RECEIVED By Kellie Jones at 8:13 am, Dec 23, 2015



1. Ensure BLM approval.



Red Hills 21 Fed Com 2H

Sec. 16 T26S R32E

Lea County, NM

Closure Report

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- 2 Site Activities
- 3 Conclusion

APPENDICES

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Diversified Field Service, Inc. 3412 N. Dal Paso Hobbs, NM 88240 (575) 964-8394

Red Hills 21 Fed Com 2H

1 INTRODUCTION

Mewbourne has retained Diversified Field Service, Inc. (DFSI) to address environmental issues for the site detailed herein.

The site is located southwest of Jal, NM, in Lea County. The leak area is on the pad and in the pasture on the southwest corner of the pad. A C-141 was drafted on October 20, 2015. The leak area was classified as a historic leak.

2 SITE ACTIVITIES

On September 10, 2015, DFSI personnel obtained three surface and BGS (below ground surface) samples of the leak area. Each sample was tested for chloride levels as well as BTEX. The BTEX samples were performed using a Mini Rae Photoionization Detector (PID). All the clean field samples found under the BLM/NMOCD standards were taken to a lab for confirmation. Those results are attached.

DFSI personnel returned to the location to begin remediation. The areas of SP #2 and SP #3 were excavated to 2' BGS, and bottom samples of the excavation were taken before backfill. Those samples were taken to a commercial laboratory for confirmation, and those results are attached. The area of SP #1 was also excavated to 1' BGS, and bottom samples were taken for confirmation and sent to a commercial laboratory.

The excavated area on the pad was backfilled with fresh caliche, and the area in the pasture was backfilled with fresh topsoil. The pasture area was then seeded with ¾ acre of BLM-2 seed mix. All contaminated soil was hauled to an approved NM State disposal.

3 CONCLUSION

DFSI conducted a groundwater study of the area and determined that according to the New Mexico Office of the State Engineer the average depth to groundwater for this area is 550 foot below ground surface. Therefore, no eminent danger of groundwater impact or threat to life was anticipated. DFSI, on behalf of Mewbourne, respectfully requests the closure of the regulatory file for the site.

Appendix I

INITIAL FORM C-141

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

| | OPERATOR | \boxtimes | 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: Red Hills West 21 Fed Com #2H | Facility Type: Producing Oil We | ell | | |
| | | _ | | |

| Surface Owner: | BLM |
|----------------|-----|
|----------------|-----|

Mineral Owner: BLM

API No. 30-025-40391

LOCATION OF RELEASE

| Unit Letter C | Section 21 | Township 268 | Range 32E | Feet from the 150' | North/South Line North | Feet from the 2350' | East/West Line West | County Lea |
|------------------|---------------|-----------------|--------------|--------------------|---------------------------|---------------------|------------------------|---------------|
|------------------|---------------|-----------------|--------------|--------------------|---------------------------|---------------------|------------------------|---------------|

Latitude__32.0351868___Longitude__-103.6810074__

NATURE OF RELEASE

| Type of Release: Produced Water/Oil | Volume of Release: Historic | Volume R | ecovered: Historic | | |
|---|--|----------------|--------------------------|--|--|
| Source of Release: N/A | Date and Hour of Occurrence | | Iour of Discovery | | |
| | Historic | Historic | | | |
| Was Immediate Notice Given? | If YES, To Whom? | | | | |
| 🗌 Yes 🖾 No 🗌 Not Required | | | | | |
| By Whom? | Date and Hour | | | | |
| Was a Watercourse Reached? | If YES, Volume Impacting the Wa | atercourse. | | | |
| 🗌 Yes 🖾 No | | | | | |
| If a Watercourse was Impacted, Describe Fully,* | | | | | |
| | | | | | |
| | | | | | |
| Describe Cause of Problem and Remedial Action Taken.* | | | | | |
| N/A | | | | | |
| | | | | | |
| Describe Area Affected and Cleanup Action Taken.* | | | | | |
| | | | | | |
| Affected area- 2865 sq. ft. area on Southwest side of pad near separation | equipment. For details reference Wor | rk plan dated | October 16, 2015. | | |
| | | | | | |
| I hereby certify that the information given above is true and complete to | | | | | |
| regulations all operators are required to report and/or file certain release public health or the environment. The acceptance of a C-141 report by t | | | | | |
| should their operations have failed to adequately investigate and remedia | | | | | |
| or the environment. In addition, NMOCD acceptance of a C-141 report | | | | | |
| federal, state, or local laws and/or regulations. | does not reneve the operator of respon | 1310 mg 101 00 | inpliance with any other | | |
| | OIL CONSER | VATION | DIVISION | | |
| | <u>OIL CONDER</u> | 1110111 | | | |
| Signature: L. Thomas | | | | | |
| | Approved by Environmental Specialist: | | | | |
| Printed Name: Zack Thomas | | | | | |
| | | | | | |
| Title: Environmental Rep. | Approval Date: | Expiration D | Date: | | |
| E-mail Address: zthomas@mewbourne.com | Conditions of Approval: | | | | |
| L-man Address, Zhomas(amewoodine.com | Conditions of Approval. | Attached 🗌 | | | |
| Date: 10-20-15 Phone: 575-602-2188 | | | | | |

