

GW - 25

**GENERAL
CORRESPONDENCE**

YEAR(S):

2007-1989

Chavez, Carl J, EMNRD

From: Price, Wayne, EMNRD
Sent: Friday, June 06, 2008 11:54 AM
To: Michelle Green
Cc: Johnson, Larry, EMNRD; tyoung@targaresources.com; jlingnau@targaresources.com; VonGonten, Glenn, EMNRD; Chavez, Carl J, EMNRD
Subject: RE: Scheduled Sampling Events

Dear Michelle, in the future please CC Glenn VonGonten and Carl Chavez

From: Michelle Green [mailto:michelle@laenvironmental.com]
Sent: Friday, June 06, 2008 11:49 AM
To: Price, Wayne, EMNRD
Cc: Johnson, Larry, EMNRD; tyoung@targaresources.com; jlingnau@targaresources.com
Subject: Scheduled Sampling Events

Hello Everyone,

The following Semi-Annual Groundwater Sampling events for Targa Resources, Inc. are scheduled for the following:

Week of June 9-11, 2008

Targa

Monument Gas Plant

GW-025

Unit Letter N (SE/4, SW/4), Section 36, Township 19 South, Range 36 East

Lea County, New Mexico

Week of June 23-25, 2008

Targa

Eunice Middle Gas Plant

GW-005

Unit Letter B (NW/4, NE/4), Section 3, Township 22 South, Range 37 East

Lea County, New Mexico

If you need additional information please let me know.

Thank you,

Michelle L. Green
Larson & Associates, Inc.
507 N Marienfeld, Suite 200
Midland, TX 79701

Office: 432.687.0901

6/10/2008

Fax: 432.687.0456

Cell: 432.934.3231



This inbound email has been scanned by the MessageLabs Email Security System.

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient (s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

6/10/2008

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

2007 FEB 14 AM 10:22
OPERATOR

☒ Initial Report ☒ Final Report

Name of Company: Targa Midstream Services L P	Contact: Todd Young
Address: PO Box 67, Monument, NM 88265	Telephone No. (505) 393-2823 ext 234
Facility Name: Monument Gas Plant	Facility Type

Surface Owner: Cooper	Mineral Owner:	Lease No.
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	36	19S	36E	N/S	N/S	N/S		Lea

Latitude 32°36'36.4"N Longitude 103°18'41.17"W

NATURE OF RELEASE

Type of Release: Flared Natural Gas	Volume of Release: 168 mcf	Volume Recovered: Gas Flared
Source of Release: Emergency Flare	Date and Hour of Occurrence: 1/31/07 9:00 AM	Date and Hour of Discovery: 1/31/07 9:00 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Gary via pager	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

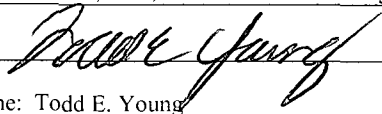
Describe Cause of Problem and Remedial Action Taken. *

Residue from the plant was flared when the El Paso Recompression Station lost its large residue recompressor intermediately due to carbon buildup. This reduction in capacity caused the pressure to increase on our system and as a result, the pressure control valve opened to flare to relieve the pressure. Operations personnel notified Gas Control in an effort to move residue gas off of El Paso to minimize flaring. Gas volumes were moved off the Monument system to try and match system capacities to minimize flaring. Residue gas was moved off the low pressure system to El Paso's HP system in an attempt to increase capacity. El Paso was able to lower discharge pressure on the system to increase capacity.

Describe Area Affected and Cleanup Action Taken.*

Flare yard area checked - no impact.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION		
Printed Name: Todd E. Young	Approved by District Supervisor:		
Title: Monument Area Manager	Approval Date:	Expiration Date:	
E-mail Address: tyoung@targaresources.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 2/7/07	Phone: (505) 393-2823 ext 234		

* Attach Additional Sheets If Necessary

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Friday, June 30, 2006 8:05 AM
To: 'Mark Larson'
Subject: Monument Gas Plant (GW-025) GW Monitoring Extension

*Q. W. and
6/30*

Mark:

Good morning. I received your voice mail message requesting an extension to the groundwater sampling program to the week of July 10, 2006. The OCD hereby approves your request. Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3491
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: <http://www.emnrd.state.nm.us/oed/>
(Pollution Prevention Guidance is under "Publications")

Lou Holtz says..... Do what is right....Do the best you can....& Treat others as you would like to be treated.

6/30/2006

Martin, Ed, EMNRD

From: Price, Wayne, EMNRD
Sent: Tuesday, May 09, 2006 3:04 PM
To: Wrangham, Calvin
Cc: Martin, Ed, EMNRD
Subject: RE:

Approved. Please include this approval in your current discharge plan file.

From: Wrangham, Calvin [mailto:CWrangham@targaresources.com]
Sent: Tuesday, May 09, 2006 3:04 PM
To: Price, Wayne, EMNRD
Subject:

Wayne as per our telephone conversation: during the recent plant shutdowns the Monument Plant replaced the mole sieve dehydration catalyst (54,000 lbs.) and the iron sponge (20 cu. yds.). The facility Discharge Plan (GW-025) lists this waste stream as going to Waste Management (Lea County Landfill). This material has been analyzed and is characterized non-hazardous. The facility has this material in vacuum containers that are owned by Control Recovery Inc. (CRI) PO Box 388 Hobbs, NM 88240.

The Monument Facility requests permission to dispose of this material at CRI. Please reply.

Thanks, Cal.

5/9/2006

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Wednesday, May 10, 2006 12:28 PM
To: 'mark@laenvironmental.com'
Cc: Price, Wayne, EMNRD
Subject: FW: Brine Pond #1 Investigation and Closure Plan, Targa Midstream Services, L.P., Monument Gas Plant (GW-025), Unit Letter N ("SE/4, SW/4"), Section 36, Township 19 South, Range 36 East, Lea County, New Mexico, March 3, 2006, Closure Investigation



OCD Review of
Brine Pond #1 In...

Mark:

Good afternoon. I reviewed my original review comments of the Brine Pond #1 Investigation & Closure Plan for the Monument Gas Plant (GW-025). After reviewing the OCD guidance that you mentioned to me regarding field PID sampling, please disregard Section 2 of my comments if you prefer to follow the OCD's Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993) at http://www.emnrd.state.nm.us/emnrd/ocd/documents/7C_spill1.pdf.

Section 1 (see attachment) sample depths and locations still apply. Can you tell me the mil thickness of the HDPE liner that was removed? Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3491
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/> (Pollution Prevention Guidance is under "Publications")

-----Original Message-----

From: Chavez, Carl J, EMNRD
Sent: Wednesday, April 12, 2006 7:56 AM
To: 'mark@laenvironmental.com'
Cc: Price, Wayne, EMNRD; Johnson, Larry, EMNRD; 'cwrangham@targaresources.com'; 'tyoung@targaresources.com'
Subject: RE: Brine Pond #1 Investigation and Closure Plan, Targa Midstream Services, L.P., Monument Gas Plant (GW-025), Unit Letter N ("SE/4, SW/4"), Section 36, Township 19 South, Range 36 East, Lea County, New Mexico, March 3, 2006, Closure Investigation

Mr. Larson:

Please find attached the OCD's comments and recommendations regarding the Brine Pond #1 Investigation (GW-025). Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3491
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us

Website: <http://www.emnrd.state.nm.us/ocd/> (Pollution Prevention Guidance is under "Publications")

-----Original Message-----

From: Price, Wayne, EMNRD
Sent: Tuesday, April 04, 2006 9:57 AM
To: Chavez, Carl J, EMNRD
Subject: FW: Brine Pond #1 Investigation and Closure Plan, Targa Midstream Services, L.P., Monument Gas Plant (GW-025), Unit Letter N ("SE/4, SW/4"), Section 36, Township 19 South, Range 36 East, Lea County, New Mexico, March 3, 2006, Closure Investigation

Please handle

-----Original Message-----

From: Mark Larson [mailto:mark@laenvironmental.com]
Sent: Tuesday, April 04, 2006 7:20 AM
To: Price, Wayne, EMNRD
Cc: cwrangham@targaresources.com; tyoung@targaresources.com; Williams, Chris, EMNRD; Sheeley, Paul, EMNRD; Johnson, Larry, EMNRD; Caperton, Patricia, EMNRD
Subject: Re: Brine Pond #1 Investigation and Closure Plan, Targa Midstream Services, L.P., Monument Gas Plant (GW-025), Unit Letter N ("SE/4, SW/4"), Section 36, Township 19 South, Range 36 East, Lea County, New Mexico, March 3, 2006, Closure Investigation

Dear Mr. Price: This message is submitted to the New Mexico Oil Conservation Division ("OCD") on behalf of Targa Midstream Services, L.P. ("TMS") by Larson and Associates, Inc. ("LA"), its consultant, and requests approval of the above-referenced document, which was submitted to the OCD on March 3, 2006. Your approval is requested. Please contact Mr. Cal Wrangham with TMS at (432) 688-0452 or email cwrangham@targaresources.com. I may be reached with questions at the contact information listed below.

Sincerely,

Mark J. Larson
Sr. Project Manager/President
Larson and Associates, Inc.
507 N. Marienfeld Street, Suite 202
Midland, Texas 79701
(432) 687-0901 (Office)
(432) 687-0456 (Fax)
(432) 556-8656 (Cell)
mark@laenvironmental.com

**OCD- EB Review of Brine Pond #1 Investigation & Closure Plan for Monument
Gas Plant (GW-025) dated March 3, 2006**
By Carl Chavez

Date: April 10, 2006

General observations:

1) The sampling depths are not specified.

- a. While the 5 sample locations are appropriate, the depth of sampling shall be as follows: 1) Center boring sample to be collected at 30 ft. below ground level (bgl); 2) Corner boring samples collected at 5 ft increments down to 15 ft; and 3) Best professional judgment (i.e., soil discoloration, olfactory senses, silt zones, etc.) in identifying discreet vertical sample locations based on site-specific conditions shall be applied and required additional sampling to the above requirements.

2) The field PID sampling method appears to be lacking in QA/QC and standard protocol for collecting on-site analytical results.

- a. Should provide PID model with lamp electro volt specification to ensure it will detect VOCs
- b. Utilize standard VOC sample containers with septums for more accurate headspace gas field analysis (i.e., to prevent the escape of volatile organic compounds out of the jar).
- c. Syringe extraction from 40 ml vial w/ soil sample (usually 1 gram or cubic centimeter plug of soil) with immediate injection into tevlar bag. PID connection to tevlar bag for analytical should begin immediately following syringe injection into tevlar bag. Targa Midstream Services, L.P. is proposing to use 4 and 8 ounce jars with aluminum foil placed over the top and waiting 30 minutes before removing aluminum and analyzing with PID. VOCs are expected to escape using containers without septums and following their current procedures.
- d. Photo Ionization Detectors (PIDs) should be monitoring background and throughout the sampling process and for detection of air vapors at sample collection points during drilling procedures. The standard sample procedure is to split-spoon core down to 15 ft. and 30 ft. depths with PID readings of cores as they are retrieved. It is important to log of the cores for any discolorations, odors, etc. should be recorded and documented for OCD review.

3) Removed liner.

- a. What mil thickness of HDPE liner was removed for our records?

*Will follow
OCD guidelines
on PID sampling
Carl Chavez
6/2006*

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Wednesday, April 12, 2006 7:56 AM
To: 'mark@laenvironmental.com'
Cc: Price, Wayne, EMNRD; Johnson, Larry, EMNRD; 'cwrangham@targaresources.com'; 'tyoung@targaresources.com'
Subject: RE: Brine Pond #1 Investigation and Closure Plan, Targa Midstream Services, L.P., Monument Gas Plant (GW-025), Unit Letter N ("SE/4, SW/4"), Section 36, Township 19 South, Range 36 East, Lea County, New Mexico, March 3, 2006, Closure Investigation



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Brine Pond #1 In...

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Carl J. Chavez, CHMM
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Sr. Project Manager/President

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(432) 687-0456 (Fax)
(432) 556-8656 (Cell)
mark@laenvironmental.com

**OCD- EB Review of Brine Pond #1 Investigation & Closure Plan for Monument
Gas Plant (GW-025) dated March 3, 2006
By Carl Chavez**

Date: April 10, 2006

General observations:

- 1) The sampling depths are not specified.
 - a. While the 5 sample locations are appropriate, the depth of sampling shall be as follows: 1) Center boring sample to be collected at 30 ft. below ground level (bgl); 2) Corner boring samples collected at 5 ft increments down to 15 ft; and 3) Best professional judgment (i.e., soil discoloration, olfactory senses, silt zones, etc.) in identifying discreet vertical sample locations based on site-specific conditions shall be applied and required additional sampling to the above requirements.
- 2) The field PID sampling method appears to be lacking in QA/QC and standard protocol for collecting on-site analytical results.
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- 3) Removed liner.
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Chavez, Carl J, EMNRD

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Subject: Re: Brine Pond #1 Investigation and Closure Plan, Targa Midstream Services, L.P., Monument Gas Plant (GW-025), Unit Letter N ("SE/4, SW/4"), Section 36, Township 19 South, Range 36 East, Lea County, New Mexico, March 3, 2006, Closure Investigation

Dear Mr. Price: This message is submitted to the New Mexico Oil Conservation Division ("OCD") on behalf of Targa Midstream Services, L.P. ("TMS") by Larson and Associates, Inc. ("LA"), its consultant, and requests approval of the above-referenced document, which was submitted to the OCD on March 3, 2006. Your approval is requested. Please contact Mr. Cal Wrangham with TMS at (432) 688-0452 or email cwrangham@targaresources.com. I may be reached with questions at the contact information listed below.

Sincerely,

Mark J. Larson
Sr. Project Manager/President
Larson and Associates, Inc.
507 N. Marienfeld Street, Suite 202
Midland, Texas 79701
(432) 687-0901 (Office)
(432) 687-0456 (Fax)
(432) 556-8656 (Cell)
mark@laenvironmental.com

February 25, 2006

2006 MAR 2 PM 12 57

VIA: CERTIFIED MAIL

Mr. Wayne Price, Chief
New Mexico Oil Conservation Division - Environmental Bureau
State of New Mexico
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

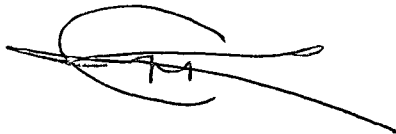
**Re: 2005 Annual Ground Water Monitoring Report, Targa Midstream Services,
L.P., Monument Gas Plant (GW-025), Lea County, New Mexico**

Dear Mr. Price:

The above-referenced report is submitted to the State of New Mexico Oil Conservation Division ("OCD") on behalf of Targa Midstream Services, L.P. ("TMS") by Larson and Associates, Inc. ("LA"), its consultant, and presents the results of ground water monitoring conducted at its Monument Gas Plant (GW-025) during 2005. Please call Mr. Cal Wrangham at (432) 688-0542 or myself at (432) 687-0901. You may also contact us by e-mail at cwrangham@targaresources.com or Mark@LAEnvironmental.com.

Sincerely,

Larson and Associates, Inc.



Mark J. Larson, CPG, CGWP
Sr. Project Manager/President

Encl.

cc: Cal Wrangham/TMS
Todd Young/TMS
Charlie Hayes/TMS
Chris Williams/OCD - District 1

THE SANTA FE
● **NEW MEXICAN**
Founded 1849

RECEIVED
JUL 19 2005
OIL CONSERVATION
DIVISION

NM OIL CONSERVATION DIV

Attn: Wayne Price

1220 ST. FRANCIS DR

SANTA FE NM 87505

ALTERNATE ACCOUNT: 56689

AD NUMBER: 00128346 ACCOUNT: 00002212

LEGAL NO: 77405 P.O. #: 06-199-050125

337 LINES 1 TIME(S) 148.28

AFFIDAVIT: 5.50

TAX: 11.63

TOTAL: 165.41

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, B. Perner, 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 # 77405 a copy of which is hereto attached was published in said newspaper 1 day(s) between 07/15/2005 and 07/15/2005 and that the notice was published in the newspaper proper and not in any supplement; the first date of publication being on the 15th day of July, 2005 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/s/ B Perner
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 15th day of July, 2005

Notary Laura E. Harding

Commission Expires: 11/23/07

*Approved 7/29/05
w/ri dcd*

**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 permit application(s) has been submitted to the Director of the Oil Conservation Division, 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

**NOTICE OF
PUBLICATION**

(GW-25) Dynegy Midstream Services, LP, Cal Wrangham, 6 Desta Drive, Suite 3300, Midland, Texas 79705, has submitted a renewal application for the previously approved discharge plan for their Monument Gas Processing Plant located in SW/4, Section 36, Township 19 South, Range 36 East, NW/4, Section 1, Township 20 South, Range 36 East, NMPM, Lea County, New Mexico. Approximately 42,000 gallons per day of wastewater is disposed of in an OCD approved Class II injection well. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 35 to 60 feet with a total dissolved solids concentration ranging from 500 to 3,000 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-26) Dynegy Midstream Services, LP, Cal Wrangham, 6 Desta Drive, Suite 3300, Midland, Texas 79705,

has submitted a renewal application for the previously approved discharge plan for their Saunders Gas Processing Plant located Section 34, Township 14 South, Range 33 East, NMPM, Lea County, New Mexico. Approximately 18,900 gallons per day of process wastewater is disposed of in an OCD approved Class II injection well. The wastewater has a total dissolved solids concentration of approximately 3881 mg/l. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 600 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-27) Dynegy Midstream Services, LP, Cal Wrangham, 6 Desta Drive, Suite 3300, Midland, Texas 79705, has submitted a renewal application for the previously approved discharge plan for their Vada Compressor Station located in Section 23, Township 10 South, Range 33 East, NMPM, Lea County, New Mexico. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 35 feet with a total dissolved solids concentration of approximately 1000 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil

Conservation Division at the address given above. The discharge permit application and draft discharge permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. The draft discharge permit may also be viewed at OCD's web site <http://www.emnrd.state.nm.us/oed/>. Prior to ruling on any proposed discharge permit 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 and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 8th day of July 2005.

**STATE OF
NEW MEXICO
OIL CONSERVATION
DIVISION**

S E A L

Mark Fesmire,
Director
Legal #77405
Pub. July 15, 2005

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 6/20/05
or cash received on _____ in the amount of \$ 300⁰⁰
from VERSADO GAS - ANYBEGY
for VADA COMP/MONUMENT GAS PLANT/SAUNDERS GAS PLANT/GW-027, GW-025, GW-026
Submitted by: WAYNE PRICE (Family Name) Date: 6/28/05 (DP No.)
Submitted to ASD by: [Signature] Date: "
Received in ASD by: _____ Date: _____
Filing Fee ☒ New Facility _____ Renewal _____
Modification _____ Other _____ (Optional)

Organization Code 521.07 Applicable FY 20004

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

■ VERIFY THE AUTHENTICITY OF THIS MULTI-TONE SECURITY DOCUMENT. ■ CHECK BACKGROUND AREA CHANGES COLOR GRADUALLY FROM TOP TO BOTTOM

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HOUSTON, TEXAS 77002-5050
(877) 672-1449

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Payable Through First USA Bank, NA

6228
311
0934623

PAY Three Hundred and NO/100 Dollars

CHECK NO.

CHECK DATE

PAY EXACTLY

06/ 20/ 05

\$*****300.00

Void After 90 Days

TO THE ORDER OF

WATER QUALITY MANAGEMENT FUND
c/o Oil Conservation Division
1220 S St Francis Dr
Santa Fe NM 87505

VERSADO GAS PROCESSORS, L.L.C.

[Signature]

VICE PRESIDENT
AUTHORIZED SIGNATURE

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 permit application(s) has been submitted to the Director of the Oil Conservation Division, 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

NOTICE OF PUBLICATION

(GW-25) Dynegy Midstream Services, LP, Cal Wrangham, 6 Desta Drive, Suite 3300, Midland, Texas 79705, has submitted a renewal application for the previously approved discharge plan for their Monument Gas Processing Plant located in SW/4, Section 36, Township 19 South, Range 36 East, NW/4, Section 1, Township 20 South, Range 36 East, NMPM, Lea County, New Mexico. Approximately 42,000 gallons per day of wastewater is disposed of in an OCD approved Class II injection well. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 35 to 60 feet with a total dissolved solids concentration ranging from 500 to 3,000 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-26) Dynegy Midstream Services, LP, Cal Wrangham, 6 Desta Drive, Suite 3300, Midland, Texas 79705, has submitted a renewal application for the previously approved discharge plan for their Saunders Gas Processing Plant located Section 34, Township 14 South, Range 33 East, NMPM, Lea County, New Mexico. Approximately 18,900 gallons per day of process wastewater is disposed of in an OCD approved Class II injection well. The wastewater has a total dissolved solids concentration of approximately 3881 mg/l. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 600 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-27) Dynegy Midstream Services, LP, Cal Wrangham, 6 Desta Drive, Suite 3300, Midland, Texas 79705, has submitted a renewal application for the previously approved discharge plan for their Vada Compressor Station located in Section 23, Township 10 South, Range 33 East, NMPM, Lea County, New Mexico. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 35 feet with a total dissolved solids concentration of approximately 1000 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge permit application and draft discharge permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. The draft discharge permit may also be viewed at OCD's web site <http://www.emnrd.state.nm.us/ocd/>. Prior to ruling on any proposed discharge permit 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 and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 8th day of July 2005.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

S E A L

Mark Fesmire, Director

Dynegy Midstream Services, Limited Partnership
6 Desta Drive, Suite 3300
Midland, TX 79705
Phone 432-688-0555
Fax 432-688-0552
www.dynegy.com



June 13, 2005

Wayne Price
Environmental Engineer
Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, New Mexico 87505

**Discharge Plan GW-025 Renewal
Monument Gas Processing Plant**

Dear Sir:

Dynegy Midstream Services, L. P. would like to renew the Monument Plant Discharge Plan as required by WQCC Sec. 3106.

Please find the attached the renewal form and a check in the amount of \$100.00, which constitutes the filing fee for the Discharge Plan renewal.

Please call me with any questions, Office (432) 688-0542 Cell (432) 425-7072.

Sincerely,

A handwritten signature in black ink, appearing to read "Cal Wrangham". The signature is fluid and cursive, with a long horizontal stroke at the end.

Cal Wrangham
Permian Basin Region ES&H Advisor

Cc: Mr. Chris Williams, Hobbs District 1 Office

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

State of New Mexico
Energy Minerals and Natural Resources

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

Revised June 10, 2003

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

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

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

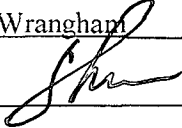
☐ New ☒ Renewal ☐ Modification

1. Type: Monument Gas Processing Plant
2. Operator: Dynegy Midstream Services, L. P.
Address: PO Box 67 Monument, NM (3 miles SW of Monument on Hwy 322)
Contact Person: Cal Wrangham Phone: (432) 688-0542
3. Location: SW /4 /4 Section 36 Township 19 South Range 36 East
Submit large-scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site. **See on file at OCD**
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
See on file at OCD
6. Attach a description of all materials stored or used at the facility. **See on file at OCD**
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of wastewater must be included. **See on file at OCD**
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures. **See on file at OCD**
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems. **See on file at OCD**
10. Attach a routine inspection and maintenance plan to ensure permit compliance. **See on file at OCD**
11. Attach a contingency plan for reporting and clean-up of spills or releases. **See on file at OCD**
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
See on file at OCD
12. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders. **See on file at OCD**

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: Cal Wrangham

Title: ES&H Specialist

Signature: 

Date: June 13, 2005

E-mail Address: cwwr@dynegy.com

May 16, 2005

Mr. Wayne Price
Environmental Bureau
Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

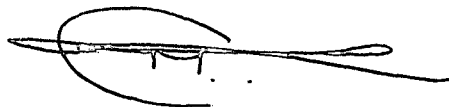
**Re: 2004 Annual Groundwater Monitoring Report, Dynegy Midstream Services,
L. P., Monument Gas Plant, (GW-025), SE/4, SW/4, Section 36, Township 19
South, Range 36 East, Lea County, New Mexico**

Dear Mr. Price:

Please find the enclosed report, which is submitted on behalf of Dynegy Midstream Services, L. P. ("Dynegy"), and presents the results of groundwater monitoring conducted at the Monument Gas Plant by Larson and Associates, Inc. Please call Cal Wrangham at (432) 688-0452 or myself at (432) 687-0901 if you have questions. We may also be reached by email at Cal.Wrangham@Dynegy.com or Mark@LAEnvironmental.com.

Sincerely,

Larson and Associates, Inc.



Mark J. Larson
Senior Hydrogeologist/President

cc: Cal Wrangham
James Lingnau
Oscar DeLeon
Chris Williams

Price, Wayne

From: Price, Wayne
Sent: Wednesday, May 18, 2005 1:09 PM
To: Cal Wrangham (E-mail); Mark Larson (E-mail)
Cc: Sheeley, Paul; Johnson, Larry; Anderson, Roger
Subject: Dynegy Monument Gas Plant GW-025 Groundwater report

Dear Mr. Wrangham and Larson:

During the technical meeting held on May 17, 2005 Dynegy submitted the annual 2004 groundwater report for the above referenced site. During the meeting OCD indicated that due to the extreme groundwater rise (6-8 feet) in level over the past year Dynegy will be required to obtain a down gradient monitoring point from the site. The discussion centered on a point down gradient of WP-4 and WP-4R. In addition, OCD will require one monitoring point down gradient from WP-12 and WP-14.

Please submit for OCD approval a plan to address this issue by June 15, 2005.

Sincerely:

Wayne Price
New Mexico Oil Conservation Division
1220 S. Saint Francis Drive
Santa Fe, NM 87505
505-476-3487
fax: 505-476-3462
E-mail: WPRICE@state.nm.us
bmitted

Price, Wayne

From: Price, Wayne
Sent: Tuesday, November 16, 2004 3:48 PM
To: Cal Wrangham (E-mail); Mark Larson (E-mail)
Subject: GW-025 DEA remediation

OCD is in receipt of the closure request dated July 01, 2003. Your request is hereby approved!

Please be advised that NMOCD approval of this plan does not relieve (Dynergy) of liability should their operations fail to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve (Dynergy) of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Sincerely:

Wayne Price
New Mexico Oil Conservation Division
1220 S. Saint Francis Drive
Santa Fe, NM 87505
505-476-3487
fax: 505-476-3462
E-mail: WPRICE@state.nm.us

Price, Wayne

From: Price, Wayne
Sent: Friday, May 28, 2004 11:01 AM
To: 'Mark Larson'; Price, Wayne
Cc: cwwr@dynegy.com
Subject: RE: Groundwater Discharge Plan (GW-025)

OCD hereby approves of the plan and requests.

Please be advised that NMOCD approval of this plan does not relieve (Dynegy) of liability should their operations fail to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve (Dynegy) of responsibility for compliance with any other federal, state, or local laws and/or regulations.

-----Original Message-----

From: Mark Larson [mailto:mark@laenvironmental.com]
Sent: Friday, May 28, 2004 9:54 AM
To: Price, Wayne
Cc: cwwr@dynegy.com
Subject: Re: Groundwater Discharge Plan (GW-025)

Dear Mr. Price:

Per our telephone conversation on Thursday, May 27, 2004, regarding the report titled, "Groundwater Discharge Plan Renewal Investigation Report, Dynegy Midstream Services, L.P., Monument Gas Plant (GW-025), U.L. N, Section 36, Township 19 South, Range 36 East, Lea County, New Mexico", Dynegy Midstream Services, L.P. requests the following:

1. Closure approval for the area located west of the plant, and between the gas well storage ponds (Item 14A) where debris identified during NMOCD inspection was hauled to a New Mexico licensed disposal facility;
2. Approval to excavate residual contaminated soil from spill area west of the oil/water secondary containment in accordance with procedures presented in the above-referenced document, and submittal of a closure report to NMOCD following completion ; and
3. Closure approval for the no. 2 gas storage well brine pond. Please call me (432) 687-0901 or email mark@LAenvironmental.com.

Mark J. Larson
Larson and Associates, Inc.
507 N. Marienfeld Street, Suite 202
Midland, Texas 79701
(432) 687-0901 (Office)
(432) 687-0456 (Fax)
(432) 556-8656 (Mobile)

This email has been scanned by the MessageLabs Email Security System.
For more information please visit <http://www.messagelabs.com/email>



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop
Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

February 3, 2004

Mr. J.D. Morris
Dynergy Midstream Services, L.P.
1000 Louisiana St., Suite 5800
Houston, Texas 77002

**RE: GROUND WATER REMEDIATION
MONUMENT GAS PLANT (GW-25)
MONUMENT, NEW MEXICO**

Dear Mr. Morris:

On January 23, 2004, the New Mexico Oil Conservation Division (OCD) approved Dynergy Midstream Services, L.P.'s (Dynergy) January 21, 2004 "REQUEST FOR EXTENSION FOR GROUNDWATER INVESTIGATION, DYNERGY MIDSTREAM SERVICES, L.P., MONUMENT GAS PLANT (GW-025), UNIT LETTER N, SECTION 36, TOWNSHIP 19 SOUTH, RANGE 37 EAST, LEA COUNTY, NEW MEXICO" which requested permission to extend the deadline for submission of a final report on the installation of additional monitoring wells at the Monument Gas Plant until June 30, 2004.

A review of the GW-25 case file shows that OCD's approval letter was mistakenly dated September 10, 2003 instead of January 23, 2004. Enclosed you will find a corrected approval letter for your records.

If you have any questions, please contact me at (505) 476-3491.

Sincerely,

William C. Olson
Hydrologist
Environmental Bureau

Enclosure

cc: Chris Williams, OCD Hobbs District Supervisor
Mark Larson, Larson & Associates, Inc.



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop
Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

January 23, 2004

Mr. J.D. Morris
Dynergy Midstream Services, L.P.
1000 Louisiana St., Suite 5800
Houston, Texas 77002

**RE: GROUND WATER REMEDIATION
MONUMENT GAS PLANT (GW-25)
MONUMENT, NEW MEXICO**

Dear Mr. Morris:

The New Mexico Oil Conservation Division (OCD) has reviewed Dynergy Midstream Services, L.P.'s (Dynergy) January 21, 2004 "REQUEST FOR EXTENSION FOR GROUNDWATER INVESTIGATION, DYNERGY MIDSTREAM SERVICES, L.P., MONUMENT GAS PLANT (GW-025), UNIT LETTER N, SECTION 36, TOWNSHIP 19 SOUTH, RANGE 37 EAST, LEA COUNTY, NEW MEXICO" which was submitted by Dynergy's consultant Larson & Associates, Inc. This document contains Dynergy's request for an extension of the deadline to submit a final report based upon Dynergy's previously submitted June 27, 2003 work plan which was approved by the OCD on September 10, 2003.

The request to submit a final report by June 30, 2004 on the work plan for installation of additional monitoring wells to determine downgradient and lateral extent of ground water contamination related to the Monument Gas Plant is approved.

If you have any questions, please contact me at (505) 476-3491.

Sincerely,

William C. Olson
Hydrologist
Environmental Bureau

cc: Chris Williams, OCD Hobbs District Supervisor



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

September 10, 2003

January 23, 2004
WJ

Mr. J.D. Morris
Dynergy Midstream Services, L.P.
1000 Louisiana St., Suite 5800
Houston, Texas 77002

**RE: GROUND WATER REMEDIATION
MONUMENT GAS PLANT (GW-25)
MONUMENT, NEW MEXICO**

Dear Mr. Morris:

The New Mexico Oil Conservation Division (OCD) has reviewed Dynergy Midstream Services, L.P.'s (Dynergy) January 21, 2004 "REQUEST FOR EXTENSION FOR GROUNDWATER INVESTIGATION, DYNERGY MIDSTREAM SERVICES, L.P., MONUMENT GAS PLANT (GW-025), UNIT LETTER N, SECTION 36, TOWNSHIP 19 SOUTH, RANGE 37 EAST, LEA COUNTY, NEW MEXICO" which was submitted by Dynergy's consultant Larson & Associates, Inc. This document contains Dynergy's request for an extension of the deadline to submit a final report based upon Dynergy's previously submitted June 27, 2003 work plan which was approved by the OCD on September 10, 2003.

The request to submit a final report by June 30, 2004 on the work plan for installation of additional monitoring wells to determine downgradient and lateral extent of ground water contamination related to the Monument Gas Plant is approved.

If you have any questions, please contact me at (505) 476-3491.

Sincerely,

William C. Olson
Hydrologist
Environmental Bureau

cc: Chris Williams, OCD Hobbs District Supervisor

RECEIVED

JAN 23 2004

January 21, 2004

Via Facsimile: (505) 476-3462

Mr. William C. Olson
New Mexico Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Re: Request for Extension for Groundwater Investigation, Dynegy Midstream Services, L.P., Monument Gas Plant (GW-025), Unit Letter N, Section 36, Township 19 South, Range 36 East, Lea County, New Mexico

Dear Mr. Olson:

On April 24, 2003, the New Mexico Oil Conservation Division (NMOCD) issued a letter to Dynegy Midstream Services, L.P. (DMS) requesting DMS to submit a work plan for definition of the lateral and vertical extent of hydrocarbon contamination in groundwater south and east of its Monument Gas Plant (Site). During a meeting in December 2003, DMS had requested an extension for submitting information to the NMOCD until January 2004, and proposed collecting groundwater samples from monitoring wells installed by Climax Chemical Corp. (Climax) east and south of the Site. A field reconnaissance and review of available documents concludes that Climax had collected groundwater samples from temporary wells that were later plugged and abandoned. No permanent wells were found, therefore, DMS requests an extension to provide information to the NMOCD regarding the delineation of groundwater contamination east and south of the Site. A work plan for installing monitoring wells will be prepared, and a final report will be submitted to the NMOCD on or before June 30, 2004. Please call Mr. Cal Wrangham with DMS (432) 688-0542 or myself at (432) 687-0901 if you have questions. We may also be contacted by e-mail at Cal.Wrangham@Dynegy.com or Mark@LAenvironmental.com.

Sincerely,

Larson and Associates, Inc.



Mark J. Larson, CPG, CGWP
President

Encl.

cc: Cal Wrangham - Dynegy
James Lingnau - Dynegy
Chris Williams - NMOCD, District I

FAX

DATE: January 21, 2004

TO: Bill Olson

WITH: New Mexico Oil Conservation Division
Santa Fe, New Mexico

FAX: (505) 476-3462

FROM: Mark J. Larson

WITH: Larson and Associates, Inc.

cc:

PAGES (with cover): 2

Re: Request for Extension, Dynegy Midstream Services, L.P., Monument
Gas Plant, Lea County, New Mexico

Larson and Associates, Inc.
507 N. Marienfeld Street
Suite 202
Midland, Texas 79701
(432) 687-0901 (office)
(432) 687-0456 (fax)
mark@LAenvironmental.com

Please call (432) 687-0901 if this transmittal is not legible



January 21, 2004

Via Facsimile: (505) 476-3462

Mr. William C. Olson
New Mexico Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

Re: Request for Extension for Groundwater Investigation, Dynegy Midstream Services, L.P., Monument Gas Plant (GW-025), Unit Letter N, Section 36, Township 19 South, Range 36 East, Lea County, New Mexico

Dear Mr. Olson:

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Sincerely,

Larson and Associates, Inc.

Mark J. Larson, CPG, CGWP
President

Encl.

cc: Cal Wrangham - Dynegy
James Lingnau - Dynegy
Chris Williams - NMOCD, District I

Ed Martin

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

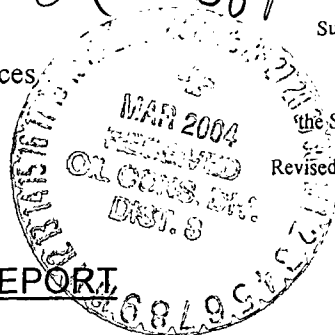
State of New Mexico
Energy Minerals and Natural Resources

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

OK - OGF 7/6/04

Submit 1 copy to
appropriate
District Office
and 1 copy to
the Santa Fe Office

Revised June 10, 2003



PIT REMEDIATION AND CLOSURE REPORT

Operator: JFJ Landfarm Telephone: (505) 632-1782

Address: 81 CR 3150 Aztec NM 87410

Facility Or: Temporary Mixing Pit
Well Name

Location: Unit or Qtr/Qtr Sec NW/4 Sec 2 T 29 N R 12W County San Juan

Pit Type: Separator Dehydrator Other Lined Temporary Mixing Pit *this pt was permitted*

Land Type: BLM State, Fee Other

Pit Location: Pit dimensions: length 20', width 10', depth 5'
(Attach diagram)

Reference: wellhead 36°45'10.0"N 108°03'56.2"W

Footage from reference:

Direction from reference: Degrees East North
of
 West South

Depth To Ground Water (Vertical distance from contaminants to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points) <u>0</u>
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points) <u>0</u>
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches.)	Less than 200 feet 200 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points) <u>0</u>
RANKING SCORE (TOTAL POINTS):		<u>0</u>

Date Remediation Started: February 16, 2004 Date completed: February 17, 2004

Remediation Method: Excavation _____ Approx. cubic yards _____

(Check all appropriate sections.)

Landfarmed _____ Insitu Bioremediation _____

Other No Contaminated soil reclaimed

Remediation Location: Onsite X Offsite _____
(i.e. landfarmed onsite,
name and location of
offsite facility) _____

General Description of Remedial Action: No remediation necessary.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit:
Closure Sampling:
(if multiple samples,
attach sample results
and diagram of sample
locations and depths)

Sample location °45'10.0"N 108°03'56.2"W

Sample depth 6'

Sample Date 2/17/2004 Sample time 10:35 AM

Sample Results

Benzene(ppm) ND

Total BTEX(ppm) ND

Field headspace(ppm) _____

TPH ND

Ground Water Sample: Yes _____ No X (If yes, attach sample results)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

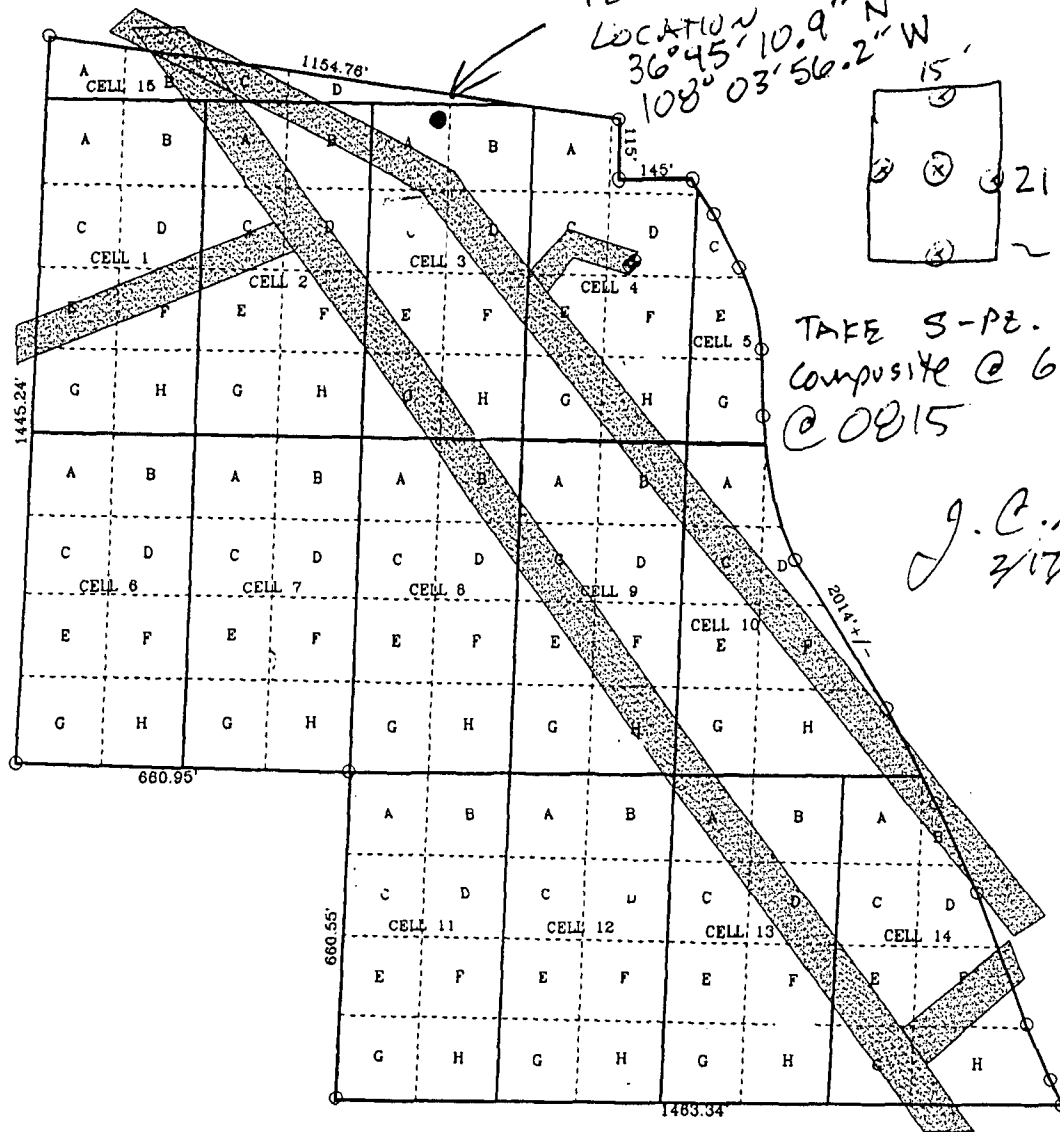
Signature AJ Blair Date 3/22/04

Printed Name AJ Blair Title Manager

E-mail Address: aj@industrialecosystems.com

2/17/04

TEMP. MIXING PIT
LOCATION
36°45'10.9"N
108°03'56.2"W
15'



TAKE S-P.E.
Composite @ 6' Bb
@ 0815

J.C. Blagg
2/17/04

LEGEND

- Active Gas Well
- ✦ PxA Gas Well
- ▨ Pipeline Right-of-Way

0 500 1000 Feet

JFJ LANDFARM FACILITY
TREATMENT ZONE MONITORING

BLAGG ENGINEERING, INC.

DATE: 1/2004

FIGURE 1

BY: JCB

P.O. BOX 87, BLOOMFIELD, NM
PHONE: (505)632-1199

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

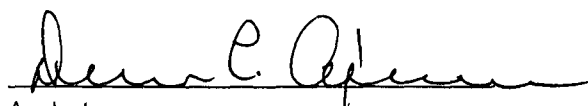
Client:	Blagg / JFJ	Project #:	94034-010
Sample ID:	5-pt Comp.	Date Reported:	02-17-04
Laboratory Number:	27840	Date Sampled:	02-17-04
Chain of Custody No:	11846	Date Received:	02-17-04
Sample Matrix:	Soil	Date Extracted:	02-17-04
Preservative:	Cool	Date Analyzed:	02-17-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

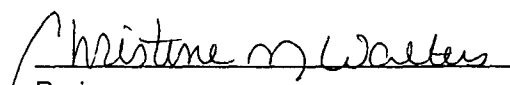
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **JFJ Landfarm Temporary Mixing Pit.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / JFJ	Project #:	94034-010
Sample ID:	5-pt Comp.	Date Reported:	02-17-04
Laboratory Number:	27840	Date Sampled:	02-17-04
Chain of Custody:	11846	Date Received:	02-17-04
Sample Matrix:	Soil	Date Analyzed:	02-17-04
Preservative:	Cool	Date Extracted:	02-17-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	ND	1.7
Ethylbenzene	ND	1.5
p,m-Xylene	ND	2.2
o-Xylene	ND	1.0
Total BTEX	ND	

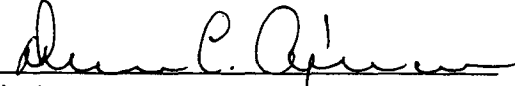
ND - Parameter not detected at the stated detection limit.

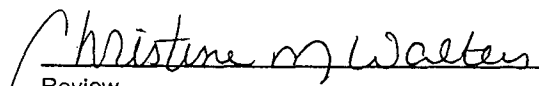
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	94 %
	1,4-difluorobenzene	94 %
	Bromochlorobenzene	94 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: JFJ Landfarm Temporary Mixing Pit.


Analyst


Review

CHAIN OF CUSTODY RECORD

11840

Client / Project Name BLAGG / JFJ			Project Location JFJ LANDFARM		ANALYSIS / PARAMETERS																							
Sampler: J.C. Blagg			Client No. 94034-010		No. of Containers	TPH	8015	BTEX	8021					Remarks														
✓ Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix																								
5-Pt-Comp.	2/17/04	0815	27840	SOIL	1	X	X							TEMPORARY MIXING PIT														
Relinquished by: (Signature) J.C. Blagg			Date 2/17/04	Time 0847	Received by: (Signature) Walter M. Walters							Date 2/17/04	Time 08:47															
Relinquished by: (Signature)					Received by: (Signature)																							
Relinquished by: (Signature)					Received by: (Signature)																							
<div style="text-align: center;"> ENVIROTECH INC. <hr/> 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615 </div>														Sample Receipt <table border="1"> <tr> <td></td> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td>Received Intact</td> <td>✓</td> <td></td> <td></td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> <td></td> </tr> </table>				Y	N	N/A	Received Intact	✓			Cool - Ice/Blue Ice	✓		
	Y	N	N/A																									
Received Intact	✓																											
Cool - Ice/Blue Ice	✓																											

6W-25

Olson, William**From:** Cindy Crain [cindy@laenvironmental.com]**Sent:** Tuesday, December 09, 2003 11:57 AM**To:** Bill Olson; Paul Sheeley**Cc:** Cal Wrangham**Subject:** Monitoring Well Installations - Dynege Monument Gas Plant and Bertha Barber Tank Battery Site

Dear Bill and Paul,

Larson & Associates, Inc. has been retained to conduct subsurface investigations for Dynege Midstream Services, L. P. at the Monument Gas Plant (GW-25) and the Marathon Bertha Barber Tank Battery (AP-11).

Monitoring well installation will commence at the Monument Gas Plant (SE/4, SW/4, Section 36, Township 19 South, Range 37 East, Lea County, NM) on Monday, December 15, 2003 at 9:00 am. Upon completion of one monitoring well at the Monument Plant, drilling will resume at the Bertha Barber site (N/2, SW/4, Section 5, Township 20 South, Range 37 East, Lea County, NM). Monitoring wells will be developed after completion, and groundwater sampling will be conducted on December 22, 2003.

Please call if you have any questions, or need additional information.

Sincerely,

Cindy Crain
Project Manager/Geologist
Larson and Associates, Inc.
507 N. Marienfeld, Suite 202
Midland, Texas 79702
office - (432)687-0901
mobile - (432)556-8665

Dynegy Midstream Services, Limited Partnership
1000 Louisiana Street, Suite 5800
Houston, Texas 77002
Phone 713.507.6400
www.dynegy.com

RECEIVED

NOV 17 2003

Oil Conservation Division
Environmental Bureau



DYNEGY

Nov. 14, 2003

VIA UPS OVERNIGHT DELIVERY

Mr. William C. Olson
Senior Hydrologist
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Re: Work Plan for Monitoring Well Installations, Dynegy Midstream Services,
L.P., Monument Gas Plant, Lea County, NM
and
Proposed Subsurface Investigation Work Plan, Dynegy Midstream Services,
L.P., Pipeline Segment Near Bertha Barber Tank Battery, Lea County, NM**

Dear Mr. Olson,

On October 16, 2003, Mr. Cal Wrangham and I met with you to discuss the subject work plans and potential alternatives. Based on the outcome of that meeting, we have revised our work plan at the Monument plant site to include the sampling of existing Climax wells located south and east of the plant site in lieu of installing new monitoring wells. Due to the difficulty of obtaining access to the Climax wells, Dynegy Midstream Services is requesting a 60 day extension for completion of the subject work plans. The extension is also being sought for the Bertha Barber work plan so such work can be completed in conjunction with the work at Monument.

