

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

| | |
|--|-----------------------------------|
| Name of Company: Mewbourne Oil Company | Contact: Zack Thomas |
| Address: PO Box 5270 Hobbs NM 88241 | Telephone No. 575-393-5905 |
| Facility Name: Federal 31 G #005 | Facility Type: Producing Oil Well |

| | | |
|--------------------|--------------------|----------------------|
| Surface Owner: BLM | Mineral Owner: BLM | API No. 30-025-35851 |
|--------------------|--------------------|----------------------|

LOCATION OF RELEASE

| | | | | | | | | |
|------------------|---------------|-----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|---------------|
| Unit Letter A | Section 31 | Township 19S | Range 33E | Feet from the 660' | North/South Line North | Feet from the 990' | East/West Line East | County Lea |
|------------------|---------------|-----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|---------------|

Latitude 32.622168 Longitude -103.697167

NATURE OF RELEASE

| | | |
|--|---|---|
| Type of Release: Oil | Volume of Release: estimated 7 bbls | Volume Recovered: 3 bbls |
| Source of Release: Polly Gas Line | Date and Hour of Occurrence 2-13-15 | Date and Hour of Discovery 2-13-15 2:00 pm |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Duncan Whitlock | |
| By Whom? Zack Thomas | Date and Hour 2-16-15 7:30 am | |
| 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.*


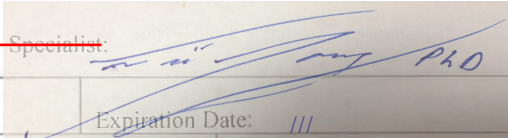
High line pressure caused poly gas line to rupture. Well was shut-in by pumper to stop release.

Describe Area Affected and Cleanup Action Taken.*

Affected area- South/Southeast of the production tanks out in the pasture an estimated 50 feet from well pad. Vacuum truck was used to recover 3 bbls of oil. Contaminated soil will be dug out and hauled off to R360 by Trinity Oilfield Services. Once soil samples are taken and backfill approval is given by the appropriate government agencies, clean backfill will be brought in to replace contaminated soil.

Remediation activities conducted at the Federal 31 G #005 release site met the objectives set forth by the NMOCD. Please reference the *Corrective Action Plan*, dated February 23, 2015, for details of remediation activities and the results of the confirmation soil samples.

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: Zack Thomas | Hydrologist Approved by Environmental Specialist |  |
| Title: Environmental Rep. | Approval Date: 04/13/2015 | Expiration Date: /// |
| E-mail Address: zthomas@mewbourne.com | Conditions of Approval: /// | Attached <input type="checkbox"/> |
| Date: 4-10-15 Phone: 575-602-2188 | | 1RP-3538 |

* Attach Additional Sheets If Necessary



P.O. Box 2587 • Hobbs, NM 88241 • Phone: (575) 397-4961 • todd@trinityoilfieldservices.com

April 9, 2015

Tomáš 'Doc' Oberding PhD
Hydrologist, Adv-District 1
Oil Conservation Division, EMNRD
1625 North French Drive
Hobbs, NM 88240

RE: Corrective Action Plan

Mewbourne Oil Co. - Federal 31 G #005
A-31-19S-33E 660 FNL 990 FEL
API No. 30-025-40731
1RP-3538

Doc,

Trinity Oilfield Services is requesting closure of 1RP-3538 on behalf of Mewbourne Oil Company. As per our last discussion, this site meets the expectations in terms of contaminate levels. In addition to this, we applied micro blaze to the vegetation that was exposed to the overspray and backfilled the excavation site with clean soil. Along with this, Mewbourne Oil Co. will take additional steps to prevent future leaks from leaving the location site by installing caliche berms around the entire location. With all this be taken into consideration, we humbly request closure and thank you for your assistance in this matter.

Sincerely,

Todd Roberson



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 26, 2015

ZACK THOMAS

MEWBOURNE OIL COMPANY

P. O. BOX 5270

HOBBS, NM 88240

RE: FEDERAL 31 G 5

Enclosed are the results of analyses for samples received by the laboratory on 03/24/15 9:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

MEWBOURNE OIL COMPANY
ZACK THOMAS
P. O. BOX 5270
HOBBS NM, 88240
Fax To: (575) 937-6252

Received: 03/24/2015
Reported: 03/26/2015
Project Name: FEDERAL 31 G 5
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 03/24/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: 31-001 (H500777-01)

| BTX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/25/2015 | ND | 2.16 | 108 | 2.00 | 1.54 | |
| Toluene* | <0.050 | 0.050 | 03/25/2015 | ND | 1.96 | 97.8 | 2.00 | 1.01 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/25/2015 | ND | 1.94 | 97.2 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 03/25/2015 | ND | 5.86 | 97.7 | 6.00 | 1.49 | |
| Total BTX | <0.300 | 0.300 | 03/25/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 03/24/2015 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 03/26/2015 | ND | 188 | 94.1 | 200 | 0.988 | |
| DRO >C10-C28 | <10.0 | 10.0 | 03/26/2015 | ND | 194 | 96.9 | 200 | 4.52 | |

Surrogate: 1-Chlorooctane 91.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 104 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

MEWBOURNE OIL COMPANY
ZACK THOMAS
P. O. BOX 5270
HOBBS NM, 88240
Fax To: (575) 937-6252

Received: 03/24/2015
Reported: 03/26/2015
Project Name: FEDERAL 31 G 5
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 03/24/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: 31-002 (H500777-02)

| BTX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/25/2015 | ND | 2.16 | 108 | 2.00 | 1.54 | |
| Toluene* | <0.050 | 0.050 | 03/25/2015 | ND | 1.96 | 97.8 | 2.00 | 1.01 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/25/2015 | ND | 1.94 | 97.2 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 03/25/2015 | ND | 5.86 | 97.7 | 6.00 | 1.49 | |
| Total BTX | <0.300 | 0.300 | 03/25/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 03/24/2015 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 03/26/2015 | ND | 188 | 94.1 | 200 | 0.988 | |
| DRO >C10-C28 | <10.0 | 10.0 | 03/26/2015 | ND | 194 | 96.9 | 200 | 4.52 | |

Surrogate: 1-Chlorooctane 92.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 105 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



Page 5 of 5

(575) 393-2326 FAX (575) 393-2476

Company Name: Marlborough Oil Corp

Project Manager: Eric Thomas

Address:

City:

State:

Zip:

Phone #:

Fax #:

Project #:

Project Owner: MOL

Project Name: Federal 1316 HS

Project Location:

Sample Name:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

ASD0777

1

31-001

2

31-002

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

Chloride

Bkr

TpH

RECEIVED BY: [Signature]

DATE: 5/24/15

TIME: 9:10

RECEIVED BY: [Signature]

DATE: 5/24/15

TIME: 9:10

RECEIVED BY: [Signature]

DATE: 5/24/15

TIME: 9:10

DELIVERED BY: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition

Cool ☒ Intact ☒

Yes ☒ No ☐

Yes ☒ No ☐

CHECKED BY: [Signature]

(Initials)

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REMARKS: Todd
Zack

RECEIVED BY: [Signature]

DATE: 5/24/15

TIME: 9:10

RECEIVED BY: [Signature]

DATE: 5/24/15

TIME: 9:10

RECEIVED BY: [Signature]

DATE: 5/24/15

TIME: 9:10

RECEIVED BY: [Signature]

DATE: 5/24/15

TIME: 9:10

RECEIVED BY: [Signature]

DATE: 5/24/15

TIME: 9:10

RECEIVED BY: [Signature]

DATE: 5/24/15

TIME: 9:10

BILL TO

ANALYSIS REQUEST