gravel Barn.

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

↓ Tanks (500 BBL)

- Brines stand well.
- BSW stand well.
- Allowed to separate - oil & water - oil sold -



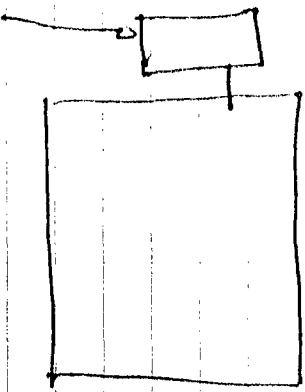
DATE: 1/12/95 TIME: 2:25 PM

- Stop oil

- LACT Unit Bitans

- Need to cover up
Exempt. or Non-Exempt.

Seal Oil like petroleum.



used oil Tank 2000 gal -
3/4 full -
Leak oil & solvent.

- Been here 1 yr.
- could be a PCB Problem.



MACLASKEY

9/12/95

PWS

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505-393-1016

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