* Attach Additional Sheets If Necessary

Appendix II

SITE MAP

Environmental DFSI Services Cell: 575-441-2359 2 miles Office: 575-964-8394 Fax: 575-964-8396 Lance Crenshaw Spill Area: 2,865 sq. ft. Pad Mewbourne, Red Hills 21 Fed Com 2H Sec. 16 T26S R32E Drafted By: Lance Crenshaw, 9-18-15 0.04 Miles Lea County, NM 0.01 0.02 Oil and Produced H2O Above Ground Line <all other values> Produced Water Electrical Box Power Pole sample_pts ---- Buried Line Pumpjacks Soil Bores Misc_points Headers Injection 0 📩 Source Valves Spill_Media Tanks Other Other Pipeline Legend lio Types Type Spill

Emple In

Site Diagram

Appendix III

ANALYTICAL AND SAMPLE DATA

Diversified Environmental Services

| | a | | | | | | | - | | _ | | | | - | | _ | _ |
|--|-----|---------|-------|------|-------|----|----------|---------|---|---|--|---|--|---|------|-------|---|
| | CHL | | | | | | | | | | | | | | | _ | |
| | SP5 | | | | | | | - | | | | | | | | | |
| | Γ | | | | | | | | Γ | | | | | | | | ٦ |
| | DID | | | | | | | | | | | | | | | | |
| | Б | | | | | | | | | | | | | | | | |
| | | | | | | | - | | | | | | | | | | |
| | SP4 | Ļ | | Ļ., | | | | | | | | Ļ | | - | | | |
| | DID | 17.6 | 4.7 | 2.2 | | | | | | - | | | | | | | |
| 11 | F | 3,299 | 925 | 100 | | 80 | | | F | | | - | | | | | _ |
| | ਸ਼ੋ | 3, | | | | | <16 | | | | | | | | | | |
| 9/10/2015 | SP3 | Surface | 1' | 2' | | 2' | BS3 @ 2' | | | | | | | | | | |
| | Г | 127.3 | 28.2 | 66.5 | 59.4 | | | | Γ | | | | | _ | | | |
| SP Date: Rel Date: | DID | | | | | | | | | | | | | | | | |
| n #2H | GHL | 2,949 | 750 | 125 | 200 | | 192 | <16 | | | | | | | | | |
| Mewbourne Red Hills West 21 Fed Com #2H | SP2 | Surface | | 2' | 3' | | 2' | BS2 @2' | | | | | | | | | |
| urne West | | 27.6 | 377 | | | | | | | | | | | - | | | |
| Mewbourne Red Hills Wee | DID | J | | 19.5 | 188.4 | | | | | | | | | | | | |
| Jame: | GHL | 20,694 | 8,172 | 750 | 897 | | 176 | | | | | | | | | | |
| Company Name: Location Name: | SP1 | Surface | 1 | 2' | a' | | BS1@1' | | | | | | | | | | |

 Lab Confirmation Sample

 Field Sampling

 Needs Delineation and confirmation samples

Page 1



October 02, 2015

ZACK THOMAS MEWBOURNE OIL COMPANY P. O. BOX 5270 HOBBS, NM 88240

RE: RED HILLS WEST 21 FED COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 09/30/15 13:28.