Please give me a call if you have any questions or need further information.

Sincerely,
Dynegy Midstream Services, L.P.

J.D. Morris, P.E.
jd.morris@dynegy.com
713-507-6752

cc: Cal Wrangham

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
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side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Transwestern Pipeline Co.	Contact	Ron Arnold
Address	6381 North Main Street, Roswell, NM 88201	Telephone No.	505-625-8056
Facility Name	Transwestern Pipeline Station #9	Facility Type	Natural Gas Compressor Station

Surface Owner	Mineral Owner	Lease No.
---------------	---------------	-----------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	21 & 28	9S	24E					Chaves

Latitude 33-30-32.3 N Longitude 104-31-2.9 W

NATURE OF RELEASE

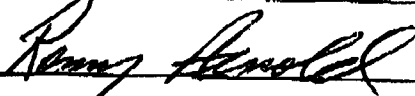
Type of Release	Burner Tip Quality Natural Gas	Volume of Release	8.8 MMcf	Volume Recovered	None
Source of Release	Main Line Relief Valve Malfunction	Date and Hour of Occurrence	6/6/2004 0001 Hrs	Date and Hour of Discovery	6/6/2004 0038 Hrs
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Tim Gum			
By Whom?	Ron Arnold	Date and Hour	6/6/2004 1315 Hrs		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* Relief valve malfunction - Repaired and put back in service

Describe Area Affected and Cleanup Action Taken.*
None

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION		
Printed Name: Ron Arnold	Approved by District Supervisor:		
Title: Sr O&M Tech	Approval Date:	Expiration Date:	
E-mail Address:	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 6/6/2004 8056	Phone: 505-625-8056		

* Attach Additional Sheets If Necessary

District I
625 N. French Dr., Hobbs, NM 88240
District II
301 W. Grand Avenue, Artesia, NM 88210
District III
000 Rio Brazos Road, Artesia, NM 87410
District IV
220 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

JUN 04 2004

Per *ll*

Form C-141
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Release Notification and Corrective Action

Name of Company <u>TRANSWESTERN</u>		Contact <u>Larry Campbell</u>	
Address <u>P.O. Box 598 Artesia NM 88210</u>		Telephone No. <u>505-625-8022</u>	
Facility Name <u>CURRY COUNTY P.N.M. EXCH</u>		Facility Type <u>Meter Sta # 0009580-01</u>	
Surface Owner	Mineral Owner	Lease No.	

OPERATOR

☒ Initial Report ☐ Final Report

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
<u>NW 1/4</u>	<u>8</u>	<u>1N</u>	<u>36E</u>	<u>N</u>	<u>6000</u>			<u>Curry</u>

Latitude

Longitude

NATURE OF RELEASE

Type of Release <u>NAT GAS CONDENSATE</u>	Volume of Release <u>150 gal</u>	Volume Recovered
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery <u>6/02/04</u>
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	<u>6/02/04</u> <u>10:26</u>
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.

Describe Cause of Problem and Remedial Action Taken.

AUTO DUMP VALVE FROM SCRUBBER KUNG OPEN CAUSING LIQUID IN TANK
TO BLOW OUT OF VENT STACK. DUMP VALVE WAS CLOSED AND PARTS
ARE ON ORDER

Describe Area Affected and Cleanup Action Taken.

15' x 30' area was covered in P.N.M. yard with a fine mist
15' x 30' area on U.S. 70 East side. Traffic was stop for about
25 minutes on 70 by Fire & Sheriff Dept. T.P.H. Samples was taken

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature: Omer ParkerPrinted Name: Omer ParkerTitle: OEM Tech

E-mail Address:

Date: 6/02/04Phone: 806-258-7713

Approved by District Supervisor:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

* Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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 District
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Revised October 10, 2003

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side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP	Contact	
Address P.O. Box 50020, Midland, 79710	Telephone No.	
Facility Name Burton Flats Booster	Facility Type Compressor Station	
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section 1	Township 21	Range 27	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
Latitude 32.5073368777				Longitude -104.1376837176				

NATURE OF RELEASE

Type of Release Air	Volume of Release 244.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent: Emergency Blowdown Vent	Date and Hour of Release 06/14/2004 7:15 PM	Date and Hour of Discovery 06/14/2004 7:15 PM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/16/2004 9:51 AM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* compressors shutdown due to Linam Ranch plant trouble, can not take gas		
Describe Area Affected and Cleanup Action Taken.* compressors down for linam ranch plant trouble, regen switching valve		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOC marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOC acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:	OIL CONSERVATION DIVISION	
Printed Name: Daniel E. Forlines	Approved By District Supervisor:	
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	
Date: 06/16/2004 9:51 AM Phone: 5056280282	Attached <input type="checkbox"/>	

* Attach additional sheets if necessary

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

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Energy Minerals and Natural Resources

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Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Transwestern Pipeline Company	Contact John Steenberg	
Address 4001 Indian School Rd NE Suite 250 ABQ, NM 87110	Telephone No. (505) 260-4013	
Facility Name Compressor Station No. 7 Mountainair, NM	Facility Type Natural Gas Compressor Station	
Surface Owner Transwestern Pipeline Co.	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section 3	Township 1 North	Range 6 East	Feet from the	North/South Line	Feet from the	East/West Line	County Torrance
-------------	--------------	---------------------	-----------------	---------------	------------------	---------------	----------------	--------------------

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Natural Gas	Volume of Release 1.5 mmcf	Volume Recovered 0 cf
Source of Release Emergency Shut Down (ESD) at Station 7	Date and Hour of Occurrence 5/21/04 at 1:35 PM	Date and Hour of Discovery 5/21/04 at 1:35 PM
Was Immediate Notice Given? Phoned OCD at approx. 2:45PM <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Left message with Ed Martin in OCD Santa Fe office	
By Whom? John Steenberg	Date and Hour On 5/21/04 at approximately 2:45 PM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* An electronic glitch in the control system for the emergency shut down (ESD) valve caused an air compressor to fail to provide air to the valve actuator on the ESD which caused the valve to open and vent the natural gas piping at the facility. The glitch has been resolved and the facility piping is in the process of pressuring back up as of about 2:30 PM on 5/21/04.

Describe Area Affected and Cleanup Action Taken.* Since the release was natural gas there is no required cleanup as the gas was vented to the atmosphere.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature: John Steenberg

Printed Name: John Steenberg

Title: Division Environmental Specialist

E-mail Address: John.Steenberg@enron.com

Date: May 21, 2004

Phone: (505) 260-4013

Approved by District Supervisor:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

* Attach Additional Sheets If Necessary

District I

1825 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., 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 ResourcesOil Conservation District
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Santa Fe, NM 87505

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact Lynn C. Ward
Address		Telephone No. 4328204207
Facility Name Rambo Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
Latitude				Longitude				

NATURE OF RELEASE

Type of Release Air	Volume of Release 468.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent: Upset Vent - 114847, Upset Date: 15-MAY-2004	Date and Hour of Release 06/21/2004 1:00 PM	Date and Hour of Discovery 06/21/2004 1:00 PM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/22/2004 10:21 AM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.		
Describe Cause of Problem and Remedial Action Taken. Burton Flat #1 and burton Flat #7 unit down on hot valves.		
Describe Area Affected and Cleanup Action Taken. Both unit repaired and restarted		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Forlines		Approved By District Supervisor:
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	
Date: 06/22/2004 10:21 AM Phone: 5058280282	Attached <input type="checkbox"/>	

* Attach additional sheets if necessary

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact
Address		Telephone No.
Facility Name Fitz Compressor Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	34	19	29					Eddy

Latitude 32.6150177734

Longitude -104.0588480905

NATURE OF RELEASE

Type of Release Air	Volume of Release 49.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent: Emergency Blowdown Vent	Date and Hour of Release 06/21/2004 3:00 PM	Date and Hour of Discovery 06/21/2004 3:00 PM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/22/2004 10:16 AM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken. Fitz #3 down on low engine oil pressure.		
Describe Area Affected and Cleanup Action Taken. #3 unit checked out and restarted		
<p>I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.</p>		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Forlines		Approved By District Supervisor:
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	
Date: 06/22/2004 10:16 AM Phone: 5056280282	Attached <input type="checkbox"/>	

* Attach additional sheets if necessary

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact
Address		Telephone No.
Facility Name Square Lake Booster		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	4	17	30					Eddy

Latitude 32.8653768637

Longitude -103.9841755522

NATURE OF RELEASE

Type of Release Air	Volume of Release 84.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent; Emergency Blowdown Vent	Date and Hour of Release 06/21/2004 2:30 PM	Date and Hour of Discovery 06/21/2004 2:30 PM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/22/2004 10:01 AM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* Grayburg #5 unit down on high jacket water temperature.		
Describe Area Affected and Cleanup Action Taken.* operator allowed unit to cool down, operator checked unit out and restarted unit		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Forlines		Approved By District Supervisor:
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 06/22/2004 10:01 AM	Phone: 5056280282	

* Attach additional sheets if necessary

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact Daniel E. Forlines
Address		Telephone No. 5056280282
Facility Name Grayburg Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	18	17	30					Eddy

Latitude 32.8364744093

Longitude -104.0131926732

NATURE OF RELEASE

Type of Release Air	Volume of Release 228.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Flare: FLARE, Maintenance and Upset Flare	Date and Hour of Release 08/21/2004 2:00 PM	Date and Hour of Discovery 06/21/2004 2:00 PM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/22/2004 10:29 AM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* Grayburg #6 unit down on jacket water high temperature.		
Describe Area Affected and Cleanup Action Taken.* Grayburg #6 allowed to cool down and unit was restarted		
<p>I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.</p>		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Forlines		Approved By District Supervisor:
Title: FS-Field Operator II		Approval Date: Expiration Date:
E-mail Address: deforlines@duke-energy.com		Conditions of Approval:
Date: 06/22/2004 10:29 AM Phone: 5056280282		Attached <input type="checkbox"/>

* Attach additional sheets if necessary

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Aretesia, NM 88210

District III

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District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141

Revised October 10, 2003

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact Daniel E. Forlines
Address		Telephone No. 5056280282
Facility Name Grayburg Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section 18	Township 17	Range 30	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
Latitude 32.8364744093				Longitude -104.0131926732				

NATURE OF RELEASE

Type of Release Air	Volume of Release 498.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Flare: FLARE, Maintenance and Upset Flare	Date and Hour of Release 06/18/2004 7:00 AM	Date and Hour of Discovery 06/16/2004 7:00 AM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/17/2004 11:33 AM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* Booster affected by pipeline repair and maintenance		
Describe Area Affected and Cleanup Action Taken.* pipeline repair concluded and booster flare stopped		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Forlines		Approved By District Supervisor:
Title: FS-Field Operator II		Approval Date:
E-mail Address: deforlines@duke-energy.com		Expiration Date:
Date: 06/17/2004 11:33 AM Phone: 5056280282		Conditions of Approval:
		Attached <input type="checkbox"/>

* Attach additional sheets if necessary

District I

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District II

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Santa Fe, NM 87505

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact Lynn C. Ward
Address		Telephone No. 4326204207
Facility Name Rambo Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
Latitude				Longitude				

NATURE OF RELEASE

Type of Release Air	Volume of Release 705.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent: Upset Vent - 114847, Upset Date: 15-MAY-2004	Date and Hour of Release 06/16/2004 7:00 AM	Date and Hour of Discovery 06/16/2004 7:00 AM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/17/2004 11:27 AM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* Penroc #2 unit down for Preventive Maintenance		
Describe Area Affected and Cleanup Action Taken.* penroc #2 unit restarted after P.M. completed		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOC marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOC acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:	OIL CONSERVATION DIVISION	
Printed Name: Daniel E. Forlines	Approved By District Supervisor:	
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 06/17/2004 11:27 AM Phone: 5056280282		

* Attach additional sheets if necessary

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact Ronnie F. Gilchrest
Address		Telephone No. 5053915705
Facility Name Jackson Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	28	17	29					Eddy

Latitude 32.8134716259

Longitude -104.0792895511

NATURE OF RELEASE

Type of Release Air	Volume of Release 162.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Flare; 5	Date and Hour of Release 08/16/2004 10:00 AM	Date and Hour of Discovery 08/16/2004 10:00 AM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Fortines	Date and Hour 08/17/2004 11:19 AM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* Booster station affected by field pipeline repair and maintenance		
Describe Area Affected and Cleanup Action Taken.* pipeline repair and maintenance concluded and flaring stopped		
<p>I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.</p>		
Signature:	OIL CONSERVATION DIVISION	
Printed Name: Daniel E. Fortines	Approved By District Supervisor:	
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: defortines@duke-energy.com	Conditions of Approval:	
Date: 08/17/2004 11:19 AM Phone: 5056280262	Attached <input type="checkbox"/>	

* Attach additional sheets if necessary

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact
Address		Telephone No.
Facility Name Fitz Compressor Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	34	19	29					Eddy
Latitude 32.6150177734				Longitude -104.0588480905				

NATURE OF RELEASE

Type of Release Air	Volume of Release 188.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent: Emergency Blowdown Vent	Date and Hour of Release 06/18/2004 9:30 PM	Date and Hour of Discovery 06/18/2004 9:30 PM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/21/2004 1:24 PM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* Magnum unit down due to compressor cylinder lubricator pump malfunction, with no oil flow to compressor cylinders the unit can not be restarted until problem is repaired		
Describe Area Affected and Cleanup Action Taken.* mechanic found the compressor cylinder lubricator pump to be broken and ordered a replacement pump, unit is still down, idle compressor units at Fitz Booster were started to handle the extra field pressure.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Forlines		Approved By District Supervisor:
Title: FS-Field Operator II		Approval Date: Expiration Date:
E-mail Address: deforlines@duke-energy.com		Conditions of Approval:
Date: 06/21/2004 1:24 PM Phone: 5059280282		Attached <input type="checkbox"/>

* Attach additional sheets if necessary

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State of New Mexico
Energy Minerals and Natural Resources

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

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact Daniel E. Forlines
Address		Telephone No. 5056280282
Facility Name Grayburg Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	18	17	30					Eddy

Latitude 32.8364744093

Longitude -104.0131926732

NATURE OF RELEASE

Type of Release Air	Volume of Release 2,698.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Flare: FLARE, Maintenance and Upset Flare	Date and Hour of Release 06/19/2004 6:00 AM	Date and Hour of Discovery 06/19/2004 6:00 AM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/21/2004 1:43 PM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* Units down on high discharge pressure due to mainline HI/LO pressure protection valve shutting because Linam Ranch Plant curtailed Volumes		
Describe Area Affected and Cleanup Action Taken.* Compressor Discharge gas flows were rerouted to another line with lower line pressure and units were restarted		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOC marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOC acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Forlines		Approved By District Supervisor:
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: dforlines@duke-energy.com	Conditions of Approval:	
Date: 06/21/2004 1:43 PM Phone: 5056280282	Attached <input type="checkbox"/>	

* Attach additional sheets if necessary

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District II

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Energy Minerals and Natural ResourcesOil Conservation District
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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact Lynn C. Ward
Address		Telephone No. 4326204207
Facility Name Rambo Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
								Eddy
Latitude				Longitude				

NATURE OF RELEASE

Type of Release Air	Volume of Release 395.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent; Upset Vent - 114847, Upset Date: 15-MAY-2004	Date and Hour of Release 06/14/2004 7:15 PM	Date and Hour of Discovery 06/14/2004 7:15 PM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/15/2004 9:18 AM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* Compressors shut down due to Linam Ranch Plant trouble, can not take gas		
Describe Area Affected and Cleanup Action Taken.* Compressors still down for Linam Ranch Plant trouble		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Forlines		Approved By District Supervisor:
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	
Date: 06/15/2004 9:18 AM Phone: 5056280282	Attached <input type="checkbox"/>	

* Attach additional sheets if necessary

District I

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact
Address		Telephone No.
Facility Name Fitz Compressor Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	34	19	29					Eddy

Latitude 32.6150177734

Longitude -104.0588480905

NATURE OF RELEASE

Type of Release Air	Volume of Release 86.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent; Emergency Blowdown Vent	Date and Hour of Release 06/14/2004 4:30 PM	Date and Hour of Discovery 06/14/2004 4:30 PM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/15/2004 9:49 AM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* fitz unit #3 down due to engine oil pressure		
Describe Area Affected and Cleanup Action Taken.* Fitz unit #3 restarted after adjusting the speed controller		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:	OIL CONSERVATION DIVISION	
Printed Name: Daniel E. Forlines	Approved By District Supervisor:	
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	
Date: 06/15/2004 9:49 AM Phone: 5056280282	Attached <input type="checkbox"/>	

* Attach additional sheets if necessary

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side of form**Release Notification and Corrective Action****OPERATOR**☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact
Address		Telephone No.
Facility Name Penroc Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	27	20	27					Eddy

Latitude 32.5469473603

Longitude -104.2672387019

NATURE OF RELEASE

Type of Release Air	Volume of Release 494.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent; Emergency Blowdown Vent	Date and Hour of Release 06/14/2004 7:15 PM	Date and Hour of Discovery 06/14/2004 7:15 PM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/15/2004 9:39 AM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* compressors down due to linam ranch plant trouble, can not take gas		
Describe Area Affected and Cleanup Action Taken.* compressors still down for linam ranch plant trouble		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Forlines		Approved By District Supervisor:
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	
Date: 06/15/2004 9:39 AM Phone: 5058280282	Attached <input type="checkbox"/>	

* Attach additional sheets if necessary

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact
Address		Telephone No.
Facility Name Winchester Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	16	19	27					Eddy
Latitude				32.6824862936		Longitude		-104.2801606406

NATURE OF RELEASE

Type of Release Air	Volume of Release 12.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent; Emergency Blowdown Vent	Date and Hour of Release 06/14/2004 7:15 PM	Date and Hour of Discovery 06/14/2004 7:15 PM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/15/2004 9:32 AM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* Compressors shut down due to Linam Ranch Plant trouble, can not take gas		
Describe Area Affected and Cleanup Action Taken.* Compressors still down for Linam Ranch trouble		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Forlines		Approved By District Supervisor:
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	
Date: 06/15/2004 9:32 AM Phone: 5056280282	Attached <input type="checkbox"/>	

* Attach additional sheets if necessary

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

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District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141

Revised October 10, 2003

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District Office in accordance
with Rule 116 on back
side of form**Release Notification and Corrective Action****OPERATOR**☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact
Address		Telephone No.
Facility Name Grayburg Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	18	17	30					Eddy

Latitude 32.8364744093

Longitude -104.0131926732

NATURE OF RELEASE

Type of Release Air	Volume of Release 75.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Flare: FLARE, Maintenance and Upset Flare	Date and Hour of Release 06/09/2004 8:00 AM	Date and Hour of Discovery 06/09/2004 8:00 AM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/10/2004 12:09 PM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* #3 unit at Jackson booster down on interstage high liquid level		
Describe Area Affected and Cleanup Action Taken.* Operator checked and adjusted liquid dump control and restarted unit		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Forlines		Approved By District Supervisor:
Title: PS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 06/10/2004 12:09 PM Phone: 5056280282		

* Attach additional sheets if necessary

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact
Address		Telephone No.
Facility Name Penroc Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section 27	Township 20	Range 27	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
-------------	---------------	----------------	-------------	---------------	------------------	---------------	----------------	----------------

Latitude 32.5469473603 Longitude -104.2672387019

NATURE OF RELEASE

Type of Release Air	Volume of Release 33.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent: Emergency Blowdown Vent	Date and Hour of Release 06/09/2004 1:00 AM	Date and Hour of Discovery 06/09/2004 1:00 AM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/10/2004 12:05 PM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* low instrument air supply, lost supply to controls at booster station		
Describe Area Affected and Cleanup Action Taken.* booster instrument air supply repair is in progress		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:	OIL CONSERVATION DIVISION	
Printed Name: Daniel E. Forlines	Approved By District Supervisor:	
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	
Date: 06/10/2004 12:05 PM Phone: 5058280282	Attached <input type="checkbox"/>	

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact
Address		Telephone No.
Facility Name Winchester Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section 16	Township 19	Range 27	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
Latitude 32.6624862936				Longitude -104.2801606406				

NATURE OF RELEASE

Type of Release Air	Volume of Release 556.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent: Emergency Blowdown Vent	Date and Hour of Release 06/09/2004 6:00 PM	Date and Hour of Discovery 06/09/2004 5:00 PM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/10/2004 12:00 PM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* #1 unit at winchester down on low instrument air supply		
Describe Area Affected and Cleanup Action Taken.* booster instrument air supply repair is in progress		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOC marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOC acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Forlines		Approved By District Supervisor:
Title: FS-Field Operator II		Approval Date: Expiration Date:
E-mail Address: deforlines@duke-energy.com		Conditions of Approval:
Date: 06/10/2004 12:00 PM Phone: 5056280282		Attached <input type="checkbox"/>

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact Lynn C. Ward
Address		Telephone No. 4326204207
Facility Name Rambo Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
Latitude				Longitude				

NATURE OF RELEASE

Type of Release Air	Volume of Release 817.00 mcf/event	Volume Recovered 0.00 mcf/event	
Source of Release Blowdown Vent; Upset Vent - 114847, Upset Date: 15-MAY-2004	Date and Hour of Release 06/09/2004 1:00 AM	Date and Hour of Discovery 06/09/2004 1:00 AM	
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?		
By Whom? Daniel E. Forlines	Date and Hour 06/10/2004 11:49 AM		
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event		
If a Watercourse was Impacted, Describe Fully.*			
Describe Cause of Problem and Remedial Action Taken.* #1 at Burton Flat station down on compressor oil pressure			
Describe Area Affected and Cleanup Action Taken.* #1 unit at Burton Flat compressor oil pump repaired and unit restarted			
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Signature:		OIL CONSERVATION DIVISION	
Printed Name: Daniel E. Forlines		Approved By District Supervisor:	
Title: FS-Field Operator II		Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com		Conditions of Approval:	
Date: 06/10/2004 11:49 AM Phone: 5056280282		Attached <input type="checkbox"/>	

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact
Address		Telephone No.
Facility Name Grayburg Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	16	17	30					Eddy
Latitude 32.8364744093				Longitude -104.0131826732				

NATURE OF RELEASE

Type of Release Air	Volume of Release 50.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Flare: FLARE, Maintenance and Upset Flare	Date and Hour of Release 06/13/2004 3:00 PM	Date and Hour of Discovery 06/13/2004 3:00 PM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/14/2004 4:18 PM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* #1 unit at Jackson down on high liquid level		
Describe Area Affected and Cleanup Action Taken.* Jackson #1 unit liquid dump controller was adjusted and unit restarted		
<p>I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.</p>		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Forlines		Approved By District Supervisor:
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	
Date: 06/14/2004 4:18 PM Phone: 5056280282	Attached <input type="checkbox"/>	

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Energy Minerals and Natural Resources

Oil Conservation District
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Santa Fe, NM 87505

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact Daniel E. Forlines
Address		Telephone No. 5056280282
Facility Name Grayburg Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	18	17	30					Eddy

Latitude 32.8364744093

Longitude -104.0131926732

NATURE OF RELEASE

Type of Release Air	Volume of Release 315.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Flare: FLARE, Maintenance and Upset Flare	Date and Hour of Release 06/12/2004 6:00 AM	Date and Hour of Discovery 06/12/2004 6:00 AM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/14/2004 4:15 PM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* grayburg #1 unit down for repair to #3 compressor cylinder		
Describe Area Affected and Cleanup Action Taken.* grayburg #1 repaired compressor cylinder and restarted unit		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:	OIL CONSERVATION DIVISION	
Printed Name: Daniel E. Forlines	Approved By District Supervisor:	
Title: PS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 06/14/2004 4:15 PM Phone: 5056280282		

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact Daniel E. Forlines
Address		Telephone No. 5056280282
Facility Name Grayburg Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	18	17	30					Eddy
Latitude				32.8364744093				
Longitude				-104.0131926732				

NATURE OF RELEASE

Type of Release Air	Volume of Release 759.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Flare: FLARE, Maintenance and Upset Flare	Date and Hour of Release 06/11/2004 6:00 AM	Date and Hour of Discovery 06/11/2004 6:00 AM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/14/2004 3:52 PM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* #1 unit at grayburg, down #3 compressor cylinder broken		
Describe Area Affected and Cleanup Action Taken.* #1 unit repair under way, still down		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Forlines		Approved By District Supervisor:
Title: FS-Field Operator II		Approval Date: Expiration Date:
E-mail Address: deforlines@duke-energy.com		Conditions of Approval:
Date: 06/14/2004 3:52 PM Phone: 5056280282		Attached <input type="checkbox"/>

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact
Address		Telephone No.
Facility Name Penroc Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	27	20	27					Eddy

Latitude 32.5469473603

Longitude -104.2672387019

NATURE OF RELEASE

Type of Release Air	Volume of Release 38.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent: Emergency Blowdown Vent	Date and Hour of Release 06/13/2004 1:00 PM	Date and Hour of Discovery 06/13/2004 1:00 PM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/14/2004 3:49 PM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* penroc #2 down on high jacket water temperature		
Describe Area Affected and Cleanup Action Taken.* #2 penroc, unit was allowed to cool down, checked j.w level and shutdowns and unit was restarted		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOC marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOC acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Forlines		Approved By District Supervisor:
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	
Date: 06/14/2004 3:49 PM Phone: 5056280282	Attached <input type="checkbox"/>	

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact	
Address		Telephone No.	
Facility Name Penroc Booster Station		Facility Type Compressor Station	
Surface Owner	Mineral Owner	Lease No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	27	20	27					Eddy

Latitude 32.5469473603 Longitude -104.2872387019

NATURE OF RELEASE

Type of Release Air	Volume of Release 52.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent: Emergency Blowdown Vent	Date and Hour of Release 06/11/2004 3:00 PM	Date and Hour of Discovery 06/11/2004 3:00 PM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Fortines	Date and Hour 06/14/2004 3:42 PM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* #1 burton flat compressor crankshaft bad		
Describe Area Affected and Cleanup Action Taken.* #1 burton flat, waiting on parts		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Fortines	Approved By District Supervisor:	
Title: PS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: defortines@duke-energy.com	Conditions of Approval:	
Date: 06/14/2004 3:42 PM Phone: 5056280282	Attached <input type="checkbox"/>	

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact
Address		Telephone No.
Facility Name Square Lake Booster		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	4	17	30					Eddy
Latitude 32.8653768637				Longitude -103.9841755522				

NATURE OF RELEASE

Type of Release Air	Volume of Release 14.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent; Emergency Blowdown Vent	Date and Hour of Release 06/13/2004 1:00 AM	Date and Hour of Discovery 06/13/2004 1:00 AM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/14/2004 3:37 PM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* #1 unit at Jackson Booster, down on high liquid level		
Describe Area Affected and Cleanup Action Taken.* Jackson #1 unit liquid dump controller adjusted and unit restarted		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Forlines		Approved By District Supervisor:
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 06/14/2004 3:37 PM	Phone: 5056280282	

* Attach additional sheets if necessary

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., 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 ResourcesOil Conservation District
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141

Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP	Contact Lynn C. Ward
Address	Telephone No. 4326204207
Facility Name Rambo Booster Station	Facility Type Compressor Station
Surface Owner	Mineral Owner
Lease No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
								Eddy
Latitude				Longitude				

NATURE OF RELEASE

Type of Release Air	Volume of Release 1,356.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent Upset Vent - 114847, Upset Date: 15-MAY-2004	Date and Hour of Release 06/13/2004 1:00 AM	Date and Hour of Discovery 06/13/2004 1:00 AM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/14/2004 3:22 PM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* burton flat #1 unit comp crankshaft bad, #3 unit down on compressor oil pressure, Penroc #2 unit down on jacket water temperature.		
Describe Area Affected and Cleanup Action Taken.* #1 burton flat, bad crankshaft, waiting on parts, #3 burton flats replace compressor oil bypass regulator, #1 penroc operator allowed unit cool down, checked jacket water level and shutdowns and restarted unit.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:	OIL CONSERVATION DIVISION	
Printed Name: Daniel E. Forlines	Approved By District Supervisor:	
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	
Date: 06/14/2004 3:22 PM Phone: 5056280282	Attached <input type="checkbox"/>	

* Attach additional sheets if necessary

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1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

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1000 Rio Brazos Road, Aztec, NM 87410

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Energy Minerals and Natural ResourcesOil Conservation District
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Santa Fe, NM 87505

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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact Lynn C. Ward
Address		Telephone No. 4326204207
Facility Name Rambo Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
								Eddy
Latitude				Longitude				

NATURE OF RELEASE

Type of Release Air	Volume of Release 1,460.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent; Upset Vent - 114847. Upset Date: 15-MAY-2004	Date and Hour of Release 06/12/2004 6:00 AM	Date and Hour of Discovery 06/12/2004 6:00 AM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/14/2004 3:18 PM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* Burton Flat #1 unit, down for bad compressor crankshaft		
Describe Area Affected and Cleanup Action Taken.* #1 unit at burton flat, still down waiting on parts		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:	OIL CONSERVATION DIVISION	
Printed Name: Daniel E. Forlines	Approved By District Supervisor:	
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	
Date: 06/14/2004 3:18 PM Phone: 5056280282	Attached <input type="checkbox"/>	

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side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP	Contact Lynn C. Ward
Address	Telephone No. 4326204207
Facility Name Rambo Booster Station	Facility Type Compressor Station
Surface Owner	Mineral Owner
Lease No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
								Eddy
Latitude				Longitude				

NATURE OF RELEASE

Type of Release Air	Volume of Release 486.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent: Upset Vent - 114847, Upset Date: 15-MAY-2004	Date and Hour of Release 06/11/2004 6:00 AM	Date and Hour of Discovery 06/11/2004 6:00 AM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 08/14/2004 3:10 PM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* Burton flat #1 unit down, compressor crankshaft bad		
Describe Area Affected and Cleanup Action Taken.* #1 down to waiting on repair parts		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:	OIL CONSERVATION DIVISION	
Printed Name: Daniel E. Forlines	Approved By District Supervisor:	
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 06/14/2004 3:10 PM Phone: 5056280282		

* Attach additional sheets if necessary

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1625 N. French Dr., Hobbs, NM 88240

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1301 W. Grand Ave., Artesia, NM 88210

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State of New Mexico
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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP	Contact
Address	Telephone No.
Facility Name Fitz Compressor Station	Facility Type Compressor Station
Surface Owner	Mineral Owner
Lease No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	34	19	29					Eddy
Latitude 32.6150177734				Longitude -104.0588480905				

NATURE OF RELEASE

Type of Release Air	Volume of Release 87.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent: Emergency Blowdown Vent	Date and Hour of Release 06/23/2004 9:00 AM	Date and Hour of Discovery 06/23/2004 9:00 AM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/24/2004 10:39 AM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* Fitz units down for preventive maintenance		
Describe Area Affected and Cleanup Action Taken.* Units restarted after p.m.'s completed		
<p>I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOC marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOC acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.</p>		
Signature:	OIL CONSERVATION DIVISION	
Printed Name: Daniel E. Forlines	Approved By District Supervisor:	
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: dforlines@duke-energy.com	Conditions of Approval:	
Date: 06/24/2004 10:39 AM Phone: 5056280282	Attached <input type="checkbox"/>	

* Attach additional sheets if necessary

District I

1825 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., 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 ResourcesOil Conservation District
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141

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side of form**Release Notification and Corrective Action****OPERATOR**☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact Daniel E. Forlines
Address		Telephone No. 5056280282
Facility Name Grayburg Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section 18	Township 17	Range 30	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
Latitude		32.8384744093		Longitude		-104.0131926732		

NATURE OF RELEASE

Type of Release Air	Volume of Release 797.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Flare: FLARE, Maintenance and Upset Flare	Date and Hour of Release 08/10/2004 5:00 PM	Date and Hour of Discovery 08/10/2004 5:00 PM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/11/2004 12:00 PM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* Grayburg #8 unit down on compressor lubricator low flow		
Describe Area Affected and Cleanup Action Taken.* #8 unit lubricator repaired for no oil to pump and restarted		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Forlines		Approved By District Supervisor:
Title: FS-Field Operator II		Approval Date: Expiration Date:
E-mail Address: dforlines@duke-energy.com		Conditions of Approval:
Date: 06/11/2004 12:00 PM Phone: 5056280282		Attached <input type="checkbox"/>

* Attach additional sheets if necessary

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., 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 ResourcesOil Conservation District
1220 South St. Francis Dr.
Santa Fe, NM 87505Form C-141
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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact
Address		Telephone No.
Facility Name Winchester Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section 16	Township 19	Range 27	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
Latitude 32.8624862936				Longitude -104.2801606406				

NATURE OF RELEASE

Type of Release Air	Volume of Release 118.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent: Emergency Blowdown Vent	Date and Hour of Release 06/10/2004 1:30 PM	Date and Hour of Discovery 06/10/2004 1:30 PM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/11/2004 11:53 AM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* winchester units #1,2,3 down on instrument air supply repair and maintenance		
Describe Area Affected and Cleanup Action Taken.* winchester booster air supply repair and maintenance completed and units restarted		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Forlines		Approved By District Supervisor:
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	
Date: 06/11/2004 11:53 AM Phone: 5056280282	Attached <input type="checkbox"/>	

* Attach additional sheets if necessary

District I

1625 N. French Dr., Hobbs, NM 88240

District II

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side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact Lynn C. Ward
Address		Telephone No. 4326204207
Facility Name Rambo Booster Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
				Latitude		Longitude		

NATURE OF RELEASE

Type of Release Air	Volume of Release 1,247.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent Upset Vent - 114847, Upset Date: 15-MAY-2004	Date and Hour of Release 06/10/2004 9:30 AM	Date and Hour of Discovery 06/10/2004 9:30 AM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/11/2004 11:33 AM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* burton flat #1 unit down-bad compressor crankshaft, burton flat #7 unit down on hot valves		
Describe Area Affected and Cleanup Action Taken.* burton flat unit #1 repair under way, burton flat #7 unit compressor valves repaired and restarted		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:	OIL CONSERVATION DIVISION	
Printed Name: Daniel E. Forlines	Approved By District Supervisor:	
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	
Date: 06/11/2004 11:33 AM Phone: 5056280282	Attached <input type="checkbox"/>	

* Attach additional sheets if necessary

District I
1025 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
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Oil Conservation District
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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Duke Energy Field Services, LP		Contact
Address		Telephone No.
Facility Name Fitz Compressor Station		Facility Type Compressor Station
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section 34	Township 19	Range 29	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
-------------	---------------	----------------	-------------	---------------	------------------	---------------	----------------	----------------

Latitude 32.6150177734

Longitude -104.0588480905

NATURE OF RELEASE

Type of Release Air	Volume of Release 33.00 mcf/event	Volume Recovered 0.00 mcf/event
Source of Release Blowdown Vent; Emergency Blowdown Vent	Date and Hour of Release 06/10/2004 3:00 PM	Date and Hour of Discovery 06/10/2004 3:00 PM
Was Immediate Notice Given? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Required	If YES, to Whom?	
By Whom? Daniel E. Forlines	Date and Hour 06/11/2004 12:15 PM	
Was a Watercourse Reached? <input type="radio"/> Yes <input checked="" type="radio"/> No	If YES, Volume Impacting the Watercourse 0.00 mcf/event	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* fitz #2 and #3 shut down to move gas to, repaired Magnum booster unit for test start.		
Describe Area Affected and Cleanup Action Taken.* after magnum booster unit test start was finished, gas was switched back to fitz booster and fitz #2,#3 units were restarted		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:		OIL CONSERVATION DIVISION
Printed Name: Daniel E. Forlines		Approved By District Supervisor:
Title: FS-Field Operator II	Approval Date:	Expiration Date:
E-mail Address: deforlines@duke-energy.com	Conditions of Approval:	
Date: 06/11/2004 12:15 PM Phone: 5056280282	Attached <input type="checkbox"/>	

* Attach additional sheets if necessary



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

September 10, 2003

Mr. J.D. Morris
Dynergy Midstream Services, L.P.
1000 Louisiana St., Suite 5800
Houston, Texas 77002

**RE: GROUND WATER REMEDIATION
MONUMENT GAS PLANT (GW-25)
MONUMENT, NEW MEXICO**

Dear Mr. Morris:

The New Mexico Oil Conservation Division (OCD) has reviewed Dynergy Midstream Services, L.P.'s (Dynergy) June 27, 2003 "WORK PLAN FOR MONITORING WELL INSTALLATIONS, DYNERGY MIDSTREAM SERVICES, L.P., MONUMENT GAS PLANT (GW-025), (SE/4, SW/4), SECTION 36, TOWNSHIP 19 SOUTH, RANGE 37 EAST, LEA COUNTY, NEW MEXICO". This document contains Dynergy's work plan for installation of additional monitoring wells to determine downgradient and lateral extent of ground water contamination related to the Monument Gas Plant west of Monument, New Mexico.

The above-referenced work plan is approved with the following conditions:

1. Each borehole shall be completed as a ground water monitoring well regardless of the presence of phase-separated hydrocarbons on ground water.
2. The cement grout used to complete the monitor wells shall contain 3-5% bentonite.
3. Each monitor well shall be developed after construction using EPA approved procedures
4. No less than 24 hours after the wells are developed, ground water from all monitor wells which do not contain free phase products shall be purged, sampled and analyzed for concentrations of BTEX.
5. All soil and water samples shall be obtained and analyzed using EPA approved methods and quality assurance/quality control (QA/QC) procedures.
6. All wastes generated shall be disposed of at an OCD approved facility.

Mr. J.D. Morris
September 10, 2003
Page 2

7. Dynegey shall submit a report containing the investigation results to the OCD Santa Fe Office by November 10, 2003 with a copy provided to the OCD Hobbs District Office. The report shall include:
 - a. A description of all past and present investigation activities which have occurred including conclusions and recommendations.
 - b. A geologic log and well completion diagram for each monitor well.
 - c. A water table potentiometric map showing the location of monitor wells, boreholes, pipelines, pits and any other pertinent site features, as well as the direction and magnitude of the hydraulic gradient.
 - d. A product thickness map based upon the thickness of measured free product in each facility monitoring well.
 - e. Summary tables of all soil and ground water quality sampling results including copies of all laboratory analytical data sheets and associated QA/QC data.
 - f. The disposition of all wastes generated.
8. Dynegey shall notify the OCD at least 1 week in advance of all scheduled activities such that the OCD has the opportunity to witness the events and split samples.

Please be advised that OCD approval does not limit Dynegey to the proposed work plan should the investigation actions fail to adequately define the extent of contamination related to Dynegey's activities, or if contamination exists which is outside the scope of the work plan. In addition, OCD approval does not relieve Dynegey of responsibility for compliance with any other federal, state or local laws and regulations.

If you have any questions, please contact me at (505) 476-3491.

Sincerely,



William C. Olson
Hydrologist
Environmental Bureau

cc: Chris Williams, OCD Hobbs District Supervisor

Dynegy Midstream Services, Limited Partnership
1000 Louisiana Street, Suite 5800
Houston, Texas 77002
Phone 713.507.6400
www.dynegy.com

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JUN 30 2003

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

June 27, 2003

VIA UPS OVERNIGHT DELIVERY



Mr. William C. Olson
Senior Hydrologist
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Work Plan for Monitoring Well Installations, Dynegy Midstream Services, L.P., Monument Gas Plant (GW-025), UL N (SE/4, SW/4), Section 36, Township 19 South, Range 36 East, Lea County, New Mexico

Dear Mr. Olson,

Dynegy Midstream Services, L.P. (Dynegy) is submitting this work plan per your request to investigate the extent of phase-separated hydrocarbons in groundwater at the subject gas processing plant. After it's review of the annual groundwater monitoring report, the New Mexico Oil Conservation Division (NMOCD) requested a work plan on April 24, 2003, to further delineate phase-separated hydrocarbons (PSH) beyond existing monitoring wells located on the east and southeast sides of the plant property. As discussed during our meeting during May 2003, Dynegy is committed to recovering PSH from the groundwater at wells WP-4 and WP-15, and has recently purchased two new pneumatic skimmer pumps (GeoTech Model PRS). The pumps will be installed at wells WP-4 and WP-15, and will be equipped with automatic controls and a tank level switch. The pumps will discharge into 55-gallon drums equipped with automatic level switch and secondary containment. The recovered PSH will be placed in the condensate storage tanks at the plant.

Dynegy proposes to install three (3) monitoring wells east and southeast of the existing wells to determine the extent of the PSH in groundwater. The wells will be drilled approximately fifteen (15) feet into the upper groundwater-bearing unit using air rotary drilling rig or equivalent drilling equipment. Groundwater is estimated to occur from approximately 23 to 39 feet below ground surface (bgs), therefore, the wells will be advanced from approximately 38 to 54 feet bgs. The wells will be constructed using 2-inch diameter schedule 40 PVC screw-threaded casing and screen. The well screen, approximately twenty (20) feet in length, will extend to about fifteen (15) feet below groundwater and five (5) feet above groundwater.

Mr. William C. Olson
June 24, 2003
Page 2

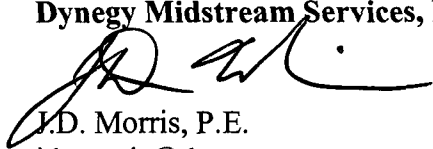
Before final completion of the wells, the wells will be bailed or pumped with an electric submersible pump to remove fine-grained sediment and will be gauged to detect the presence of PSH. If PSH is detected in the well, the well will be completed as described below. If no PSH is found in the well, a groundwater sample will be collected as described below, then the well screen will be pulled and the hole plugged with bentonite chips and grout.

For wells containing PSH, the well screen will be surrounded with graded silica sand to about two (2) feet above the screen. A layer of bentonite chips, approximately three (3) feet thick, will be placed above the sand, and hydrated with potable water. The remainder of the boring will be filled with cement grout to about one (1) foot bgs. Each well will be secured with a locking cover anchored in concrete. The top-of-casing and ground elevation will be surveyed for elevation and location by a professional land surveyor licensed in the State of New Mexico. Drill cuttings will be placed on the ground adjacent to the wells.

All wells will be gauged for depth-to-groundwater. The developed or purged water will be contained in a portable tank, and discharged to the process water disposal system located at the plant. Groundwater samples will be collected from all wells where PSH is not present. Samples will be collected using dedicated disposable polyethylene bailers and will be carefully transferred to laboratory-preserved containers. The containers will be sealed, labeled, chilled in an ice chest, delivered under chain-of-custody control to the environmental laboratory, and analyzed for BTEX using method SW-846-8021B.

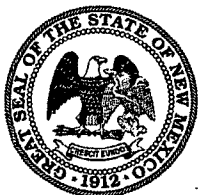
Results of the investigation will be submitted to the NMOCD as soon as possible but no later than six (6) weeks after the sampling is completed. I anticipate discussing this work plan with you in mid July at your convenience, with the work scheduled to begin shortly after your approval. Please give me a call if you have any questions or need further information.

Sincerely,
Dynegy Midstream Services, L.P.



J.D. Morris, P.E.
jd.morris@dynegy.com
713-507-6752

cc: Cal Wrangham
David Harris
James Lingnau
Chris Williams – NMOCD District 1



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

April 24, 2003

Mr. Cal Wrangham
Dynergy Midstream Services, L.P.
6 Desta Drive, Suite 3300
Midland, Texas 77705

**RE: GROUND WATER REMEDIATION
MONUMENT GAS PLANT (GW-25)**

Dear Mr. Wrangham:

The New Mexico Oil Conservation Division has reviewed Dynergy Midstream Services, L.P. (Dynergy) March 18, 2003 "ANNUAL GROUNDWATER MONITORING REPORT, DYNEGY MIDSTREAM SERVICES, L.P., MONUMENT GAS PLANT, (GW-25), SE/4, SW/4 SECTION 36, TOWNSHIP 19 SOUTH, RANGE 36, EAST, LEA COUNTY, NEW MEXICO" which was submitted on behalf of Dynergy by their consultant Larson & Associates, Inc. This document contains the results of Dynergy's 2002 ground water monitoring activities at Dynergy's Monument Gas Plant in Monument, New Mexico.

A review of the above-referenced document shows that there is no downgradient and lateral control on the extent of hydrocarbon contamination of ground water south and east of the gas plant. The furthest downgradient and lateral ground water monitoring wells in these areas contain phase-separated hydrocarbons. Therefore, the OCD requires that Dynergy submit a work plan to complete the definition of the extent of hydrocarbon contamination of ground water at the site. Please submit the work plan to the OCD Santa Fe Office by June 24, 2003 with a copy provided to the OCD Hobbs District Office.

If you have any questions, please contact me at (505) 827-7154.

Sincerely,

William C. Olson
Hydrologist
Environmental Bureau

xc: Chris Williams, OCD Hobbs District Office
Cindy K. Crain, Larson & Associates, Inc.

RECEIVED

MAR 20 2003

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

March 18, 2003

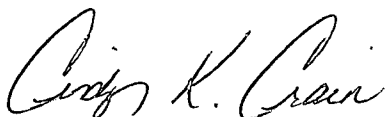
Mr. William C. Olson, Hydrologist
Environmental Bureau
Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Re: Annual Groundwater Monitoring Report, Dynegy Midstream Services, L. P.,
Monument Gas Plant, (GW-025), SE/4, SW/4, Section 36, Township 19
South, Range 36 East, Lea County, New Mexico**

Dear Mr. Olson:

Please find enclosed a copy of the above-referenced report. The report is submitted on behalf of Dynegy Midstream Services, L. P., and presents the results of annual groundwater monitoring conducted by Larson and Associates, Inc. Please call Cal Wrangham at (915) 688-0452 or myself at (915) 687-0901 if you have questions.

Sincerely,
Larson and Associates, Inc.



Cindy K. Crain
Geologist

cc: Cal Wrangham – Dynegy
Oscar DeLeon - Dynegy
Chris Williams – NMOCD District I

RECEIVED

FEB 22 2000

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

ARCADIS Geraghty & Miller, Inc.
5100 East Skelly Drive
Suite 1000
Tulsa
Oklahoma 74135
Tel 918 664 9900
Fax 918 664 9925

TRANSMITTAL LETTER

To:
J. Dee Morris
DYNEGY Midstream Services, Inc.
1000 Louisiana, Suite 5800
Houston, Texas 77002
(713) 507-6400

Copies:
Oscar Deleon (1 copy)
Mike Hicks (1 copy)
DYNEGY Midstream Services, Inc.
P.O. Box 67
Monument, New Mexico 88265

GMSOOKENOK000532.0005

From:
Tim Brandon

Date:
17 February 2000

Subject:
Final 1999 Annual Monitoring Report, Monument Gas Plant

We are sending you:

- ☒ Attached ☐ Under Separate Cover Via _____ the Following Items:
- | | | | |
|--|----------------------------------|---|---|
| <input type="checkbox"/> Shop Drawings | <input type="checkbox"/> Plans | <input type="checkbox"/> Specifications | <input type="checkbox"/> Change Order |
| <input type="checkbox"/> Prints | <input type="checkbox"/> Samples | <input type="checkbox"/> Copy of Letter | <input checked="" type="checkbox"/> Reports |
| <input type="checkbox"/> Other: _____ | | | |

Copies	Date	Drawing No.	Rev.	Description	Action*
3	2/15/00			FINAL 1999 Annual Monitoring Report, DYNEGY Gas Plant, Monument, New Mexico	*

Action*

- | | | |
|---|--|---|
| <input type="checkbox"/> A Approved | <input type="checkbox"/> CR Correct and Resubmit | <input type="checkbox"/> Resubmit ____ Copies |
| <input type="checkbox"/> AN Approved As Noted | <input type="checkbox"/> F File | <input type="checkbox"/> Return ____ Copies |
| <input checked="" type="checkbox"/> AS As Requested | <input type="checkbox"/> FA For Approval | <input type="checkbox"/> Review and Comment |
| <input checked="" type="checkbox"/> Other: Please submit this document to William C. Olson and Jerry Sexton, NMOCD. | | |

Comments: Please find attached one (1) original (submit to William C. Olson, NMOCD) and two (2) copies (submit 1 copy to Jerry Sexton-NMOCD Hobbs; keep the 2nd copy for yourself) of the Final 1999 Annual Monitoring Report for the Monument Gas Plant. Additional copies are being mailed to Mike Hicks and Oscar DeLeon. Call Tim Brandon at (918) 664-9900 if you have any questions.

Price, Wayne

From: Price, Wayne
Sent: Tuesday, January 22, 2002 12:33 PM
To: 'Mark Larson'; 'cwwr@dynegy.com'
Cc: Johnson, Larry; Sheeley, Paul
Subject: RE: Groundwater Discharge Plan GW-025

Approved! OCD will want to witness the sampling below the liner.

-----Original Message-----

From: Mark Larson [mailto:mark@laenvironmental.com]
Sent: Monday, January 21, 2002 2:20 PM
To: Price, Wayne
Cc: cwwr@dynegy.com; pshelley@state.nm.us; lwjohnson@state.nm.us
Subject: Re: Groundwater Discharge Plan GW-025

Dear Mr. Price:

Dynegy Midstream Services, L.P. has retained Larson and Associates, Inc. to coordinate closure of brine pond #2 at the Monument Gas Plant.. In accordance with procedures outlined in the Addendum to the Groundwater Discharge Plan (GW-025) dated July 25, 2001, sediment will be removed from the pond, and disposed at a NMOC approved facility (Sundance Inc. , Eunice, New Mexico). The liner will also be taken to a licensed facility and disposed. No material will be buried on the site. It is Dynegy's intent to begin removal of the sediment and liner on January 22, 2002. Please call me at (915) 687-0901 if you have questions.

----- Original Message -----

From: "Price, Wayne" <WPrice@state.nm.us>
To: <cwwr@dynegy.com>
Cc: "Sheeley, Paul" <PSheelley@state.nm.us>; "Johnson, Larry" <LWJohnson@state.nm.us>; <mark@laenvironmental.com>
Sent: Thursday, January 17, 2002 2:04 PM
Subject: Groundwater Discharge Plan GW-025

>
> Dear Mr. Wrangham:
>
> The OCD is in receipt of the above captioned document dated July 25, 2001.
> The plan proposes responses to OCD request that were made during the
> discharge plan review and approval process. The OCD hereby approves of
> the
> plan with the following conditions:
>
> 1. Dynegy shall submit a plan for OCD approval before any waste is
> buried. Off-site disposal is approved at OCD permitted sites. Any waste
> being disposed of at a New Mexico Environment Department
> permitted site shall be pursuant to OCD Rule 712. Dynegy shall maintain
> disposal records for the final report.
>
> 2. A mechanical integrity test shall be conducted on the temporary
> abandoned well #2 by January 1, 2003. All test shall be witnessed by OCD.
>
> 3. The Stormwater Management plan is approved and will be incorporated
> into the discharge plan.
>
> 4. Notify the OCD Santa Fe office and the OCD District office at least
> 72 hours in advance of all scheduled activities such that the OCD has the
> opportunity to witness the events and/or split samples during OCD's normal
> business hours.

>
> Please be advised that NMOCD approval of this plan does not relieve Dynegy
> of liability should their operations fail to adequately investigate and
> remediate contamination that pose a threat to ground water, surface water,
> human health or the environment. In addition, NMOCD approval does not
> relieve Dynegy of responsibility for compliance with any other federal,
> state, or local laws and/or regulations.
>
> If you have any questions please do not hesitate to contact me at
> 505-476-3487 or E-mail WPRICE@state.nm.us.
>
>
>

Price, Wayne

From: Price, Wayne
Sent: Thursday, January 17, 2002 1:04 PM
To: 'cwwr@dynegy.com'
Cc: Sheeley, Paul; Johnson, Larry; 'mark@laenvironmental.com'
Subject: Groundwater Discharge Plan GW-025

Dear Mr. Wrangham:

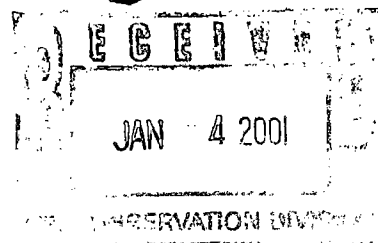
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1. Dynegy shall submit a plan for OCD approval before any waste is buried. Off-site disposal is approved at OCD permitted sites. Any waste being disposed of at a New Mexico Environment Department permitted site shall be pursuant to OCD Rule 712. Dynegy shall maintain disposal records for the final report.
2. A mechanical integrity test shall be conducted on the temporary abandoned well #2 by January 1, 2003. All test shall be witnessed by OCD.
3. The Stormwater Management plan is approved and will be incorporated into the discharge plan.
4. Notify the OCD Santa Fe office and the OCD District office at least 72 hours in advance of all scheduled activities such that the OCD has the opportunity to witness the events and/or split samples during OCD's normal business hours.

Please be advised that NMOCD approval of this plan does not relieve Dynegy of liability should their operations fail to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve Dynegy of responsibility for compliance with any other federal, state, or local laws and/or regulations.

If you have any questions please do not hesitate to contact me at 505-476-3487 or E-mail WPRICE@state.nm.us.

Dynegy Midstream Services, Limited Partnership
6 Desta Drive, Suite 3300
Midland, Texas 79705
Phone 915.688.0555 • Fax 915.688.0552
www.dynegy.com



January 2, 2001

Mr. Roger Anderson
Environmental Bureau Chief
Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

DYNEGY

RE: GW-025
Monument Plant
Discharge Plan Renewal

Dear Sir:

Please find attached a check (\$1667.50) for the discharge plan renewal flat fee and the signed approval conditions. I would like to thank you and your staff for the professional and courteous manner in which you have guided us through this process.

Please call with any questions or concerns. (915) 688-0542.

Sincerely,

Cal Wrangham
ES&H Advisor

Cc: Chris Williams/ OCD Hobbs with attachments
James Lingnau/Dynegy w/o attachments
Monument Plant Files

Price, Wayne

From: Price, Wayne
Sent: Wednesday, February 07, 2001 3:06 PM
To: 'Cal.Wrangham@dynegy.com'
Subject: RE: Dynegy Discharge Plans

Approved!

From: Cal.Wrangham@dynegy.com[SMTP:Cal.Wrangham@dynegy.com]
Sent: Wednesday, February 07, 2001 2:48 PM
To: WPrice@state.nm.us
Subject: Dynegy Discharge Plans

Because of the resent pending policy changes on used filter disposal Dynegy requests to revise NMOCD Discharge Plans. This includes permit # GW-003, 004, 005, 025, 026, 027, and 029. The Discharge Plans Waste Management Sections list the used filters to be transported and disposed of by Waste Management Inc. at the Lea County landfill. Dynegy would like to utilize E&E Environmental, PO Box 683, Brownfield TX. 79731. E&E will transport the filters to their Childress, Texas facility for processing/recycling. The filters are a non-hazardous waste stream.

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 12/26/00
or cash received on _____ in the amount of \$ 1,667.50
from DYNEGY MIDSTREAM SERVICES
for MONUMENT PLANT GW-025

Submitted by: ^(Printing Name) WAYNE PRICE . Date: ^(DP No.) 1/29/01
Submitted to ASD by: [Signature] Date: _____
Received in ASD by: _____ Date: _____

Filing Fee _____ New Facility _____ Renewal ☒
Modification _____ Other _____
(Optional)

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment ☒ or Annual Increment _____

■ VERIFY THE AUTHENTICITY OF THIS MULTI-TONE SECURITY DOCUMENT. ■ CHECK BACKGROUND AREA CHANGES COLOR GRADUALLY FROM TOP TO BOTTOM.

DYNEGY MIDSTREAM SERVICES,
LIMITED PARTNERSHIP
1000 LOUISIANA, SUITE 5800
HOUSTON, TEXAS 77002-5050
(713) 507-3988

BANK ONE, NA
CHICAGO, IL 60670

62-28
311
0978777

PAY One Thousand Six Hundred Sixty-Seven and 50/100 Dollars

CHECK NO. [REDACTED]

CHECK DATE
12 / 26 / 00

PAY EXACTLY
\$*****1,667.50

Void After 90 Days

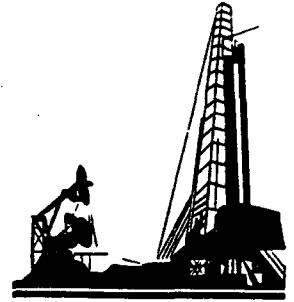
TO Water Quality Management Fund
THE c/o Oil Conservation Division
ORDER 2040 South Pacheco
OF Santa Fe NM 87508

DYNEGY MIDSTREAM SERVICES,

[Signature]
VICE PRESIDENT - TREASURER
AUTHORIZED SIGNATURE

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505
(505) 827-7133
Fax: (505) 827-8177



(PLEASE DELIVER THIS FAX)

SMF 281-385-3187

To: LARRY MALLOY - DYNEGY

From: WAYNE PRICE - OCC

Date: 7/28/00

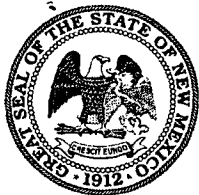
Number of Pages (Includes Cover Sheet) 3

Message: _____

6/20/2000

281-385-3187

If you have any trouble receiving this, please call:
(505) 827-7133



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

July 28, 2000

Mr. Larry Malloy
Dynergy Midstream Services, L.P.
Mont Belvieu Complex
P.O. Box 10
Mont Belvieu, Tx 77580

Re: Propane Storage Well #1 Leak Investigation and Repair.
Monument Gas Plant GW-025

Dear Mr. Malloy:

Per your request please find enclosed a C-103 form . Please fill out the "Notice of Intent To:" and submit to the OCD Hobbs Office District for approval. Please copy this office once the district has approved. Please note the OCD must witness the Mechanical Integrity Test during OCD's normal business hours.

If you have any other questions please do not hesitate to call 505-827-7155.

Sincerely;

A handwritten signature in black ink, appearing to read "Wayne Price-Pet".

Wayne Price-Pet. Engr. Spec.

cc: OCD Hobbs Office

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

WELL API NO.

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

8. Well No.

9. Pool name or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

3. Address of Operator

4. Well Location

Unit Letter _____: _____ feet from the _____ line and _____ feet from the _____ line

Section _____ Township _____ Range _____ NMPM _____ County _____

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE _____ TITLE _____ DATE _____

Type or print name _____ Telephone No. _____

(This space for State use)

APPROVED BY _____ TITLE _____ DATE _____

Conditions of approval, if any:

Dynegy Midstream Services, L.P.
Mont Belvieu Complex
P O Box 10
Mont Belvieu, TX 77580
Phone 281.385.3100



facsimile

FROM:

Larry Malloy
281-385-3118

PHONE:

(281) 385-3100

FAX:

(281) 385-3187

DATE:

7/27/00

TO:

Wayne Price
505-827-8177

CC:

☐ URGENT

FOR YOUR REVIEW

☐ REPLY ASAP☐ PLEASE COMMENT4

NUMBER OF PAGES INCLUDING COVER SHEET

Message:

Mr. Price,

Here is the information that you requested.

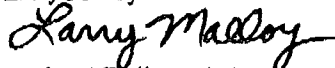
LM

Mr. Price,

I spoke with you earlier about the upcoming workover we need to perform on storage well # 1, since it appears we have a small leak in the 4&1/2" casing. This well is located at our Monument New Mexico facility in your District # 1. The well has already emptied, and we have scheduled a workover rig for next week to come in & rig up, to pull the 4&1/2" casing out of the well. We also will run a Sonar Log on the well to determine the cavern configuration & volume. A density log, a Gyro Deviation Survey, a Cement Bond Log, a Multi-finger Caliper Log, & a Digital Vertilog will also be performed. Next we will torque turn, & pressure test the connections of the new 4&1/2" casing, as we run it in. Then we will pressure test the wellhead & p-seal, and rig down the workover rig & move it off location. Then a Nitrogen/Brine Mechanical Integrity Pressure Test will be performed by Sonic Surveys Inc., to insure that there are not any leaks in the cavern.

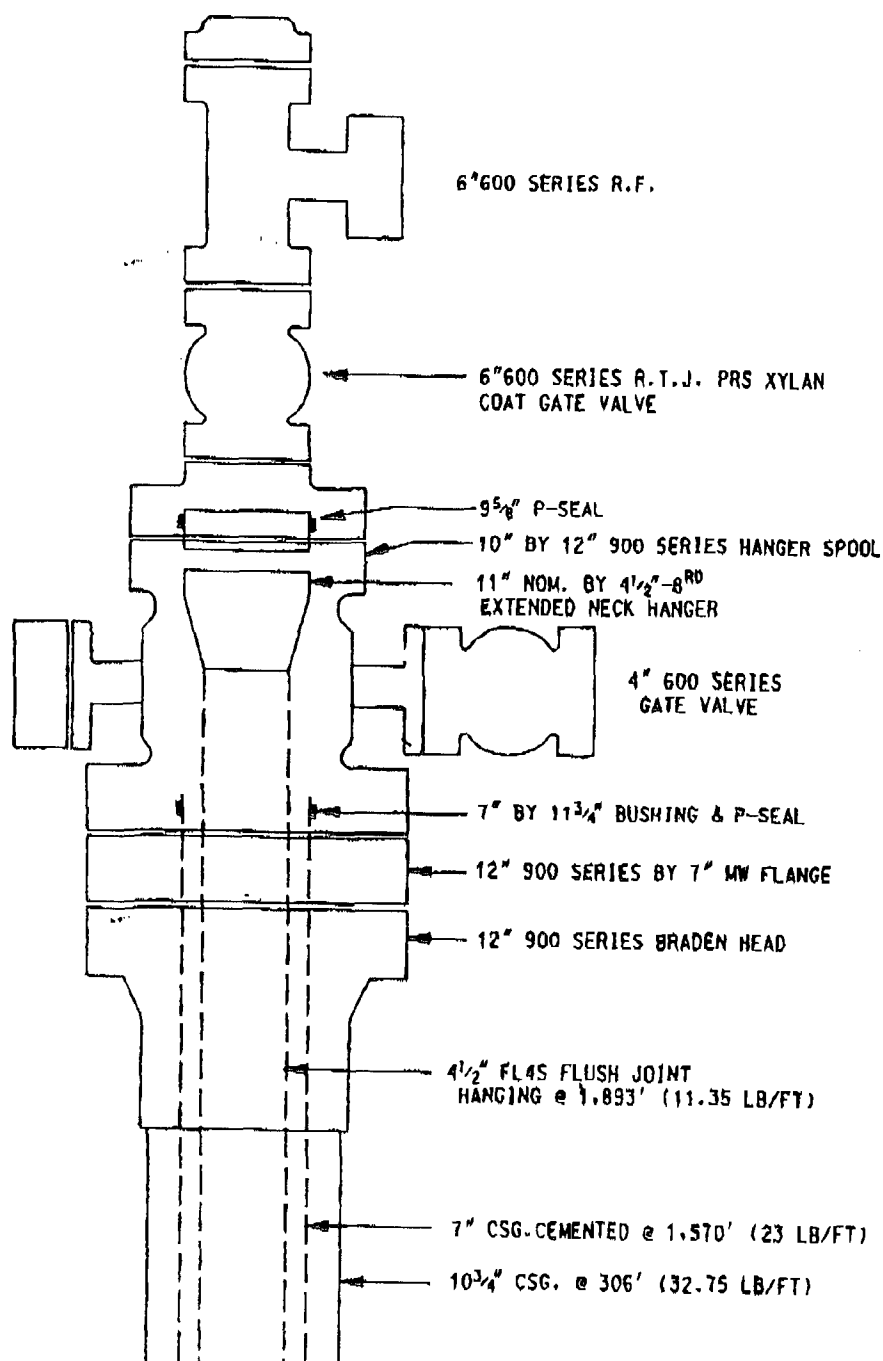
Jim Browning with Cavern Consultants will be performing the workover & supervising the for us. He also performed the last workover on this well in 1991, when he was working for PBKBB. I have sent you a copy of the well schematic & a copy of the wellhead for your information. Please let me know as soon as possible, if I need to fill out a form, or what I need to do, to be able to start this workover next week if at all possible. Thank you for your assistance on this matter. If you have any questions please call me at 281-385-3115.

Larry Malloy



Regional Well Specialist

7/27/00



PB-KBB Inc.
Subsurface Systems & Technology

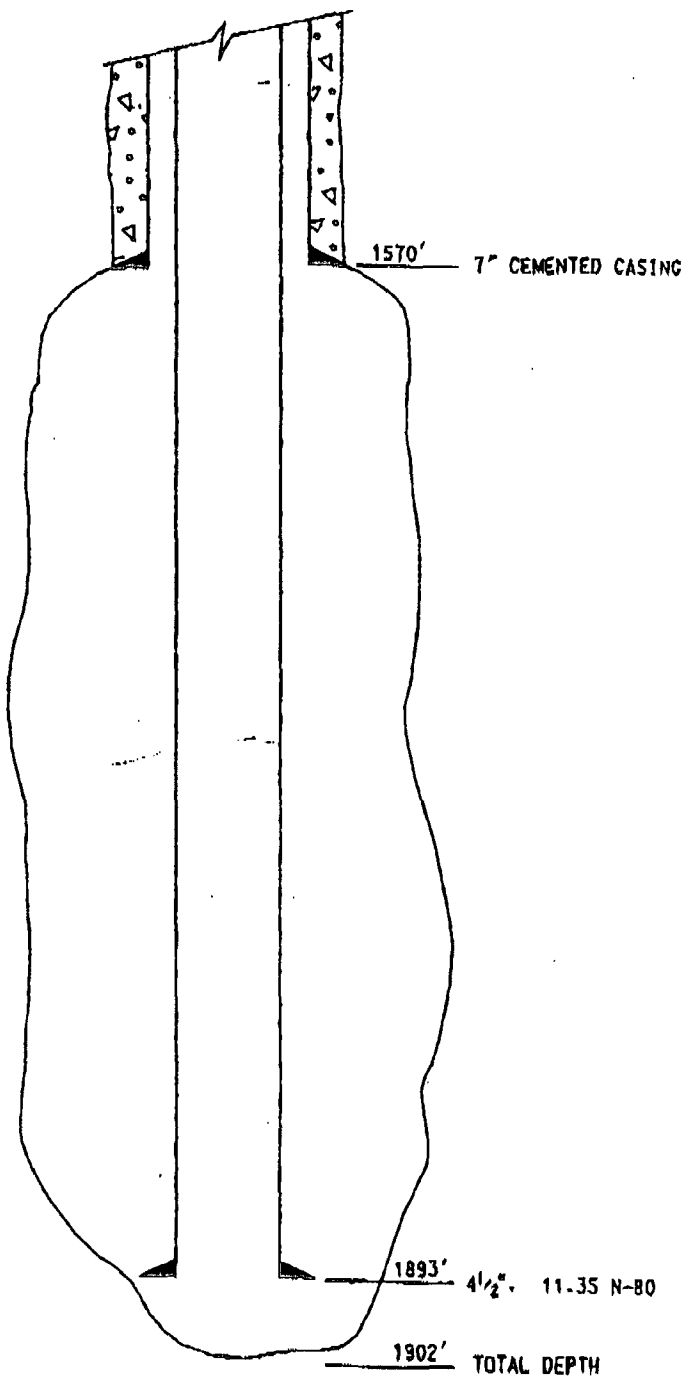
WARREN PETROLEUM

PROPANE STORAGE WELL # 1

JOB No.
180

DESIGN: JEB DRAWN: JK CHECKED: MM DATE: JULY 91 SCALE: AS SHOWN

DRAWING No.
180W101



PB-KBB Inc.
Subsurface Systems & Technology

WARREN PETROLEUM

WELL 1 MONUMENT, NEW MEXICO

JOB No.
180

DESIGN: MM

DRAWN: JK

CHECKED: MM

DATE: JULY 91

SCALE: AS SHOWN

DRAWING No.
180W301

Dynegy Midstream Services, Limited Partnership
6 Desta Drive, Suite 3300
Midland, Texas 79705
Phone 915.688.0555
Fax 915.688.0552
www.dynegy.com



February 7, 2000

Wayne Price
Environmental Engineer
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

RECEIVED
FEB 27 2000
Environmental Bureau
Oil Conservation Division

**Discharge Plan GW-025 Renewal
Monument Gas Processing Plant**

Gentlemen:

Dynegy Midstream Services, L. P. would like to renew the Monument Plant Discharge Plan as required by WQCC Sec. 3106.

Please find the attached:

- 1) The renewal form and a check in the amount of \$50.00, which constitutes our filing fee for the Discharge Plan renewal.
- 2) The updated Monument Plant Waste Management Plan which replaces the WMP in the current approved Discharge Plan, Section XIII.
- 3) The updated Spill Prevention Control and Countermeasure Plan which replaces the SPCC Plan in the current approved Discharge Plan, Section XII.

Please call me with any questions, Office (915) 688-0542 Cellular (915) 425-7072.

Sincerely,

Cal Wrangham
Permian Basin Region ES&H Advisor

Aug '90
↓

Cc: w/o attachments OCD Hobbs District Office

Current

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Revised March 17, 1999

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

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

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

☐ New ☒ Renewal ☐ Modification

RECEIVED
FFR 27 2000
Environmental Bureau
Oil Conservation Division

1. Type: Monument Gas Processing Plant
2. Operator: Dynegy Midstream Services, L. P.
Address: PO Box 67 Monument, NM (3 miles SW of Monument on Hwy 322)
Contact Person: Cal Wrangham Phone: (915) 688-0542
3. Location: SW /4 /4 Section 36 Township 19 South Range 36 East
Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site. **See on file at OCD**
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
See on file at OCD
6. Attach a description of all materials stored or used at the facility. **See on file at OCD**
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included. **See attached updated Waste Management Plan (this replaces Section XIII in current plan)**
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
See attached updated Waste Management Plan (this replaces Section XIII in current plan)
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
See attached updated Waste Management Plan (this replaces Section XIII in current plan)
10. Attach a routine inspection and maintenance plan to ensure permit compliance. **See on file at OCD**
11. Attach a contingency plan for reporting and clean-up of spills or releases. **See attached updated SPCC Plan (this Replaces Section XII in current Plan.**
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
See on file at OCD
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders. **See on file at OCD**

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: Cal Wrangham

Title: Permian Basin Region ES&H Advisor

Signature: Cal Wrangham

Date: 2/3/2000

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Revised March 17, 1999

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

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

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

☐ New ☒ Renewal ☐ Modification

RECEIVED

FFR 27 2000

Environmental Bureau
Oil Conservation Division

1. Type: Monument Gas Processing Plant
2. Operator: Dynegy Midstream Services, L. P.
- Address: PO Box 67 Monument, NM (3 miles SW of Monument on Hwy 322)
- Contact Person: Cal Wrangham Phone: (915) 688-0542
3. Location: SW /4 /4 Section 36 Township 19 South Range 36 East
Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site. **See on file at OCD**
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
See on file at OCD
6. Attach a description of all materials stored or used at the facility. **See on file at OCD**
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included. **See attached updated Waste Management Plan (this replaces Section XIII in current plan)**
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
See attached updated Waste Management Plan (this replaces Section XIII in current plan)
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10. Attach a routine inspection and maintenance plan to ensure permit compliance. **See on file at OCD**
11. Attach a contingency plan for reporting and clean-up of spills or releases. **See attached updated SPCC Plan (this Replaces Section XII in current Plan.**
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
See on file at OCD
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders. **See on file at OCD**

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: Cal Wrangham Title: Permian Basin Region ES&H Advisor

Signature: Cal Wrangham Date: 2/3/2000

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. 0000508607 dated 02/11/00,
or cash received on _____ in the amount of \$ 50⁰⁰

from VERBANO GAS PROCESSORS, L.L.C.

for DYNEGY MONUMENT GAS PLANT

GW-025

Submitted by: WAYNE PRICE (Facility Name) Date: 2/22/00 (CP No.)

Submitted to ASD by: [Signature] Date: "

Received in ASD by: _____ Date: _____

Filing Fee ☒ New Facility _____ Renewal _____

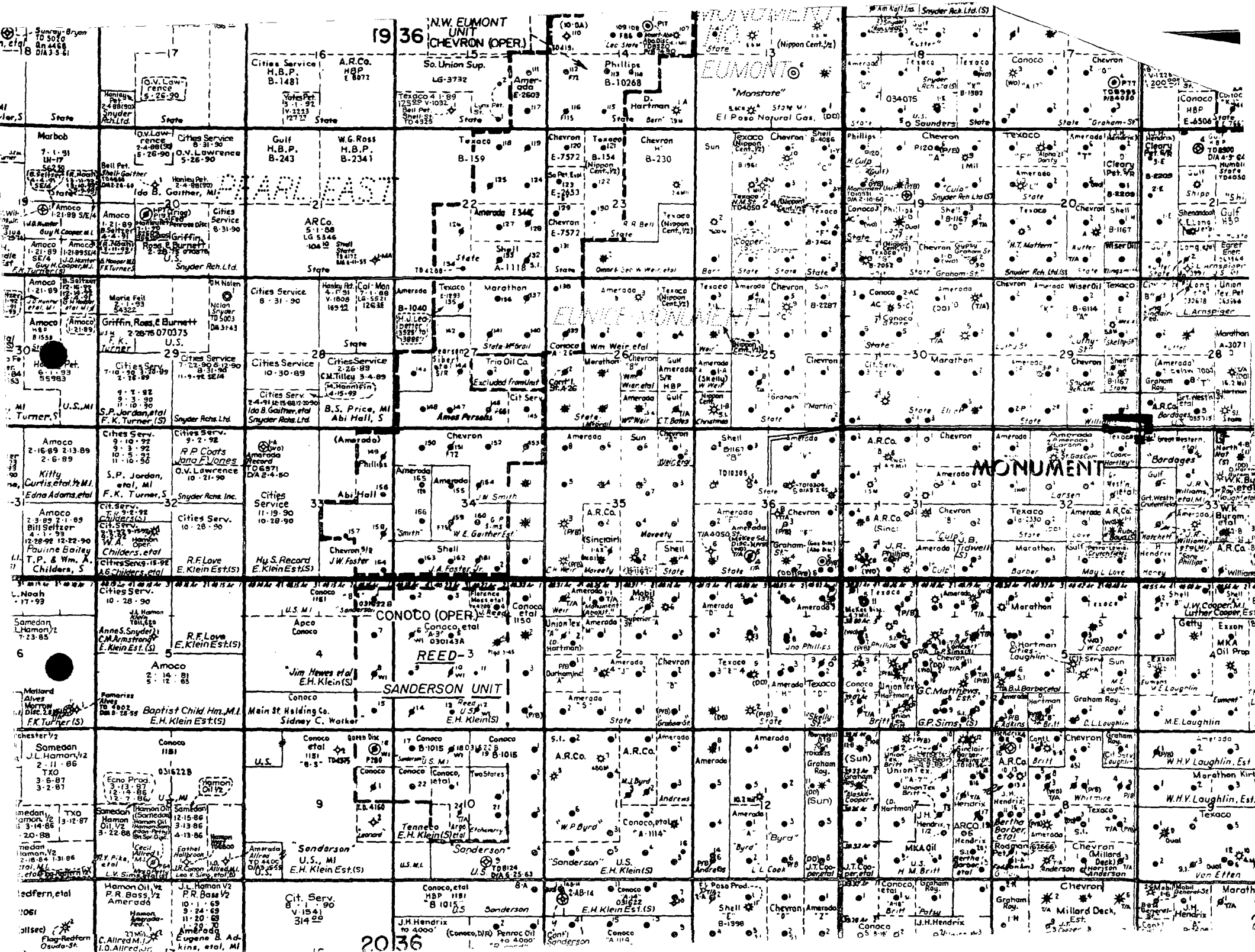
Modification _____ Other _____

(optional)

Organization Code 521.07 Applicable FY 2000

To be deposited in the Water Quality Management Fund.

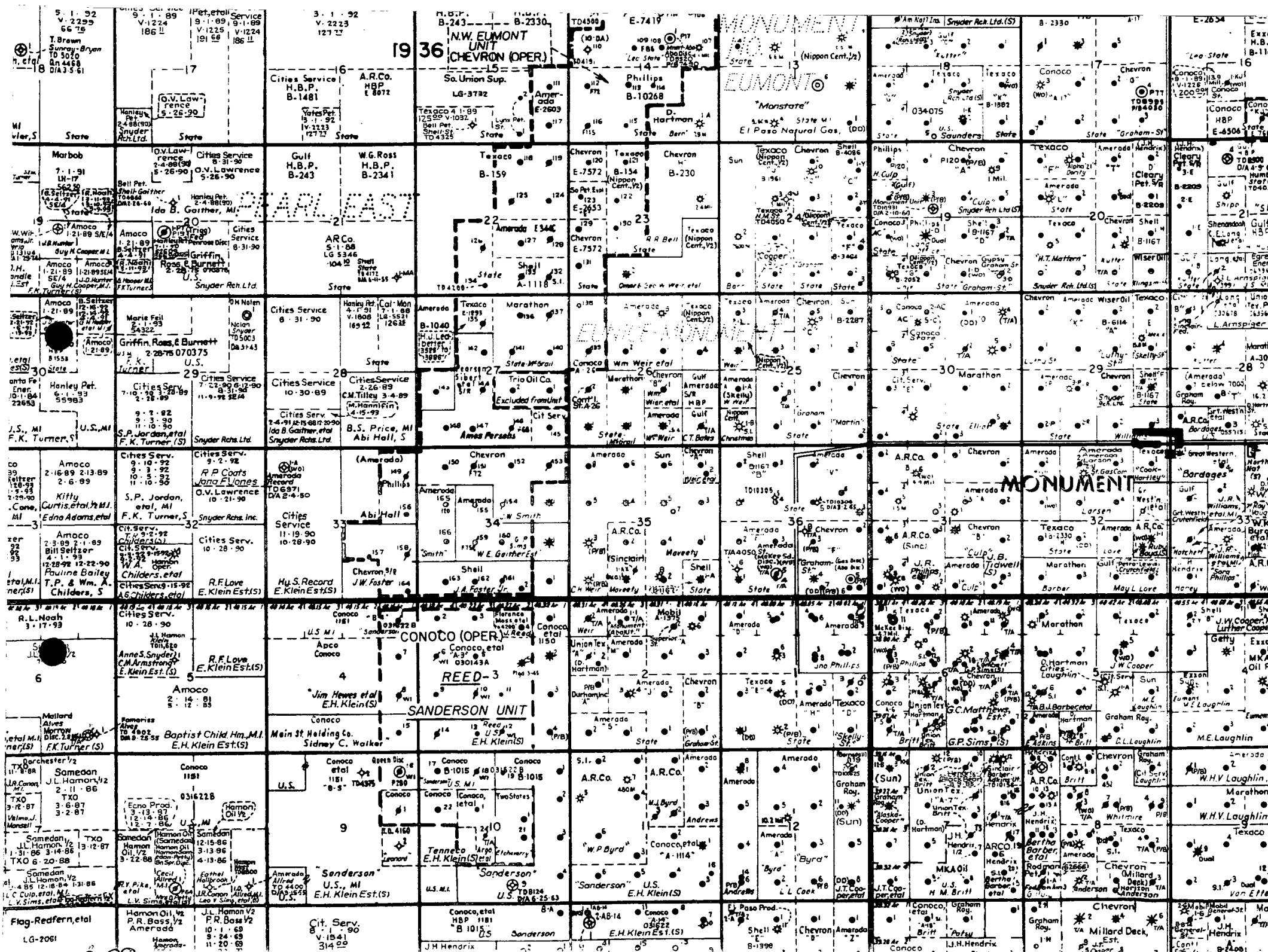
Full Payment _____ or Annual Increment _____



6-9-88

[illegible]

6-9-88



6-9-88

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

BULK STORAGE TANK ANNUAL INSPECTION REPORT*

Tank No.	Date	Comments	Inspector
P-1	7-13-99	Good Condition - Not in use	P. DeLeon
P-2	7-13-99	Good Condition - In use	
P-3	7-13-99	Good Condition - Not in use	
P-4	7-13-99	Good Condition - Not in use	
P-5	7-13-99	Good Condition - Not in use	
P-6	7-13-99	Good Condition - Not in use	
P-7	7-13-99	Good Condition - In use	
P-8	7-13-99	Good Condition - In use	
P-9	7-13-99	Good Condition - In use	
P-10	7-13-99	Good Condition - Not in use	
P-11	7-13-99	Good Condition - Not in use	
P-12	7-13-99	Good Condition - Not in use	
P-13	7-13-99	Good Condition - Not in use	
P-14	7-13-99	Good Condition - Not in use	
P-15	7-13-99	Good Condition - Not in use	
P-16	7-13-99	Good Condition - Not in use	
P-17	7-13-99	Good Condition - Not in use	
P-18	7-13-99	Good Condition - Not in use	
P-19	7-13-99	Good Condition - In use	
W-1	7-13-99	Good Condition - In use	
W-2	7-13-99	Good Condition - In use	
RO-1	7-13-99	Good Condition - In use	
RO-2	7-13-99	Good Condition - In use	
DEA-1	7-13-99	Good Condition - In use	
HO-1	7-13-99	Good Condition - In use	
SO-1S	7-13-99	Good Condition - In use	
SO-2M	7-13-99	Good Condition - In use	
SO-3-N	7-13-99	Damaged - In use	
SA-1	7-13-99	Good Condition - In use	
LO-1	7-13-99	Good Condition - In use	
LO-2	7-13-99	Good Condition - In use	
LO-Area	7-13-99	Good Condition	
TW-1	7-13-99	Damaged - Not in use	
FEO-1	7-13-99	Good Condition - In use	
PLD-1	7-13-99	Good Condition - In use	
WO-1	7-13-99	Good Condition - In use	
SL-1	7-13-99	Good Condition - In use	
SL-2	7-13-99	Good Condition - In use	
BO-2 Area	7-13-99	Good Condition - In use	

Signature:

P. DeLeon

*Test reports are retained after this form and are kept as a part of this report. This report shall remain in the Environmental File System (File VI.A.3) for a period of three (3) years from the date of this document.

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

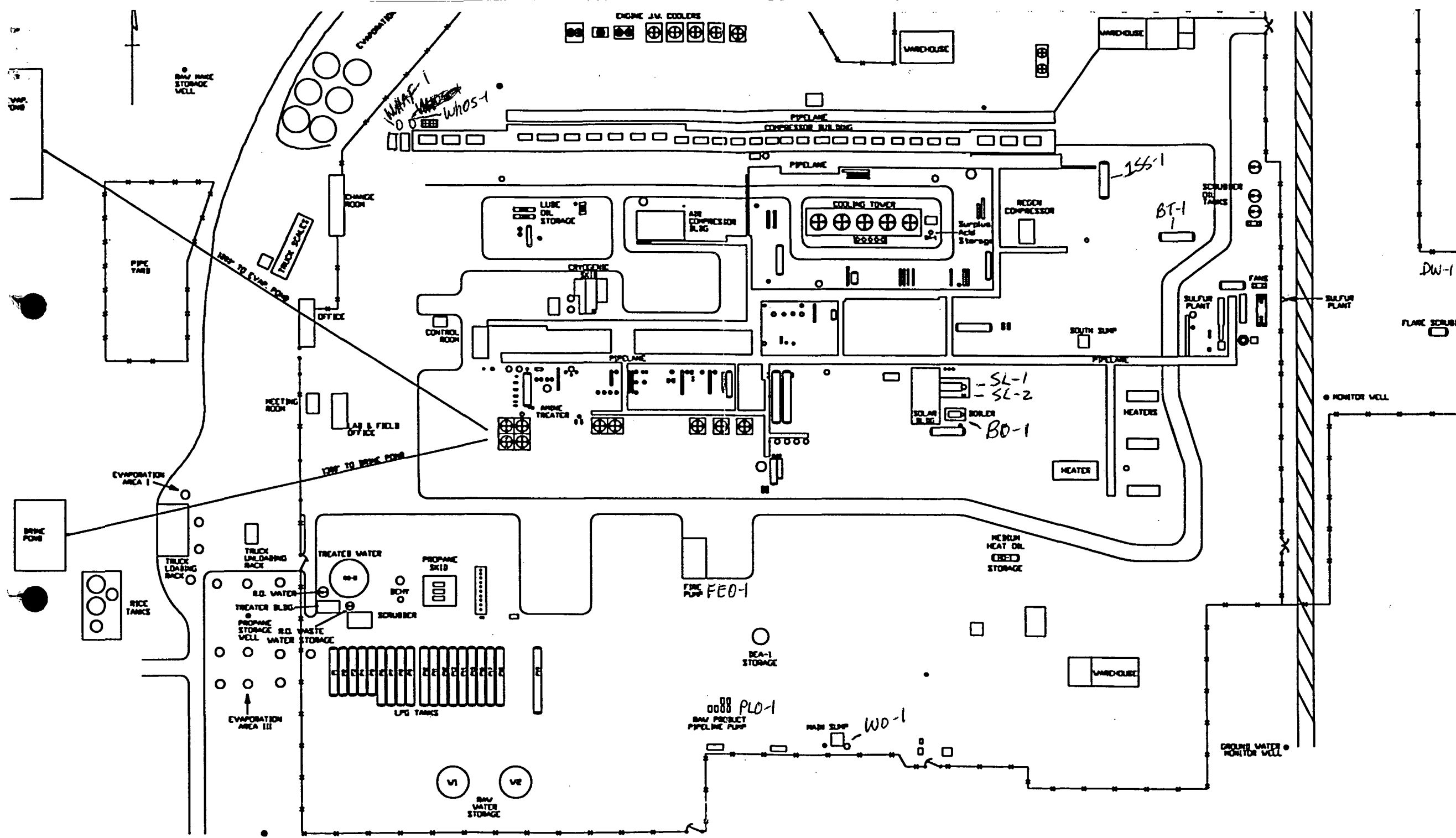
BULK STORAGE TANK ANNUAL INSPECTION REPORT*

Tank No.	Date	Comments	Inspector
WHOS-1	7-13-99	Good Condition - In use	D. DeRem
WHMF-1	7-13-99	Good Condition - In use	
BT-1	7-13-99	Good Condition - In use	
ISS-1	7-13-99	Good Condition - In use	
SA-2	7-13-99	Good Condition - In use	
Borwick Station			
SKW-1	7-13-99	Good Condition - In use	
SKLO-1	7-13-99	Good Condition - In use	
SKSO-1	7-13-99	Good Condition - In use	
SKW-2	7-13-99	Good Condition - In use	
JYW-1	7-13-99	Good Condition - In use	
JYLO-1	7-13-99	Good Condition - In use	
JYLO-2	7-13-99	Good Condition - In use	
JYSO-2	7-13-99	Damaged - In use ??	
JYSO-1	7-13-99	Good Condition - In use	
BKYLO-1	7-13-99	Good Condition - In use	
BKYW-1	7-13-99	Good Condition - In use	
BKYCO-1	7-13-99	Good Condition - In use	
BKYCO-2	7-13-99	Good Condition - In use	
BKYDA-1	7-13-99	Good Condition - Not in use	
BKYMEL-1	7-13-99	Good Condition - Not in use	
BKYTEG-1	7-13-99	Good Condition - Not in use	
BKYTEG-2	7-13-99	Good Condition - Not in use	
BKYSA-1	7-13-99	Good Condition - Not in use	
BKYSO-1	7-13-99	Good Condition - In use	
BKYSO-2	7-13-99	Good Condition - In use	
BKYP-1	7-13-99	Good Condition - Not in use	
BKYP-2	7-13-99	Good Condition - Not in use	
BKYP-3	7-13-99	Good Condition - Not in use	
BKYP-4	7-13-99	Good Condition - Not in use	
BKYKER-1	7-13-99	Good Condition - Not in use	

Signature:

D. DeRem

*Test reports are retained after this form and are kept as a part of this report. This report shall remain in the Environmental File System (File VI.A.3) for a period of three (3) years from the date of this document.



GENERAL NOTES		GENERAL NOTES		BUD. NO.		REFERENCE DRAWINGS		NO.		REVISION		BY	DATE	CHK.	APPR.	NO.	REVISION		BY	DATE	CHK.	APPR.	AS OR MO	REV.

Ricky Woods
Need this turned
in Before April 7
next meeting April 7

**MONUMENT PLANT
MONTHLY SAFETY & ENVIRONMENTAL INSPECTION**

Area "C"

March

1. SCBA/AIR LINE RESPERITOR INSPECTION.

	O.K.	SCBA	Tags Punched
Black Tank	<u>2200</u>	psi	<u>Tag Punched</u>
SRU Plant	<u>2300</u>	psi	<u>No Tag</u>
Spare Bottle in lab	<u>1300</u>	psi	<u>No Tag</u>

	Air Line Respirator	
Unloading Rack	<u>1850</u>	psi
Sulfur Plant	<u>1650 + spare</u>	psi

	<u>No Tag</u>
	<u>No Tag</u>

2. Check First Aid Kit

Office	<u>✓</u>
Lab	<u>✓</u>
I&E	<u>Complete</u>
R.O.	<u>EYE SOLUTION & Ice Pack Nothing Else</u>

3. Check fire fighting inventory.

- A. ✓ 5 gallon cans of foam. (12 minimum)
- B. 10 50 pound cans of dry chemical. (14 minimum)
- C. ✓ CO₂ cartridges. (40 minimum)
- D. 3/4 Gallons diesel Fire Engine fuel.
- E. No Fire Blanket.
- F. Yes Unloading Pump Fire Blanket
- G. Yes Company Truck Loading Fire blanket

4. Loading and Unloading Rack Areas: Is all loading/unloading equipment (piping, pumps, hoses, booms etc.) in good condition? ✓

5. Inspect Hoist and Trolleys.

Location	Tonnage stenciled	Condition	Initials	Date	Work Order wrote
Old Warehouse	<u>✓</u>	<u>Fair</u>	<u>AW</u>	<u>3-29-00</u>	
Outside Old					

**MONUMENT PLANT
MONTHLY SAFETY & ENVIRONMENTAL INSPECTION**

Warehouse

3 Ton

Good

RW

6. **Chain and Strap Inspection:** If any found in bad shape take out of service.
OK ✓ Bad _____

7. **Waste Water Pit Inspection:** Is there any liquid between basin and containment wall of south pit? YES

8. **Drum Storage Area:** Are drums labeled properly? No Are there any empty drums that need to be removed? Yes Are drums closed to atmosphere? No Are any drums leaking? No
Is there any liquid in the containment that need removed? No

9. **Rice Tank Area Inspection:** Is there any liquid in the containment area of the Rice tank or Propane well brine pump? YES

10. **Leak detector at Brine Pit?** OK

11. **Is there any oil on Brine Pit?** No

12. List any leaks or other safety/environmental hazards found in Area "C".

Ricky Woods

Safety Committee Member
Ricky Woods



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

Z 235 437 297

US Postal Service
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No Insurance Coverage Provided.
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June 17, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. Z-235-437-297

Mr. Russell Dykes
Warren Petroleum Company L.P.
1000 Louisiana, Suite 5800
Houston, Texas 77002

RE: GROUND WATER MONITORING
WARREN MONUMENT GAS PLANT

Dear Mr. Dykes:

The New Mexico Oil Conservation Division has reviewed the Warren Petroleum Company L.P. (Warren) March 19, 1998 "ANNUAL SUMMARY REPORT FOR 1997 GROUNDWATER MONITORING ACTIVITIES AT WARREN MONUMENT GAS PLANT, LEA COUNTY, NEW MEXICO" which was submitted on behalf of Warren by their consultant Arcadis Geraghty & Miller, Inc. This document contains the results of Warren's 1997 ground water remediation and monitoring activities. The document also contains Warren's proposal to change the water quality sampling frequency from quarterly to semiannually.

The above referenced requested monitoring modification is approved.

Please be advised that OCD approval does not limit Warren to the proposed monitoring program if the program fails to adequately monitor contamination related to Warren's operations. In addition, this approval does not relieve Warren of responsibility for compliance with any other federal, state, or local laws and regulations.

If you have any questions, please contact me at (505) 827-7154.

Sincerely,

William C. Olson
Hydrologist
Environmental Bureau

xc: Wayne Price, OCD Hobbs District Office
John P. Shonfelt, Arcadis Geraghty & Miller, Inc.

PS Form 3800 April 1995

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STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

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

March 25, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-269-269-291

Mr. J.D. Morris
Health Environment & Loss Prevention
Warren Petroleum Company
1000 Louisiana, Suite 5800
Houston, Texas 77002

**RE: GROUND WATER REMEDIATION/MONITORING
WARREN MONUMENT GAS PLANT
LEA COUNTY, NEW MEXICO**

Dear Mr. Morris:

The New Mexico Oil Conservation Division (OCD) has completed a review of Warren Petroleum Company's (WPC) February 14, 1997 "ANNUAL SUMMARY REPORT FOR 1996 GROUNDWATER MONITORING ACTIVITIES AT WARREN MONUMENT GAS PLANT, LEA COUNTY, NEW MEXICO" which was submitted on behalf of WPC by their consultant Geraghty & Miller, Inc. This document contains the results of WPC's ground water remediation and monitoring actions for 1996. The document also recommends expanding the hydrocarbon recovery system to include monitor wells WP-11 and WP-13.

The above referenced recommendations are approved with the following conditions:

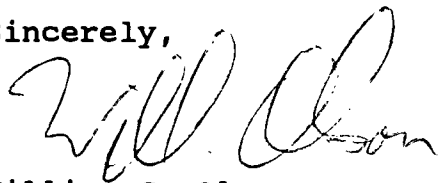
1. Any underground piping installed for the hydrocarbon recovery system will be pressure tested to a minimum of 3 psi above operating pressure prior to operation. The results of all pressure testing will be included in the following annual report.
2. All wastes generated will be disposed of at an OCD approved facility or in an OCD approved manner.

Mr. J.D. Morris
March 25, 1997
Page 2

Please be advised that OCD approval does not relieve WPC of liability should their remediation and monitoring program fail to adequately monitor or remediate ground water contamination related to WPC's operations. In addition, this approval does not relieve WPC of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please call me at (505) 827-7154.

Sincerely,



William C. Olson
Hydrogeologist
Environmental Bureau

xc: Jerry Sexton, OCD Hobbs District Supervisor
Wayne Price, OCD Hobbs Office

P 269 269 291

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PS Form 3800, April 1995



WARREN PETROLEUM
COMPANY, L.P.