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/ga/lab accredited certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

| Received: | 09/30/2015 | Sampling Date: | 09/30/2015 |
|-------------------|-------------------------------|---------------------|----------------|
| Reported: | 10/02/2015 | Sampling Type: | Soil |
| Project Name: | RED HILLS WEST 21 FED COM #2H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Celey D. Keene |
| Project Location: | NOT GIVEN | | |

Sample ID: SAMPLE PT. 2 @ 2' (H502590-01)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/30/2015 | ND | 2.07 | 103 | 2.00 | 1.10 | |
| Toluene* | 0.050 | 0.050 | 09/30/2015 | ND | 1.77 | 88.5 | 2.00 | 1.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/30/2015 | ND | 1.68 | 84.2 | 2.00 | 2.52 | |
| Total Xylenes* | <0.150 | 0.150 | 09/30/2015 | ND | 5.28 | 87.9 | 6.00 | 3.58 | |
| Total BTEX | <0.300 | 0.300 | 09/30/2015 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 102 9 | 6 85.6-13 | 7 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 10/02/2015 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 09/30/2015 | ND | 193 | 96.6 | 200 | 4.68 | |
| DRO >C10-C28 | 45.4 | 10.0 | 09/30/2015 | ND | 210 | 105 | 200 | 4.70 | |
| Surrogate: 1-Chlorooctane | 102 9 | 6 47.2-15 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 9 | 6 52.1-17 | 6 | | | | | | |

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*=Accredited Analyte

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Celeg Z. trene

Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 09/30/2015 | Sampling Date: | 09/30/2015 |
|-------------------|-------------------------------|---------------------|----------------|
| Reported: | 10/02/2015 | Sampling Type: | Soil |
| Project Name: | RED HILLS WEST 21 FED COM #2H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Celey D. Keene |
| Project Location: | NOT GIVEN | | |

Sample ID: SAMPLE PT. 3 @ 2' (H502590-02)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 09/30/2015 | ND | 2.07 | 103 | 2.00 | 1.10 | |
| Toluene* | <0.050 | 0.050 | 09/30/2015 | ND | 1.77 | 88.5 | 2.00 | 1.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 09/30/2015 | ND | 1.68 | 84.2 | 2.00 | 2.52 | |
| Total Xylenes* | <0.150 | 0.150 | 09/30/2015 | ND | 5.28 | 87.9 | 6.00 | 3.58 | |
| Total BTEX | <0.300 | 0.300 | 09/30/2015 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 105 % | 6 85.6-13 | 7 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 10/02/2015 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 09/30/2015 | ND | 193 | 96.6 | 200 | 4.68 | |
| DRO >C10-C28 | <10.0 | 10.0 | 09/30/2015 | ND | 210 | 105 | 200 | 4.70 | |
| Surrogate: 1-Chlorooctane | 101 % | 6 47.2-15 | 7 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 101 9 | 6 52.1-17 | 6 | | | | | | |

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Celeg Z. Keena

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. |
| 2 | Chloride by SM4500Cl-B does not require samples be received at or below $6^{\circ}C$ |
| | Samples reported on an as received basis (wet) unless otherwise noted on report |

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Celeoz Frene

Celey D. Keene, Lab Director/Quality Manager



November 03, 2015

ZACK THOMAS MEWBOURNE OIL COMPANY P. O. BOX 5270 HOBBS, NM 88240

RE: RED HILLS 21 FED COM #2

Enclosed are the results of analyses for samples received by the laboratory on 11/02/15 8:07.

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 accredited certif.html.

Cardinal Laboratories is accreditated 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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



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

| Received: | 11/02/2015 | Sampling Date: | 10/30/2015 |
|-------------------|-------------------------|---------------------|---------------|
| Reported: | 11/03/2015 | Sampling Type: | Soil |
| Project Name: | RED HILLS 21 FED COM #2 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | LEA COUNTY, NM | | |

Sample ID: BS 1 @ 1' (H502869-01)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS | | | | | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/02/2015 | ND | 1.96 | 98.0 | 2.00 | 0.345 | |
| Toluene* | <0.050 | 0.050 | 11/02/2015 | ND | 2.16 | 108 | 2.00 | 0.207 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/02/2015 | ND | 1.96 | 98.1 | 2.00 | 1.19 | |
| Total Xylenes* | 0.357 | 0.150 | 11/02/2015 | ND | 6.23 | 104 | 6.00 | 1.36 | |
| Total BTEX | 0.357 | 0.300 | 11/02/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 109 % 73.6-140

| Chloride, SM4500Cl-B | mg. | /kg | Analyze | d By: AP | | | | | |
|-------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16,0 | 11/02/2015 | ND | 416 | 104 | 400 | 3.92 | |
| TPH 8015M | mg, | 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 | 11/03/2015 | ND | 207 | 103 | 200 | 1.98 | |
| DRO >C10-C28 | 434 | 10.0 | 11/03/2015 | ND | 219 | 110 | 200 | 1.62 | |
| Surrogate: 1-Chlorooctane | 104 | % 35-147 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 122 | % 28-171 | | | | | | | |