CONSERVATION DIVISION
RECEIVED
SEP 21 1996 8 52

An NGC Company

13430 Northwest Freeway
Suite 1200
Houston, TX 77040-6095

September 20, 1996

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

Attn.: Mr. Roger C. Anderson
Environmental Bureau Chief

Re: **TRANSFER OF DISCHARGE PLANS,
SWD ADMINISTRATIVE ORDERS, and
ANNUAL LPG STORAGE WELL REPORTS
WARREN PETROLEUM COMPANY**

Dear Ladies and Gentlemen:

This is to confirm that the merger between Chevron USA Inc.'s Warren Petroleum Company Division and NGC Corporation was completed on August 31, 1996. Effective September 1, 1996, Warren Petroleum Company, Limited Partnership, will be responsible for compliance with the discharge plans, SWD administrative orders and annual storage well reports referenced in the attached letter.

If you have any questions, please call J. Dee Morris at 713-507-6752.

Very truly yours,

Hans Schuster
Vice President - Technical Services

Attachment

xc: Mr. Jerry Sexton
NMOCD District 1
PO Box 1980
Hobbs, NM 88241-1980

Mr. Bob Boyd
New Mexico



Warren

Warren Petroleum Company
P. O. Box 1589
Tulsa, OK 74102

R. L. Langley
Manager, Health, Environment
and Loss Prevention
Phone 918 560 4471
Fax 918 560 4544

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

August 27, 1996

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

Attn.: Mr. Roger C. Anderson
Environmental Bureau Chief

**Re: TRANSFER OF DISCHARGE PLANS,
SWD ADMINISTRATIVE ORDERS, and
ANNUAL LPG STORAGE WELL REPORTS
WARREN PETROLEUM COMPANY**

Dear Ladies and Gentlemen:

This is to advise you that on or about August 31, 1996, Chevron USA Inc. intends to contribute its Warren Petroleum Company division to a new company ("Newco") into which NGC Corporation will merge. Newco will change its name to NGC Corporation. NGC Corporation intends to contribute most of the former Warren Petroleum Company division assets and obligations to an indirect subsidiary to be named Warren Petroleum Company, Limited Partnership, a Delaware limited partnership ("Warren LP").

Warren Petroleum Company, a Division of Chevron USA Inc., and NGC Corporation agree that on the merger closing, the responsibility for compliance with the Discharge Plans, the SWD Administrative Orders, and the filing of the Annual Storage Well Reports listed on the Attachment will shift from Warren Petroleum Company, a Division of Chevron USA Inc., to Warren LP. Warren LP will be liable for compliance effective the merger close date forward.

New Mexico Oil Conservation Division
Attn.: Mr. Roger C. Anderson
August 27, 1996

The new address for the home office will change on September 1, 1996 to:

NGC Corporation
Warren Petroleum Company, Limited Partnership
13430 Northwest Freeway
Suite 1200
Houston, TX 77040
Attn.: J. Dee Morris
Environmental Manager

If you have any questions, please call me or J. Dee Morris at 918-560-4114.

Very truly yours,



R. L. Langley

Attachment

xc: Mr. Jerry Sexton
NMOC District 1
PO Box 1980
Hobbs, NM 88241-1980

Mr. Bob Boyd
New Mexico

New Mexico Oil Conservation Division
Attn.: Mr. Roger C. Anderson
August 27, 1996

ATTACHMENT

Warren Petroleum Company
a division of Chevron USA Inc.

Discharge Plans, Annual Storage Well Reports and SWD Administrative Orders

BLUITT PLANT NMOCD Discharge Plan GW-18 (7/5/95)
EUNICE PLANT NMOCD Discharge Plan GW-05 (5/96)
MONUMENT PLANT NMOCD - Discharge Plan GW-25 (7/5/95)
MONUMENT PLANT NMOCD Administrative Order SWD-561 (6/16/94)
MONUMENT PLANT NMOCD Annual Report for Propane Storage Well #1
MONUMENT PLANT NMOCD Annual Report for LPG Storage Well #2
SAUNDERS PLANT NMOCD Discharge Plan GW-26 (7/5/95)
SAUNDERS PLANT NMOCD Administrative Order SWD-255 (7/13/93)
VADA PLANT NMOCD Discharge Plan GW-27 (7/5/95)



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

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

August 9, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. P-269-269-189

Mr. J.D. Morris
Health Environment & Loss Prevention
Warren Petroleum Company
P.O. Box 1589
Tulsa, Oklahoma 74102

**RE: GROUND WATER MONITORING
WARREN MONUMENT GAS PLANT
LEA COUNTY, NEW MEXICO**

Dear Mr. Morris:

The New Mexico Oil Conservation Division (OCD) has completed a review of Warren Petroleum Company's (WPC) June 14, 1996 "GROUND WATER CONTAMINATION, WARREN PETROLEUM MONUMENT GAS PLANT, LEA COUNTY, NEW MEXICO". This document contains WPC's proposal to change the reporting frequency of ground water monitoring reports from semi-annual to annual.

The above referenced proposal is approved with the following conditions:

1. Ground water from all monitor wells which do not contain free phase products will be sampled and analyzed on a quarterly basis for benzene, toluene, ethylbenzene, xylene, total dissolved solids, major cations and anions, polynuclear aromatic hydrocarbons and New Mexico Water Quality Control Commission heavy metals according to EPA approved protocol and laboratory methods.
2. The annual report will be submitted to the OCD by February 15 of each year. The annual reports will contain:
 - a. A description of the monitoring and remediation activities which occurred during the year including conclusions and recommendations.
 - b. Summary tables listing past and present laboratory analytic results of all water quality sampling for each monitoring point and plots of concentration vs. time for contaminants of concern from each monitoring point. Copies of the most recent years laboratory analytical data sheets will also be submitted
 - c. A quarterly water table elevation map using the water table elevation of the ground water in all monitor wells.

Mr. J.D. Morris
August 9, 1996
Page 2

- d. Plots of water table elevation vs. time for each ground water monitoring point.
 - e. A quarterly product thickness map based on the thickness of free phase product on ground water in all monitor wells.
 - f. The volume of product recovered in the remediation/treatment system during each quarter and the total recovered to date.
 - g. The volume of total fluids pumped from all recovery wells during each quarter and the total volume recovered to date.
3. WPC will notify the OCD at least one week in advance of all scheduled activities such that the OCD has the opportunity to witness the events and/or split samples.
 4. All documents submitted for approval will be submitted to the OCD Santa Fe Office with copies provided to the OCD Hobbs District Office.

Please be advised that OCD approval does not relieve WPC of liability should their remediation and monitoring program fail to adequately monitor or remediate ground water contamination related to WPC's operations. In addition, this approval does not relieve WPC of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please call me at (505) 827-7154.

Sincerely,



William C. Olson
Hydrogeologist
Environmental Bureau

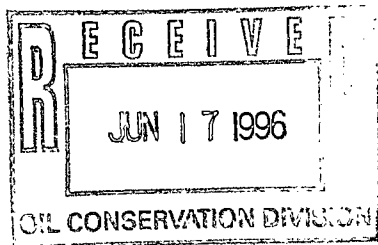
xc: Jerry Sexton, OCD Hobbs District Supervisor
Wayne Price, OCD Hobbs Office

P 269 269 189

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PS Form 3800, April 1995



Warren

June 14, 1996

Mr. William C. Olson
Hydrogeologist, Environmental Bureau
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

Warren Petroleum Company
P. O. Box 1589
Tulsa, OK 74102
1350 South Boulder
Tulsa, OK 74119

**Health, Environment and
Loss Prevention**
Phone 918 560 4000
Fax 918 560 4111

RE: Ground Water Contamination
Warren Petroleum Monument Gas Plant
Lea County, New Mexico

Dear Mr. Olson,

Our last semi-annual report for the period, July 1, 1995 through December 31, 1995, did not contain groundwater elevation or product thickness maps due to difficulties obtaining accurate well elevations. Well elevations have since been established and maps for this period have been completed and are attached. Our next semi-annual report is due in July of this year.

We would like to propose that the semi-annual reporting requirement be changed to a single annual report ending each calendar year and due to your office by February 15. This reporting structure would reduce preparation and review time for both of our offices while maintaining the current level of monitoring activities.

Please advise if this change is acceptable and let us know if any changes in the recovery or monitoring program are required at this time. My phone number is 918-560-4114, or you may contact Donnie Wallis at 505-393-2823, if you have any questions. Thank you for your assistance in this matter.

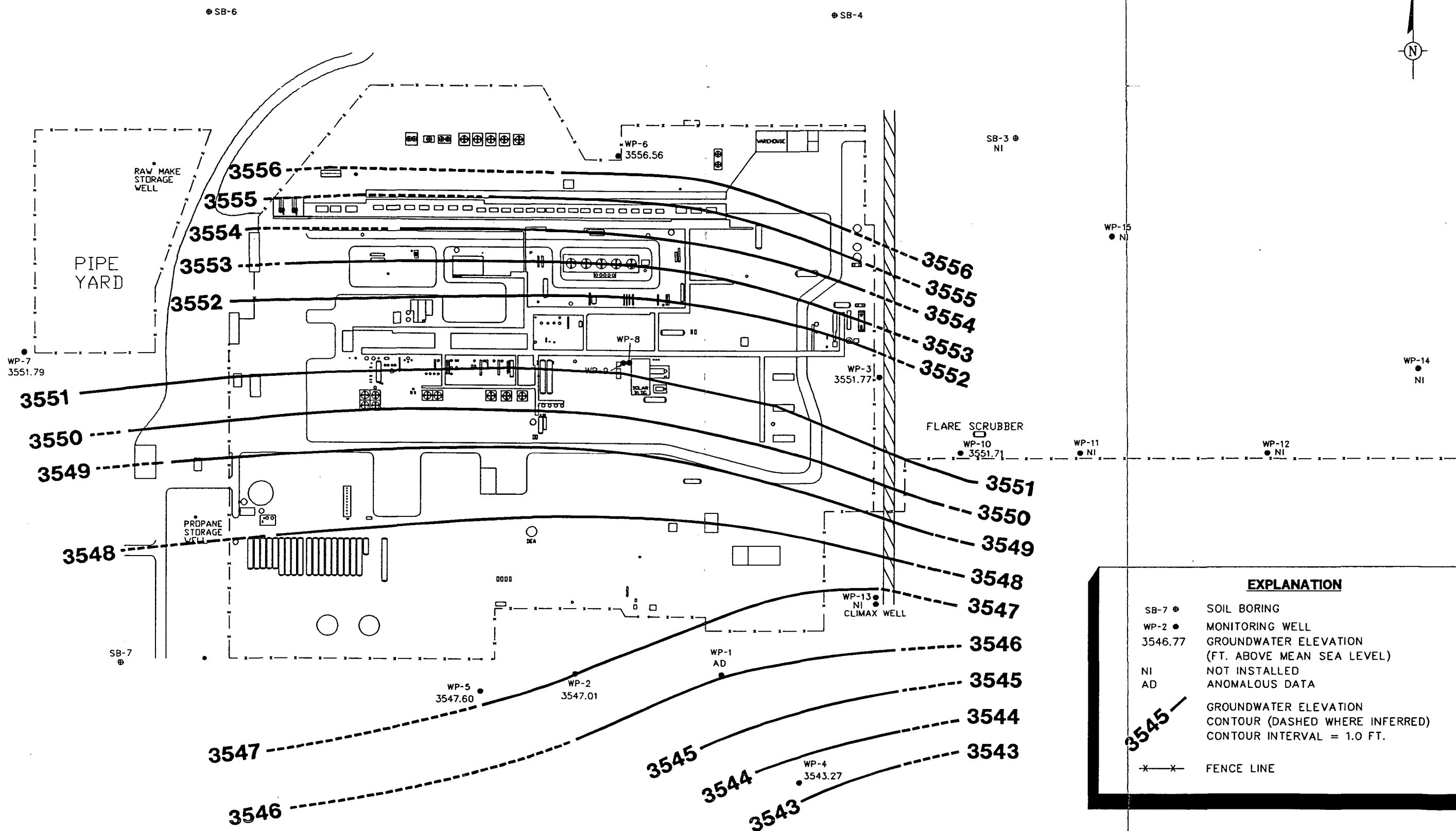
Sincerely,

J. D. Morris

cc: Jerry Sexton
NMOCD District Office
1000 W. Broadway
Hobbs, NM 88240

K. A. Peterson - Tulsa
F. C. Noah - Monument
D. E. Wallis - Monument
L. T. Reed - Tulsa
File: (NM) VII B. 1.

DWG DATE: 5JUNE96 PRJCT NO.: OK0532.002 FILE NO.: - DRAWING: GW1095 CHECKED: D. MINIELLY APPROVED: JOHN SHONFELT DRAFTER: JIM HARBESTON



NOTE:
WELLS WP-8 AND WP-9 WERE CONVERTED TO CATHODIC PROTECTION WELLS.

GERAGHTY & MILLER, INC.
Environmental Services
A Heidemij Company

0 200 ft.

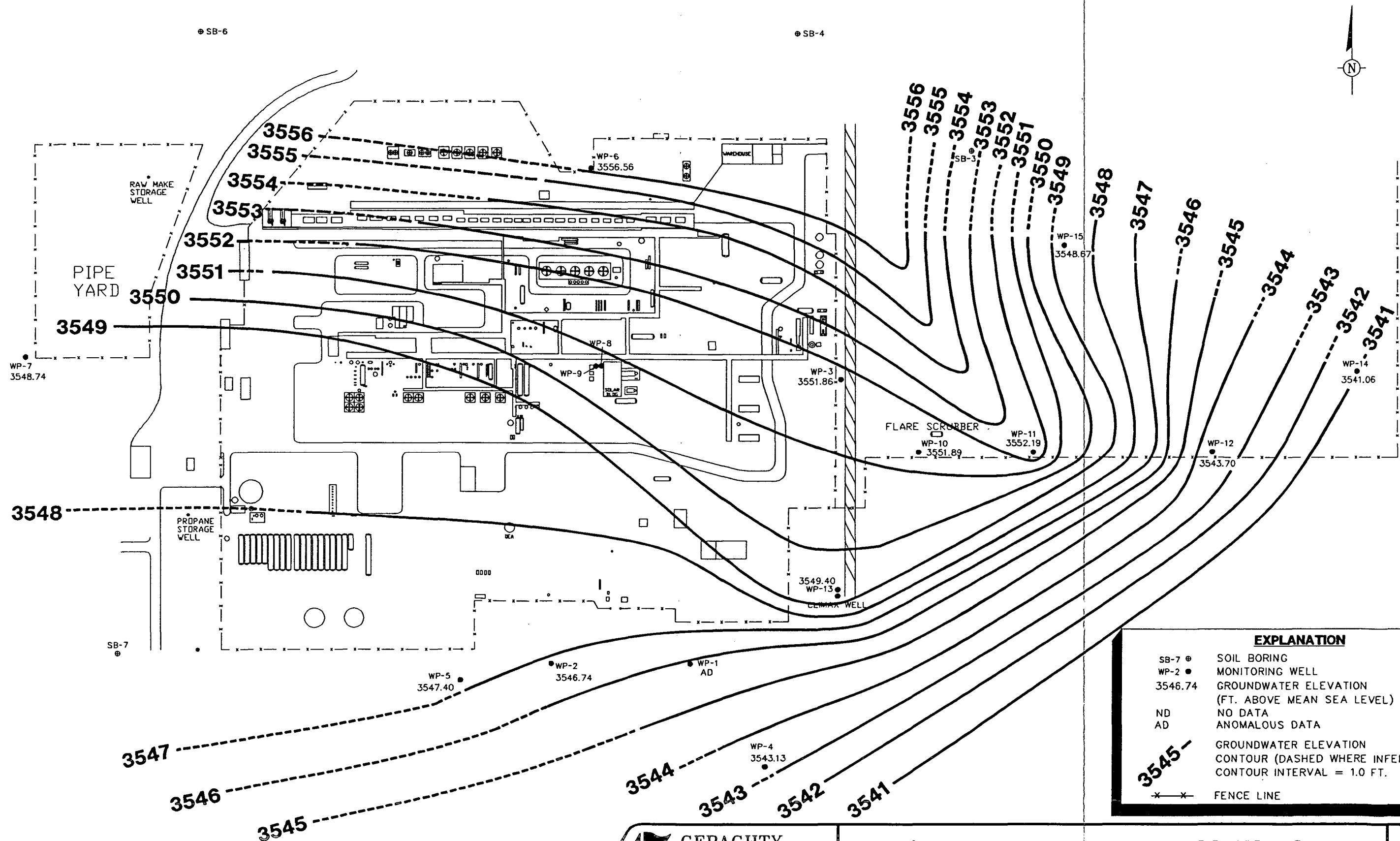
GROUNDWATER ELEVATION CONTOURS OCTOBER 31, 1995

WARREN PETROLEUM
MONUMENT, NEW MEXICO

FIGURE

1

DWG DATE: 5JUNE96 | PRCT NO.: OK0532.002 | FILE NO.: - | DRAWING: GW1195 | CHECKED: D. MINIELLY | APPROVED: JOHN SHONFELT | DRAFTER: JIM HARBESTON



NOTE:
WELLS WP-8 AND WP-9 WERE CONVERTED TO CATHODIC PROTECTION WELLS.

GERAGHTY & MILLER, INC.
Environmental Services
A Heidemij Company

0 200 ft.

GROUNDWATER ELEVATION CONTOURS NOVEMBER 14, 1996

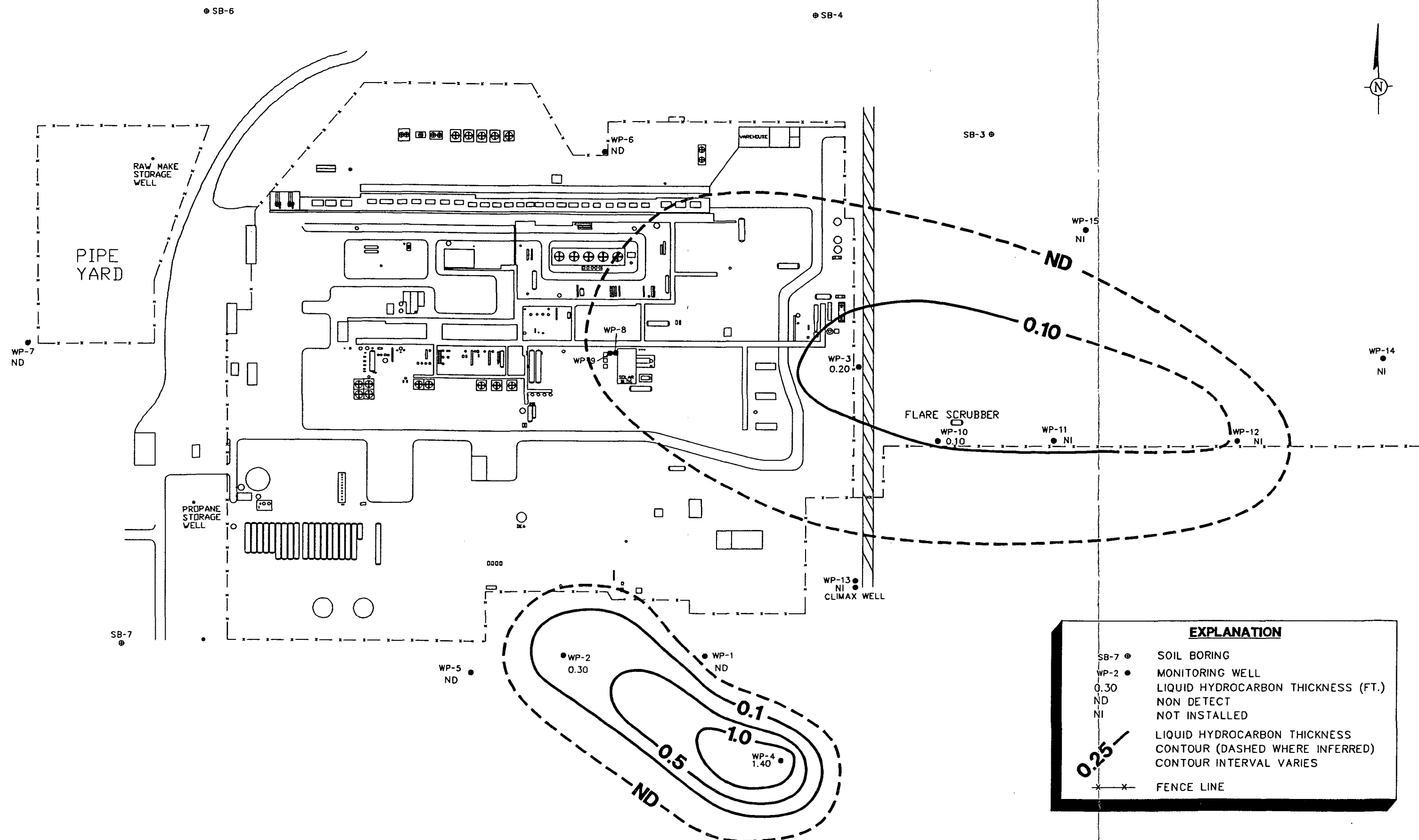
WARREN PETROLEUM
MONUMENT, NEW MEXICO

EXPLANATION	
SB-7	SOIL BORING
WP-2	MONITORING WELL
3546.74	GROUNDWATER ELEVATION (FT. ABOVE MEAN SEA LEVEL)
ND	NO DATA
AD	ANOMALOUS DATA
3545	GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
	CONTOUR INTERVAL = 1.0 FT.
x-x	FENCE LINE

FIGURE

2

DWG DATE: 3JUNE96	PRJCT NO.: OK0532.002	FILE NO.: --	DRAWING: HC1095	CHECKED: D. MINIALLY	APPROVED: JOHN SHONFELT	DRAFTER: JIM HARBESTON
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NOTE:
WELLS WP-8 AND WP-9 WERE CONVERTED TO CATHODIC PROTECTION WELLS.



**GERAGHTY
& MILLER, INC.**
Environmental Services
A Heidemij Company

0 200 ft.

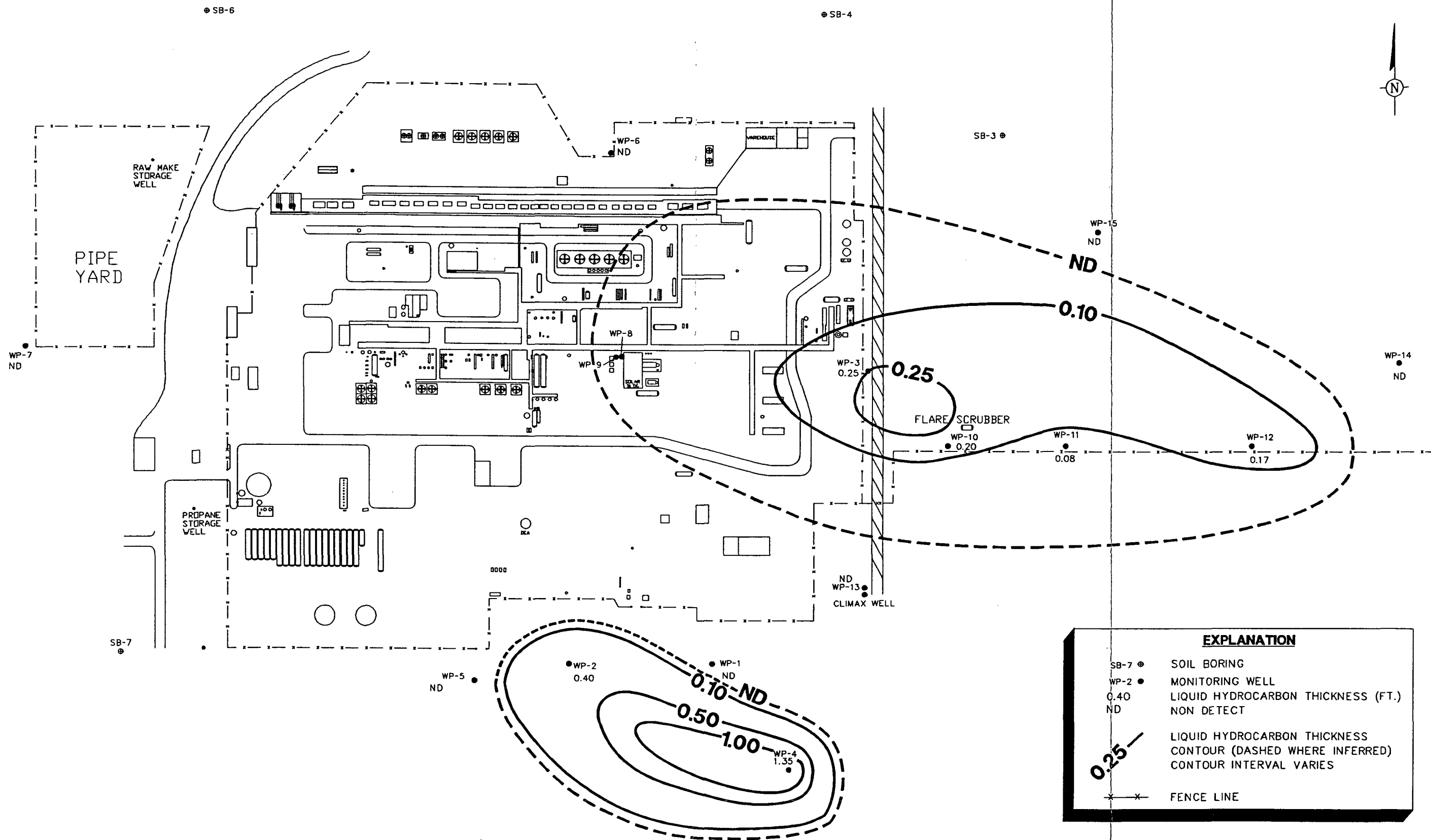
APPROXIMATE EXTENT OF LIQUID HYDROCARBONS OCTOBER 31, 1996

WARREN PETROLEUM
MONUMENT, NEW MEXICO

FIGURE

3

DWG DATE: 5JUNE96 PRJCT NO.: OK0532.002 FILE NO.: - DRAWING: HC1195 CHECKED: D. MINIELLY APPROVED: JOHN SHONFELT DRAFTER: JIM HARBESTON



NOTE:
WELLS WP-8 AND WP-9 WERE CONVERTED TO CATHODIC PROTECTION WELLS.

GERAGHTY & MILLER, INC.
Environmental Services
A Heidemij Company

0 200 ft.

APPROXIMATE EXTENT OF LIQUID HYDROCARBONS
NOVEMBER 14, 1996

WARREN PETROLEUM
MONUMENT, NEW MEXICO

FIGURE

4

Climax Chemical Co.

EVAPORATION P.T.

Allylamine from
Climax Chemical

Oil Well

Aracanda Wells

SALES Line
to Shell PLC

CONDENSATE STORAGE TANKS

WP-03

EXISTING WELL TH 619

Beine

WP-02

WP-01

Refinery Equipment
that has been taken out

Oil Well

Oil Well

STORAGE TANKS

STORAGE TANKS

El Paso Plant

NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505

September 26, 1995

CERTIFIED MAIL

RETURN RECEIPT NO. Z-765-962-418

Mr. J.D. Morris
Health Environment & Loss Prevention
Warren Petroleum Company
P.O. Box 1589
Tulsa, Oklahoma 74119

RE: GROUND WATER INVESTIGATION
WARREN MONUMENT GAS PLANT
LEA COUNTY, NEW MEXICO

Dear Mr. Morris:

The New Mexico Oil Conservation Division (OCD) has completed a review of Warren Petroleum Company's (WPC) August 31, 1995 "GROUND WATER CONTAMINATION, WARREN PETROLEUM MONUMENT GAS PLANT, LEA COUNTY, NEW MEXICO". This document contains WPC's work plan for additional investigations of the extent of ground water contamination related to WPC's Monument Gas Plant.

The above referenced work plan is approved with the following conditions:

1. All monitor wells will be constructed as set out below:
 - a. A minimum of fifteen feet of well screen will be installed, with at least five feet of well screen above the water table and ten feet of well screen below the water table.
 - b. An appropriately sized gravel pack will be set around the well screen from the bottom of the hole to 2-3 feet above the top of the well screen.
 - c. A 2-3 foot bentonite plug will be placed above the gravel pack.
 - d. The remainder of the hole will be grouted to the surface with cement containing 5 % bentonite.
2. WPC will develop each well upon completion using EPA approved procedures.
3. All wastes will be disposed of at an OCD approved facility.

OFFICE OF THE SECRETARY - P. O. BOX 6429 - SANTA FE, NM 87505-6429 - (505) 827-5950
ADMINISTRATIVE SERVICES DIVISION - P. O. BOX 6429 - SANTA FE, NM 87505-6429 - (505) 827-5925
ENERGY CONSERVATION AND MANAGEMENT DIVISION - P. O. BOX 6429 - SANTA FE, NM 87505-6429 - (505) 827-5900
FORESTRY AND RESOURCES CONSERVATION DIVISION - P. O. BOX 1948 - SANTA FE, NM 87504-1948 - (505) 827-5830
MINING AND MINERALS DIVISION - P. O. BOX 6429 - SANTA FE, NM 87505-6429 - (505) 827-5970
OIL CONSERVATION DIVISION - P. O. BOX 6429 - SANTA FE, NM 87505-6429 - (505) 827-7131
PARK AND RECREATION DIVISION - P. O. BOX 1147 - SANTA FE, NM 87504-1147 - (505) 827-7465


Mr. J.D. Morris
September 26, 1995
Page 2

4. Ground water from the monitor wells will be sampled and analyzed for concentrations of benzene, toluene, ethylbenzene, xylene (BTEX), major cations and anions, heavy metals and polynuclear aromatic hydrocarbons using EPA approved methods.
5. WPC will submit a report on the investigation to the OCD by November 3, 1995. The report will contain:
 - a. A description of all activities which occurred during the investigation, conclusions and recommendations.
 - b. A summary of the laboratory analytic results of water quality sampling of the monitor wells.
 - c. A water table elevation map using the water table elevation of the ground water in all monitor wells.
 - d. A geologic log and as built well completion diagram for each well.
6. WPC will notify the OCD at least one week in advance of all scheduled activities such that the OCD has the opportunity to witness the events and/or split samples.
7. All documents submitted for approval will be submitted to the OCD Santa Fe Office with copies provided to the OCD Hobbs District Office.
8. At this time, the OCD reserves comment on placement of additional monitor wells south of the facility.

Please be advised that OCD approval does not relieve WPC of liability if contamination exists which is beyond the scope of the work plan or if the activities fail to adequately determine the extent of contamination related to WPC's activities. In addition, OCD approval does not relieve WPC of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please call me at (505) 827-7154.

Sincerely,



William C. Olson
Hydrogeologist
Environmental Bureau

xc: Jerry Sexton, OCD Hobbs District Supervisor
Wayne Price, OCD Hobbs Office

Z 765 962 418



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OIL CONSERVATION DIVISION
RECEIVED
'95 SEP 5 AM 8 52



Warren

August 31, 1995

Mr. William C. Olson
Hydrogeologist, Environmental Bureau
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

Warren Petroleum Company

P. O. Box 1589
Tulsa, OK 74102
1350 South Boulder
Tulsa, OK 74119

**Health, Environment and
Loss Prevention**

Phone 918 560 4000
Fax 918 560 4111

RE: Ground Water Contamination
Warren Petroleum Monument Gas Plant
Lea County, New Mexico

Dear Mr. Olson,

In your June 20, 1995 letter you requested Warren to submit a plan to your office for additional delineation of groundwater contamination related to Warren's activities at the subject plant.

Based on findings from previous well completions and discussions with your office, Warren is proposing that at least one additional well be completed directly east of well WP-10 to define the eastern boundary. Findings from this well will determine if additional wells are required on the eastern side of the plant. These wells will be located on property that Warren owns which extends approximately 1/2 mile east of the plant. Groundwater samples will be collected from each well and groundwater levels will be measured.

No additional wells are proposed for additional delineation along the southern property line for the following reasons; 1.) the location of well WP-4 is within 20 feet of the southern boundary of our property; 2.) the fact that this well contained an order of magnitude less hydrocarbon than wells WP-2 and WP-10 suggests that the well is located near the perimeter of the impacted area (extrapolation of the this data would place the perimeter of impact at the southern property line); 3.) any wells drilled south of WP-4 could provide erroneous information since any such wells would be a receptor from several potential sources of contamination (oil & gas wells, El Paso's facilities, and an abandoned refinery) which are located on the south side of our property and adjacent to WP-4; and 4.) our monitoring and recovery efforts as previously proposed will allow us to monitor the impacted area and determine effects of the recovery effort.

Warren is also proposing that a well be drilled adjacent to the current "Climax" well. This would allow Warren to recover product and monitor this area without the use of the "Climax" well. Having access to our own well would eliminate the need to obtain permission from Climax or the New Mexico Environmental Department to use the "Climax" well.

A proposal from Geraghty and Miller is attached which further describes the work described above. This work is tentatively planned to begin Oct. 3rd, however we will contact you at least one week in advance of the actual date.

Please advise if this proposal is acceptable or if any further information is necessary. My phone number is 918-560-4114, if you have any questions. Thank you for your assistance in this matter.

Sincerely,

J. D. Morris

cc: A. S. Robinson - Tulsa
F. C. Noah - Monument
K. R. Stinson - Monument
L. T. Reed - Tulsa
File: (NM) VII B. 1.

August 30, 1995

J.D. Morris
Warren Petroleum Company
P.O. Box 1589
Tulsa, Oklahoma 74102

RE: Scope of Services and Cost Estimate for Additional Monitoring Well Installation
Warren Petroleum Company Gas Plant, Monument, New Mexico

Dear Mr. Morris:

Geraghty & Miller, Inc. has prepared this cost estimate based on the scope of work provided by Warren Petroleum Company (Warren) to install two additional monitoring/recovery wells at the Warren Monument Gas Plant in Monument, New Mexico.

SCOPE OF SERVICES

The proposed scope of services includes installing two monitoring/recovery wells to the top of the weathered "red bed" shale unit at an approximate depth of 35 ft below land surface. One monitoring well will be located approximately 150 to 200 ft east of Well WP-10 to better define the eastward extent of liquid hydrocarbons. The actual location of the monitoring well will be determined in the field. The second well will be located adjacent to the existing Climax Well and will be utilized as a hydrocarbon recovery well. Both wells will be installed using air rotary methods. The wells will be logged by screening drill cuttings as they are circulated to the surface. This technique should provide adequate geologic interpretation, while greatly minimizing drilling time and expenses. The wells will be completed using the "open hole" method with 10 to 15 ft of 4-inch diameter Schedule 40, flush-threaded, 0.020 inch mill-slotted PVC screen. The remainder of the well will be constructed of 4-inch Schedule 40 PVC casing.

Each newly installed monitoring well will be developed using an electric submersible pump or a bailer. The wells will be pumped and surged until the purged water is essentially free of fine grained sediment. If the produced water remains silty, development will proceed as directed by a Geraghty & Miller field representative. Development water will be pumped into the oil/water separator system located at the plant.

COST ESTIMATE

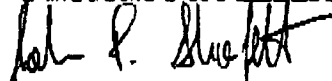
The estimated cost to conduct the above scope of work is \$9,215. Of these costs, \$4,580 are for Geraghty & Miller labor and expenses. The remaining \$4,635 are for subcontracted drilling services (Eades Drilling). Geraghty & Miller proposes to perform the above described scope of services on a time and material basis in accordance with the existing Warren Petroleum Company Contract (Contract No. 9001-0950-90120). The cost estimate does not include any contingencies for factors beyond Geraghty & Miller's control, such as unfavorable weather or delays caused by plant operations, etc. It is also assumed that Warren will be responsible for the disposal of all investigative derived wastes. No changes in the scope of work will be performed without Warren's prior verbal authorization.

Geraghty & Miller is prepared to begin field activities for this project within two weeks of receiving written authorization from Warren. If the contents of this letter are agreed upon by Warren, please have an authorized representative of Warren sign in the space provided below.

Geraghty & Miller looks forward to working with Warren on this important project. Please contact John Shonfelt at (918) 664-9900 if you have any questions regarding the contents of this letter.

Sincerely,

GERAGHTY & MILLER, INC.



John P. Shonfelt, P.G.


Project Scientist/Project Manager



Brian Guillette

Associate/Office Manager

Authorized by:


Warren Petroleum Company

8/31/95

Date



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

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

June 20, 1995

CERTIFIED MAIL

RETURN RECEIPT NO. P-667-242-280

Mr. J.D. Morris
Health Environment & Loss Prevention
Warren Petroleum Company
P.O. Box 1589
Tulsa, Oklahoma 74119

**RE: GROUND WATER CONTAMINATION
WARREN MONUMENT GAS PLANT
LEA COUNTY, NEW MEXICO**

Dear Mr. Morris:

The New Mexico Oil Conservation Division (OCD) has completed a review of Warren Petroleum Company's (WPC) April 26, 1995 correspondence and April 1995 "LIQUID HYDROCARBON ASSESSMENT, WARREN PETROLEUM COMPANY, MONUMENT GAS PLANT, MONUMENT, NEW MEXICO". These documents contain the results of WPC's investigation of the extent of ground water contamination related to WPC's Monument Gas Plant. The documents also contain WPC's recommendations for ground water remedial action at the plant.

The investigation and remedial action recommendations as contained in the above referenced documents are approved with the following conditions:

1. WPC will submit a plan to the OCD by September 1, 1995 for completely defining the southern and eastern extent of ground water contamination related to WPC's activities.
2. WPC will install and operate the proposed recovery system in the Climax well and monitor wells WP-2, WP-3 and WP-10.
3. Ground water from monitor wells WP-1, WP-5, WP-6 and WP-7 will be sampled and analyzed on a quarterly basis for concentrations of benzene, toluene, ethylbenzene, xylene (BTEX) and major cations and anions using EPA approved methods.

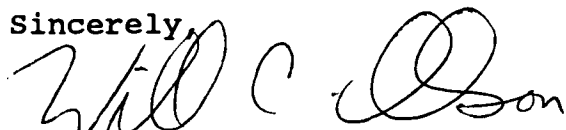
Mr. J.D. Morris
June 20, 1995
Page 2

4. WPC will submit semiannual monitoring reports on the site to the OCD by January 1 and July 1 of each respective year with the first report due on January 1, 1996. The reports will contain:
 - a. A description of all monitoring activities which occurred during the previous semiannual period.
 - b. A summary of the laboratory analytic results of water quality sampling of the monitor wells which occurred during the previous semiannual period. The data will be presented in tabular form showing past and present sampling results.
 - c. Water table elevation maps using the water table elevation of the ground water in all monitor wells as measured on a quarterly basis.
 - d. Product thickness maps using product thickness on the ground water in all monitor wells as measured on a quarterly basis.
 - e. A table listing the total volume of fluids recovered from each recovery well during the report period, the total fluids recovered to date, the total product recovered during the report period and the total product recovered to date.
5. WPC will notify the OCD at least one week in advance of all scheduled activities such that the OCD has the opportunity to witness the events and/or split samples.
6. WPC will submit all original documents to the OCD Santa Fe Office with copies provided to the OCD Hobbs District Office.

Please be advised that OCD approval does not relieve WPC of liability if contamination exists which is beyond the scope of the work plan or if the activities fail to adequately remediate contamination related to WPC's activities. In addition, OCD approval does not relieve WPC of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please call me at (505) 827-7154.

Sincerely,



William C. Olson
Hydrogeologist
Environmental Bureau

xc: Jerry Sexton, OCD Hobbs District Supervisor
Wayne Price, OCD Hobbs Office

P 667 242 280



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PS Form 3800, June 1990

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Bill Olson

From: Bill Olson
To: Jerry Sexton
Cc: Wayne Price
Subject: Warren Monument Plant
Date: Friday, June 16, 1995 11:19AM
Priority: High

Attached is a draft approval letter for Warren's remediation plan at the Monument Plant. Please provide me with any comments by 11:00 am on 6/20/95. Thanks!

< <File Attachment: REMEDY1.APR> >

Bill Olson

From: Jerry Sexton
Date sent: Friday, June 16, 1995 1:10PM
To: Bill Olson
Subject: Registered: Jerry Sexton

Your message

To: Jerry Sexton
Subject: Warren Monument Plant
Date: Friday, June 16, 1995 11:19AM
was accessed on
Date: Friday, June 16, 1995 1:10PM



Warren

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APR 27 1995

**Environmental Bureau
Oil Conservation Division**

April 26, 1995

Mr. William C. Olson
Hydrogeologist, Environmental Bureau
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

Warren Petroleum Company
P. O. Box 1589
Tulsa, OK 74102
1350 South Boulder
Tulsa, OK 74119

**Health, Environment and
Loss Prevention**
Phone 918 560 4000
Fax 918 560 4111

RE: Ground Water Contamination
Warren Petroleum Monument Gas Plant
Lea County, New Mexico

Dear Mr. Olson,

We have completed the plan of action outlined in our letter to you dated October 31, 1994. Results from our investigation are attached in the Geraghty & Miller, Inc. report.

Major report findings include:

1. The impacted shallow ground water in the area of the plant is not a viable water resource. The saturated thickness is very thin (2 boreholes were dry) and well development yielded very low rates. (G&M Report, Section 3)
2. The ground water quality upgradient and surrounding the plant is not suitable for drinking water, livestock, or irrigation uses. (G&M Report, Section 4)
3. The horizontal and vertical extent of the impacted area is defined. (G&M Report, Figure 6)
4. Sources of contamination are not limited to our gas processing plant. Upgradient sources of contamination have been identified. (G&M Report Section 6, and Environmental Department letter dated 3/28/95, attached)

Based on these findings we are proposing that our recovery efforts of the free phase hydrocarbon be continued. Specifically, hydrocarbon recovery would be focused on Wells WP-2 and the adjacent Climax Well and would continue until recovery rates are no longer practical and/or hydrocarbon levels are diminished. Recovery volumes and hydrocarbon/water levels would be reported to your office every six months. Our method of recovering the hydrocarbon would be to continue our current practice of pumping the wells using small bladder pumps. The water and hydrocarbon are separated in a surface tank and the hydrocarbon/condensate is sold. The water is deep well injected with produced water from the plant. Before pumping the Climax well, the appropriate approval from your office and/or the Environmental Department will be obtained.

Please advise if this proposal is acceptable or if any further information is necessary. My phone number is 918-560-4114 if you have any questions. Thank you for your assistance in this matter.

Sincerely,



J. D. Morris

cc: A. S. Robinson - Tulsa
F. C. Noah - Monument
K. R. Stinson - Monument
L. T. Reed - Tulsa
File: (NM) VII B. 1.

RECEIVED



APR 10 1995

Environmental
Protection

GARY E. JOHNSON
GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT
Hazardous & Radioactive Materials Bureau
525 Camino De Los Marquez
P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827-4358
Fax (505) 827-4389

MARK E. WEIDLER
SECRETARY

EDGAR T. THORNTON, III
DEPUTY SECRETARY

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

March 28, 1995

Mr. Ken Stinson
Environmentalist
Warren Petroleum Company
P. O. Box 67
Monument, New Mexico 88265

RE: Contamination of a Ground Water Monitoring Well at Climax
Chemical Company in Monument, New Mexico

Dear Mr. Stinson:

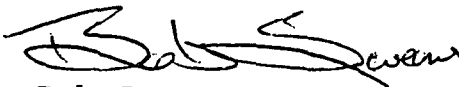
The Hazardous and Radioactive Materials Bureau (HRMB) completed a Comprehensive Ground Water Monitoring Evaluation (CME) of the Climax Chemical Company in January 1995. During the CME several groundwater monitoring wells were sampled. One of the wells, #12-9 (see attached map), contained at least 2 feet of oily product floating on top of the groundwater at a depth of 25 feet below groundlevel. This was reported to the Oil Conservation Division (OCD).

HRMB's file for Climax Chemical Company includes a report of crude oil in this same well in December 1991 (the last sampling event prior to the CME). Climax's cover letter for their report to HRMB indicates the matter was turned over to the Oil Conservation Division. Since Climax Chemical's process did not include the use or disposal of crude oil, the contamination is probably due to some other operation. Pipelines believed to connect oil wells in the Monument Greyburg-San Andres Field to the Warren Petroleum plant are within 50 feet of Well 12-9. Possibly one of the pipelines has been releasing crude oil since before the December 1991 discovery. Besides contaminating soils and groundwater, this leakage would represent a considerable dollar loss to the operator. Does Warren Petroleum have a means of checking the pipelines to determine if they are leaking? Please reply after you've had an opportunity to check into this matter.

Mr. Stinson
March 28, 1995
page 2

If you need additional details please contact me at 827-4308.

Sincerely,

A handwritten signature in dark ink, appearing to read "Bob Sweeney", with a long horizontal stroke extending to the right.

Bob Sweeney
RCRA Technical Compliance Program
Hazardous and Radioactive Materials Bureau

attachment: map

cc (without attachment):
CCC 1995 Red File
RCRA TCP CCC File

FIGURE 1-A

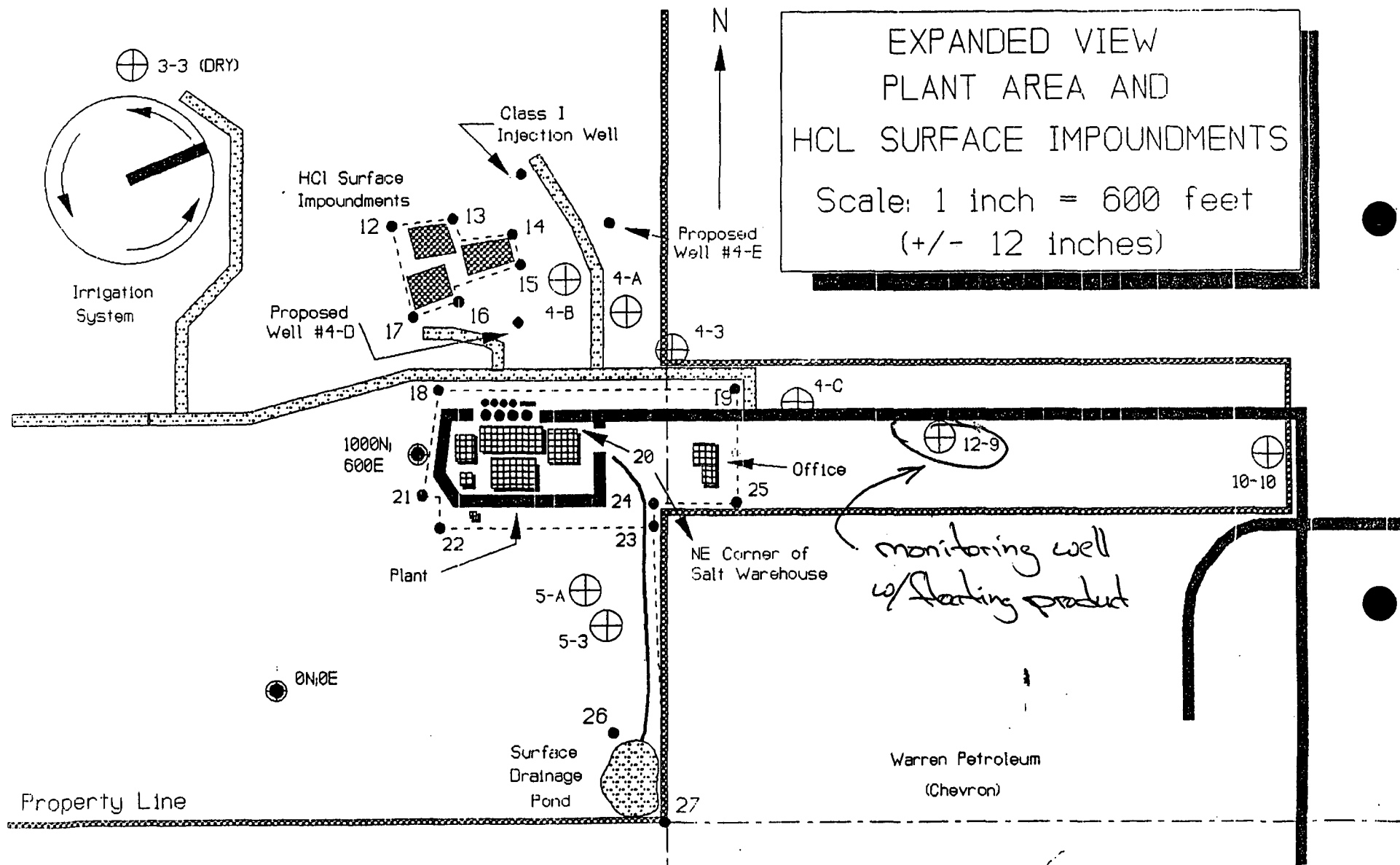


FIGURE 1-A

October 31, 1994

Warren Petroleum Company
P. O. Box 1589
Tulsa, OK 74102
1350 South Boulder
Tulsa, OK 74119

**Health, Environment and
Loss Prevention**
Phone 918 560 4000
Fax 918 560 4111

Mr. William C. Olson
Hydrogeologist, Environmental Bureau
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

**RE: Ground Water Contamination
Warren Petroleum Monument Gas Plant
Lea County, New Mexico**

Dear Mr. Olson,

In regards to the hydrocarbon contamination located at the Southeast corner of the Monument Plant, Warren proposes the following course of action.

1. Previous hydrocarbon recovery efforts are being evaluated to determine if additional recovery efforts are feasible and/or practical. During 1989-91, Warren recovered approximately 600 BBL of condensate from the existing monitoring wells. This effort ended when the amount of condensate in the wells became less than 1/4" inch thick. We are currently evaluating the pumping operation, (pumping rate, pump placement, condensate/water ratio, level changes, etc.) in order to make this determination.
2. Water levels will be measured in the existing wells to determine ground water flow direction. This information will be useful in determining possible sources and in locating future Geoprobe or monitor well sites. A dual phase level probe has been purchased to accurately measure condensate and water levels.
3. A third party consultant will be utilized to delineate the horizontal extent of the hydrocarbon plume. This study will use a Geoprobe and/or a rotary rig for collection of sub-surface samples at the saturated zone. The attached proposal from Geraghty and Miller is an example of the scope of work to be completed. However, neither the contractor nor the collection method has been determined at this time. A final scope of work will be forwarded to your office as soon as possible following our selection of a contractor. All borings (or probes) will be completed on plant property with the exact location of each setting determined in the field. These locations will be forwarded to your office as soon as they are available.

In addition, upgrading groundwater samples will be collected and analyzed for general drinking water parameters to determine the suitability of the groundwater as a drinking water supply.

4. Information obtained from the completion of the above actions will be evaluated and studied to determine what further action, if any, is required in order to protect human health and the environment. These recommended actions will be submitted to your office for your approval by March 1, 1995.

Please let me know if you approve of this course of action. My phone number is 918-560-4114 if you have any questions. Thank you for your assistance in this matter.

Sincerely,

A handwritten signature in dark ink, appearing to read 'J. D. Morris', is written over the typed name.

J. D. Morris

JDM:pt

cc: A. S. Robinson
F. C. Noah
K. R. Stinson
L. T. Reed



State of New Mexico
ENVIRONMENT DEPARTMENT
Harold Runnels Building
1190 St. Francis Drive, P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827-2850

Mark E. Weidler
Secretary

Gary Johnson
Governor

January 25, 1995

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

RECEIVED
JAN 30 1995
OIL CONSERVATION DIV.
SANTA FE

RE: Crude Oil Contamination of a Ground Water Monitoring Well in Monument, New Mexico

Dear Mr. Anderson:

This letter is to inform you of what appears to be crude oil in a ground water monitoring well at the Climax Chemical Company property in Monument.

The Hazardous and Radioactive Materials Bureau (HRMB) completed a Comprehensive Ground Water Monitoring Evaluation (CME) of the Climax Chemical Company on January 10, 1995. Climax ceased operations in September 1992 due to bankruptcy and the property is for all intents and purposes abandoned. Responsibility for corrective action at this facility needs to be determined; however, HRMB does not regulate unrefined petroleum products.

A background review of the facility revealed the presence of crude oil in Well 12-9 when sampling was done in December 1991 (the last sampling event prior to the CME). Climax's cover letter for their report to HRMB indicates the matter was turned over to the Oil Conservation Division (a copy of the letter is attached). What appeared to be crude oil was again seen in this well during the recent CME. Since Climax Chemical's process did not include the use or disposal of crude oil, the contamination is probably due to some other operation. Pipelines connecting oil wells in the Monument Greyburg-San Andres Field to the Warren Petroleum Refinery, located immediately southeast of the Climax property, are within 50 feet of Well 12-9. Possibly one of these has released crude oil to the groundwater. Depth to ground water is only 25 feet.

Mr. Roger Anderson
January 25, 1995
page 2

If you need additional details, or have information on this contamination, please contact Bob Sweeney of my staff at 827-4308.

Sincerely,



Ronald A. Kern
RCRA Technical Compliance Program Manager
Hazardous and Radioactive Materials Bureau

attachment: February 26, 1992 cover letter from Climax Chemical
Company to HRMB

cc (without attachment):

Garrison McCaslin, NMED, District IV
Robert Garrett, NMED Hobbs Field Office
Barbara Hoditschek, RCRA Permitting Program Manager, HRMB
CCC 1995 Red File
RCRA TCP CCC File

John C. Good, Manager
Environmental/Safety Division

PO Box 2548
Hobbs, NM 88240
(505) 393-7143

CLIMAX CHEMICAL COMPANY

Monument, New Mexico

Wednesday, February 26, 1992

Dr. Bruce Swanton
Hazardous and Radioactive Materials Bureau
New Mexico Environment Department
525 Camino De Los Marquez
Santa Fe, NM 87502



REF: 4th Qrt and Annual Assessment Groundwater Reports

Bruce:

Enclosed please find the lab results for our 4th Quarter sampling event, Chain of Custody for this sampling event, and the Enclosure 5 Report (including Annual Summary) for the 4th Quarter.

There are a few things that I need to call your attention to:

1. Notice that Well 5-3, previously contaminated with TCE, has tested negative for any volatiles for four consecutive sampling events.
2. Notice Well 4-3. A new volatile constituent (Tetrachloroethene) has appeared and then dropped below detection limit twice in 1991.
3. Notice Well 1-3 (background). The 4th Quarter results show the presence of Lead at 33 ppb. We'll see if this repeats.
4. Notice that Well 12-9 was not sampled during the 4th Quarter sampling event. When I retrieved the bailer for the first sample, it came up full of crude oil. I have turned this over to OCD. They do not know if it came from Warren Petroleum's condensate plume, or from a pipeline or well casing leak. They are currently investigating. Irregardless, the well is useless as a RCRA monitoring well and will not be included in future sampling events. This problem will also affect the placement of downgradient boundary wells for completion of our Closure Plan and/or Post-Closure Plan.

If you have any questions or comments regarding these results or reports please call me.

John C. Good, Environmental Manager

RECEIVED

NOV 1 1994

OIL CONSERVATION DIV.
SANTA FE



Warren

October 31, 1994

Warren Petroleum Company
P. O. Box 1589
Tulsa, OK 74102
1350 South Boulder
Tulsa, OK 74119

**Health, Environment and
Loss Prevention**
Phone 918 560 4000
Fax 918 560 4111

Mr. William C. Olson
Hydrogeologist, Environmental Bureau
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

**RE: Ground Water Contamination
Warren Petroleum Monument Gas Plant
Lea County, New Mexico**

Dear Mr. Olson,

In regards to the hydrocarbon contamination located at the Southeast corner of the Monument Plant, Warren proposes the following course of action.

1. Previous hydrocarbon recovery efforts are being evaluated to determine if additional recovery efforts are feasible and/or practical. During 1989-91, Warren recovered approximately 600 BBL of condensate from the existing monitoring wells. This effort ended when the amount of condensate in the wells became less than 1/4" inch thick. We are currently evaluating the pumping operation, (pumping rate, pump placement, condensate/water ratio, level changes, etc.) in order to make this determination.
2. Water levels will be measured in the existing wells to determine ground water flow direction. This information will be useful in determining possible sources and in locating future Geoprobe or monitor well sites. A dual phase level probe has been purchased to accurately measure condensate and water levels.
3. A third party consultant will be utilized to delineate the horizontal extent of the hydrocarbon plume. This study will use a Geoprobe and/or a rotary rig for collection of sub-surface samples at the saturated zone. The attached proposal from Geraghty and Miller is an example of the scope of work to be completed. However, neither the contractor nor the collection method has been determined at this time. A final scope of work will be forwarded to your office as soon as possible following our selection of a contractor. All borings (or probes) will be completed on plant property with the exact location of each setting determined in the field. These locations will be forwarded to your office as soon as they are available.

In addition, upgrading groundwater samples will be collected and analyzed for general drinking water parameters to determine the suitability of the groundwater as a drinking water supply.

4. Information obtained from the completion of the above actions will be evaluated and studied to determine what further action, if any, is required in order to protect human health and the environment. These recommended actions will be submitted to your office for your approval by March 1, 1995.

Please let me know if you approve of this course of action. My phone number is 918-560-4114 if you have any questions. Thank you for your assistance in this matter.

Sincerely,



J. D. Morris

JDM:pt

cc: A. S. Robinson
F. C. Noah
K. R. Stinson
L. T. Reed

12/21/94
Verbal approval
Will Dawn

OIL CONSERVATION DIVISION
RECEIVED

'94 SEP 20 AM 8 50

September 15, 1994



Warren

Warren Petroleum Company
P. O. Box 1589
Tulsa, OK 74102
1350 South Boulder
Tulsa, OK 74119

Health, Environment and
Loss Prevention
Phone 918 560 4000
Fax 918 560 4111

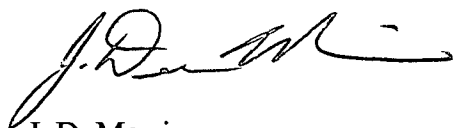
Mr. William C. Olson
Hydrogeologist, Environmental Bureau
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87504

**RE: Ground Water Contamination
Warren Petroleum Monument Gas Plant
Lea County, New Mexico**

Dear Mr. Olson,

We are currently in the process of developing a work plan to determine the source and extent of contamination located at the southwestern boundary of the subject site. This plan will be completed and forwarded to you no later than November 1, 1994. From our discussion, I believe this time frame will be acceptable to you, if not please let me know.

Sincerely,



J. D. Morris
Environmental Engineer

cc: K. R. Stinson
L. T. Reed
F. C. Noah



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

July 6, 1994

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

CERTIFIED MAIL

RETURN RECEIPT NO. P-111-334-138

Mr. Ken Stinson
Warren Petroleum Company
P.O. Box 67
Monument, New Mexico 88265

**RE: GROUND WATER CONTAMINATION
WARREN MONUMENT GAS PLANT
LEA COUNTY, NEW MEXICO**

Dear Mr. Stinson:

The New Mexico Oil Conservation Division (OCD) has recently reviewed the status of the ground water investigation and remedial activities at the Warren Petroleum Company's (WPC) Monument Gas Plant. While the remedial actions taken by WPC to date are satisfactory, the extent of contamination related to WPC's activities at the facility has never been completely defined. The OCD discussed this issue during a meeting with you on June 30, 1994

Based upon the OCD's review, the OCD requests that WPC submit a work plan to complete the definition of the extent ground water contamination related to WPC's activities at the Monument Gas Plant. Please submit the work plan to the OCD Santa Fe Office by September 9, 1994.

If you have any questions, please contact me at (505) 827-5885.

Sincerely,

William C. Olson
Hydrogeologist
Environmental Bureau

xc: Jerry Sexton, OCD Hobbs District Supervisor
Wayne Price, OCD Hobbs Office

P 111 334 138



**Receipt for
Certified Mail**

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

PS Form 3800, June 1991

Sent to	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
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Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

Fold at line over top of envelope to the
right of the return address

Monument Condensate Recovery

Combined totals from all monitoring wells

Date	Gallons per Period	Gallons per Day	Barrels per Day	Days per Period	Cumulative	
					Gallons	Barrels
09/21/89	410				410	10
09/24/89	420	140	3.3	3	830	20
09/27/89	200	67	1.6	3	1030	25
09/28/89	170	170	4.0	1	1200	29
10/02/89	350	88	2.1	4	1550	37
10/05/89	50	17	0.4	3	1600	38
10/06/89	500	500	11.9	1	2100	50
10/09/89	470	157	3.7	3	2570	61
10/11/89	485	243	5.8	2	3055	73
10/12/89	205	205	4.9	1	3260	78
10/14/89	300	150	3.6	2	3560	85
10/18/89	200	50	1.2	4	3760	90
10/20/89	300	150	3.6	2	4060	97
10/22/89	320	160	3.8	2	4380	104
10/24/89	250	125	3.0	2	4630	110
10/27/89	250	83	2.0	3	4880	116
10/30/89	400	133	3.2	3	5280	126
11/05/89	200	33	0.8	6	5480	130
11/08/89	100	33	0.8	3	5580	133
11/09/89	110	110	2.6	1	5690	135
11/10/89	85	85	2.0	1	5775	138
11/12/89	240	120	2.9	2	6015	143
11/13/89	130	130	3.1	1	6145	146
11/21/89	270	34	0.8	8	6415	153
11/24/89	300	100	2.4	3	6715	160
11/26/89	280	140	3.3	2	6995	167
11/27/89	180	180	4.3	1	7175	171
11/29/89	290	145	3.5	2	7465	178
12/02/89	230	77	1.8	3	7695	183
12/09/89	250	36	0.9	7	7945	189
12/25/89	300	19	0.4	16	8245	196
12/29/89	350	88	2.1	4	8595	205
12/30/89	140	140	3.3	1	8735	208
01/03/90	410	103	2.4	4	9145	218
01/07/90	200	50	1.2	4	9345	223
01/11/90	500	125	3.0	4	9845	234
01/14/90	200	67	1.6	3	10045	239
01/17/90	240	80	1.9	3	10285	245
01/22/90	210	42	1.0	5	10495	250
02/12/90	390	19	0.4	21	10885	259
02/16/90	550	138	3.3	4	11435	272
03/01/90	160	12	0.3	13	11595	276
03/17/90	420	26	0.6	16	12015	286
03/21/90	230	58	1.4	4	12245	292
03/30/90	300	33	0.8	9	12545	299

Monument Condensate Recovery

Combined totals from all monitoring wells

Date	Gallons per Period	Gallons per Day	Barrels per Day	Days per Period	Cumulative	
					Gallons	Barrels
04/11/90	260	22	0.5	12	12805	305
04/14/90	430	143	3.4	3	13235	315
04/16/90	250	125	3.0	2	13485	321
04/18/90	300	150	3.6	2	13785	328
04/20/90	200	100	2.4	2	13985	333
04/22/90	180	90	2.1	2	14165	337
04/29/90	160	23	0.5	7	14325	341
05/03/90	180	45	1.1	4	14505	345
05/11/90	300	38	0.9	8	14805	353
05/15/90	350	88	2.1	4	15155	361
05/18/90	230	77	1.8	3	15385	366
05/22/90	290	73	1.7	4	15675	373
05/26/90	180	45	1.1	4	15855	378
06/01/90	320	53	1.3	6	16175	385
06/07/90	210	35	0.8	6	16385	390
06/08/90	120	120	2.9	1	16505	393
06/09/90	20	20	0.5	1	16525	393
06/13/90	150	38	0.9	4	16675	397
07/03/90	250	13	0.3	20	16925	403
07/12/90	270	30	0.7	9	17195	409
07/20/90	165	21	0.5	8	17360	413
08/02/90	30	2	0.1	13	17390	414
08/08/90	180	30	0.7	6	17570	418
08/16/90	320	40	1.0	8	17890	426
08/19/90	175	58	1.4	3	18065	430
08/21/90	130	65	1.5	2	18195	433
08/22/90	160	160	3.8	1	18355	437
08/24/90	100	50	1.2	2	18455	439
08/27/90	240	80	1.9	3	18695	445
08/30/90	205	68	1.6	3	18900	450
09/04/90	330	66	1.6	5	19230	458
09/06/90	195	98	2.3	2	19425	463
09/08/90	150	75	1.8	2	19575	466
09/12/90	300	75	1.8	4	19875	473
09/16/90	215	54	1.3	4	20090	478
09/21/90	240	48	1.1	5	20330	484
09/26/90	340	68	1.6	5	20670	492
10/01/90	300	60	1.4	5	20970	499
10/04/90	170	57	1.3	3	21140	503
10/07/90	180	60	1.4	3	21320	508
10/11/90	240	60	1.4	4	21560	513
10/14/90	170	57	1.3	3	21730	517
10/30/90	450	28	0.7	16	22180	528
11/09/90	190	19	0.5	10	22370	533
11/21/90	270	23	0.5	12	22640	539

Monument Condensate Recovery

Combined totals from all monitoring wells

Date	Gallons per Period	Gallons per Day	Barrels per Day	Days per Period	Cumulative	
					Gallons	Barrels
11/27/90	150	25	0.6	6	22790	543
12/04/90	220	31	0.7	7	23010	548
12/14/90	290	29	0.7	10	23300	555
01/03/91	75	4	0.1	20	23375	557
01/06/91	30	10	0.2	3	23405	557
01/23/91	240	14	0.3	17	23645	563
01/27/91	130	33	0.8	4	23775	566
02/09/91	110	8	0.2	13	23885	569
03/03/91	90	4	0.1	22	23975	571
04/11/91	230	6	0.1	39	24205	576
07/11/91	160	2	0.0	91	24365	580
08/16/91	240	7	0.2	36	24605	586
08/29/91	205	16	0.4	13	24810	591
09/08/91	205	21	0.5	10	25015	596
09/14/91	225	38	0.9	6	25240	601
09/24/91	130	13	0.3	10	25370	604
10/03/91	160	18	0.4	9	25530	608
10/07/91	90	23	0.5	4	25620	610
10/09/91	130	65	1.5	2	25750	613

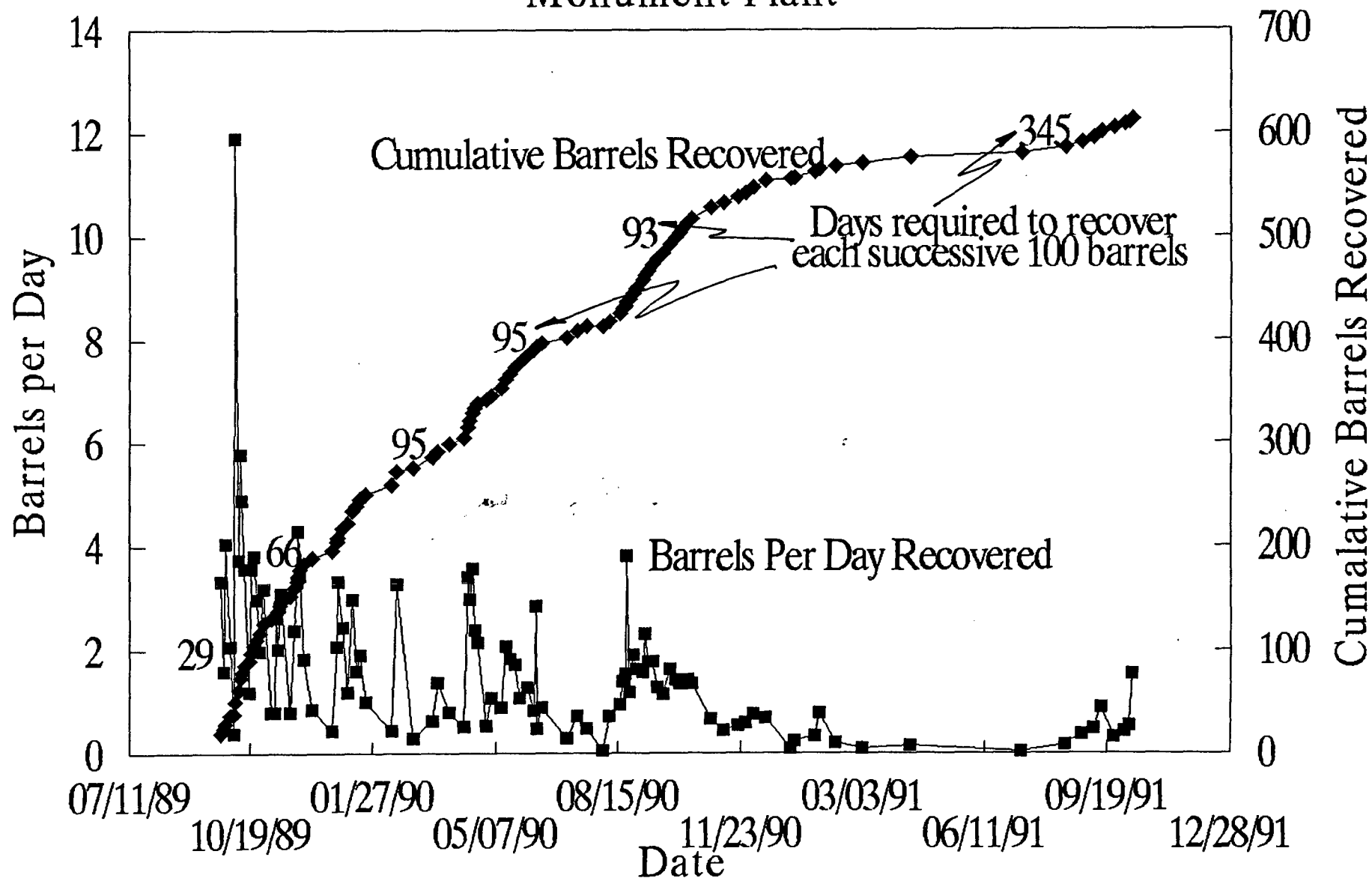
Monument Monitoring Wells Condensate Levels, inches

Date	WP-1	WP-2	WP-3	CL 5-9
03/30/89				8.00
09/05/89	0.25	0.00	6.00	
12/15/89	1.75	0.00		1.50
03/16/90	7.00	0.00		1.75
08/06/90	0.50	0.00	0.75	0.75
10/02/91	0.00	0.00	0.25	0.25
10/16/92	0.01	0.00	0.50	0.01

9/22/93
OCD/Chavron meeting
on Warren Monument Gas Plant

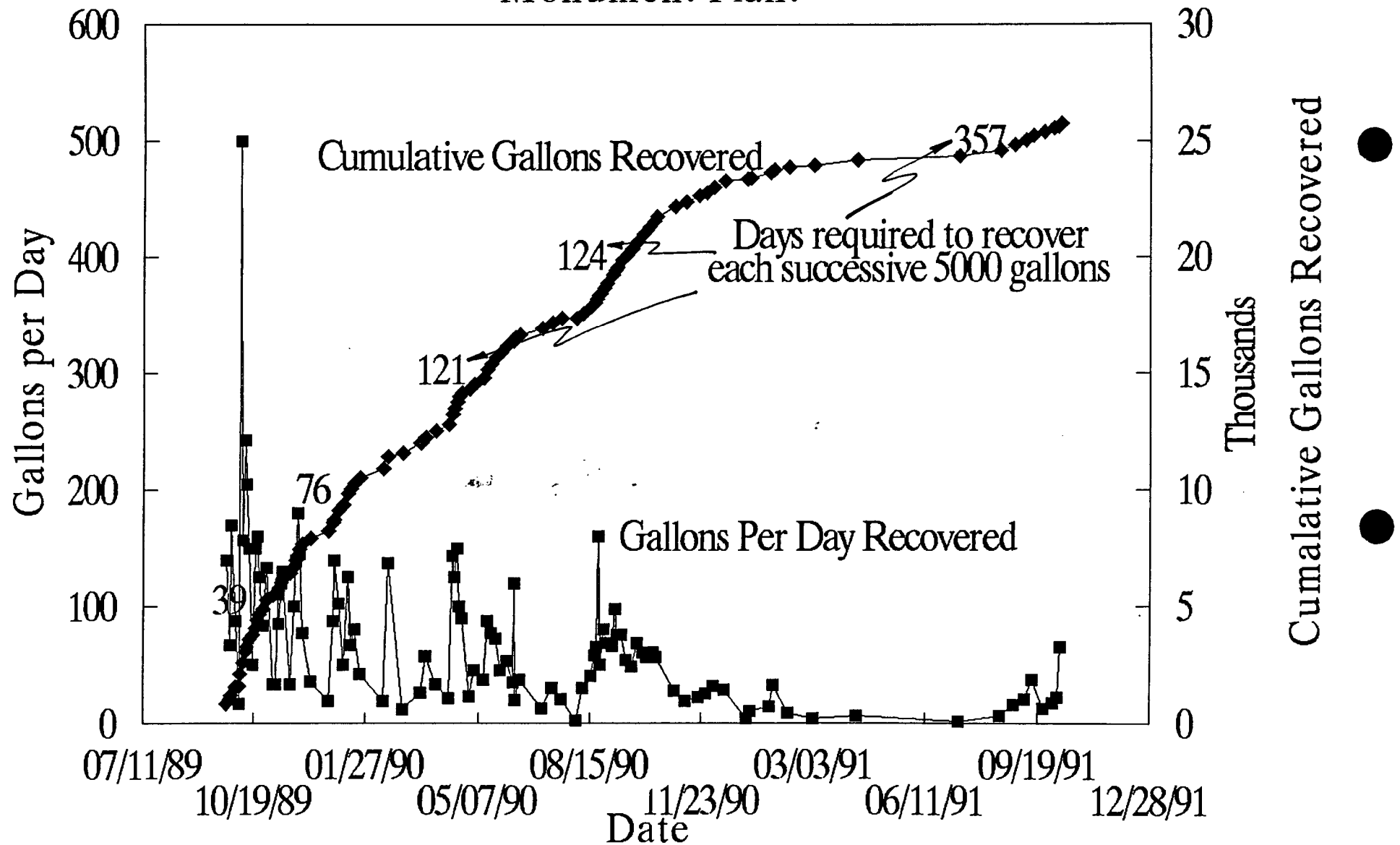
Condensate Recovery

Monument Plant



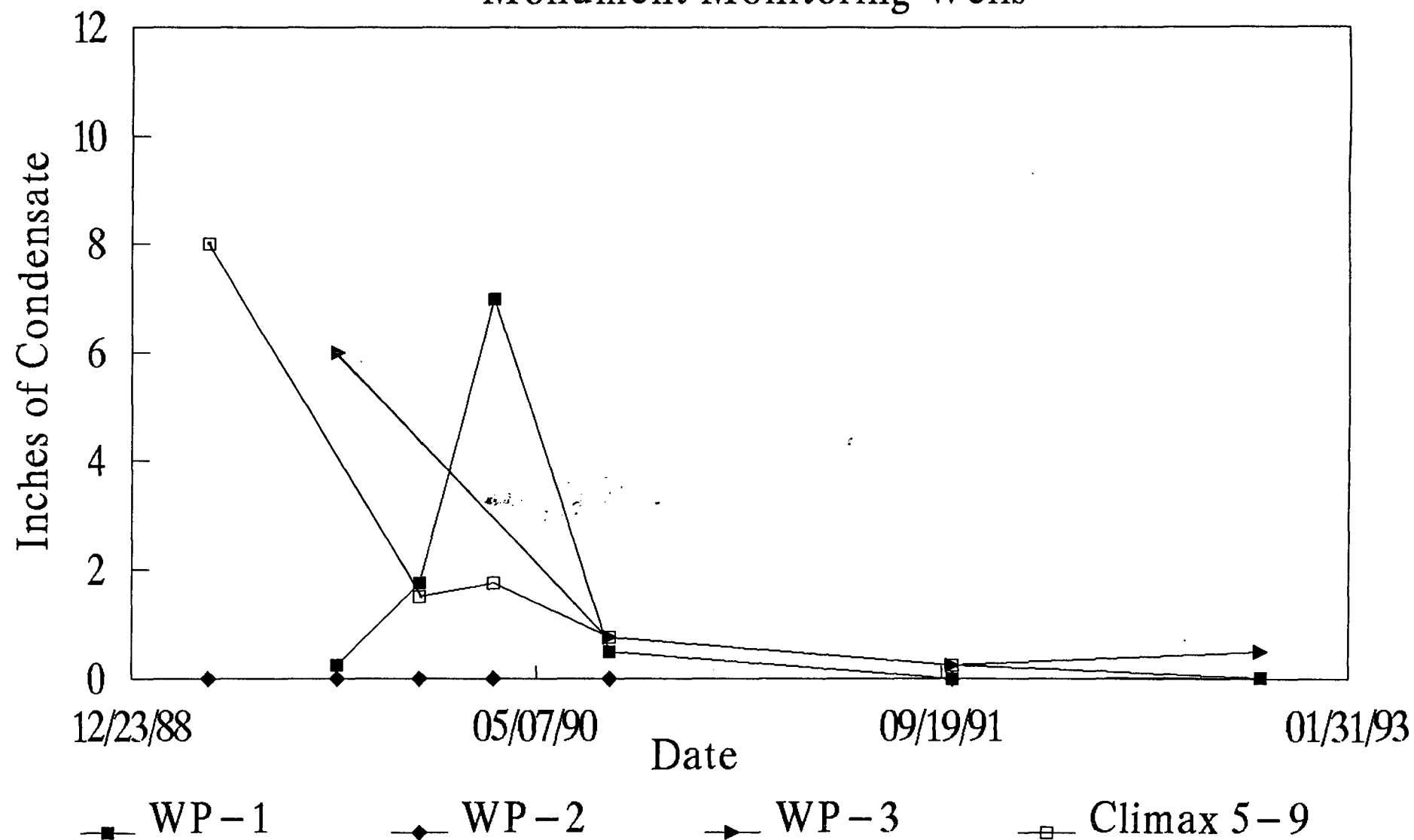
Condensate Recovery

Monument Plant



Condensate Levels

Monument Monitoring Wells



Measurements were not recorded for all wells at each date.

265 Schuly

STW 2500

LTRud

AC Smith

9/22/93

Chevron/OCD meeting
on Warren Monument

August 16, 1991

Jimmie T. Cooper
Box 55
Monument, NM 88265Rec'd this copy from
local landowner today.G. Crumley
8-21-91

Dear Sir:

This letter is to inform you of Climax Chemical Company's petition to the New Mexico Environment Department's Hazardous and Radioactive Materials Bureau (HRMB) requesting Alternate Concentration Limits for hazardous constituents present in the groundwater below the Climax Chemical facility west of Monument, New Mexico. Groundwater samples taken from the upper-most aquifer below Climax Chemical Company's Monument, New Mexico plant contain Cadmium, Silver, 1,1,1, Trichloroethylene and Ethylene Dichloride in concentrations above the safe drinking water standards. Climax Chemical has provided evidence that Alternate Concentration Limits should be granted because the contamination does not pose a threat to human health or the environment. The requested limits are above the safe drinking water standard and could pose a danger to human health should individuals drink, eat or inhale significant amounts of contaminated water or soils. The health of individuals who do not intend to use the groundwater or come in contact with it would not be threatened.

Climax Chemical Company's Monument, New Mexico plant is located three miles west of Monument, New Mexico in Lea County. The plant is a producer of hydrochloric acid and sodium sulfate. Immediately adjacent to and downgradient of Climax Chemical is the Warren Petroleum Company (Chevron) refinery. The upper-most aquifer beneath the refinery has been significantly impacted by hydrocarbon contamination. Due to past oil-field brine contamination of this same aquifer the Oil Conservation Division (OCD) of the New Mexico Energy Minerals and Natural Resources Department is only requiring the refinery to recover hydrocarbon product floating on top of the groundwater within the aquifer.

Climax Chemical Company's argument for granting the Alternate Concentration Limits is: "the water downgradient from Climax Chemical has been contaminated beyond usability by the petroleum industry through brine disposal and hydrocarbon leakage. The addition of Heavy Metal and Volatile Organic contamination above the safe drinking water standard as the Climax plume moves through this area will not adversely affect the usability of the aquifer, since it is already unusable without the effect of Climax's constituents."

At this time the HRMB has no evidence that landowners are using groundwater from the contaminated aquifer. Should you now be using or anticipate using groundwater from the upper-most aquifer beneath your property and have questions or comments concerning the petition for granting of Climax Chemical Company's petition request for Alternate Concentration Limits please contact Steve Alexander

at 827-2929 or write: New Mexico Environment Department, Hazardous and Radioactive Materials Bureau, 1190 Saint Francis Drive, P.O. Box 26110, Santa Fe, New Mexico, 87502, Attention: Steve Alexander. Please respond within thirty (30) days following receipt of this notification.

Sincerely,

Steven M. Alexander, Water Resources Specialist
Hazardous and Radioactive Materials Bureau
New Mexico Environment Department



Warren Petroleum Company

A Division of Chevron U.S.A. Inc.
P.O. Box 1589, Tulsa, OK 74102

Manufacturing Department

OIL CONSERVATION DIVISION
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'91 MAY 6 AM 8 47

May 2, 1991

MONUMENT GAS PROCESSING PLANT
LEA COUNTY, NEW MEXICO
DISCHARGE PLAN GW-25

William J. LeMay, Director
State of New Mexico
Oil Conservation Division
Energy and Minerals Department
P. O. Box 2088
Santa Fe, NM 87501

Attn: Roger C. Anderson
Environmental Engineer

Dear Mr. Anderson:

Warren is in the process of making two currently inactive hydrocarbon storage wells ready for use. Towards this goal, we are requesting your approval to use our evaporation pit for brine storage. Our active brine pond only holds two million gallons of brine; an additional three million gallons will be stored in the evaporation pond.

Attached is an amended portion of the Monument Plant Discharge Plan showing our proposed use of the pit for brine. Please note that the evaporation pit will also be used in the event of any emergency that would result in the temporary shutdown of the Rice Injection Well. Our inspection shows the polyethylene liner to be in good condition.

We would like to begin using the evaporation pit for brine storage on July 1, 1991, and would appreciate your approval by then. Meanwhile, if you have any questions, or need further information, please contact Linda Johnson, or me, at (918) 560-4138.

Very truly yours,

L. T. Reed, Senior Engineer
Environmental Affairs

LTR/LLJ:fy
xc: B. G. Schulz
C. L. Coarsey - Monument Plant
File:VII.B.3.d.(C) and Discharge Plan

1639/LLJ/05021/L/MDN DISG GW25

SECTION VIII
EVAPORATION PIT

SECTION VIII
EVAPORATION PIT

CURRENT USE

The evaporation pit is currently used in the event of an emergency that would cause a shutdown of the Rice Engineering injection well.

LINER

The lining materials used for the evaporation pit are 36 mil chlorinated polyethylene (CPE) laminate and 30 mil CPE.

PROPOSED USE

The proposed use is for brine storage in conjunction with the reactivation of two hydrocarbon storage wells. The pit would also be used in its current capacity for emergency storage. In the event that an emergency should exist, the contents of the evaporation pit would be hauled to another approved disposal well.



Warren Petroleum Company

A Division of Chevron U.S.A. Inc.
P.O. Box 67, Monument, NM 88265

Manufacturing Department

July 14, 1988

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
Post Office Box 1980
Hobbs, New Mexico 88240

Attention: Mr. Eddie W. Seay

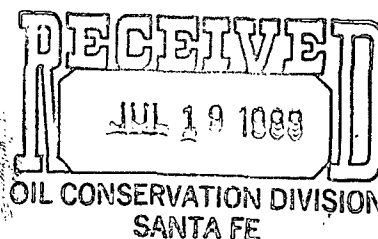
Dear Mr. Seay,

Attached for your approval are the revised plans and specifications for the replacement of the top liner of a brine pond at the Warren Petroleum Company, Monument Plant. The existing top liner is made of 75 mil fiberglass and has developed cracks and sustained wind damage. Specifications for a new polyethylene liner and a sample are enclosed. The approval of the State of New Mexico Oil Conservation Division is requested for the enclosed scope of work and the use of the polyethylene material.

If you have any questions, comments, or recommendations please contact me.

K. A. Peterson
Plant Manager

KAP/DKC/sm
attachment
cc: L. T. Reed - Tulsa



"SCOPE OF WORK"

1. LOCATION

- A. The Brine Pit is not near any water course, lake-beds, sink holes, or other depressions, thus the existing pit will be upgraded.

2. DESIGN AND CONSTRUCTION

- A. The existing pit is 255' X 255' X 8'. The levees are 4' 6" above ground level. The pit will be drained by pumping all the brine water to Rice Engineering Company, rinsed with fresh water and again drained by pumping the water to Rice Engineering Company. The liner will then be removed and disposed of in an acceptable manner.
- B. The pond is excavated to 9'6" below ground level as depicted in the drawings. The levees will be compacted with material to make the surface smooth and uniform. The existing slopes (1:3 inside and outside) of the levees will be retained.
- C. The pit will be double lined and in the following sequence, 36 mil PVC liner (existing), leakage detection system (existing), 4" sand pad (existing), and 100 mil polyethylene liner. The new liner will be anchored in a suitable anchor ditch as described by New Mexico OCD design guidelines. A Mirafi 140N soil support was used to prevent sand from filtering into the leak system ditches.
- D. The existing liquid fill and drain line will be cut and blinded. Sufficient material will be packed around blind to prevent cracking of new liner. A new 3" rigid PVC line will be installed which will run over the top of liner and drain.

3. LEAKAGE DETECTION SYSTEM

- A. The leakage detection system was installed in 1982. The OCD inspected and approved this detection system during construction. The leakage detection system consists of 4" SCH 40 PVC pipe located in a gravel filled ditch sloping 1':100' (minimum) connected to 6" SCH 40 PVC pipe located in the center of the pit.

- B. The 4" SCH 40 PVC pipe is perforated with 5/8" O.D. holes 5" on center at a 120° angle. The pipe is set in the bottom of the ditch so that the holes are facing downward. The ditch was backfilled with 1/2" - 1" washed gravel.
- C. The 6" SCH 40 PVC pipe is not perforated. The ditch for the 6" SCH 40 PVC pipe was backfilled with the excavated material. Both the 4" and 6" SCH 40 PVC pipe are joined with solvent welded couplings.
- D. The 6" SCH 40 PVC pipe is connected to a steel sump located outside of the pit. The sump consists of 36" O.D. ERW pipe (.250"W) with a 1/4" steel cap welded on the bottom. A 6" steel nipple was welded to the side for connection to the 6" SCH 40 PVC pipe. A 6" changeover coupling was used to join the PVC and steel pipe. The watertight cover is constructed of 1/4" steel plate. The entire outside surface of the sump was coated with pipe dope to prevent corrosion.
- E. A 4" sand pad was spread over the bottom of the pit. A Mirafi 140N soil support was placed between the gravel and sand to prevent sand from filtering into the ditches. The support extends a minimum of 2' from the edge of the ditch.

4. POND LINERS

- A. An EPA approved 36 mil minimum thickness PVC liner was installed for the bottom liner. This liner is not oil or sun resistant but is not exposed to either medium.
- B. An EPA approved 100 mil thickness polyethylene top liner will replace the existing fiberglass liner. This liner is sun and oil resistant.
- C. The joints of the polyethylene liner will be sealed according to the attached drawings.
- D. The liner will be laid as evenly and wrinkle-free as possible and shall rest smoothly on the inner face of the levees.
- E. The new liner will be anchored into the anchor ditch. The anchor ditch will be 2' from inside edge of the pit and will be 18" X 9" wide. The liner will extend to the bottom of the anchor ditch and 6" beyond. The ditch will be back-filled with excavated material.

PHYSICAL PROPERTIES OF SLT SHEET
TYPE "HDPE FORTIFLEX"

<u>PROPERTY</u>	<u>TEST METHOD</u>	<u>VALUE</u>	<u>UNIT</u>
Density ¹ (Natural)	ASTM D-792	0.938±0.002	gm/cm ³
Melt Index ¹	ASTM D-1238 "E"	0.25±0.05	gm/10 min
Mositure Content ¹	Moisture Balance	≤0.1	%
Oxidative Induction Time ^{1/2}	ASTM D-3895 @200°C	100	Minutes
Thickness ²	ASTM-D-1593	±10	%
Environmental Stress	ASTM-D1693 "C"	>5000	hours
Crack Resistance ²	ASTM D-1693 "B"	>2000	hours
Dimensional Stability ²	ASTM D-1204 120°C @ 1 Hr.	±2.0	%
Tensile Properties ²			
(1) Yield Strength	ASTM D-638 Type IV	2800	lb/in ²
(2) Break Strength	ASTM D-638 Type IV	4000	lb/in ²
(3) Yield Elongation	ASTM D-638 Type IV	15	%
(4) Break Elongation	ASTM D-638 Type IV	750	%

1 - Resin Property Requiring Routine Testing

2 - Liner Property Requiring Routine Testing

All Testing Frequencies per SLT Quality Assurance Manual



PHYSICAL PROPERTIES OF SLT SHEET
TYPE "HDPE FORTIFLEX"

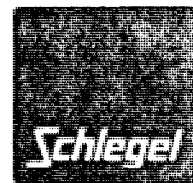
<u>PROPERTY</u>	<u>TEST METHOD</u>	<u>VALUE</u>	<u>UNIT</u>
Elasticity			hours
Flexural Modulus	ASTM D-790	115,000	lb/in ²
Tensile Modulus ²	ASTM D-638	100,000	lb/in ²
Resistance to Soil	ASTM D-3083 ASTM D-638 Type IV		
(1) Tensile Strength at Break		±10	% change
(2) Elongation at Break		±10	% change
Volatile Loss	ASTM D-1203 "A"	<0.1	%
Water Absorbtion	ASTM D-570	0.0079	%
Water Vapor Transmission	ASTM E-96 "B"	0.0009	9m/m ² 24 hrs.
Puncture Resistance ²	FTMS 101-C Method 2065	108 (for 1.5mm) 128 (for 2.0mm) 166 (for 2.5mm)	lbs
Tear Resistance ²	ASTM D-1004	50 (for 1.5mm) 70 (for 2.0mm) 85 (for 2.5mm)	lb _f

1 - Resin Property Requiring Routine Testing

2 - Liner Property Requiring Routine Testing

All Testing Frequencies per SLT Quality Assurance Manual

SCHLEGEL LINING TECHNOLOGY, INC.



PHYSICAL PROPERTIES OF SLT SHEET
TYPE "HDPE FORTIFLEX"

<u>PROPERTY</u>	<u>TEST METHOD</u>	<u>VALUE</u>	<u>UNIT</u>
Abrasion Resistance (Tabor Wear Index)	ASTM D-3389	0.406 (for 1.5mm) 0.377 (for 2.0mm) 0.272 (for 2.5mm)	gms
Tensile Impact ²	ASTM D-1822	400	mJ/mm ²
Low Temp Brittleness	ASTM D-746-"B"	<-103	°F
Surface hardness	ASTM-D-2240	65	Shore D
Coefficient of Liner Thermal Expansion	ASTM D-696	1.2×10^{-4}	.C ⁻¹
Carbon Black Content ²	ASTM D-1603	2.0-3.0	%
Carbon Black Dispersion ²	ASTM D-3015	A	Rating
Fungus Resistance	ASTM G-21-80	0	Growth
Bacterial Resistance	ASTM G-22-76	0	Growth
Ozone Resistance	ASTM D-1149 (7 days, 100pphm, 104°F)	No Cracks	7x

- 1 - Resin Property Requiring Routine Testing
- 2 - Liner Property Requiring Routine Testing

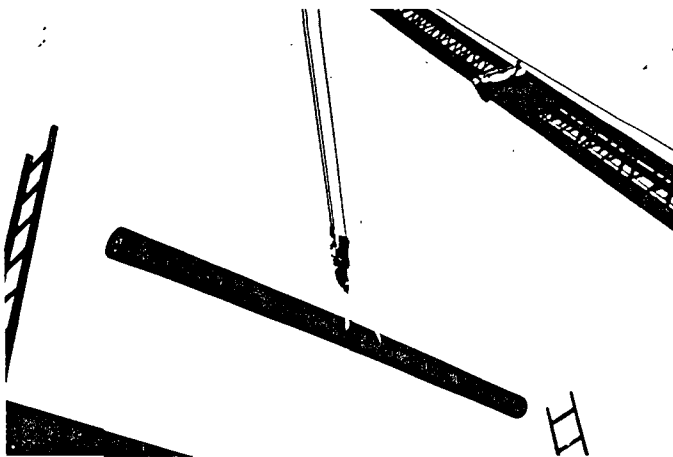
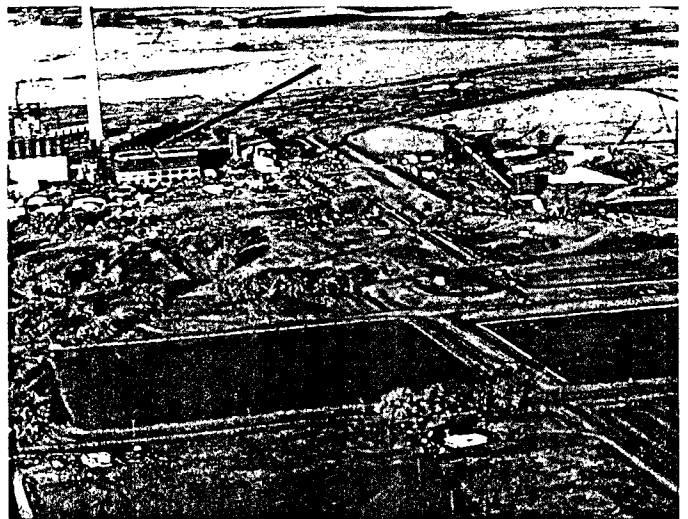
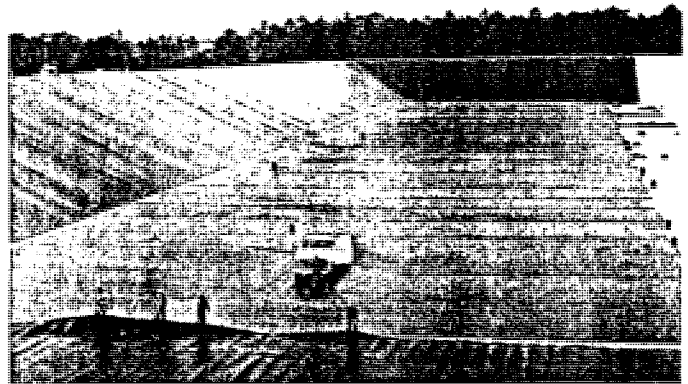
All Testing Frequencies per SLT Quality Assurance Manual

SCHLEGEL® Lining System



The Concept: A lining system designed specifically for large scale lining under severe loadings, produced in a completely homogeneous form, including its site joining process. The lining must have an inherent balance of physical and chemical properties that make it capable of accepting the rigors of a construction site and operational loadings in varying climatic conditions.

The Basic Element: Schlegel® sheet is based on high density polyethylene that is manufactured by a patented process into rolls 33 feet wide by up to 700 feet long. There is no need for prefabrication. These large rolls—each one up to 23,100 square feet in surface area—require a minimal amount of on-site joining and therefore allow quick and efficient installation.





SCHLEGEL Lining System

The grades of high density polyethylene chosen for production of **Schlegel**® sheet ensure the optimum combination of properties for the application.

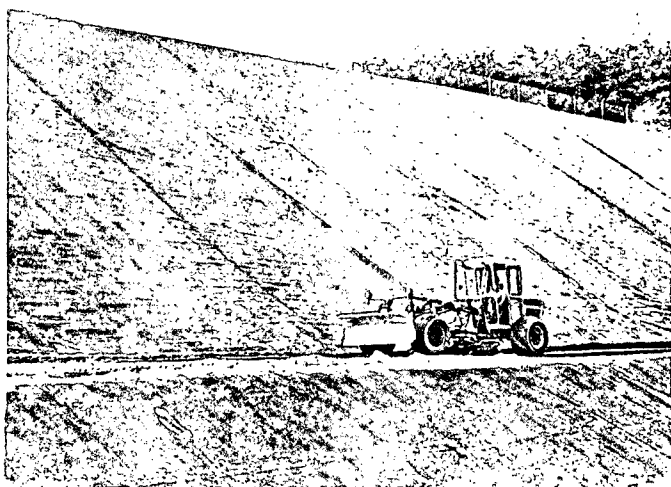
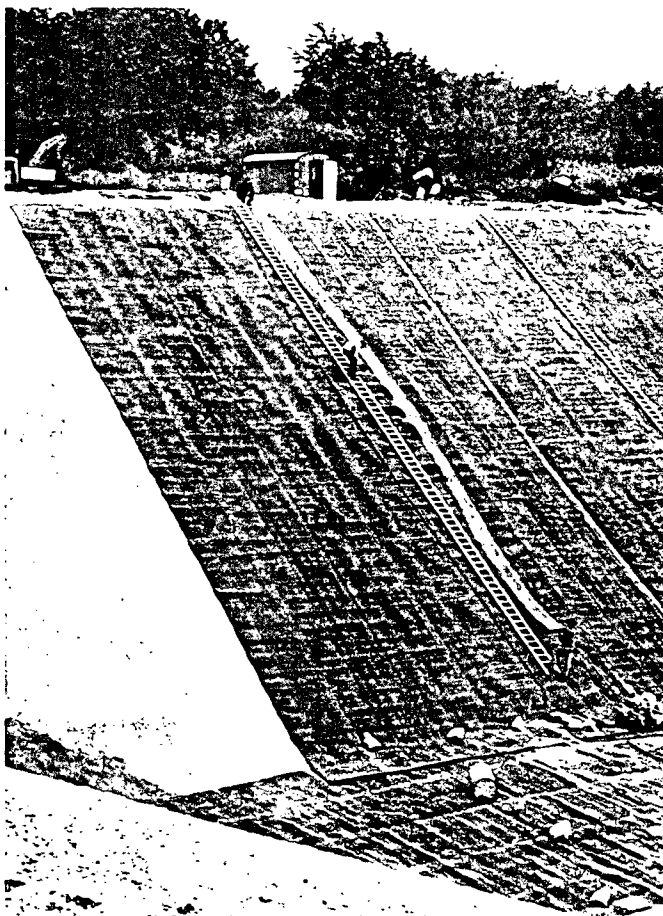
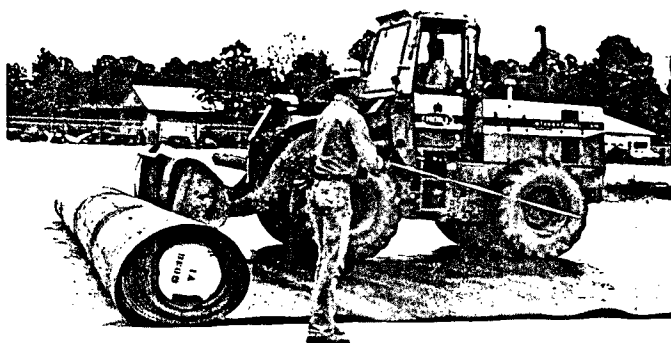
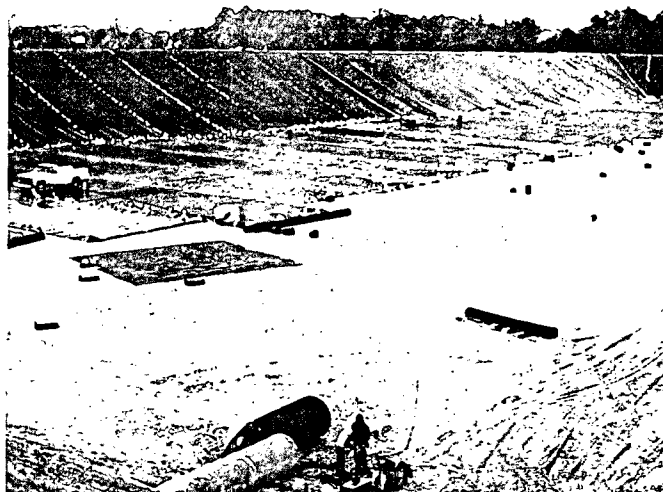
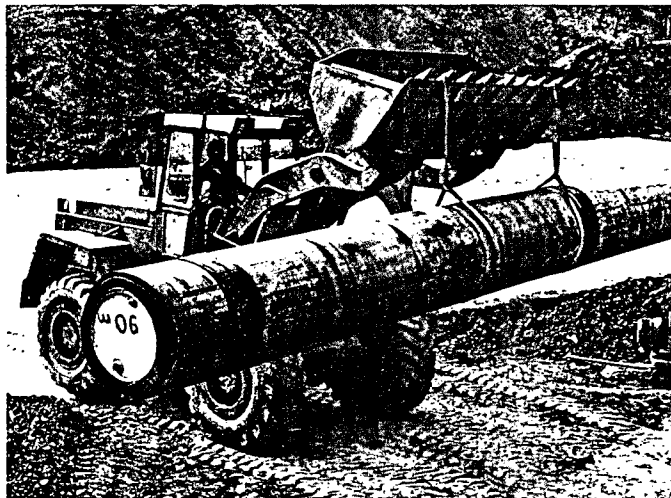
1. Site conditions dictate excellent mechanical properties.
2. Operational conditions dictate exceptional chemical and physical properties.

Because HDPE has no fillers or plasticizers, only carbon black for UV stability, the sheet is not subject to the migration that accelerates ageing.

Schlegel sheet is produced in thicknesses ranging from 0.080" (80 mils) to 0.14" (140 mils); the most common is 0.100" (100 mils). Thickness is essential to withstand the physical hazards encountered in transporting to and working on the construction site. The majority of applications are carried out with 0.100" (100 mils) lining because it can resist abrasion and puncture during placement of covering media, and rubber tired vehicles can be driven directly on the sheet. A heavy duty liner is essential when controlling hazardous substances.

On-site joining is accomplished by our patented extrusion-welding process that forms a homogeneous weld area that has the properties of the parent sheet. Years after installation, new **Schlegel** sheet can be site-joined by extrusion-welding to the sheet originally installed, with no loss of sealing efficiency.

No system can be considered secure unless it can be tested. **Schlegel**® lining systems are subject to a comprehensive testing program during and after installation. Because the joints are homogeneous, the test program can include non-destructive ultrasonic testing. This system detects any voids or foreign inclusions within the weld area and is used in conjunction with other forms of mechanical testing.



Security throughout all stages of installation—the SCHLEGEL® lining systems are designed for total capability.



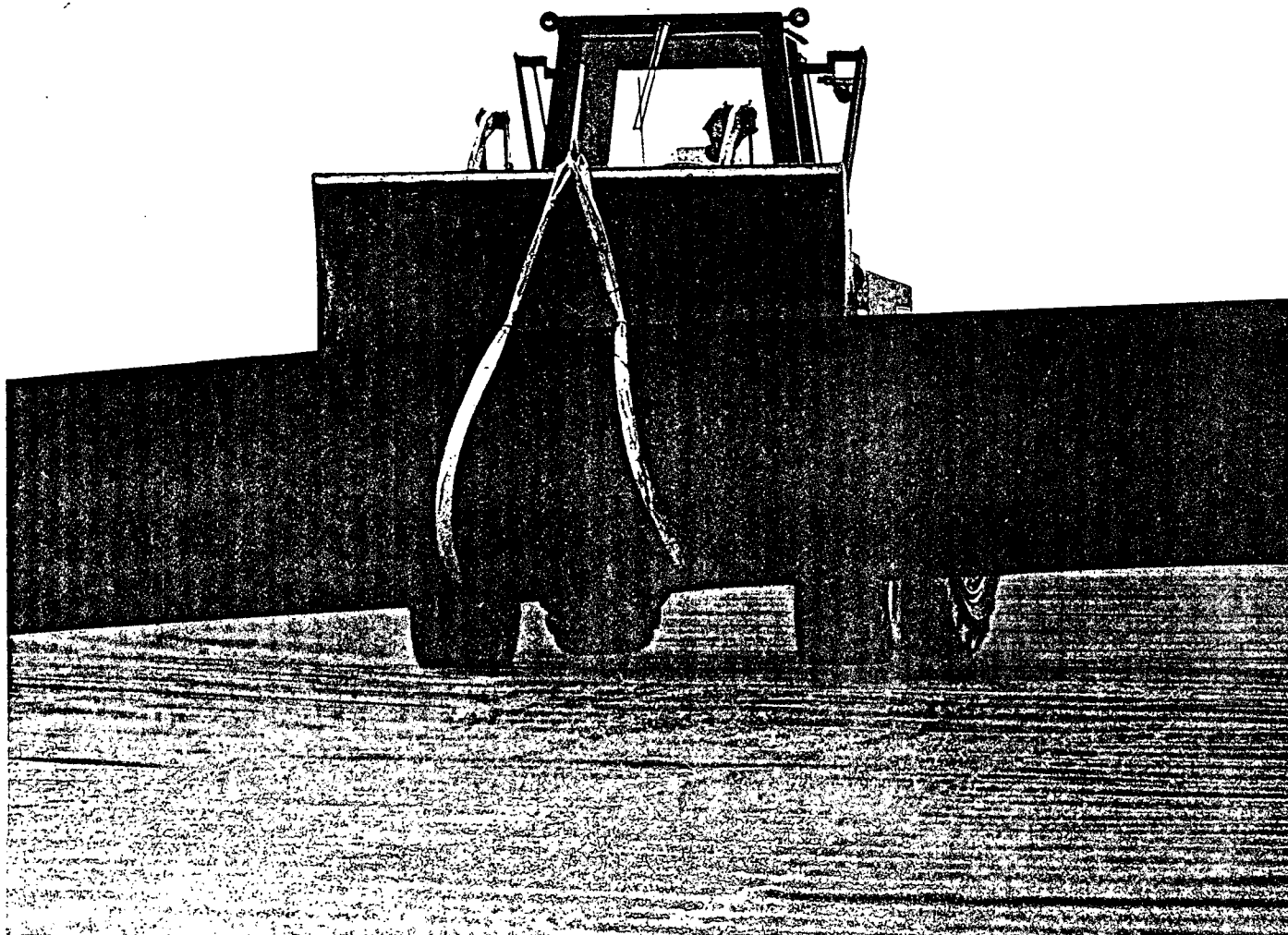
Design and Support Services

Schlegel laboratories are fully equipped to carry out a full range of testing and quality control procedures on:

- Raw Materials
- Sheet Production
- Site Installation

Specialized chemical resistance testing will be undertaken upon request to determine the effective resistance to particular chemicals. These tests will normally be done on joined and unjoined samples, and include testing under load at high temperature as well as standard immersion tests.

Lining design is determined for each individual project in association with the client or his appointed engineer. Design work includes recommendations relating to the civil works and construction requirements of the job site. Special design features and methods, or work scheduling, will also be considered to ensure that the fullest information is available for the main contract preparation.



PROJECT APPLICATION

SCHLEGEL LINING TECHNOLOGY, INC.



Oilfield Waste Containment

THE PROBLEM

To contain accumulated oilfield waste awaiting transfer by truck for disposal. Trucks will enter pit using concrete ramp laid directly over Schlegel® sheet. The pit dimensions are 115 ft. by 85 ft.

THE SOLUTION

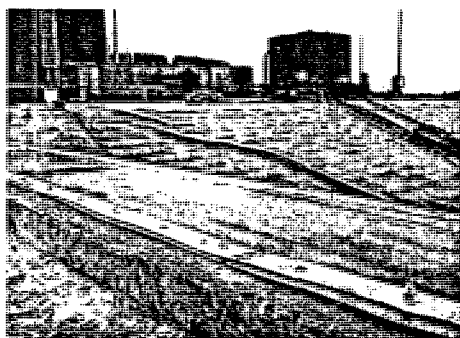
In the oilfield installation shown here, the pit had existed for some time. Originally it had a concrete bottom and Gunite sides. For a previous operation it was divided into two halves by a 10 ft. concrete weir.

Although this weir does not contribute to the future planned use of the pit, it was decided to cover the weir with lining rather than remove it.



This existing pit had a concrete bottom, Gunite sides and a concrete weir. In this picture, Schlegel sheet is in place for most of the pit.

Plans called for lining the pit with 80 mil thick Schlegel® sheet, plus placing a thick concrete slab on the pit floor and the two truck ramps. The concrete has rebar reinforcing. The purpose of the concrete is to protect the lining from truck traffic during trips to pump out the pit. The lining can be secured at the pit perimeter by steel battens attached by bolts driven into the concrete around the pit or buried in a perimeter anchor trench.



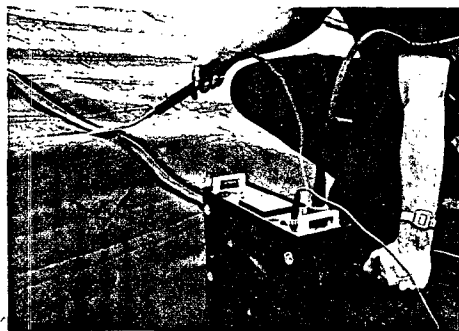
The lining perimeter is held in place by a steel batten and bolted to the concrete at the edge.



Mechanical abrasion of sheet surfaces before welding is critical to HDPE bonding.



Sheets are extrusion welded using the same resin as in the sheet. This method assures a 100% integrity guaranteed seam, stronger than the sheet itself.

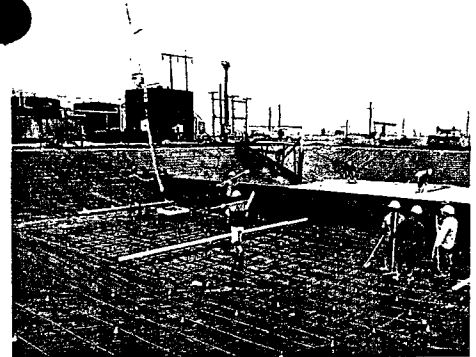


With the lining in place and seams welded each inch of the seams is subjected to spark testing.

INSTALLATION

Schlegel Lining Technology, Inc. provided the complete lining system for this oilfield pit consisting of:

- Sheet manufacture
- Complete lining system design
- Quality control including raw material tests, production tests of sheet samples, and on-site seam testing
- Installation by trained experienced Schlegel crews.



Rebar reinforcing was placed on the pit bottom and ramps. Concrete was placed in these areas to protect the lining as trucks enter the pit to pump it out. Concrete is poured directly on the Schlegel® sheet.



At the right edge of the photo the concrete slab is in place as the other slab is poured. Ramp with reinforcing is at the left side of photo.

Choice of lining thickness (60 to 240 mils) lets you match the project requirements to the sheet for long life and positive protection. The wide sheet width and length (33 + ft. x 900 ft.) means fewer seams. The extrusion welding of seams with (seams guaranteed 100%

integrity) thorough inspection means a leakproof installation, and you have one company's responsibility from material through installation and testing.

When you begin to think about a lining project, call Schlegel Lining Technology, Inc.

Other Project Reports available in this series:

Effluent Treatment Basins	Salt Water Reservoir
Electric Utility Basins	Chemical Waste Pits
Canal Lining	Tank Farm Linings
Aeration Basins	Toxic Slurry Wastes
Floating Covers	Underground Storage Tanks
Solid Industrial Waste	Domestic Waste Landfill

A fully detailed Technical Manual is available upon request

SCHLEGEL Lining Systems are manufactured and installed by



Schlegel Lining Technology, Inc.
P. O. Box 7730
The Woodlands, Texas 77380
Telex: 792745
Telephone: 409-273-3066

The information contained in this publication is based upon data believed to be correct but all information and data are given without guarantee or warranty.

Submit 4 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-134
Aug. 1, 1989

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

OIL CONSERVATION DIVISION

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

Permit No. B-12 A
(For Division Use Only)

AMENDMENT

APPLICATION FOR EXCEPTION TO DIVISION ORDER R-8952
FOR PROTECTION OF MIGRATORY BIRDS Rule 8(b), Rule 105(b), Rule 312(h), Rule 313, or Rule 711(I)

Operator Name: Warren Petroleum Company, A Division of Chevron USA Inc.

Operator Address: P. O. Box 67, Monument, New Mexico 88265

Lease or Facility Name Monument Plant Location 1 20 36
Size of pit or tank: 216' x 216' (1,911,000 gallons) Ut. Ltr. Sec. Twp. Rge

Operator requests exception from the requirement to screen, net or cover the pit or tank at the above-described facility.

☒ The pit or tank is not hazardous to migratory waterfowl. Describe completely the reason pit is non-hazardous.
This pit stores brine water and water discharge from this plant, both of which are
non hazardous to migratory waterfowl.

1) If any oil or hydrocarbons should reach this facility give method and time required for removal:

Oil or hydrocarbons can be contained and removed within 48 hours of discovery for
major discharge; less than 6 hours for minor discharges. Both instances would
be non normal.

2) If any oil or hydrocarbons reach the above-described facility the operator is required to notify the
appropriate District Office of the OCD with 24 hours.

☒ Operator proposes the following alternate protective measures: See Attachment

CERTIFICATION BY OPERATOR: I hereby certify that the information given above is true and complete to the best of my
knowledge and belief.

Signature C. L. Coarsey Title Plant Manager Date 12/11/90
Printed Name C. L. Coarsey Telephone No. 505/393-2823

FOR OIL CONSERVATION DIVISION USE

Date Facility Inspected 12/11/90
Inspected by SC

Approved by Jerry L. Sapp
Title DISTRICT 1 SUPERVISOR
Date JAN 02 1991



Warren Petroleum Company

A Division of Chevron U.S.A. Inc.
P.O. Box 1589, Tulsa, OK 74102

Manufacturing Department

November 29, 1990

Jerry Sexton, Supervisor
Attn: Eddie W. Seay
District I Office
State of New Mexico
Energy, Minerals and Natural
Resources Dept.
Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88241-1980

MONUMENT GAS PROCESSING PLANT
MONUMENT, LEA COUNTY, NEW MEXICO

Dear Mr. Seay:

I have enclosed a copy of Form C-134: Application For Exception To Division Order R-8952 FOR PROTECTION OF MIGRATORY BIRDS Rule 8(b), Rule 105(b), Rule 312(h), Rule 313 or Rule 711(I), which amends Permit Number H-12 granted by your agency on August 28, 1989.

The only correction to the amended document is the pond size. All other information remains the same.

If you find that you have any questions, or need further information, please contact me at (505)393-2823, or Linda Johnson at (918)560-4138.

Very truly yours,


C. L. Coarsey
Plant Manager

KAP/LLJ:fy
Enclosure

xc: R. C. Anderson/OCD-Santa Fe
B. G. Schulz
L. L. Johnson
File: Plant Discharge Plan and VII.B.3.d.(F.)(3.)(b.)
Tulsa: Discharge Plan and VII.B.1.a.

1639/11290/LLJ/L/APP FOR EXCEP

ATTACHMENT

Operator will walk the perimeter of each storage pond area at a minimum frequency of one visitation per thirty (30) day period. A thorough visual observation will be made. If hydrocarbons are found present, the contamination will be isolated and contained and cleanup procedures will be immediately implemented to minimize time and area of exposure available to wildlife. Hydrocarbons will be siphoned, skimmed, or absorbed off of the top of the water and transported in a closed container into the plant to be recycled or reprocessed. The local OCD District Office will be notified within a 24 hour period of any discovery of hydrocarbon contamination found in either storage pond.

Submit 4 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-134
Aug. 1, 1989

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

ON DIVISION

RECEIVED

91 JAN 4 AM 9:27
Permit No. H-44-A
(For Division Use Only)

APPLICATION FOR EXCEPTION TO DIVISION ORDER R-8952
FOR PROTECTION OF MIGRATORY BIRDS Rule 8(b), Rule 105(b), Rule 312(h), Rule 313, or Rule 711(I)

Operator Name: Warren Petroleum Company, A Division of Chevron USA Inc.

Operator Address: P. O. Box 67, Monument, New Mexico 88265

Lease or Facility Name Monument Plant Location 36 19 36
Size of pit or tank: 450' x 350' (8,835,750 gallons) Ut. Ltr. Sec. Twp. Rge.

Operator requests exception from the requirement to screen, net or cover the pit or tank at the above-described facility.

x The pit or tank is not hazardous to migratory waterfowl. Describe completely the reason pit is non-hazardous.

This pit stores brine water and water discharge from this plant, both of

which are non hazardous to migratory waterfowl.

1) If any oil or hydrocarbons should reach this facility give method and time required for removal:

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x Operator proposes the following alternate protective measures: See Attachment

CERTIFICATION BY OPERATOR: I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature C.L. Coarsey Title Plant Manager Date 12/11/90

Printed Name C.L. Coarsey Telephone No. 505/393-2823

FOR OIL CONSERVATION DIVISION USE

Date Facility Inspected 12/20/90

Inspected by [Signature]

Approved by [Signature] DISTRICT I SUPERVISOR

Title [Signature]

Date JAN 02 1991



Warren Petroleum Company

A Division of Chevron U.S.A. Inc.
P.O. Box 1589, Tulsa, OK 74102

Manufacturing Department

November 29, 1990

Jerry Sexton, Supervisor
Attn: Eddie W. Seay
District I Office
State of New Mexico
Energy, Minerals and Natural
Resources Dept.
Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88241-1980

MONUMENT GAS PROCESSING PLANT
MONUMENT, LEA COUNTY, NEW MEXICO

Dear Mr. Seay:

I have enclosed a copy of Form C-134: Application For Exception To Division Order R-8952 FOR PROTECTION OF MIGRATORY BIRDS Rule 8(b), Rule 105(b), Rule 312(h), Rule 313 or Rule 711(I), which amends Permit Number H-44 granted by your agency on September 29, 1989.

The only correction to the amended document is the pond size. All other information remains the same.

If you find that you have any questions, or need further information, please contact me at (505)393-2823, or Linda Johnson at (918)560-4138.

Very truly yours,


C. L. Coarsey
Plant Manager

KAP/LLJ:fy
Enclosure

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B. G. Schulz
L. L. Johnson
File: Plant Discharge Plan and VII.B.3.d.(F.)(3.)(b.)
Tulsa: Discharge Plan and VII.B.1.a.

1639/11290/LLJ/L/APP FOR EXCEP

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Warren Petroleum Company

A Division of Chevron U.S.A. Inc.
P.O. Box 1589, Tulsa, OK 74102

Manufacturing Department

OIL CONSERVATION DIVISION
RECEIVED

'90 DEC 18 AM 8 59

November 29, 1990

Jerry Sexton, Supervisor
Attn: Eddie W. Seay
District I Office
State of New Mexico
Energy, Minerals and Natural
Resources Dept.
Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88241-1980

MONUMENT GAS PROCESSING PLANT
MONUMENT, LEA COUNTY, NEW MEXICO

Dear Mr. Seay:

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The only correction to the amended document is the pond size. All other information remains the same.

If you find that you have any questions, or need further information, please contact me at (505)393-2823, or Linda Johnson at (918)560-4138.

Very truly yours,


C. L. Coarsey
Plant Manager

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L. L. Johnson
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Aug. 1, 1989

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Permit No. H-12

(For Division Use Only)

AMENDMENT

APPLICATION FOR EXCEPTION TO DIVISION ORDER R-8952
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Operator Address: P. O. Box 67, Monument, New Mexico 88265

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Signature C. L. Coarsey Title Plant Manager Date 12/11/90
Printed Name C. L. Coarsey Telephone No. 505/393-2823

FOR OIL CONSERVATION DIVISION USE

Date Facility Inspected _____

Inspected by _____

Approved by _____

Title _____

Date _____

ATTACHMENT

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Warren Petroleum Company

A Division of Chevron U.S.A. Inc.
P.O. Box 1589, Tulsa, OK 74102

Manufacturing Department

November 29, 1990

Jerry Sexton, Supervisor
Attn: Eddie W. Seay
District I Office
State of New Mexico
Energy, Minerals and Natural
Resources Dept.
Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88241-1980

MONUMENT GAS PROCESSING PLANT
MONUMENT, LEA COUNTY, NEW MEXICO

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Very truly yours,


C. L. Coarsey
Plant Manager

KAP/LLJ:fy
Enclosure

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P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Permit No. H-44
(For Division Use Only)

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Signature C. L. Coarsey Title Plant Manager Date 12/11/90

Printed Name C.L. Coarsey Telephone No. 505/393-2823

FOR OIL CONSERVATION DIVISION USE

Date Facility Inspected _____

Inspected by _____

Approved by _____

Title _____

Date _____

Operator will walk the perimeter of each storage pond area at a minimum frequency of one visitation per thirty (30) day period. A thorough visual observation will be made. If hydrocarbons are found present, the contamination will be isolated and contained and cleanup procedures will be immediately implemented to minimize time and area of exposure available to wildlife. Hydrocarbons will be siphoned, skimmed, or absorbed off of the top of the water and transported in a closed container into the plant to be recycled or reprocessed. The local OCD District Office will be notified within a 24 hour period of any discovery of hydrocarbon contamination found in either storage pond.

Submit 4 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Santa Fe
Form C-134
Aug. 1, 1989

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

Permit No. H 444
(For Division Use Only)

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

APPLICATION FOR EXCEPTION TO DIVISION ORDER R-8952
FOR PROTECTION OF MIGRATORY BIRDS Rule 8(b), Rule 105(b), Rule 312(h), Rule 313, or Rule 711(I)

Operator Name: WARREN PETROLEUM COMPANY A DIVISION OF CHEVRON USA INC.

Operator Address: P. O. BOX 67 MONUMENT, NEW MEXICO 88265

Lease or Facility Name MONUMENT PLANT Location 36 19 36

Size of pit or tank: 682' X 382' (14,961,000 GALLONS)
Ut. Ltr. Sec. Twp. Rge

Operator requests exception from the requirement to screen, net or cover the pit or tank at the above-described facility.

X The pit or tank is not hazardous to migratory waterfowl. Describe completely the reason pit is non-hazardous.

THIS PIT STORES BRINE WATER AND DISCHARGE WATER FROM THE PLANT BOTH OF WHICH

ARE NON HAZARDOUS TO MIGRATORY WATERFOWL.

1) If any oil or hydrocarbons should reach this facility give method and time required for removal:

OIL OR HYDROCARBONS CAN BE CONTAINED AND REMOVED WITHIN 48 HOURS OF DISCOVERY

FOR MAJOR DISCHARGE, LESS THAN 6 HOURS FOR MINOR DISCHARGES. BOTH INSTANCES
WOULD BE NON NORMAL.

2) If any oil or hydrocarbons reach the above-described facility the operator is required to notify the appropriate District Office of the OCD with 24 hours.

X Operator proposes the following alternate protective measures: OPERATOR WILL WALK THE PERIMETER OF
EACH STORAGE POND AREA AT A MINIMUM FREQUENCY OF ONE VISITATION PER THIRTY (30) DAY
PERIOD. A THOROUGH VISUAL OBSERVATION WILL BE MADE. IF HYDROCARBONS ARE FOUND
(CONTINUED ON ATTACHED SHEET)

CERTIFICATION BY OPERATOR: I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature _____ Title PLANT MANAGER Date _____

Printed Name K. A. PETERSON Telephone No. 505/393-2823

FOR OIL CONSERVATION DIVISION USE

Date Facility Inspected 9/26/89 Approved by Eddie W. Long

Inspected by Eddie W. Long Title OIL & GAS INSPECTOR

OCT - 6 1989

Date SEP 29 1989

OIL CONSERVATION DIV.
SANTA FE

VED

AUG 22 1950

OCD
HOUSE OFFICE

2. (CONTINUED)

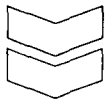
PRESENT THE CONTAMINATION WILL BE ISOLATED AND CONTAINED AND CLEANUP PROCEDURES WILL BE IMMEDIATELY IMPLEMENTED TO MINIMIZE TIME AND AREA OF EXPOSURE AVAILABLE TO WILDLIFE. HYDROCARBONS WILL BE SIPHONED, SKIMMED OR ABSORBED OFF OF THE TOP OF THE WATER AND TRANSPORTED IN A CLOSED CONTAINER INTO THE PLANT TO BE RECYCLED OR REPROCESSED. THE LOCAL OCD DISTRICT OFFICE WILL BE NOTIFIED WITHIN A 24 HOUR PERIOD OF ANY DISCOVERY OF HYDROCARBON CONTAMINATION FOUND IN EITHER STORAGE POND.

RECEIVED

AUG 22 1989

OCS
HOBBS OFFICE

Chevron



Manufacturing Department

Warren Petroleum Company

A Division of Chevron U.S.A. Inc.

P.O. Box 1589, Tulsa, OK 74107

OIL CONSERVATION DIVISION
RECEIVED
JUL 30 AM 9 37

June 28, 1990

**MONUMENT GAS PROCESSING PLANT
LEA COUNTY, NEW MEXICO
DISCHARGE PLAN GW-25**

William J. LeMay, Director
State of New Mexico
Oil Conservation Division
Energy and Minerals Department
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Roger C. Anderson
Environmental Engineer

Dear Mr. Anderson:

In response to your letter of April 18, 1990, I offer you the following information.

- Item 1a: The berm for the Lube Oil Storage Tanks will be completed by December 1, 1991.
- Item 1b: The berm for the Shell Condensate Tanks will be built up to meet Oil Conservation Division specifications by January 31, 1991.
- Item 1c: The berm for the Amine Tank will be completed by January 31, 1991.
- Item 1d: The berm around the Rice Disposal Tanks will be completed by December 31, 1991.
- Item 2: The Aboveground Fuel Tank will be incorporated with the berm surrounding the Lube Oil Storage Tanks. This project is scheduled for completion by December 31, 1991.
- Item 3: The berm for the Aboveground Mercaptan Tank will be completed by December 31, 1991.
- Item 4: We will visually inspect sumps for leaks on an annual basis. This inspection will be documented and a copy of the inspection will be maintained in the files at the plant.

Monument Gas Processing Plant
Discharge Plan GW-25
June 28, 1990
Page 2

I have attached an updated copy of Part I-Number 7: Potential Spills, Prediction and Control from our Spill Prevention Control and Countermeasure Plan which appears as Section XII of the Discharge Plan. This portion will be further updated once each item is completed.

If you find that you have any questions, or need further information, please contact Linda Johnson, or me, at (918)560-4138.

Very truly yours,



L. T. Reed, Senior Engineer
Environmental Affairs

BZ

LTR/fy

xc: B. G. Schulz
K. A. Peterson/Monument Plant
Plant File Number: VII.B.3.d.(A). or
Discharge Plan Manual

PART I - GENERAL INFORMATION (Continued)

7. Potential spills - prediction and control:

	<u>SOURCE</u>	<u>TYPE</u>	<u>MAJOR TYPE OF FAILURE</u>	<u>TOTAL QUANTITY (BBLs)</u>	<u>RATE (BBLs/Hr)</u>	<u>FLOW DIRECTION</u>	<u>SECONDARY CONTAINMENT</u>
1.	Slop Oil Tank (Shell Pipeline)	Welded Flat Bottom	Rupture	500	500	S	Earthen Dike
2.	Slop Oil Tank (Shell Pipeline)	Welded Flat Bottom, Vert.	"	"	"	S	**
3.	Brine Storage	Bolted Flat Bottom, Vert.	"	210	210	W	None
4.	Dietheno- lamine (DEA) Storage	Bolted Flat Bottom, Vert.	"	210	210	NW	**
5.	Hot Oil Storage	Welded, Horizontal	"	250	250	W	None
6.	Water Treat- ing Chemical	Fiberglass, Horizontal	"	24	24	S	Concrete Dike
7.	Sulfuric Acid Storage	Welded Vertical	"	35	35	S	Concrete Dike
8.	Lube Oil Storage	Bolted, Horizontal	"	200	200	W	*
9.	Lube Oil Storage	Bolted, Horizontal	"	200	200	W	*
10.	Diesel Storage	Welded, Horizontal	"	13	13	W	***
11.	Varsol Solvent	Welded, Horizontal	"	13	13	W	None
12.	Waste Wtr. Storage (Rice)	Welded, Horizontal	"	210	210	E	***
13.	Waste Wtr. Storage (Rice)	Welded, Horizontal	"	210	210	E	***
14.	Waste Water Oil Skimmer	Welded, Horizontal	"	100	100	E	None
15.	Slop Oil Tank Shell P/L	Welded Flat Bottom	"	500	500	S	Earthen Dike

PART I - GENERAL INFORMATION (Continued)

7. Potential spills - prediction and control: (Continued)

	<u>SOURCE</u>	<u>TYPE</u>	<u>MAJOR TYPE OF FAILURE</u>	<u>TOTAL QUANTITY (BBLs)</u>	<u>RATE (BBLs/Hr)</u>	<u>FLOW DIRECTION</u>	<u>SECONDARY CONTAINMENT</u>
16.	Mercaptan Tank	Welded, Aboveground Horizontal	"	230	230	W	**
17.	Ethylene Glycol	Fiberglass, Horizontal	"	20	20	W	*
18.	Methanol	Welded, Horizontal	"	12	12	W	*
19.	Gasoline	Welded, Horizontal	"	30	30	W	*
20.	Soap Tank	Fiberglass, Horizontal	"	9.5	9.5	W	*
21.	Soap Tank	Fiberglass, Horizontal	"	9.5	9.5	W	Concrete Curbing
22.	Wastewater Oil Skimmer	Welded, Vertical	"	250	250	S	Earthen Dike

*Scheduled to be diked by December 1, 1991.

**Scheduled to be diked by January 31, 1991.

***Scheduled to be diked by December 31, 1991.



Warren Petroleum Company

A Division of Chevron U.S.A. Inc.
P.O. Box 1589, Tulsa, OK 74102

Manufacturing Department

RECEIVED
DIVISION

'90 MAY 16 AM 8 58

May 14, 1990

MONUMENT GAS PROCESSING PLANT
LEA COUNTY, NEW MEXICO
DISCHARGE PLAN GW-25

State of New Mexico
Oil Conservation Division
Energy and Mineral Department
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Roger C. Anderson
Environmental Engineer

Dear Mr. Anderson:

I have attached material for the update of the Spill Prevention Control and Countermeasure (SPCC) Plan for the subject facility. The SPCC Plan appears as Section XII of the Plant's Discharge Plan. This specific page should be entered at the end of the "Spill Notification Procedures" portion of the SPCC Plan.

If you need further information, please contact Linda Johnson, or me, at 918/560-4138.

Very truly yours,

L. T. Reed, Senior Engineer
Environmental Affairs

LTR/LLJ/kn
Attachment
1639/05090/LLJ/L/ENGY/MINL DPT

xc: M. L. Ingram - w/Attachment
K. A. Peterson - w/Attachment

NEW MEXICO - MONUMENT PLANT
TABLE II. REPORTING REQUIREMENTS AND TELEPHONE NUMBERS

SUBSTANCE	QUANTITY RELEASED			CONTACTS												
	LAND	WATER	AIR	FEDERAL		STATE						LOCAL		CHEVRON		
				EPA	NRC	NMEID ¹⁰	NMEID ¹¹	NMOC ¹²	NMCC ¹³	NMEID ¹⁴	NMDPS ¹⁵	NMERC ¹⁶	LEPC ¹⁷	FD ¹⁸	WPCEA ¹⁹	CCC
Oil ^{3,9}	////////	Any ¹⁰	////////	T,W	T ¹	T,W ²		T,W								
	1 bbl	1 bbl	////////			T,W		T,W							W	
	////////	////////	1 bbl			T,W ⁸	T,W	T,W							W	
CERCLA Hazardous ⁴	////////	RQ ⁷	////////		T	T,W		T,W							T,W	
	RQ ⁷	////////	////////		T	T,W		T,W							T,W	
	////////	////////	RQ ⁷		T		T,W	T,W							T,W	
RCRA Hazardous ⁵	////////	RQ ⁷	////////		T			T,W		T,W					T,W	
	RQ ⁷	////////	////////		T			T,W		T,W					T,W	
	////////	RQ ⁷	////////		T			T,W			T,W	T,W	T,W	T	T,W	
SARA Hazardous ⁶	////////	RQ ⁷	////////		T			T,W			T,W	T,W	T,W	T	T,W	
	RQ ⁷	////////	////////		T			T,W			T,W	T,W	T,W	T	T,W	
	////////	////////	RQ ⁷		T		T,W	T,W			T,W	T,W	T,W	T	T,W	
Natural or Other Gas Pipeline	Any	Any	Any						T,W						T,W	

NOTES:

1. Telephonic notifications are represented by "T" above.
2. Written notifications are represented by "W" above.
3. All petroleum based products, including LPG's, lube oil, gasoline, etc.
4. All substances found on the EPA list of CERCLA hazardous substances and reportable quantities.
5. All substances found on the EPA list of RCRA hazardous substances list or substances that are hazardous by characteristic (toxicity, reactivity, corrosivity and ignitability).
6. All substances found on the EPA list of SARA extremely hazardous substances.
7. Reportable Quantity - See Appendix "F".
8. Major Upset and Maintenance and Oil Spill Reporting - See Appendix "G".
9. Report 42 gallon oil spills for a single occurrence, or if two spills have occurred within a twelve (12) month period or a discharge of oil or other water contaminant whose quantity may, with reasonable probability injure or be detrimental to human health, animal or plant life, or property or unreasonably interfere with the public welfare or use of property. Written report to be submitted within seven (7) days to the appropriate agency.
12. Report any fire, break, leak, spill or blowout on Form: "Notification of Fire, Breaks, Spills, Leaks & Blowouts."
19. Report on GO-140.

ACRONYM	DESCRIPTION	TELEPHONE NUMBERS	
		DAYLIGHT	AFTER HOURS
EPA	Environmental Protection Agency - Region VI	(214) 655-2222	Same
NRC	National Response Center	(800) 424-8802	Same
NMEID ¹⁰	New Mexico Environmental Improvement Div. Ground Water Bureau - Santa Fe	(505) 827-0188 or (505) 827-2915	(505) 827-9329
	New Mexico Environmental Improvement Div. Air Quality Division - Santa Fe	(505) 827-0062	(505) 827-9329
NMOC ¹²	N.Mexico Energy, Minerals & Ntrl Resources Dept.-Oil Conservation Division - Santa Fe DISTRICT I - Hobbs	(505) 827-5800 and (505) 393-6161	(505) 471-1068 & Same
		(505) 827-4176/4497 or (505) 827-4521 or (505) 827-4009 or (505) 827-4494	(505) 983-1810 (505) 473-1923 (505) 473-0717 (505) 892-2274
NMCC ¹³	New Mexico State Corporation Commission Pipeline Division - Santa Fe		
NMEID ¹⁴	New Mexico Environmental Improvement Div. Hazardous Waste Bureau	(505) 827-2929	(505) 827-9329
NMDPS ¹⁵	New Mexico Department of Public Safety Chemical Safety Bureau	(505) 827-9000	Same
NMERC ¹⁶	New Mexico Emergency Response Commission	(505) 827-9222	Same
LEPC ¹⁷	Local Emergency Planning Commission	(505) 397-9289	Same
FD ¹⁸	Fire Department - Monument	(505) 393-3060	Same
WPCEA ¹⁹	Warren Petroleum Co.-Environmental Affairs	(918) 560-4119	(918) 663-3397
	Alternate Number	(918) 560-4138	(918) 492-5717
CCC	Chevron Corporate Compliance	(415) 894-6993	

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 renewal applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(GW-20) Conoco Inc., Rick McCallip, Director of Safety and Environmental Services, P.O. Box 2197, HU 3048, Houston, Texas 77252, has submitted an application for renewal of its previously approved discharge plan for its Maljamar Gas Plant located in Sections 21 and 28, Township 17 South, Range 32 East, NMPM, Lea County, New Mexico. Approximately 2300 gallons per day of process wastewater is disposed in Conoco Inc.'s waterflood project for secondary oil recovery. The waterflood project consists of Class II injection wells and was approved by Oil Conservation Commission Order No. R-2403. The wastewater has a total dissolved solids concentration of approximately 3240 mg/l. Ground water most likely to be affected by any discharge to the surface is at a depth of approximately 120 feet with a total dissolved solids concentration of 440mg/l. The discharge plan addresses how spills, leaks or other discharges to the ground will be handled.

(GW-25) Warren Petroleum Company, L.T. Reed, Senior Engineer, P.O. Box 1589, Tulsa, Oklahoma 74102, has submitted an application for renewal of its previously approved discharge plan for its Monument Gas Processing Plant located in the SW/4 Section 36, Township 19 South, Range 36 East and the NW/4, Section 1, Township 20 South, Range 36 East, NMPM, Lea County, New Mexico. Approximately 50,000 gallons per day of process wastewater is disposed of in an OCD approved Class II injection well. The wastewater has a total dissolved solids concentration of approximately 2800 mg/l. Ground water most likely to be affected by any discharge to the surface is at a depth of approximately 35 to 60 feet with a total dissolved solids concentration ranging from 500 to 3000 mg/l. The discharge plan addresses how spills, leaks, or other discharges to the ground will be handled.

(GW-23) Phillips 66 Natural Gas Company, Michael D. Ford, Environmental Scientist, 4001 Penbrook, Odessa, Texas 79762, has submitted an application for renewal of its previously approved discharge plan for its Artesia Plant located in Section 7, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico. Approximately 23,000 gallons per day of process wastewater is disposed of in an OCD approved Class II injection well. The total dissolved solids concentration of the wastewater is approximately 2000 mg/l. Ground water most likely to be affected by any discharge to the surface is at a depth of 85 feet with a total dissolved solids concentration of 300 mg/l. The discharge plan addresses how spills, leaks or other discharges to the ground will be handled.

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

If no public hearing is held, the

STATE OF NEW MEXICO } ss
County of Bernalillo

90 MAY 16 AM 8 34

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

for.....1.....times, the first publication being on the.....11.....day
of.....May....., 1990, and the subsequent consecutive
publications on....., 1990.

Thomas J. Smithson
Sworn and subscribed to before me, a Notary Public in
and for the County of Bernalillo and State of New
Mexico, this.....11.....day of.....May....., 1990.

PRICE.....\$38.74.....

Statement to come at end of month.

ACCOUNT NUMBER.....C81184.....

OFFICIAL SEAL

Bernadette Dity

00117

12-18-93

EDJ-15 (R-12/89)

Affidavit of Publication

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

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

That the notice which is hereto attached, entitled

Notice of Publication

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

consecutive weeks, beginning with the issue of

May 8, 19 90

and ending with the issue of

May 8, 19 90

And that the cost of publishing said notice is the
sum of \$ 41.59

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

Subscribed and sworn to before me this 9th

day of May, 19 90

Ms. Jean Serice
Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 19 90

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

(GW-20) Conoco Inc., Rick McCallp, Director of Safety and Environmental Services, P. O. Box 2197, HU 3048, Houston, Texas 77252, has submitted an application for renewal of its previously approved discharge plan for its Maljamar Gas Plant located in Sections 21 and 28, Township 17 South, Range 32 East, NMPM, Lea County, New Mexico. Approximately 2300 gallons per day of process wastewater is disposed in Conoco Inc.'s waterflood project for secondary oil recovery. The waterflood project consists of Class II injection wells and was approved by Oil Conservation Commission Order No. R-2403. The wastewater has a total dissolved solids concentration of approximately 3240 mg/l. Ground water most likely to be affected by any discharge to the surface is at a depth of approximately 120 feet with a total dissolved solids concentration of 440 mg/l. The discharge plan addresses how spills, leaks or other discharges to the ground will be handled.

(GW-25) Warren Petroleum Company, L.T. Reed, Senior Engineer, P. O. Box 1589, Tulsa, Oklahoma 74102, has submitted an application for renewal of its previously approved discharge plan for its Monument Gas Processing Plant located in the SW/4, Section 36, Township 19 South, Range 36 East and the NW/4, Section 1, Township 20 South, Range 36 East, NMPM, Lea County, New Mexico. Approximately 50,000 gallons per day of process wastewater is disposed of in an OCD approved Class II injection well. The wastewater has a total dissolved solids concentration of approximately 2800 mg/l. Ground water most likely to be affected by any discharge to the surface is at a depth of approximately 36 to 60 feet with a total dissolved solids concentration ranging from 500 to 3000 mg/l. The discharge plan addresses how spills, leaks or other discharges to the ground will be handled.

(GW-23) Phillips 66 Natural Gas Company, Michael D. Ford, Environmental Scientist, 4001 Penbrook, Odessa, Texas 79762, has submitted an application for renewal of its previously approved discharge plan for its Artesia Plant located in Section 7, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico. Approximately 23,000 gallons per day of process wastewater is disposed of in an OCD approved Class II injection well. The total dissolved solids concentration of the wastewater is approximately 2000 mg/l. Ground water most likely to be affected by any discharge to the surface is at a depth of 85 feet with a total dissolved solids concentration of 300 mg/l. The discharge plan addresses how spills, leaks or other discharges to the ground will be handled.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 1st day of May, 1990. To be published on or before May 11, 1990.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

William J. Lemay
WILLIAM J. LEMAY, Director

S E A L

Published in the Lovington Daily Leader May 8, 1990.

Affidavit of Publication

No. 13122

STATE OF NEW MEXICO,

County of Eddy:

Gary D. Scott, being duly sworn, says: That he is the Publisher of The Artesia Daily Press, a daily newspaper of general circulation, published in English at Artesia, said county and state, and that the hereto attached Legal Notice

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of

the state of New Mexico for 1 consecutive weeks on the same day as follows:

First Publication May 10, 1990

Second Publication

Third Publication

Fourth Publication

Subscribed and sworn to before me this 10th day

of May 19 90

Notary Public, Eddy County, New Mexico

My Commission expires September 23, 1991

LEGAL NOTICE

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS AND

NATURAL
RESOURCES
DEPARTMENT
OIL CONSERVATION
DIVISION

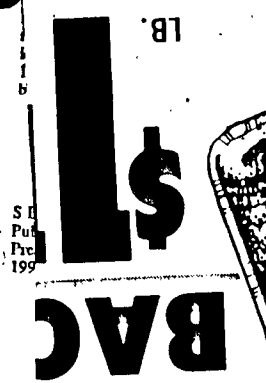
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(GW-20) Conoco Inc., Rick McCalip, Director of Safety and Environmental Services, P.O. Box 2197, HU 3048, Houston, Texas 77252, has submitted an application for renewal of its previously approved discharge plan for its Majamar Gas Plant located in Sections 21 and 28, Township 17 South, Range 32 East, NMPM, Lea County, New Mexico. Approximately 2300 gallons per day of process wastewater is disposed in Conoco Inc.'s waterflood for secondary oil recover. The waterflood project consists of Class II injection wells and was approved by Oil Conservation Commission Order No. R-2403. The wastewater has a total dissolved solids concentration of approximately 3240 mg/l. Ground water most likely to be affected by any discharge to the surface is at a depth of approximately 120 feet with a total dissolved solids concentration of 440 mg/l. The discharge plan addresses how spills, leaks or other discharges to the ground will be handled.

(GW-23) Warren Petroleum Company, L.T. Reed, Senior Engineer, P.O. Box 1589, Tulsa, Oklahoma 74102, has submitted an application for renewal of its previously approved discharge plan for its Monument Gas Processing Plant located in the SW/4, Section 36, Township 19 South, Range 36 East and the NW/4, Section 1, Township 20 South, Range 36 East, NMPM, Lea County, New Mexico. Approximately 50,000 gallons per day of process wastewater is disposed of in an OCD approved Class II injection well. The wastewater has a total dissolved solids concentration of approximately 2800 mg/l. Ground water most likely to be affected by any discharge to the surface is at a depth of approximately 35 to 60 feet with a total dissolved solids concentration ranging from 500 to 3000 mg/l. The discharge plan addresses how spills, leaks or other discharges to the ground will be handled.

(GW-23) Phillips 66 Natural Gas Company, Michael D. Ford, Environmental Scientist, 4001 Penbrook, Odessa, Texas, 79762, has submitted an application for renewal of its previously approved discharge plan for its Artesia Plant located in Section 7, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico. Approximately 23,000 gallons per day of process wastewater is disposed of in an OCD approved Class II injection well. The total dissolved solids concentration of the wastewater is approximately 2000 mg/l. Ground water most likely to be affected by any discharge to the surface is at a depth of 85 feet with a total dissolved solids concentration of 300 mg/l. The discharge plan addresses how spills, leaks or other discharges to the ground will be handled.

Any interested person may ob-



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 renewal applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P. O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(GW-20) Conoco Inc., Rick McCallp, Director of Safety and Environmental Services, P. O. Box 2197, HU 3048, Houston, Texas 77252, has submitted an application for renewal of its previously approved discharge plan for its Maljamar Gas Plant located in Sections 21 and 28, Township 17 South, Range 32 East, NMPM, Lea County, New Mexico. Approximately 2300 gallons per day of process wastewater is disposed in Conoco Inc.'s waterflood project for secondary oil recovery. The waterflood project consists of Class II injection wells and was approved by Oil Conservation Commission Order No. R-2403. The wastewater has a total dissolved solids concentration of approximately 3240 mg/l. Ground water most likely to be affected by any discharge to the surface is at a depth of approximately 120 feet with a total dissolved solids concentration of 440 mg/l. The discharge plan addresses how spills, leaks or other discharges to the ground will be handled.

(GW-25) Warren Petroleum Company, L.T. Reed, Senior Engineer, P. O. Box 1589, Tulsa, Oklahoma 74102, has submitted an application for renewal of its previously approved discharge plan for its Monument Gas Processing Plant located in the SW/4, Section 36, Township 19 South, Range 36 East and the NW/4, Section 1, Township 20 South, Range 36 East, NMPM, Lea County, New Mexico. Approximately 50,000 gallons per day of process wastewater is disposed of in an OCD approved Class II injection well. The wastewater has a total dissolved solids concentration of approximately 2800 mg/l. Ground water most likely to be affected by any discharge to the surface is at a depth of approximately 35 to 60 feet with a total dissolved solids concentration ranging from 500 to 3000 mg/l. The discharge plan addresses how spills, leaks or other discharges to the ground will be handled.

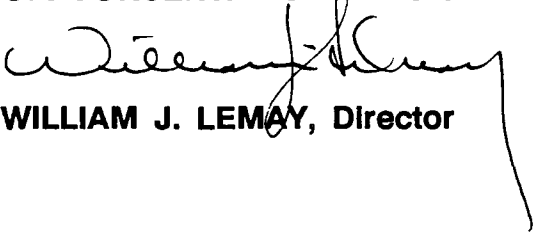
(GW-23) Phillips 66 Natural Gas Company, Michael D. Ford, Environmental Scientist, 4001 Penbrook, Odessa, Texas 79762, has submitted an application for renewal of its previously approved discharge plan for its Artesia Plant located in Section 7, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico. Approximately 23,000 gallons per day of process wastewater is disposed of in an OCD approved Class II injection well. The total dissolved solids concentration of the wastewater is approximately 2000 mg/l. Ground water most likely to be affected by any discharge to the surface is at a depth of 85 feet with a total dissolved solids concentration of 300 mg/l. The discharge plan addresses how spills, leaks or other discharges to the ground will be handled.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 1st day of May, 1990. To be published on or before May 11, 1990.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY, Director

S E A L



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

GARREY CARRUTHERS
GOVERNOR

April 18, 1990

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

CERTIFIED MAIL
RETURN RECEIPT NO. P-918-402-141

Ms. L. T. Reed, Senior Engineer
WARREN PETROLEUM COMPANY
P. O. Box 1589
Tulsa, Oklahoma 74102

RE: Discharge Plan GW-25
Monument Gas Processing Plant
Lea County, New Mexico

Dear Ms. Reed:

The Oil Conservation Division (OCD) is in the process of reviewing the discharge plan renewal application for the above referenced facility. The following comments and requests are based on the review of the application and observations during a facility inspection on March 13, 1990.

1. The OCD is requiring that above grade tanks that contain materials with constituents that can be harmful to fresh water and the environment, if a sudden and catastrophic spill were to occur, must be contained at the site of the spill and mitigated immediately. Containment in a small area at the tank site allows for maximum recovery of fluids and small volumes of contaminants available for infiltration. Without berming, the rupture of a tank will spread its contents over a large area minimizing the amount that can be recovered and increasing the surface area of contaminated soil available to leach contaminants. All tanks that contain these types of materials must be bermed to prevent migration of the fluids and decrease the potential for infiltration. The following is a list of tanks identified during the inspection that should be bermed.
 - a. Lube and Storage
 - b. Shell condensate tank
 - c. Amine tank
 - d. Rice dispose tanks

Submit a completion schedule for berming these tanks and any other tanks not identified during the inspection that contain fluids other than fresh water. The bermed areas shall be large enough to hold one-third more than the volume of the largest vessel or one-third larger than the total volume of all interconnected vessels contained within the berm.

2. The above ground saddle tank containing fuel is mounted on a concrete pad but did not have curbs to contain spills. Submit a schedule for curbing this area.
3. The above grade saddle tank containing mercaptan did not have a pad or curb. Submit a schedule for paving and curbing the area under this tank.
4. It is OCD's policy that all below grade facilities now in service that do not have leak detection are required to be visually inspected yearly to insure integrity. A commitment to incorporate leak detection in the design and construction of any replacement or newly constructed facilities is also required.

If you have any questions, please do not hesitate to call me at (505) 827-5884.

Sincerely,



Roger C. Anderson
Environmental Engineer

RCA/sl

cc: OCD Hobbs Office



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

GARREY CARRUTHERS
GOVERNOR

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

January 12, 1990

CERTIFIED MAIL
RETURN RECEIPT NO. P-918-402-222

Ms. L. T. Reed, Senior Engineer
WARREN PETROLEUM COMPANY
P. O. Box 1589
Tulsa, Oklahoma 74102

RE: Discharge Plan GW-25
Monument Gas Processing Plant
Lea County, New Mexico

Dear Ms. Reed:

The Oil Conservation Division (OCD) has received and is in the process of reviewing the discharge plan renewal application, dated December 28, 1989, for the above referenced facility.

As part of the discharge plan review process, information obtained from a site inspection by OCD personnel will be included in our comments and requests for additional information. I will be contacting you in the near future to schedule a mutually agreeable time to conduct an inspection of the Maljamar facility.

If you have any questions, please do not hesitate to call me at (505) 827-5884.

Sincerely,

Roger C. Anderson
Environmental Engineer

RCA/sl

cc: OCD Hobbs Office

Contract Lab ACCU LABS
Contract No. 77-521.07-123

GENERAL WATER CHEMISTRY
and NITROGEN ANALYSIS

DATE RECEIVED	LAB NO.	Sample No. <u>890329/420</u>
Collection DATE <u>8903129</u>	SITE INFORMATION	Sample location <u>Warren Monument</u>
Collection TIME		Collection site description <u>Discharge from C. map Chemical under fence to Warren west yard</u>
Collected by: Person/Agency <u>Boyer/Anderson/OCD</u>		

SEND
FINAL
REPORT
TO

ENVIRONMENTAL BUREAU
NM OIL CONSERVATION DIVISION
State Land Office Bldg, PO Box 2088
Santa Fe, NM 87504-2088

Attn: David Boyer

Phone: 827-5312

SAMPLING CONDITIONS

<input type="checkbox"/> Bailed <input checked="" type="checkbox"/> Dipped	<input type="checkbox"/> Pump <input type="checkbox"/> Tap	Water level	Discharge	Sample type <u>Grab</u>
pH (00400) <u>7</u>	Conductivity (Uncorrected) <u>2850</u> μ mho	Water Temp. (00010) <u>23</u> °C	Conductivity at 25°C (00094) μ mho	
Field comments <u>Water discharging under fence and ponds on Warren oily soil treatment area.</u>				

SAMPLE FIELD TREATMENT — Check proper boxes

No. of samples submitted <u>1</u>	<input checked="" type="checkbox"/> NF: Whole sample (Non-filtered)	<input type="checkbox"/> F: Filtered in field with 0.45 μ m membrane filter	<input type="checkbox"/> A: 2 ml H ₂ SO ₄ /L added
<input checked="" type="checkbox"/> NA: No acid added		<input type="checkbox"/> Other-specify:	<input type="checkbox"/> A: 5ml conc. HNO ₃ added <input type="checkbox"/> A: 4ml fuming HNO ₃ added

ANALYTICAL RESULTS from SAMPLES

NA	Units	Date analyzed	From <u>NE</u> , NA Sample:	Date Analyzed
<input checked="" type="checkbox"/> Conductivity (Corrected) 25°C (00095)	μ mho		<input checked="" type="checkbox"/> Calcium	mg/l
<input type="checkbox"/> Total non-filterable residue (suspended) (00530)	mg/l		<input checked="" type="checkbox"/> Potassium	mg/l
<input checked="" type="checkbox"/> Other: <u>Lab pH</u>			<input checked="" type="checkbox"/> Magnesium	mg/l
<input type="checkbox"/> Other:			<input checked="" type="checkbox"/> Sodium	mg/l
<input type="checkbox"/> Other:			<input checked="" type="checkbox"/> Bicarbonate	mg/l
A-H₂SO₄			<input checked="" type="checkbox"/> Chloride	mg/l
<input type="checkbox"/> Nitrate-N + Nitrate-N total (00630)	mg/l		<input checked="" type="checkbox"/> Sulfate	mg/l
<input type="checkbox"/> Ammonia-N total (00610)	mg/l		<input checked="" type="checkbox"/> Total Solids	mg/l
<input type="checkbox"/> Total Kjeldahl-N ()	mg/l		<input checked="" type="checkbox"/> <u>CO₃</u>	
<input type="checkbox"/> Chemical oxygen demand (00340)	mg/l		<input checked="" type="checkbox"/> <u>B₅</u>	
<input type="checkbox"/> Total organic carbon ()	mg/l		<input checked="" type="checkbox"/> Cation/Anion Balance	
<input type="checkbox"/> Other:			Analyst	Date Reported
<input type="checkbox"/> Other:				Reviewed by
Laboratory remarks				

FOR OCD USE -- Date Owner Notified 6/19/89 Phone or Letter Initials MB

HEAVY METAL ANALYSIS FORM

Date Received		Lab No.	Sample No. 8903291420					
COLLECTION DATE & TIME:			yy	mm	dd	hh	mm	COLLECTION SITE DESCRIPTION WARREN MONUMENT flow from Climax Chem.
			89	03	29	14	20	
COLLECTED BY: BOYER ANDERSON								

TO:

OWNER:

ENVIRONMENTAL BUREAU
NM OIL CONSERVATION DIVISION
State Land Office Bldg., PO Box 2088
SANTA FE, NM 87504-2088

SITE LOCATION:

County: LEA

Township, Range, Section, Tract: (10N06E24342)

ATTN: DAVE BOYER
TELEPHONE: 827-5812

STATION/ WELL CODE: | | | | | | | | | |

LATITUDE, LONGITUDE: | | | | | | | | | | - | | |

SAMPLING CONDITIONS:

<input type="checkbox"/> Bailed <input checked="" type="checkbox"/> Dipped		<input type="checkbox"/> Pump <input type="checkbox"/> Tap		Water Level:		Discharge:		Sample Type: <i>GRAB</i>	
pH(00400)		Conductivity(Uncorr.)		Water Temp.(00010)		Conductivity at 25°C (00094)			
		<i>µmho</i>		<i>°C</i>				<i>µmho</i>	

FIELD COMMENTS:

SAMPLE FIELD TREATMENT		LAB ANALYSIS REQUESTED:
Check proper boxes:		
<input checked="" type="checkbox"/> WPN: Water Preserved w/HNO ₃ Non-Filtered	<input type="checkbox"/> WPF: Water Preserved w/HNO ₃ Filtered	<input type="checkbox"/> ICAP Scan Mark box next to metal if AA is required.

ANALYTICAL RESULTS (MG/L)

ELEMENT	ICAP VALUE	AA VALUE	ELEMENT	ICAP VALUE	AA VALUE
Aluminum	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Silicon	<input type="checkbox"/>	<input type="checkbox"/>
Barium	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Silver	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Beryllium	<input type="checkbox"/>	<input type="checkbox"/>	Strontium	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Boron	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tin	<input type="checkbox"/>	<input type="checkbox"/>
Cadmium	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vanadium	<input type="checkbox"/>	<input type="checkbox"/>
Calcium	<input type="checkbox"/>	<input type="checkbox"/>	Zinc	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chromium	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Arsenic	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cobalt	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Selenium	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Copper	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mercury	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Iron	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Lead	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Magnesium	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Manganese	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Molybdenum	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Nickel	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

LAB COMMENTS:

For OCD Use:		
Date Owner Notified: _____	ICAP Analyst _____	Reviewer _____
Phone or Letter? _____		
Initials: _____	Date Analyzed _____	Date Reveived _____

May 9, 1989
Page 10 of 18

Accu-Labs Research, Inc.

RECEIVED

MAY 17 1989

OIL CONSERVATION DIV.
SANTA FE

Mr. David Boyer
NM Oil Conservation Division

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

REPORT OF ANALYSIS

ALR Designation	9649-29859-20-10	9649-29859-20-11	9649-29859-20-12
Sponsor Designation	8903291420	8903301000	8903301355
	3-29-89	3-30-89	3-30-89

GC/MS VOLATILE ORGANICS, µg/L:

Chloromethane	Not Analyzed	Not Analyzed	<100
Bromomethane			<100
Vinyl chloride			<100
Chloroethane			<100
Methylene chloride			<50
1,1-Dichloroethene			<50
1,1-Dichloroethane			<50
Total 1,2-Dichloroethene			<50
Chloroform			<50
1,2-Dichloroethane			<50
1,1,1-Trichloroethane			<50
Carbon tetrachloride			<50
Bromodichloromethane			<50
1,2-Dichloropropane			<50
c-1,3-Dichloropropene			<50
Trichloroethene			<50
Benzene			380
Dibromochloromethane			<50
1,1,2-Trichloroethane			<50
t-1,3-Dichloropropene			<50
2-Chloroethylvinyl ether			<50
Bromoform			<50
1,1,2,2-Tetrachloroethane			<50
Tetrachloroethene			<50

May 9, 1989
Page 11 of 18

Accu-Labs Research, Inc.

Mr. David Boyer
NM Oil Conservation Division

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

RECEIVED

MAY 17 1989
OIL CONSERVATION DIV.
SANTA FE

REPORT OF ANALYSIS

ALR Designation	9649-29859-20-10	9649-29859-20-11	9649-29859-20-12
Sponsor Designation	8903291420	8903301000	8903301355
	3-29-89	3-30-89	3-30-89

Determination: µg/L

Toluene	580
Chlorobenzene	<50
Ethyl benzene	<50
Total Dichlorobenzenes	<50
Total Xylenes	390

Determination: mg/L

Aluminum, total	0.3	--	--
Barium, total	0.09	--	--
Boron, total	0.1	--	--
Cadmium, total	<0.005	--	--
Calcium, total	170	52	--
Chromium, total	0.005	--	--
Cobalt, total	<0.005	--	--
Copper, total	0.041	--	--
Iron, total	0.88	--	--
Magnesium, total	23	48	--
Manganese, total	0.028	--	--
Mercury, total	<0.001*	--	--
Molybdenum, total	0.007	--	--
Nickel, total	0.02	--	--
Potassium, total	50	6.2	--
Silver, total	<0.005	--	--
Sodium, total	1100	2300	--
Strontium, total	0.88	--	--
Zinc, total	0.019	--	--
Total Alkalinity, (as CaCO ₃ to pH 4.5)	110	1600	--

May 9, 1989
Page 12 of 18

Accu-Labs Research, Inc.

Mr. David Boyer
NM Oil Conservation Division

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

RECEIVED

MAY 17 1989

OIL CONSERVATION DIV.
SANTA FE

REPORT OF ANALYSIS

ALR Designation	9649-29859-20-10	9649-29859-20-11	9649-29859-20-12
Sponsor Designation	8903291420	8903301000	8903301355
	3-29-89	3-30-89	3-30-89
Determination: mg/L			
Carbonate (as CO ₃)	<5	31	--
Bicarbonate (as HCO ₃)	130	1900	--
pH	8.3	8.4	--
Specific Conductance, µmhos/cm	5900	12,000	--
Arsenic, total	<0.005	--	--
Lead, total	<0.005	--	--
Selenium, total	<0.005	--	--
Total Solids	3100	5800	--
Bromide	<2*	<200*	--
Chloride	1500	2400	--
Sulfate (as SO ₄)	500	270	--
Ion Balance	108	101	--

Lab
No.

ACCU LABS

77-521.07-123

ORGANIC ANALYSIS REQUEST FORM

REPORT TO: DAVID BOYER
N.M. OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

Sample No. 8903301105
DATE REC. _____
PRIORITY _____
PHONE(S): 827-5812

COLLECTION CITY: Monument; COUNTY: Lea

COLLECTION DATE/TIME CODE: (Year-Month-Day-Hour-Minute) 89103101105

LOCATION CODE: (Township-Range-Section-Tracts) _____ (10N06E24S42)

SUBMITTER: David Boyer

SAMPLE TYPE: WATER ☒, SOIL ☐, FOOD ☐, OTHER: _____

This form accompanies 2 Septum Vials, _____ Glass Jugs, and/or _____

Samples were preserved as follows:

- ☐ NP: No Preservation; Sample stored at room temperature.
☒ P-Ice: Sample stored in an ice bath (Not Frozen).
☐ P-AA: Sample Preserved with Ascorbic Acid to remove chlorine residual.
☒ P-HCl: Sample Preserved with Hydrochloric Acid (2 drops/40 ml)

ANALYSES REQUESTED: Please check the appropriate box(es) below to indicate the type of analytical screens required. Whenever possible list specific compounds suspected or required.

PURGEABLE SCREENS

- ☐ (753) Aliphatic Headspace (1-5 Carbons)
☒ (754) Aromatic & Halogenated Purgeables
☐ (765) Mass Spectrometer Purgeables
☐ (766) Trihalomethanes
☐ (774) SDWA VOC's I (8 Regulated +)
☐ (775) SDWA VOC's II (EDB & DBCP)
Other Specific Compounds or Classes _____

EXTRACTABLE SCREENS

- ☐ (751) Aliphatic Hydrocarbons
☐ (755) Base/Neutral Extractables
☐ (758) Herbicides, Chlorophenoxy acid
☐ (759) Herbicides, Triazines
☐ (760) Organochlorine Pesticides
☐ (761) Organophosphate Pesticides
☐ (767) Polychlorinated Biphenyls (PCB's)
☐ (764) Polynuclear Aromatic Hydrocarbons
☐ (762) SDWA Pesticides & Herbicides

Remarks: _____

FIELD DATA:

pH= 7; Conductivity= 19,500 umho/cm at 18.5° C; Chlorine Residual= _____ mg/l

Dissolved Oxygen= _____ mg/l; Alkalinity= _____ mg/l; Flow Rate= _____ / _____

Depth to water 25.36 ft.; Depth of well 40.4 ft.; Perforation Interval _____ - _____ ft.; Casing: _____

Sampling Location, Methods and Remarks (i.e. odors, etc.) No odor
Road (side) Monitor well - 1 mile south of pavement
on county road, E side of Road. (Originally Chimney Exp.)

I certify that the results in this block accurately reflect the results of my field analyses, observations and preflight activities. (signature collector): David A. Boyer Method of Shipment to the Lab: Express

CHAIN OF CUSTODY

I certify that this sample was transferred from DB to DM
at (location) ALR 11483 W 48TH AVE on 4.5.89 - 12:25 and that
the statements in this block are correct. Evidentiary Seals: Not Sealed ☐ OR Seals Intact: Yes ☒ No ☐

Signatures: David A. Boyer

For OCD use: Date owner notified: 6/19/89 Phone or (Letter) Initials DB

Contract Lab ACC LABS
Contract No. 77-521.07-123

GENERAL WATER CHEMISTRY
and NITROGEN ANALYSIS

DATE RECEIVED <u>8/12/31</u>	LAB NO.	Sample No. <u>8903301105</u>
Collection DATE <u>8/12/31</u>	SITE INFORMATION	Sample location <u>Road (side) Monitor well</u>
Collection TIME <u>1105</u>		Collection site description <u>1 mile S of Parnement on city road west of Warren Plant located on W. side Rd (4" PVC well)</u>
Collected by — Person/Agency <u>Boyer/Anderson /OCD</u>		

SEND
FINAL
REPORT
TO

ENVIRONMENTAL BUREAU
NM OIL CONSERVATION DIVISION
State Land Office Bldg, PO Box 2088
Santa Fe, NM 87504-2088

Attn: David Boyer

Phone: 827-5312

SAMPLING CONDITIONS

<input checked="" type="checkbox"/> Bailed <input type="checkbox"/> Dipped	<input type="checkbox"/> Pump <input type="checkbox"/> Tap	Water level <u>25.36'</u>	Discharge	Sample type <u>Grab</u>
pH (00400) <u>7</u>	Conductivity (Uncorrected) <u>19,500</u> μmho	Water Temp. (00010) <u>18.5</u> $^{\circ}\text{C}$	Conductivity at 25 $^{\circ}\text{C}$ (00094) μmho	
Field comments <u>Bailed 8 bailes with 3" O.D. bailer, 36T long (well was installed as exploratory for Clima chem)</u>				

SAMPLE FIELD TREATMENT — Check proper boxes

No. of samples submitted <u>1</u>	<input checked="" type="checkbox"/> NF: Whole sample (Non-filtered)	<input type="checkbox"/> F: Filtered in field with 0.45 μm membrane filter	<input type="checkbox"/> A: 2 ml H_2SO_4 /L added
<input checked="" type="checkbox"/> NA: No acid added <input type="checkbox"/> Other-specify: <input type="checkbox"/> A: 5ml conc. HNO_3 added <input type="checkbox"/> A: 4ml fuming HNO_3 added			

ANALYTICAL RESULTS from SAMPLES

NA	Units	Date analyzed	From <u>NF</u> , NA Sample:	Date Analyzed
<input checked="" type="checkbox"/> Conductivity (Corrected) 25 $^{\circ}\text{C}$ (00095)	μmho		<input checked="" type="checkbox"/> Calcium	mg/l
<input type="checkbox"/> Total non-filterable residue (suspended) (00530)	mg/l		<input checked="" type="checkbox"/> Potassium	mg/l
<input checked="" type="checkbox"/> Other: <u>Lab pH</u>			<input checked="" type="checkbox"/> Magnesium	mg/l
<input type="checkbox"/> Other:			<input checked="" type="checkbox"/> Sodium	mg/l
<input type="checkbox"/> Other:			<input checked="" type="checkbox"/> Bicarbonate	mg/l
A-H_2SO_4			<input checked="" type="checkbox"/> Chloride	mg/l
<input type="checkbox"/> Nitrate-N +, Nitrate-N total (00630)	mg/l		<input checked="" type="checkbox"/> Sulfate	mg/l
<input type="checkbox"/> Ammonia-N total (00610)	mg/l		<input checked="" type="checkbox"/> Total Solids	mg/l
<input type="checkbox"/> Total Kjeldahl-N ()	mg/l		<input checked="" type="checkbox"/> <u>CO_3</u>	
<input type="checkbox"/> Chemical oxygen demand (00340)	mg/l		<input checked="" type="checkbox"/> <u>B_5</u>	
<input type="checkbox"/> Total organic carbon ()	mg/l		<input checked="" type="checkbox"/> Cation/Anion Balance	
<input type="checkbox"/> Other:			Analyst	Date Reported
<input type="checkbox"/> Other:				Reviewed by
Laboratory remarks				

FOR OCD USE -- Date Owner Notified _____ Phone or Letter? _____ Initials _____

Contract Lab ACCU-LABS
Contract No. 77-571-07-123

HEAVY METAL ANALYSIS FORM

Date Received	Lab No.	Sample No. <u>890330 1105</u>
COLLECTION DATE & TIME: yy mm dd hh mm		COLLECTION SITE DESCRIPTION
COLLECTED BY:		<u>WARREN ROAD</u> <u>MONITOR WALL</u>

TO:

OWNER:

ENVIRONMENTAL BUREAU
NM OIL CONSERVATION DIVISION
State Land Office Bldg., PO Box 2088
SANTA FE, NM 87504-2088

SITE LOCATION:

County:

Township, Range, Section, Tract: (10N06E24342)

ATTN: D. Boyer
TELEPHONE: 827-5812

STATION/ WELL CODE:

LATITUDE, LONGITUDE:

SAMPLING CONDITIONS:

<input checked="" type="checkbox"/> Bailed <input type="checkbox"/> Dipped	<input type="checkbox"/> Pump <input type="checkbox"/> Tap	Water Level:	Discharge:	Sample Type: <u>GRAB</u>
pH(00400)	Conductivity(Uncorr.) <u>umho</u>	Water Temp.(00010) <u>°C</u>	Conductivity at 25°C (00094) <u>umho</u>	

FIELD COMMENTS:

SAMPLE FIELD TREATMENT

Check proper boxes:

<input checked="" type="checkbox"/> WPN: Water Preserved w/HNO ₃ Non-Filtered	<input type="checkbox"/> WPF: Water Preserved w/HNO ₃ Filtered
---	--

LAB ANALYSIS REQUESTED:

☐ ICAP Scan
Mark box next to metal if AA is required.

ANALYTICAL RESULTS (MG/L)

ELEMENT	ICAP VALUE	AA VALUE	ELEMENT	ICAP VALUE	AA VALUE
Aluminum	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Silicon	<input type="checkbox"/>	<input type="checkbox"/>
Barium	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Silver	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Beryllium	<input type="checkbox"/>	<input type="checkbox"/>	Strontium	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Boron	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tin	<input type="checkbox"/>	<input type="checkbox"/>
Cadmium	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vanadium	<input type="checkbox"/>	<input type="checkbox"/>
Calcium	<input type="checkbox"/>	<input type="checkbox"/>	Zinc	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chromium	<input type="checkbox"/>	<input checked="" type="checkbox"/> ICP	Arsenic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cobalt	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Selenium	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Copper	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mercury	<input type="checkbox"/>	<input checked="" type="checkbox"/> ICP
Iron	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Lead	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Magnesium	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Manganese	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Molybdenum	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Nickel	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

LAB COMMENTS:

For OCD Use:

Date Owner Notified:
Phone or Letter?
Initials:

ICAP Analyst _____ Reviewer _____
Date Analyzed _____ Date Reveived _____



Accu-Labs Research, Inc.

11485 W. 48th Avenue Wheat Ridge, Colorado 80033 (303) 423-2766

May 9, 1989
Page 1 of 18

Mr. David Boyer
NM Oil Conservation Division
State Land Office Bldg.
P.O. Box 2088
Santa Fe, NM 87504-2088

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

RECEIVED
MAY 17 1989
OIL CONSERVATION DIV.
SANTA FE

REPORT OF ANALYSIS

ALR Designation	9649-29859-20-1	9649-29859-20-2	9649-29859-20-3
Sponsor Designation	8903301105	8903291000	8903291400
	3-30-89	3-29-89	3-29-89

GC/MS VOLATILE ORGANICS, µg/L:

Chloromethane	<10	<10	<100
Bromomethane	<10	<10	<100
Vinyl chloride	<10	<10	<100
Chloroethane	<10	<10	<100
Methylene chloride	<5	<5	<50
1,1-Dichloroethene	<5	<5	<50
1,1-Dichloroethane	<5	<5	<50
Total 1,2-Dichloroethene	<5	<5	<50
Chloroform	<5	<5	<50
1,2-Dichloroethane	<5	<5	<50
1,1,1-Trichloroethane	<5	<5	<50
Carbon tetrachloride	<5	<5	<50
Bromodichloromethane	<5	<5	<50
1,2-Dichloropropane	<5	<5	<50
c-1,3-Dichloropropene	<5	<5	<50
Trichloroethene	<5	<5	<50
Benzene	<5	<5	2200
Dibromochloromethane	<5	<5	<50
1,1,2-Trichloroethane	<5	<5	<50
t-1,3-Dichloropropene	<5	<5	<50
2-Chloroethylvinyl ether	<5	<5	<50
Bromoform	<5	<5	<50
1,1,2,2-Tetrachloroethane	<5	<5	<50
Tetrachloroethene	<5	<5	<50

May 9, 1989
Page 2 of 18

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MAY 17 1989

OIL CONSERVATION DIV.
SANTA FE

Mr. David Boyer
NM Oil Conservation Division

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

REPORT OF ANALYSIS

ALR Designation	9649-29859-20-1	9649-29859-20-2	9649-29859-20-3
Sponsor Designation	8903301105	8903291000	8903291400
	3-30-89	3-29-89	3-29-89

Determination: µg/L

Toluene	<5	<5	2000
Chlorobenzene	<5	<5	<50
Ethyl benzene	<5	<5	500
Total Dichlorobenzenes	<5	<5	<50
Total Xylenes	<5	<5	1300

Determination: mg/L

Aluminum, total	0.9	<1*	0.3
Barium, total	0.12	2.9	0.31
Boron, total	0.7	110	2.7
Cadmium, total	<0.005	<0.05*	<0.005
Calcium, total	2600	15,000	900
Chromium, total	<0.005	<0.05*	0.043
Cobalt, total	<0.005	<0.05*	<0.005
Copper, total	0.026	<0.05*	0.076
Iron, total	0.96	5.1	44
Magnesium, total	610	8900	230
Manganese, total	0.16	19	0.54
Mercury, total	0.002	<0.002*	0.006
Molybdenum, total	<0.005	<0.05*	0.007
Nickel, total	<0.01	<0.1*	0.05
Potassium, total	35	3900	110
Silver, total	<0.005	<0.005	<0.005
Sodium, total	6500	81,000	4300
Strontium, total	30	350	45
Zinc, total	0.026	0.06	0.16
Total Alkalinity, (as CaCO ₃ to pH 4.5)	290	220	350

May 9, 1989
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Accu-Labs Research, Inc.

Mr. David Boyer
NM Oil Conservation Division

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

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MAY 17 1989

OIL CONSERVATION DIV.
SANTA FE

REPORT OF ANALYSIS

ALR Designation	9649-29859-20-1	9649-29859-20-2	9649-29859-20-3
Sponsor Designation	8903301105	8903291000	8903291400
	3-30-89	3-29-89	3-29-89
Determination: mg/L			
Carbonate (as CO ₃)	<5	<5	37
Bicarbonate (as HCO ₃)	350	270	350
pH	7.0	6.9	8.6
Specific Conductance, µmhos/cm	47,000	600,000	28,000
Arsenic, total	0.005	0.60	0.032
Lead, total	0.023	0.084	0.017
Selenium, total	<0.005	<0.25*	0.017
Total Solids	29,000	350,000	16,000
Bromide	16	830	<40*
Chloride	15,000	190,000	8100
Sulfate (as SO ₄)	1600	2300	890
Ion Balance	100	94	99

Lab
No:

ACCU LABS
77-521.07-123

ORGANIC ANALYSIS REQUEST FORM

REPORT TO: DAVID BOYER
N.M. OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

Sample No. 8903301000
DATE REC.
PRIORITY
PHONE(S): 827-5812

COLLECTION CITY: Monument; COUNTY: Lea

COLLECTION DATE/TIME CODE: (Year-Month-Day-Hour-Minute) 8/9/89 03:30:00

LOCATION CODE: (Township-Range-Section-Tracts) (10N06E24S42)

SUBMITTER: David Boyer

SAMPLE TYPE: WATER ☐, SOIL ☐, FOOD ☐, OTHER: Product (Hydrocarbon)

This form accompanies 2 Septum Vials, Glass Jugs, and/or

Samples were preserved as follows:

- ☐ NP: No Preservation; Sample stored at room temperature.
☒ P-Ice: Sample stored in an ice bath (Not Frozen).
☐ P-AA: Sample Preserved with Ascorbic Acid to remove chlorine residual.
☐ P-HCl: Sample Preserved with Hydrochloric Acid (2 drops/40 ml)

ANALYSES REQUESTED: Please check the appropriate box(es) below to indicate the type of analytical screens required. Whenever possible list specific compounds suspected or required.

PURGEABLE SCREENS

- ☐ (753) Aliphatic Headspace (1-5 Carbons)
☐ (754) Aromatic & Halogenated Purgeables
☐ (765) Mass Spectrometer Purgeables
☐ (766) Trihalomethanes
☐ (774) SDWA VOC's I (8 Regulated +)
☐ (775) SDWA VOC's II (EDB & DBCP)

Other Specific Compounds or Classes

☒ Screen sent as to
☐ type of product

EXTRACTABLE SCREENS

- ☐ (751) Aliphatic Hydrocarbons
☐ (755) Base/Neutral Extractables
☐ (758) Herbicides, Chlorophenoxy acid
☐ (759) Herbicides, Triazines
☐ (760) Organochlorine Pesticides
☐ (761) Organophosphate Pesticides
☐ (767) Polychlorinated Biphenyls (PCB's)
☐ (764) Polynuclear Aromatic Hydrocarbons
☐ (762) SDWA Pesticides & Herbicides

Remarks: Fingerprint for product type
Product on water table (was clear AMBER LIQUID when

FIELD DATA:

pH=; Conductivity= umho/cm at °C; Chlorine Residual= mg/l

Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate=

Depth to water ~25 ft.; Depth of well 40.4 ft.; Perforation Interval ft.; Casing:

Sampling Location, Methods and Remarks (i.e. odors, etc.)

Warren Monument S.E. Mon. Well on Road to
EPNG, ~100' N of cattle guard

I certify that the results in this block accurately reflect the results of my field analyses, observations and activities. (signature collector): David H. Boyer Method of Shipment to the Lab: Express

CHAIN OF CUSTODY

I certify that this sample was transferred from DB to DM
at (location) ALR on 4/5/89 - 12:25 and that

the statements in this block are correct. Evidentiary Seals: Not Sealed ☐ OR Seals Intact: Yes ☒ No ☐

Signatures: [Signature]

For OCD use: Date owner notified: 6/19/89 Phone or Letter? Initials [Signature]

May 9, 1989
Page 17 of 18

Accu-Labs Research, Inc.

Mr. David Boyer
NM Oil Conservation Division

RECEIVED

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

MAY 17 1989

OIL CONSERVATION DIV.
SANTA FE

REPORT OF ANALYSIS

ALR Designation
Sponsor Designation

9649-29859-20-19
8903301000
3-30-89

9649-29859-20-20
8904032105
Trip Blank
4-3-89

GC/MS VOLATILE ORGANICS, µg/L:

Chloromethane	Not Analyzed	<10
Bromomethane		<10
Vinyl chloride		<10
Chloroethane		<10
Methylene chloride		<5
1,1-Dichloroethene		<5
1,1-Dichloroethane		<5
Total 1,2-Dichloroethene		<5
Chloroform		<5
1,2-Dichloroethane		<5
1,1,1-Trichloroethane		<5
Carbon tetrachloride		<5
Bromodichloromethane		<5
1,2-Dichloropropane		<5
c-1,3-Dichloropropene		<5
Trichloroethene		<5
Benzene		<5
Dibromochloromethane		<5
1,1,2-Trichloroethane		<5
t-1,3-Dichloropropene		<5
2-Chloroethylvinyl ether		<5
Bromoform		<5
1,1,2,2-Tetrachloroethane		<5
Tetrachloroethene		<5

May 9, 1989
Page 18 of 18

Accu-Labs Research, Inc.

Mr. David Boyer
NM Oil Conservation Division

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

REPORT OF ANALYSIS

ALR Designation
Sponsor Designation

9649-29859-20-19
8903301000
3-30-89

9649-29859-20-20
8904032105
Trip Blank
4-3-89

Determination: $\mu\text{g/L}$

Toluene	<5
Chlorobenzene	<5
Ethyl benzene	<5
Total Dichlorobenzenes	<5
Total Xylenes	<5

Determination: %

C7	27
C8	9.9
C9	8.5
C10	6.9
C11	5.2
C12	11
C13	16
C14	9.1
C15	3.5
C16	1.2
C17	0.9
C18	0.2
C19	0.3

RECEIVED

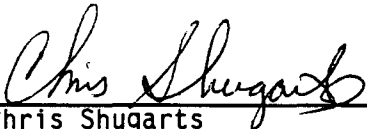
MAY 17 1989


OIL CONSERVATION DIV.
SANTA FE

* Higher detection limit due to sample viscosity.

These samples are scheduled to be discarded 30 days after the date of this report.

CS/MF/dh


Chris Shugarts
Organics Chemistry
Supervisor


Mary Fabisiak
Water Laboratory
Supervisor

Contract Lab Accu-LAB
Contract No. 77-521.07-123

GENERAL WATER CHEMISTRY
and NITROGEN ANALYSIS

DATE RECEIVED 89103130	LAB NO.	Sample No. <u>8903301000</u>
Collection DATE 89103130	SITE INFORMATION	Sample location <u>Warren Monument - S.E. Mon Well</u>
Collection TIME 1000		Collection site description <u>4" PVC well on W. side of road to EPNG Monument 100' N of cattle guard</u>
Collected by - Person/Agency <u>Boyer/Anderson</u> <u>OCD</u>		

SEND
FINAL
REPORT
TO

ENVIRONMENTAL BUREAU
NM OIL CONSERVATION DIVISION
State Land Office Bldg, PO Box 2088
Santa Fe, NM 87504-2088

Attn: David Boyer

Phone: 827-5312

SAMPLING CONDITIONS

<input checked="" type="checkbox"/> Bailed <input type="checkbox"/> Dipped	<input type="checkbox"/> Pump <input type="checkbox"/> Tap	Water level <u>25.2 to product</u>	Discharge	Sample type <u>Grab</u>
pH (00400)	Conductivity (Uncorrected) <u> </u> μ mho	Water Temp. (00010) <u> </u> °C	Conductivity at 25°C (00094) <u> </u> μ mho	
Field comments <u>5-6" light weight product on water</u>				

SAMPLE FIELD TREATMENT — Check proper boxes

No. of samples submitted <u>1</u>	<input checked="" type="checkbox"/> NF: Whole sample (Non-filtered)	<input type="checkbox"/> F: Filtered in field with 0.45 μ m membrane filter	<input type="checkbox"/> A: 2 ml H ₂ SO ₄ /L added
<input checked="" type="checkbox"/> NA: No acid added		<input type="checkbox"/> Other-specify:	<input type="checkbox"/> A: 5ml conc. HNO ₃ added <input type="checkbox"/> A: 4ml fuming HNO ₃ added

ANALYTICAL RESULTS from SAMPLES

NA	Units	Date analyzed	From <u>WF</u> , NA Sample:	Date Analyzed
<input checked="" type="checkbox"/> Conductivity (Corrected) 25°C (00095)	μ mho		<input checked="" type="checkbox"/> Calcium	mg/l
<input type="checkbox"/> Total non-filterable residue (suspended) (00530)	mg/l		<input checked="" type="checkbox"/> Potassium	mg/l
<input checked="" type="checkbox"/> Other: <u>Lab pH</u>			<input checked="" type="checkbox"/> Magnesium	mg/l
<input type="checkbox"/> Other:			<input checked="" type="checkbox"/> Sodium	mg/l
<input type="checkbox"/> Other:			<input checked="" type="checkbox"/> Bicarbonate	mg/l
A-H₂SO₄			<input checked="" type="checkbox"/> Chloride	mg/l
<input type="checkbox"/> Nitrate-N +, Nitrate-N total (00630)	mg/l		<input checked="" type="checkbox"/> Sulfate	mg/l
<input type="checkbox"/> Ammonia-N total (00610)	mg/l		<input checked="" type="checkbox"/> Total Solids	mg/l
<input type="checkbox"/> Total Kjeldahl-N ()	mg/l		<input checked="" type="checkbox"/> <u>CO₃</u>	
<input type="checkbox"/> Chemical oxygen demand (00340)	mg/l		<input type="checkbox"/> <u>Br</u>	
<input type="checkbox"/> Total organic carbon ()	mg/l		<input checked="" type="checkbox"/> Cation/Anion Balance	
<input type="checkbox"/> Other:			Analyst	Date Reported
<input type="checkbox"/> Other:				Reviewed by
Laboratory remarks				

FOR OCD USE -- Date Owner Notified _____ Phone or Letter? _____ Initials _____

May 9, 1989
Page 10 of 18

Accu-Labs Research, Inc.

RECEIVED

Mr. David Boyer
NM Oil Conservation Division

MAY 17 1989

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

OIL CONSERVATION DIV.
SANTA FE

REPORT OF ANALYSIS

ALR Designation	9649-29859-20-10	9649-29859-20-11	9649-29859-20-12
Sponsor Designation	8903291420	8903301000	8903301355
	3-29-89	3-30-89	3-30-89

GC/MS VOLATILE ORGANICS, µg/L:

Chloromethane	Not Analyzed	Not Analyzed	<100
Bromomethane			<100
Vinyl chloride			<100
Chloroethane			<100
Methylene chloride			<50
1,1-Dichloroethene			<50
1,1-Dichloroethane			<50
Total 1,2-Dichloroethene			<50
Chloroform			<50
1,2-Dichloroethane			<50
1,1,1-Trichloroethane			<50
Carbon tetrachloride			<50
Bromodichloromethane			<50
1,2-Dichloropropane			<50
c-1,3-Dichloropropene			<50
Trichloroethene			<50
Benzene			380
Dibromochloromethane			<50
1,1,2-Trichloroethane			<50
t-1,3-Dichloropropene			<50
2-Chloroethylvinyl ether			<50
Bromoform			<50
1,1,2,2-Tetrachloroethane			<50
Tetrachloroethene			<50

May 9, 1989
Page 11 of 18

Accu-Labs Research, Inc.

Mr. David Boyer
NM Oil Conservation Division

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

RECEIVED

MAY 17 1989
OIL CONSERVATION DIV.
SANTA FE

REPORT OF ANALYSIS

ALR Designation	9649-29859-20-10	9649-29859-20-11	9649-29859-20-12
Sponsor Designation	8903291420	8903301000	8903301355
	3-29-89	3-30-89	3-30-89

Determination: µg/L

Toluene	580
Chlorobenzene	<50
Ethyl benzene	<50
Total Dichlorobenzenes	<50
Total Xylenes	390

Determination: mg/L

Aluminum, total	0.3	--	--
Barium, total	0.09	--	--
Boron, total	0.1	--	--
Cadmium, total	<0.005	--	--
Calcium, total	170	52	--
Chromium, total	0.005	--	--
Cobalt, total	<0.005	--	--
Copper, total	0.041	--	--
Iron, total	0.88	--	--
Magnesium, total	23	48	--
Manganese, total	0.028	--	--
Mercury, total	<0.001*	--	--
Molybdenum, total	0.007	--	--
Nickel, total	0.02	--	--
Potassium, total	50	6.2	--
Silver, total	<0.005	--	--
Sodium, total	1100	2300	--
Strontium, total	0.88	--	--
Zinc, total	0.019	--	--
Total Alkalinity, (as CaCO ₃ to pH 4.5)	110	1600	--

May 9, 1989
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Accu-Labs Research, Inc.

Mr. David Boyer
NM Oil Conservation Division

RECEIVED

MAY 17 1989

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

OIL CONSERVATION DIV.
SANTA FE

REPORT OF ANALYSIS

ALR Designation	9649-29859-20-10	9649-29859-20-11	9649-29859-20-12
Sponsor Designation	8903291420	8903301000	8903301355
	3-29-89	3-30-89	3-30-89
Determination: mg/L			
Carbonate (as CO ₃)	<5	31	--
Bicarbonate (as HCO ₃)	130	1900	--
pH	8.3	8.4	--
Specific Conductance, µmhos/cm	5900	12,000	--
Arsenic, total	<0.005	--	--
Lead, total	<0.005	--	--
Selenium, total	<0.005	--	--
Total Solids	3100	5800	--
Bromide	<2*	<200*	--
Chloride	1500	2400	--
Sulfate (as SO ₄)	500	270	--
Ion Balance	108	101	--

Lab
No.

ACCU-LA135

77-521.07-123

ORGANIC ANALYSIS REQUEST FORM

REPORT TO: DAVID BOYER

N.M. OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, NM 87504-2088

Sample No. 8903291345

DATE REC.

PRIORITY

PHONE(S): 827-5812

COLLECTION CITY: Monument

COUNTY: Lea

COLLECTION DATE/TIME CODE: (Year-Month-Day-Hour-Minute) 8/9/03 12:11:34

LOCATION CODE: (Township-Range-Section-Tracts) (10N06E24S42)

SUBMITTER: David Boyer

SAMPLE TYPE: WATER ☒ SOIL ☐ FOOD ☐ OTHER:

This form accompanies 2 Septum Vials, Glass Jugs, and/or

Samples were preserved as follows:

- ☐ NP: No Preservation; Sample stored at room temperature.
☒ P-Ice: Sample stored in an ice bath (Not Frozen).
☐ P-AA: Sample Preserved with Ascorbic Acid to remove chlorine residual.
☒ P-HCl: Sample Preserved with Hydrochloric Acid (2 drops/40 ml)

ANALYSES REQUESTED: Please check the appropriate box(es) below to indicate the type of analytical screens required. Whenever possible list specific compounds suspected or required.

PURGEABLE SCREENS

- ☐ (753) Aliphatic Headspace (1-5 Carbons)
☒ (754) Aromatic & Halogenated Purgeables
☐ (765) Mass Spectrometer Purgeables
☐ (766) Trihalomethanes
☐ (774) SDWA VOC's I (8 Regulated +)
☐ (775) SDWA VOC's II (EDB & DBCP)
Other Specific Compounds or Classes

EXTRACTABLE SCREENS

- ☐ (781) Aliphatic Hydrocarbons
☐ (788) Base/Neutral Extractables
☐ (788) Herbicides, Chlorophenoxy acid
☐ (789) Herbicides, Triazines
☐ (760) Organochlorine Pesticides
☐ (761) Organophosphate Pesticides
☐ (767) Polychlorinated Biphenyls (PCB's)
☐ (764) Polynuclear Aromatic Hydrocarbons
☐ (762) SDWA Pesticides & Herbicides

Remarks:

FIELD DATA:

pH= 7.88; Conductivity= 3200 umho/cm at 23 °C; Chlorine Residual= mg/l

Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate=

Depth to water ft.; Depth of well ft.; Perforation Interval - ft.; Casing:

Sampling Location, Methods and Remarks (i.e. odors, etc.)

Warren Monument Plant - Cooling Tower Sample
From ~~plant~~ line in testing house

I certify that the results in this block accurately reflect the results of my field analyses, observations and ~~field~~ activities. (signature collector): David H. Boyer Method of Shipment to the Lab: Express

CHAIN OF CUSTODY

I certify that this sample was transferred from

at (location)

the statements in this block are correct. Evidentiary Seals: Not Sealed ☐ OR Seals Intact: Yes ☒ No ☐

Signatures

For OCD use: Date owner notified: 6/19/07 Phone or (Letter) Initials

Contract Lab ACCU-LABS
Contract No. 77-521.07-123

GENERAL WATER CHEMISTRY
and NITROGEN ANALYSIS

DATE RECEIVED	LAB NO.	Sample No. <u>8903291345</u>
Collection DATE <u>8/10/3/29</u>	SITE INFORMATION	Sample location <u>Warren Monument</u>
Collection TIME <u>1345</u>		Collection site description <u>Cooling tower sample</u> <u>(from line in testing house)</u>
Collected by - Person/Agency <u>Boyer / Anderson / OCD</u>		

SEND
FINAL
REPORT
TO

ENVIRONMENTAL BUREAU
NM OIL CONSERVATION DIVISION
State Land Office Bldg, PO Box 2088
Santa Fe, NM 87504-2088

Attn: David Boyer

Phone: 827-5312

SAMPLING CONDITIONS

<input type="checkbox"/> Bailed <input type="checkbox"/> Dipped	<input type="checkbox"/> Pump <input checked="" type="checkbox"/> Tap	Water level	Discharge	Sample type <u>Grab</u>
pH (00400) <u>7.88</u>	Conductivity (Uncorrected) <u>3200</u> μ mho	Water Temp. (00010) <u>23</u> °C	Conductivity at 25°C (00094) <u> </u> μ mho	
Field comments				

SAMPLE FIELD TREATMENT — Check proper boxes

No. of samples submitted <u>1</u>	<input checked="" type="checkbox"/> NF: Whole sample (Non-filtered)	<input type="checkbox"/> F: Filtered in field with 0.45 μ m membrane filter	<input type="checkbox"/> A: 2 ml H ₂ SO ₄ /L added
<input checked="" type="checkbox"/> NA: No acid added <input type="checkbox"/> Other-specify: <input type="checkbox"/> A: 5ml conc. HNO ₃ added <input type="checkbox"/> A: 4ml fuming HNO ₃ added			

ANALYTICAL RESULTS from SAMPLES

NA	Units	Date Analyzed	From <u>NE</u> , NA Sample:	Date Analyzed
<input checked="" type="checkbox"/> Conductivity (Corrected) 25°C (00095)	μ mho		<input checked="" type="checkbox"/> Calcium	mg/l
<input type="checkbox"/> Total non-filterable residue (suspended) (00530)	mg/l		<input checked="" type="checkbox"/> Potassium	mg/l
<input checked="" type="checkbox"/> Other: <u>lab pH</u>			<input checked="" type="checkbox"/> Magnesium	mg/l
<input type="checkbox"/> Other:			<input checked="" type="checkbox"/> Sodium	mg/l
<input type="checkbox"/> Other:			<input checked="" type="checkbox"/> Bicarbonate	mg/l
A-H₂SO₄			<input checked="" type="checkbox"/> Chloride	mg/l
<input type="checkbox"/> Nitrate-N +, Nitrate-N total (00630)	mg/l		<input checked="" type="checkbox"/> Sulfate	mg/l
<input type="checkbox"/> Ammonia-N total (00610)	mg/l		<input checked="" type="checkbox"/> Total Solids	mg/l
<input type="checkbox"/> Total Kjeldahl-N ()	mg/l		<input checked="" type="checkbox"/> <u>CO₂</u>	
<input type="checkbox"/> Chemical oxygen demand (00340)	mg/l		<input checked="" type="checkbox"/> <u>B₅</u>	
<input type="checkbox"/> Total organic carbon ()	mg/l		<input checked="" type="checkbox"/> Cation/Anion Balance	
<input type="checkbox"/> Other:			Analyst	Date Reported
<input type="checkbox"/> Other:				Reviewed by
Laboratory remarks				

FOR OCD USE -- Date Owner Notified _____ Phone or Letter? _____ Initials _____

Contract Lab ACCU-LABS
Contract No. 77-52.07-123

HEAVY METAL ANALYSIS FORM

Date Received	Lab No.	Sample No. <u>8903291345</u>
COLLECTION DATE & TIME: <u>09/03/79</u> <u>1345</u>		COLLECTION SITE DESCRIPTION <u>Warren Monument</u>
COLLECTED BY: <u>Boyer/Anderson OCS</u>		<u>Cooling Tower-Sample</u> <u>from line in test phase</u>
TO:		OWNER:

ENVIRONMENTAL BUREAU
NM OIL CONSERVATION DIVISION
State Land Office Bldg., PO Box 2088
SANTA FE, NM 87504-2088

SITE LOCATION:
County: Lea

Township, Range, Section, Tract: (10N06E24S42)

ATTN: D. Boyer
TELEPHONE: 827-5812

STATION/ WELL CODE:

LATITUDE, LONGITUDE: -

SAMPLING CONDITIONS:

<input type="checkbox"/> Bailed	<input type="checkbox"/> Pump	Water Level:	Discharge:	Sample Type: <u>Grab</u>
<input type="checkbox"/> Dipped	<input checked="" type="checkbox"/> Tap			
pH(00400) <u>7.88</u>	Conductivity(Uncorr.) <u>3200</u> μmho	Water Temp.(00010) <u>23</u> °C	Conductivity at 25°C (00094) <u> </u> μmho	

FIELD COMMENTS:

SAMPLE FIELD TREATMENT

Check proper boxes:

<input checked="" type="checkbox"/> WPN: Water Preserved w/HNO ₃ Non-Filtered	<input type="checkbox"/> WPF: Water Preserved w/HNO ₃ Filtered
--	---

LAB ANALYSIS REQUESTED:

☐ ICAP Scan
Mark box next to metal if AA is required.

ANALYTICAL RESULTS (MG/L)

ELEMENT	ICAP VALUE	AA VALUE	ELEMENT	ICAP VALUE	AA VALUE
Aluminum	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Silicon	<input type="checkbox"/>	<input type="checkbox"/>
Barium	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Silver	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Beryllium	<input type="checkbox"/>	<input type="checkbox"/>	Strontium	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Boron	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tin	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cadmium	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vanadium	<input type="checkbox"/>	<input type="checkbox"/>
Calcium	<input type="checkbox"/>	<input type="checkbox"/>	Zinc	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chromium	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Arsenic	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cobalt	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Selenium	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Copper	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mercury	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Iron	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Lead	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Magnesium	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Manganese	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Molybdenum	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Nickel	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

LAB COMMENTS:

For OCD Use:

Date Owner Notified:
Phone or Letter?
Initials:

ICAP Analyst Reviewer
Date Analyzed Date Reveived

May 9, 1989
Page 7 of 18

Accu-Labs Research, Inc.

Mr. David Boyer
NM Oil Conservation Division

RECEIVED

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

MAY 17 1989
OIL CONSERVATION DIV.
SANTA FE

REPORT OF ANALYSIS

ALR Designation	9649-29859-20-7	9649-29859-20-8	9649-29859-20-9
Sponsor Designation	8903291645	8903291345	8903291210
	<u>3-29-89</u>	<u>3-29-89</u>	<u>3-29-89</u>

GC/MS VOLATILE ORGANICS, µg/L:

Chloromethane	<10	<10	<100
Bromomethane	<10	<10	<100
Vinyl chloride	<10	<10	<100
Chloroethane	<10	<10	<100
Methylene chloride	<5	<5	<50
1,1-Dichloroethene	<5	<5	<50
1,1-Dichloroethane	<5	<5	<50
Total 1,2-Dichloroethene	<5	<5	<50
Chloroform	<5	<5	<50
1,2-Dichloroethane	<5	<5	<50
1,1,1-Trichloroethane	<5	<5	<50
Carbon tetrachloride	<5	<5	<50
Bromodichloromethane	<5	<5	<50
1,2-Dichloropropane	<5	<5	<50
c-1,3-Dichloropropene	<5	<5	<50
Trichloroethene	<5	<5	<50
Benzene	13	<5	3400
Dibromochloromethane	<5	<5	<50
1,1,2-Trichloroethane	<5	<5	<50
t-1,3-Dichloropropene	<5	<5	<50
2-Chloroethylvinyl ether	<5	<5	<50
Bromoform	<5	<5	<50
1,1,2,2-Tetrachloroethane	<5	<5	<50
Tetrachloroethene	<5	<5	<50

May 9, 1989
Page 8 of 18

Accu-Labs Research, Inc.

Mr. David Boyer
NM Oil Conservation Division

RECEIVED

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

MAY 17 1989
OIL CONSERVATION DIV.
SANTA FE

REPORT OF ANALYSIS

ALR Designation	9649-29859-20-7	9649-29859-20-8	9649-29859-20-9
Sponsor Designation	8903291645	8903291345	8903291210
	3-29-89	3-29-89	3-29-89

Determination: µg/L

Toluene	<5	<5	3500
Chlorobenzene	<5	<5	<50
Ethyl benzene	<5	<5	670
Total Dichlorobenzenes	<5	<5	<50
Total Xylenes	<5	<5	1400

Determination: mg/L

Aluminum, total	<0.1	0.1	<1*
Barium, total	0.10	0.27	0.9
Boron, total	0.2	0.7	9.3
Cadmium, total	<0.005	<0.005	<0.05*
Calcium, total	160	570	3500
Chromium, total	<0.005	0.008	<0.05*
Cobalt, total	<0.005	<0.005	<0.05*
Copper, total	0.048	0.070	<0.05*
Iron, total	1.7	1.6	2.5
Magnesium, total	24	72	980
Manganese, total	0.069	0.027	1.1
Mercury, total	0.0007	<0.001*	0.002
Molybdenum, total	<0.005	0.011	<0.05*
Nickel, total	<0.01	0.01	<0.1*
Potassium, total	4.3	26	570
Silver, total	<0.005	<0.005	<0.005
Sodium, total	120	280	19,000
Strontium, total	1.0	4.6	65
Zinc, total	0.022	0.024	<0.05
Total Alkalinity, (as CaCO ₃ to pH 4.5)	280	110	1600

May 9, 1989
Page 9 of 18

Accu-Labs Research, Inc.

Mr. David Boyer
NM Oil Conservation Division

RECEIVED

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

MAY 17 1989
OIL CONSERVATION DIV.
SANTA FE

REPORT OF ANALYSIS

	9649-29859-20-7	9649-29859-20-8	9649-29859-20-9
ALR Designation	8903291645	8903291345	8903291210
Sponsor Designation	3-29-89	3-29-89	3-29-89
Determination: mg/L			
Carbonate (as CO ₃)	<5	<5	<5
Bicarbonate (as HCO ₃)	330	140	1900
pH	7.5	7.2	7.3
Specific Conductance, µmhos/cm	1600	5400	120,000
Arsenic, total	0.008	0.015	0.72
Lead, total	<0.005	<0.005	<0.005
Selenium, total	<0.005	0.006	<0.005
Total Solids	930	3300	65,000
Bromide	--	11	<200*
Fluoride	1.4	--	--
Chloride	260	630	37,000
Sulfate (as SO ₄)	110	1400	1300
Ion Balance	101	95	99

Lab
No.

ACCU-LABS

27-52107-123

ORGANIC ANALYSIS REQUEST FORM

REPORT TO: DAVID BOYER
N.M. OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

Sample No. 8903291400
DATE REC. _____
PRIORITY _____
PHONE(S): 827-5812

COLLECTION CITY: Monument; COUNTY: Lea

COLLECTION DATE/TIME CODE: (Year-Month-Day-Hour-Minute) 81910312191141010

LOCATION CODE: (Township-Range-Section-Tracts) 1 1 + 1 + 1 + 1 + 1 (10N06E24342)

SUBMITTER: David Boyer

SAMPLE TYPE: WATER ☒, SOIL ☐, FOOD ☐, OTHER: _____

This form accompanies 2 Septum Vials, _____ Glass Jugs, and/or _____

Samples were preserved as follows:

- ☐ NP: No Preservation; Sample stored at room temperature.
☒ P-Ice: Sample stored in an ice bath (Not Frozen).
☐ P-AA: Sample Preserved with Ascorbic Acid to remove chlorine residual.
☒ P-HCl: Sample Preserved with Hydrochloric Acid (2 drops/40 ml)

ANALYSES REQUESTED: Please check the appropriate box(es) below to indicate the type of analytical screens required. Whenever possible list specific compounds suspected or required.

PURGEABLE SCREENS

- ☐ (753) Aliphatic Headspace (1-5 Carbons)
☒ (754) Aromatic & Halogenated Purgeables
☐ (755) Mass Spectrometer Purgeables
☐ (756) Trihalomethanes
☐ (774) SDWA VOC's I (8 Regulated +)
☐ (775) SDWA VOC's II (EDB & DBCP)
Other Specific Compounds or Classes _____

EXTRACTABLE SCREENS

- ☐ (751) Aliphatic Hydrocarbons
☐ (755) Base/Neutral Extractables
☐ (758) Herbicides, Chlorophenoxy acid
☐ (759) Herbicides, Triazines
☐ (760) Organochlorine Pesticides
☐ (761) Organophosphate Pesticides
☐ (767) Polychlorinated Biphenyls (PCB's)
☐ (764) Polynuclear Aromatic Hydrocarbons
☐ (762) SDWA Pesticides & Herbicides

Remarks: _____

FIELD DATA:

pH= 9.5; Conductivity= 18,000 umho/cm at 29 °C; Chlorine Residual= _____ mg/l

Dissolved Oxygen= _____ mg/l; Alkalinity= _____ mg/l; Flow Rate= _____ / _____

Depth to water _____ ft.; Depth of well _____ ft.; Perforation Interval _____ - _____ ft.; Casing: _____

Sampling Location, Methods and Remarks (i.e. odors, etc.)

Warren Monument - Final Effluent To Rice Injection
line (oil field wastewater disposal)

I certify that the results in this block accurately reflect the results of my field analyses, observations and activities. (signature collector): David L. Boyer Method of Shipment to the Lab: Freight
Express

CHAIN OF CUSTODY

I certify that this sample was transferred from DB to LOM
at (location) ALR on 4.5.89 12:25 and that
the statements in this block are correct. Evidentiary Seals: Not Sealed ☐ OR Seals Intact: Yes ☒ No ☐
Signatures: David L. Boyer

For OCD use: Date owner notified: 4/19/89 Phone or Letter? Initials: DB

Contract Lab ACCU LABS
Contract No. 72-521.07-123

GENERAL WATER CHEMISTRY
and NITROGEN ANALYSIS

DATE RECEIVED	LAB NO.	Sample No. <u>8803291400</u>
Collection DATE <u>8/10/29</u>	SITE INFORMATION	Sample location <u>Warren Monument</u>
Collection TIME <u>1400</u>		Collection site description <u>Final Effluent To Rice Injection Line</u>
Collected by Person/Agency <u>Boyer/Anderson /OCD</u>		

SEND
FINAL
REPORT
TO

ENVIRONMENTAL BUREAU
NM OIL CONSERVATION DIVISION
State Land Office Bldg, PO Box 2088
Santa Fe, NM 87504-2088

Attn: David Boyer

Phone: 827-5312

SAMPLING CONDITIONS

<input type="checkbox"/> Bailed <input type="checkbox"/> Dipped	<input type="checkbox"/> Pump <input checked="" type="checkbox"/> Tap	Water level	Discharge	Sample type <u>Grab</u>
pH (00400) <u>9.5</u>	Conductivity (Uncorrected) <u>18,000</u> μ mho	Water Temp. (00010) <u>29</u> °C	Conductivity at 25°C (00094) <u> </u> μ mho	
Field comments <u>oil field wastewaters sample from injection line tap</u>				

SAMPLE FIELD TREATMENT — Check proper boxes

No. of samples submitted <u>1</u>	<input checked="" type="checkbox"/> NF: Whole sample (Non-filtered)	<input type="checkbox"/> F: Filtered in field with 0.45 μ m membrane filter	<input type="checkbox"/> A: 2 ml H ₂ SO ₄ /L added
<input checked="" type="checkbox"/> NA: No acid added	<input type="checkbox"/> Other-specify:	<input type="checkbox"/> A: 5ml conc. HNO ₃ added	<input type="checkbox"/> A: 4ml fuming HNO ₃ added

ANALYTICAL RESULTS from SAMPLES

NA	Units	Date analyzed	From <u>WF</u> , NA Sample:	Date Analyzed
<input checked="" type="checkbox"/> Conductivity (Corrected) 25°C (00095)	μ mho		<input checked="" type="checkbox"/> Calcium	mg/l
<input type="checkbox"/> Total non-filterable residue (suspended) (00530)	mg/l		<input checked="" type="checkbox"/> Potassium	mg/l
<input checked="" type="checkbox"/> Other: <u>Lab pH</u>			<input checked="" type="checkbox"/> Magnesium	mg/l
<input type="checkbox"/> Other:			<input checked="" type="checkbox"/> Sodium	mg/l
<input type="checkbox"/> Other:			<input checked="" type="checkbox"/> Bicarbonate	mg/l
A-H₂SO₄			<input checked="" type="checkbox"/> Chloride	mg/l
<input type="checkbox"/> Nitrate-N +, Nitrate-N total (00630)	mg/l		<input checked="" type="checkbox"/> Sulfate	mg/l
<input type="checkbox"/> Ammonia-N total (00610)	mg/l		<input checked="" type="checkbox"/> Total Solids	mg/l
<input type="checkbox"/> Total Kjeldahl-N ()	mg/l		<input checked="" type="checkbox"/> <u>CO₃</u>	
<input type="checkbox"/> Chemical oxygen demand (00340)	mg/l		<input checked="" type="checkbox"/> <u>BS</u>	
<input type="checkbox"/> Total organic carbon ()	mg/l		<input checked="" type="checkbox"/> Cation/Anion Balance	
<input type="checkbox"/> Other:			Analyst	Date Reported
<input type="checkbox"/> Other:				Reviewed by
Laboratory remarks				

FOR OCD USE -- Date Owner Notified _____ Phone or Letter? _____ Initials _____

HEAVY METAL ANALYSIS FORM

Date Received		Lab No.	Sample No. 8903291400					
COLLECTION DATE & TIME:			yy	mm	dd	hh	mm	COLLECTION SITE DESCRIPTION
			89	03	29	14	00	Warren Monument
COLLECTED BY:			Boyer/Anderson o/b					Final Effluent
								to pipe SW12

TO:

ENVIRONMENTAL BUREAU
NM OIL CONSERVATION DIVISION
State Land Office Bldg., PO Box 2088
SANTA FE, NM 87504-2088

ATTN: D. Boyer
TELEPHONE: 827-5812

SITE LOCATION:

County: Lee

Township, Range, Section, Tract: (10N06E24342)

1 1 1 + 1 1 + 1 1

STATION/ WELL CODE: | | | | | | | | | |

LATITUDE, LONGITUDE: | | | | | | | | | | - | | |

SAMPLING CONDITIONS:

<input type="checkbox"/> Bailed <input type="checkbox"/> Dipped	<input type="checkbox"/> Pump <input type="checkbox"/> Tap	Water Level:	Discharge:	Sample Type:
pH(00400) 9.5	Conductivity(Uncorr.) 18,000 µmho	Water Temp.(00010) 29 °C	Conductivity at 25°C (00094) µmho	

FIELD COMMENTS: (oil field wastewater)

SAMPLE FIELD TREATMENT

Check proper boxes:

<input checked="" type="checkbox"/> WPN: Water Preserved w/HNO ₃ Non-Filtered	<input type="checkbox"/> WPF: Water Preserved w/HNO ₃ Filtered
--	---

LAB ANALYSIS REQUESTED:

☐ ICAP Scan
Mark box next to metal if AA
is required.

ANALYTICAL RESULTS (MG/L)

ELEMENT	ICAP VALUE	AA VALUE	ELEMENT	ICAP VALUE	AA VALUE
Aluminum	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Silicon	<input type="checkbox"/>	<input type="checkbox"/>
Barium	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Silver	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Beryllium	<input type="checkbox"/>	<input type="checkbox"/>	Strontium	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Boron	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tin	<input type="checkbox"/>	<input type="checkbox"/>
Cadmium	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vanadium	<input type="checkbox"/>	<input type="checkbox"/>
Calcium	<input type="checkbox"/>	<input type="checkbox"/>	Zinc	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chromium	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Arsenic		<input checked="" type="checkbox"/>
Cobalt	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Selenium		<input checked="" type="checkbox"/>
Copper	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mercury		<input checked="" type="checkbox"/>
Iron	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Lead	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Magnesium	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Manganese	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Molybdenum	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Nickel	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

LAB COMMENTS:

For OCD Use:

Date Owner Notified:

Phone or Letter?

Initials:

ICAP Analyst

Reviewer

Date Analyzed

Date Received



Accu-Labs Research, Inc.

11485 W. 48th Avenue Wheat Ridge, Colorado 80033 (303) 423-2766

May 9, 1989
Page 1 of 18

Mr. David Boyer
NM Oil Conservation Division
State Land Office Bldg.
P.O. Box 2088
Santa Fe, NM 87504-2088

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

RECEIVED
MAY 17 1989
OIL CONSERVATION DIV.
SANTA FE

REPORT OF ANALYSIS

ALR Designation	9649-29859-20-1	9649-29859-20-2	9649-29859-20-3
Sponsor Designation	8903301105	8903291000	8903291400
	3-30-89	3-29-89	3-29-89

GC/MS VOLATILE ORGANICS, µg/L:

Chloromethane	<10	<10	<100
Bromomethane	<10	<10	<100
Vinyl chloride	<10	<10	<100
Chloroethane	<10	<10	<100
Methylene chloride	<5	<5	<50
1,1-Dichloroethene	<5	<5	<50
1,1-Dichloroethane	<5	<5	<50
Total 1,2-Dichloroethene	<5	<5	<50
Chloroform	<5	<5	<50
1,2-Dichloroethane	<5	<5	<50
1,1,1-Trichloroethane	<5	<5	<50
Carbon tetrachloride	<5	<5	<50
Bromodichloromethane	<5	<5	<50
1,2-Dichloropropane	<5	<5	<50
c-1,3-Dichloropropene	<5	<5	<50
Trichloroethene	<5	<5	<50
Benzene	<5	<5	2200
Dibromochloromethane	<5	<5	<50
1,1,2-Trichloroethane	<5	<5	<50
t-1,3-Dichloropropene	<5	<5	<50
2-Chloroethylvinyl ether	<5	<5	<50
Bromoform	<5	<5	<50
1,1,2,2-Tetrachloroethane	<5	<5	<50
Tetrachloroethene	<5	<5	<50

May 9, 1989
Page 2 of 18

Accu-Labs Research, Inc.

RECEIVED

Mr. David Boyer
NM Oil Conservation Division

MAY 17 1989

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

OIL CONSERVATION DIV.
SANTA FE

REPORT OF ANALYSIS

ALR Designation	9649-29859-20-1	9649-29859-20-2	9649-29859-20-3
Sponsor Designation	8903301105	8903291000	8903291400
	3-30-89	3-29-89	3-29-89

Determination: µg/L

Toluene	<5	<5	2000
Chlorobenzene	<5	<5	<50
Ethyl benzene	<5	<5	500
Total Dichlorobenzenes	<5	<5	<50
Total Xylenes	<5	<5	1300

Determination: mg/L

Aluminum, total	0.9	<1*	0.3
Barium, total	0.12	2.9	0.31
Boron, total	0.7	110	2.7
Cadmium, total	<0.005	<0.05*	<0.005
Calcium, total	2600	15,000	900
Chromium, total	<0.005	<0.05*	0.043
Cobalt, total	<0.005	<0.05*	<0.005
Copper, total	0.026	<0.05*	0.076
Iron, total	0.96	5.1	44
Magnesium, total	610	8900	230
Manganese, total	0.16	19	0.54
Mercury, total	0.002	<0.002*	0.006
Molybdenum, total	<0.005	<0.05*	0.007
Nickel, total	<0.01	<0.1*	0.05
Potassium, total	35	3900	110
Silver, total	<0.005	<0.005	<0.005
Sodium, total	6500	81,000	4300
Strontium, total	30	350	45
Zinc, total	0.026	0.06	0.16
Total Alkalinity, (as CaCO ₃ to pH 4.5)	290	220	350

May 9, 1989
Page 3 of 18

Accu-Labs Research, Inc.

Mr. David Boyer
NM Oil Conservation Division

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

RECEIVED

MAY 17 1989

OIL CONSERVATION DIV.
SANTA FE

REPORT OF ANALYSIS

ALR Designation	9649-29859-20-1	9649-29859-20-2	9649-29859-20-3
Sponsor Designation	8903301105 3-30-89	8903291000 3-29-89	8903291400 3-29-89
Determination: mg/L			
Carbonate (as CO ₃)	<5	<5	37
Bicarbonate (as HCO ₃)	350	270	350
pH	7.0	6.9	8.6
Specific Conductance, µmhos/cm	47,000	600,000	28,000
Arsenic, total	0.005	0.60	0.032
Lead, total	0.023	0.084	0.017
Selenium, total	<0.005	<0.25*	0.017
Total Solids	29,000	350,000	16,000
Bromide	16	830	<40*
Chloride	15,000	190,000	8100
Sulfate (as SO ₄)	1600	2300	890
Ion Balance	100	94	99

Submit 4 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Santa Fe
Form C-134
Aug. 1, 1989

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Permit No. 1744
(For Division Use Only)

APPLICATION FOR EXCEPTION TO DIVISION ORDER R-8952
FOR PROTECTION OF MIGRATORY BIRDS Rule 8(b), Rule 105(b), Rule 312(h), Rule 313, or Rule 711(I)

Operator Name: WARREN PETROLEUM COMPANY A DIVISION OF CHEVRON USA INC.

Operator Address: P. O. BOX 67 MONUMENT, NEW MEXICO 88265

Lease or Facility Name MONUMENT PLANT Location 36 19 36

Size of pit or tank: 682' X 382' (14,961,000 GALLONS)
Ut. Ltr. Sec. Twp. Rge

Operator requests exception from the requirement to screen, net or cover the pit or tank at the above-described facility.

X The pit or tank is not hazardous to migratory waterfowl. Describe completely the reason pit is non-hazardous.

THIS PIT STORES BRINE WATER AND DISCHARGE WATER FROM THE PLANT BOTH OF WHICH

ARE NON HAZARDOUS TO MIGRATORY WATERFOWL.

1) If any oil or hydrocarbons should reach this facility give method and time required for removal:

ALL OIL OR HYDROCARBONS CAN BE CONTAINED AND REMOVED WITHIN 48 HOURS OF DISCOVERY

FOR MAJOR DISCHARGE, LESS THAN 6 HOURS FOR MINOR DISCHARGES. BOTH INSTANCES

WOULD BE NON NORMAL.

2) If any oil or hydrocarbons reach the above-described facility the operator is required to notify the appropriate District Office of the OCD with 24 hours.

X Operator proposes the following alternate protective measures: OPERATOR WILL WALK THE PERIMETER OF

EACH STORAGE POND AREA AT A MINIMUM FREQUENCY OF ONE VISITATION PER THIRTY (30) DAY

PERIOD. A THOROUGH VISUAL OBSERVATION WILL BE MADE. IF HYDROCARBONS ARE FOUND

(CONTINUED ON ATTACHED SHEET)

CERTIFICATION BY OPERATOR: I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature _____ Title PLANT MANAGER Date _____

Printed Name K. A. PETERSON Telephone No. 505/393-2823

FOR OIL CONSERVATION DIVISION USE

Date Facility Inspected 9/26/89

Inspected by Eddin W. [Signature]

Approved by Eddin W. [Signature]

Title OIL & GAS INSPECTOR

Date SEP 29 1989

OCT - 6 1989

OIL CONSERVATION DIV.
SANTA FE

2. (CONTINUED)

PRESENT THE CONTAMINATION WILL BE ISOLATED AND CONTAINED AND CLEANUP PROCEDURES WILL BE IMMEDIATELY IMPLEMENTED TO MINIMIZE TIME AND AREA OF EXPOSURE AVAILABLE TO WILDLIFE. HYDROCARBONS WILL BE SIPHONED, SKIMMED OR ABSORBED OFF OF THE TOP OF THE WATER AND TRANSPORTED IN A CLOSED CONTAINER INTO THE PLANT TO BE RECYCLED OR REPROCESSED. THE LOCAL OCD DISTRICT OFFICE WILL BE NOTIFIED WITHIN A 24 HOUR PERIOD OF ANY DISCOVERY OF HYDROCARBON CONTAMINATION FOUND IN EITHER STORAGE POND.



Warren Petroleum Company

A Division of Chevron U.S.A. Inc.

P.O. Box 67, Monument, NM 88265

Manufacturing Department

September 6, 1988

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

Attention: Roger Anderson

Subject: Reconstruction of Brine Storage Pond Liner

Dear Mr. Anderson,

This letter is to notify you of Warren Petroleum Company's plan to commence reconstruction of the south brine storage pond on property located three (3) miles south and west of Monument, New Mexico.

The existing pond will be drained of all contents during the first part of the week of September 12, 1988. When dry the existing fiberglass liner will be cut up and removed from company property. The existing fill/drain line will be cut, capped and sealed at both ends. Sufficient fill material will be placed over this cap to prevent damage to the new liner. Fill material will be brought on to the site in order to return the slope of the pond to the original form.

The 100 mil polyethylene liner material is scheduled to be delivered on site around September 16, 1988. Construction of the new liner will commence on or about September 20, 1988 per drawings sent to you in our request letter of July 14, 1988. The installation of the liner should be completed by September 27, 1988. A new fill drain line will be installed sometime during the following weeks. All work should be completed by mid-October.

Per your letter dated July 22, 1988 the leak detection system will be drained of all fluids prior to commissioning new liquids into the brine storage pond. The leak detection system will be checked monthly. If liquids are present in the leak detection system a sample of the liquid will be analyzed to determine their source. The Oil Conservation Division will be supplied a copy of this analysis.

Warren Petroleum Company welcomes the New Mexico Oil Conservation Division to make unannounced inspections at any time during phase of this reconstruction. Please contact Dana Carrigan, Plant Engineer, for any updates of the progress of construction at (505) 393-2823.

If you have any questions or concerns regarding this project, please feel free to call me at (505) 393-2823.

K A Peterson
K. A. Peterson
Plant Manager

KAP/DKC/sm



GARREY CARRUTHERS
GOVERNOR

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

APR 28 1988

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

MEMO TO: Dave Boyer
FROM: Jerry Sexton
SUBJECT: Pit leak detection device
DATE: April 26, 1988

The inspections that have been made concerning the reliability of the lined pit leak detection systems indicates they are working effectively.

The system monitoring the pits at the Warren Plant at Monument indicated a leak in the lining of the south pit, and the Plant Superintendent advised us that the pit will be corrected and will not be used until the repairs are completed. All other pits checked were in good shape.

I wanted you to have this information for your records. If there is other information that we can give you, feel free to contact me.



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

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

MEMORANDUM TO: Jerry Sexton
FROM: Eddie W. Seay
DATE: April 26, 1988

SUBJECT: Leak Detection Pit Inspection

On April 21 and 25, inspections were made by me on pits at Phillips - Buckeye, Enron - West Hobbs, Warren Petroleum - Monument, and Texaco - South Eunice.

The inspections were to check leak detection systems on lined pits at these facilities.

Enron and Phillips' inspection holes were dry. Texaco had one which was dry and one that had a small amount of water in it. Per my conversation with Mr. Charlie Adkison, Supt. of Texaco Plants, Texaco had approved budget to repair and build new pits; correspondence with Charlie and Dave Boyer are forthcoming.

The two pits at Warren Petroleum - Monument Plant were both constructed and monitored by OCD with leak detection systems in them. The north pit's detection system was dry. The south pit's detection system had pit water in it, liner in pit appears to be leaking. I was informed by Plant Supt. that corrections to liner would be made and use of pit has been stopped until corrected. A letter from Warren Petroleum on proposed work is in process.

It appears that the pits which the OCD monitored construction on with leak detection systems works!

Warren Petroleum Company

MANUFACTURING DEPARTMENT

P. O. Box 67
Monument, New Mexico 88265

January 17, 1979

Oil Conservation Division
P. O. Box 1980
Hobbs, NM 88240

Attention: Eddie Seay

Dear Sir:

Please find the attached information on the existing pits at the Warren Monument Plant as requested by Mr. Joe D. Ramey.

If additional information is needed, please let us know so that we may comply.

Sincerely,

R. W. Freyaldenhoven
R. W. Freyaldenhoven
Plant Manager

RWF/JAR:kp

Attachment

Posted
1/25/79
#17

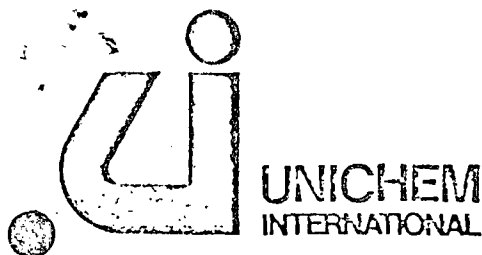


A DIVISION OF GULF OIL CORPORATION

WARREN MONUMENT PLANT PIT SYSTEM

<u>NAME</u>	<u>DIMENSIONS</u>	<u>LINER MT'L</u>	<u>WATER VOL.</u>	<u>LOCATION</u>
1. Waste Water Holding Pit	75' x 135' x 7'	None	-	SW $\frac{1}{4}$, Sec. 36, R36E, T19S
2. Waste Water Pit	275' x 330' x 10'	None	1,825,000 BBL/YR	SW $\frac{1}{4}$, Sec. 36, R36E, T19S
3. New Waste Water Pit	450' x 350' x 6.33'	CPE	Will replace 1 & 2	SW $\frac{1}{4}$, Sec. 36, R36E, T19S
4. Salt Water Storage Pit	240' x 240' x 7'	GULF-SEAL	* See Footnote	SW $\frac{1}{4}$, Sec. 36, R36E, T19S
5. Flare Pit	90' x 90' x 10'	None	4,000 BBL/YR	SW $\frac{1}{4}$, Sec. 36, R36E, T19S

* Salt water used in conjunction with propane storage wells



P. O. BOX 1499

HOBBS, NEW MEXICO 88240

707 NORTH LEECH

PHO. (505) 393-7751

WATER ANALYSIS REPORT

(Expressed in ppm Unless Indicated Otherwise)

FOR: Warren Petroleum Corporation

DATE SAMPLED: 12-1-78

PLANT: Monument Plant

DATE SUBMITTED: 12-2-78

LOCATION: Monument, New Mexico 88265

DATE ANALYZED:

SAMPLE SOURCE:

Waste
WaterBrine
Water

7.1

7.4

pH

Pheno. Alkalinity (CoCO₃)Total Alkalinity (CoCO₃)Bicarbonate (HCO₃)Carbonate (CO₃)

Hydroxide (OH)

Total Hardness (CoCO₃)Calcium (CoCO₃)Magnesium (CoCO₃)

Chloride (Cl)

Sulfate (SO₄)Total Phosphate (PO₄)Orthophosphate (PO₄)Polyphosphate (PO₄)Silica (SiO₂)

Iron (Fe)

Chromate (CrO₄)

Specific Conductance (MMHOS)

Chloride Concentrations

Hardness Concentrations

168

153,500

618

8,667

0.05 ppm

0.3 ppm

2,000

500,000

Zinc (AA)

Nil

0.04 ppm

Lead (AA)

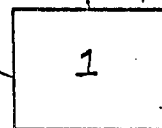
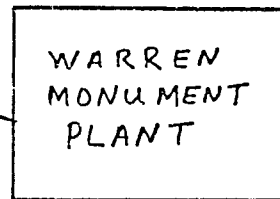
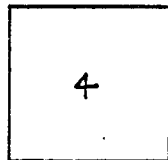
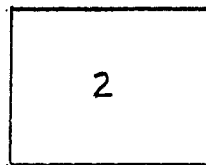
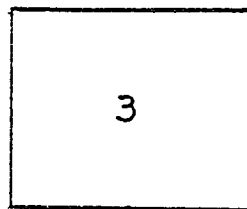
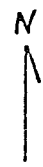
Trace

Trace

I regret that a more complete analysis could not be performed, due to a malfunction with our Atomic Absorption Unit. I would sincerely like to try again after Monday, 1-15-79, when it will be repaired and in good order.

Thanks,

Greg Richards



3

2

4

WARREN
MONUMENT
PLANT

1

5

ALL IN SW/4

36-195-36E

Submit 4 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-134
Aug. 1, 1989

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED

Permit No.

H-12

(For Division Use Only)

AUG 31 1989

APPLICATION FOR EXCEPTION TO DIVISION ORDER R-8952
FOR PROTECTION OF MIGRATORY BIRDS Rule 8(b), Rule 105(b), Rule 312(h), Rule 313, or Rule 711(I)

Operator Name: WARREN PETROLEUM COMPANY A DIVISION OF CHEVRON USA INC.

Operator Address: P. O. BOX 67 MONUMENT, NEW MEXICO 88265

Lease or Facility Name MONUMENT PLANT Location 1 20 36

Size of pit or tank: 255' X 255' (2,301,955 GALLONS)

Operator requests exception from the requirement to screen, net or cover the pit or tank at the above-described facility.

X The pit or tank is not hazardous to migratory waterfowl. Describe completely the reason pit is non-hazardous.

THIS PIT STORES BRINE WATER AND WATER DISCHARGE FROM THIS PLANT, BOTH OF WHICH
ARE NON HAZARDOUS TO MIGRATORY WATERFOWL.

1) If any oil or hydrocarbons should reach this facility give method and time required for removal:

OIL OR HYDROCARBONS CAN BE CONTAINED AND REMOVED WITHIN 48 HOURS OF DISCOVERY
FOR MAJOR DISCHARGE, LESS THAN 6 HOURS FOR MINOR DISCHARGES. BOTH INSTANCES
WOULD BE NON NORMAL.

2) If any oil or hydrocarbons reach the above-described facility the operator is required to notify the
appropriate District Office of the OCD with 24 hours.

X Operator proposes the following alternate protective measures: OPERATOR WILL WALK THE PERIMETER OF

EACH STORAGE POND AREA AT A MINIMUM FREQUENCY OF ONE VISITATION PER THIRTY (30)

DAY PERIOD. A THOROUGH VISUAL OBSERVATION WILL BE MADE. IF HYDROCARBONS ARE FOUND
(CONTINUED ON ATTACHED SHEET)

CERTIFICATION BY OPERATOR: I hereby certify that the information given above is true and complete to the best of my
knowledge and belief.

Signature K. A. Peterson Title PLANT MANAGER Date 8/21/89

Printed Name K. A. PETERSON Telephone No. 505/393-2823

FOR OIL CONSERVATION DIVISION USE

Date Facility Inspected 8/23/89

Inspected by Eddie Lee

Approved by ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

Title

Date AUG 28 1989

RECEIVED
AUG 22 1939
OCD
HOBBS OFFICE

RECEIVED

AUG 22 1939

OCD
HOBBS OFFICE

2. (CONTINUED)

PRESENT THE CONTAMINATION WILL BE ISOLATED AND CONTAINED AND CLEANUP PROCEDURES WILL BE IMMEDIATELY IMPLEMENTED TO MINIMIZE TIME AND AREA OF EXPOSURE AVAILABLE TO WILDLIFE. HYDROCARBONS WILL BE SIPHONED, SKIMMED OR ABSORBED OFF OF THE TOP OF THE WATER AND TRANSPORTED IN A CLOSED CONTAINER INTO THE PLANT TO BE RECYCLED OR REPROCESSED. THE LOCAL OCD DISTRICT OFFICE WILL BE NOTIFIED WITHIN A 24 HOUR PERIOD OF ANY DISCOVERY OF HYDROCARBON CONTAMINATION FOUND IN EITHER STORAGE POND.

RECEIVED

AUG 22 1989

OCD
HOBBS OFFICE

State of New Mexico
Energy and Minerals Department

OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87501

NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

Name of Operator Warren Petroleum Company				Address P. O. Box 67, Monument, New Mex. 88265			
Report Of	Fire	Break	Spill	Leak	Blowout	Other*	
			XX				
Type of Facility	Drig Well	Prod Well	Tank Btty	Pipe Line	Gaso Plnt	Oil Rty	Other*
					XX		
Name of Facility Warren Petroleum Company - Monument Plant #118							
Location of Facility (Quarter/Quarter Section or Footage Description) SW 1/4				Sec. 36	Twp. 19-S	Rge. 36-E	County Lea
Distance and Direction from Nearest Town or Prominent Landmark 3 miles Southwest of Monument, New Mexico							
Date and Hour of Occurrence unknown				Date and Hour of Discovery 10:00 AM September 15, 1986			
Was Immediate Notice Given?		Yes	No	Not Required	If Yes, To Whom		
				XX	JOAN		
By Whom D. L. Ishmael				Date and Hour 2:00 PM September 23, 1986			
Type of Fluid Lost Oil & Condensate				Quantity Of Loss	5-10 BO unknown BW	Volume Recovered	BO BW
Did Any Fluids Reach A Watercourse? Yes No Quantity XX							
If Yes, Describe Fully**							
Describe Cause of Problem and Remedial Action Taken** Waste water pit overflowed. Containment wall will be built to prevent overflows from reaching outlying areas. Installation of spare pump is being reviewed to provide back-up to existing pump also.							
Describe Area Affected and Cleanup Action Taken** Liquids were picked up with a vacuum truck; soil will be removed, spread out, mixed in with dry soil. New soil will be hauled into area. Per conversation with OCD.							
Description of Area		Farming	Grazing	Urban	Other*		
					Just outside plant fence area.		
Surface Conditions		Sandy	Sandy Loam	Clay	Rocky	Wet	Dry
						XX	Snow
Describe General Conditions Prevailing (Temperature, Precipitation, Etc.)** Temperatures in mid 80s. Probably occurred during recent rains.							
I Hereby Certify That the Information Above is True and Complete to the Best of My Knowledge and Belief							
Signed <i>X a Petrus</i>				Title PLANT MANAGER		Date September 23, 1986	

*Specify

**Attach Additional Sheets If Necessary

RECEIVED
OCT 2 1986
O.C.G.
HOBBS OFFICE



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

August 14, 1990

GARREY CARRUTHERS
GOVERNOR

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

CERTIFIED MAIL
RETURN RECEIPT NO. P 918 402 340

Ms. L. T. Reed, Senior Engineer
Warren Petroleum Company
P.O. Box 1589
Tulsa, OK 74102

Re: Discharge Plan GW-25
Monument Gas Processing Plant
Lea County, New Mexico

Dear Ms. Reed:

The ground water discharge plan renewal (GW-25) for the Warren Petroleum Company Monument Gas Processing Plant located in the SW/4, Section 36, Township 19 South, Range 36 East, NMPM, Lea County, New Mexico is hereby approved. The renewal application consists of the original discharge plan as approved July 31, 1985, the renewal application dated December 28, 1989, and materials dated June 28, 1990, submitted as supplements to the application.

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

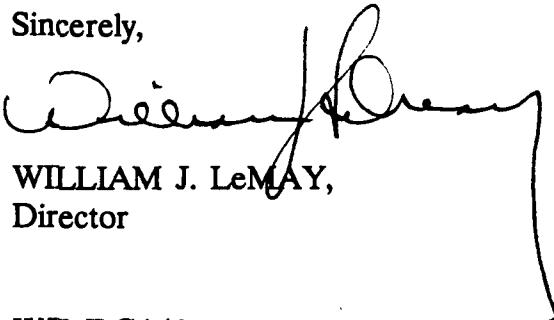
Please be advised that all exposed pits, including lined pits and open top tanks (tanks exceeding 16 feet in diameter), shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

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

Pursuant to Section 3-109.G.4., this plan approval is for a period of five (5) years. This approval will expire **July 31, 1995** and you should submit an application for renewal in ample time before that date. It should be noted that all gas processing plants and oil refineries in excess of twenty-five years of age will be required to submit plans for, or the results of an underground drainage testing program as a requirement for discharge plan renewal.

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

Sincerely,

A handwritten signature in black ink, appearing to read "William J. LeMay", with a long, sweeping underline that extends to the right.

WILLIAM J. LeMAY,
Director

WJL/RCA/dp

cc: OCD Hobbs District Office



UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
Ecological Services

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

May 30, 1990

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

Dear Mr. Lemay:

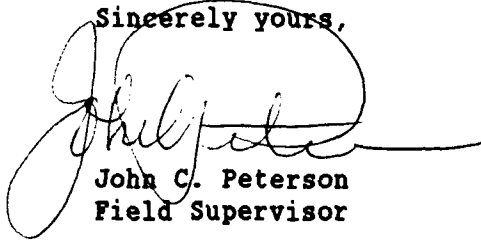
We have reviewed the Public Notice dated May 1, 1990 requesting comments for three groundwater discharge plan permit renewals as follows:

- (6W-20) - Conoco Incorporated, P.O. Box 2197, HU 3048, Houston, Texas 77252.
The permit is for a previously approved discharge plan. The plans call for the discharge of 2,300 gallons per day of process wastewater into an Oil Conservation Division (OCD) approved (Order #R-2403). The Maljamar Gas Plant located in Sections 21 and 28, T17S, R32E, NMPM, Lea County, New Mexico.
- (6W-25) - Warren Petroleum Company, P. O. Box 1589, Tulsa, Oklahoma 74102.
The permit is for a previously approved discharge plan. The plan calls for the discharge of 50,000 gallons per day of process wastewater into an OCD approved Class II injection wells from the Monument Gas Processing Plant located in the SW 1/4, Section 36, T19S, R36E, NMPM, Lea County, New Mexico.
- (6W-23) - Phillips 66 Natural Gas Company, 4001 Penbrook, Odessa, Texas 79762.
the permit is for a previously approved discharge plan. The plan calls for the discharge of 23,000 gallons per day of process wastewater into an OCD approved Class II injection well from the Artesia plant located in Section 7, T18S, R28E, NMPM, Eddy County, New Mexico.

We recommend that screens or mesh be placed over any open pits or tanks that may contain wastewater in order to eliminate risks to Federally protected migratory birds.

If you have any questions, please contact Richard Roy at (505) 883-7877.

Sincerely yours,

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

John C. Peterson
Field Supervisor

cc:

Regional Director, U.S. Fish and Wildlife Service, Fish and Wildlife
Enhancement, Albuquerque, New Mexico



Warren Petroleum Company

A Division of Chevron U.S.A. Inc.
P.O. Box 1589, Tulsa, OK 74102

OIL CONSERVATION DIVISION
RECEIVED

'90 JAN 2 AM 9 29

Manufacturing Department

December 28, 1989

William J. LeMay, Director
State of New Mexico
Oil Conservation Division
Energy and Minerals Department
P.O. Box 2088
Santa Fe, New Mexico 87501

Attn: Roger C. Anderson
Environmental Engineer

Re: Monument Gas Processing Plant
Lea County, New Mexico
Discharge Plan GW-25

Gentlemen:

I have attached a copy of the Discharge Plan for the subject facility. We are submitting this plan for your review for our five-year renewal, as discussed with you on December 27, 1989.

Please note that the only change from the plan approved by your agency on October 18, 1985 is the addition of discharge of reverse osmosis water.

We look forward to seeing you in February for an inspection of our Monument Plant. In preparation for your visit, I refer you to Section XII of the attached Discharge Plan which contains our Spill Prevention Control and Countermeasure Plan, Part I of which describes potential sources of spills and methods of containment. It is our understanding that this information will be pertinent during our meeting.

If, meanwhile, you need further information, or if we could answer any questions, please contact Linda Johnson, or me, at (918) 560-4138.

Very truly yours,

L. T. REED
Senior Engineer

LTR/LLJ/cd

enclosure

xc: M. L. Ingram w/o attachment
K. A. Peterson w/attachment

1639/12289/LLJ/MONUMENT GW25