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Celeg Z. Kenne-

Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 11/02/2015 | Sampling Date: | 10/30/2015 |
|-------------------|-------------------------|---------------------|---------------|
| Reported: | 11/03/2015 | Sampling Type: | Soil |
| Project Name: | RED HILLS 21 FED COM #2 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | LEA COUNTY, NM | | |

Sample ID: BS 2 @ 2' (H502869-02)

| BTEX 8021B | mg, | kg | Analyze | d By: MS | | | | | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/02/2015 | ND | 1.96 | 98.0 | 2.00 | 0.345 | |
| Toluene* | <0.050 | 0.050 | 11/02/2015 | ND | 2.16 | 108 | 2.00 | 0.207 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/02/2015 | ND | 1.96 | 98.1 | 2.00 | 1.19 | |
| Total Xylenes* | <0.150 | 0.150 | 11/02/2015 | ND | 6.23 | 104 | 6.00 | 1.36 | |
| Total BTEX | <0.300 | 0.300 | 11/02/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 107 % 73.6-140

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AP | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 11/02/2015 | ND | 416 | 104 | 400 | 3.92 | |
| ГРН 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 11/03/2015 | ND | 207 | 103 | 200 | 1.98 | |
| DRO >C10-C28 | <10.0 | 10.0 | 11/03/2015 | ND | 219 | 110 | 200 | 1.62 | |
| Surrogate: 1-Chlorooctane | 109 | % 35-147 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 121 | % 28-171 | | | | | | | |

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*=Accredited Analyte

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Celegit treme

Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 11/02/2015 | Sampling Date: | 10/30/2015 |
|-------------------|-------------------------|---------------------|---------------|
| Reported: | 11/03/2015 | Sampling Type: | Soil |
| Project Name: | RED HILLS 21 FED COM #2 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | LEA COUNTY, NM | | |

Sample ID: BS 3 @ 2' (H502869-03)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS | | | | | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/02/2015 | ND | 1.96 | 98.0 | 2.00 | 0.345 | |
| Toluene* | <0.050 | 0.050 | 11/02/2015 | ND | 2.16 | 108 | 2.00 | 0.207 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/02/2015 | ND | 1,96 | 98.1 | 2.00 | 1.19 | |
| Total Xylenes* | <0.150 | 0.150 | 11/02/2015 | ND | 6.23 | 104 | 6.00 | 1.36 | |
| Total BTEX | <0.300 | 0.300 | 11/02/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 107 % 73.6-140

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AP | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 11/02/2015 | ND | 416 | 104 | 400 | 3.92 | |
| TPH 8015M mg/kg | | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 11/03/2015 | ND | 207 | 103 | 200 | 1.98 | |
| DRO >C10-C28 | <10.0 | 10.0 | 11/03/2015 | ND | 219 | 110 | 200 | 1.62 | |
| Surrogate: 1-Chlorooctane | 112 | % 35-147 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 125 | % 28-171 | | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keina

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. |
| a. | 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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Celeg Li Keine

Celey D. Keene, Lab Director/Quality Manager



1 Rust

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

| Relinquished By: Relinquished By: Delivered By: (Circle One) Sampler - UPS - Bus - Other | Company Name: Heube Project Manager: Zack Address: City: Project Name: Red Hi Project Location: Red I Sampler Name: Mide For Leuse OKY For Leuse OKY BLAB I.D. 1 Store State 2 Store State 2 Store State 3 Store Store Store Store Store Store 3 Store Store Store Store Store Store Store 3 Store Store Store Store Store Store Store 3 Store Sto | (575) 39 |
|--|--|-----------------------------------|
| and the mancher and or convectorer and damages, and or measured to the performance of damages the terms of the second damages of the | Hewborne Zack Thomas Fax II: Red Hills Red Hil | (575) 393-2326 FAX (575) 393-2476 |
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| dition CHECKEDBY: | P.O. #: Company: Muslous Address: Attn: 7 act: Thermony: Muslous Address: Phone #: Fax #: Fax #: Phone #: Fax #: DATE DATE DATE DATE DATE | 011 1 10 |
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| | | ANALYSIS REC |
| Rushk | | REQUEST |
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Appendix IV

SEED REPORT

DIVERSIFIED FIELD SERVICES, INC.

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| Project: Red Hillus | | Date Started: <u>11/1/15</u> |
|----------------------------------|-------|------------------------------|
| Seed and Ibs. used: 1/4 acre bag | BIMAZ | Date Completed: |

Curtis and Curtis, Inc. 4500 North Prince Clovie, NM 88150 Phone: (575) 762-4759 www.curtisseed.com

 \mathbf{A}_{i}

Diversified Construction 1/4 Acre BLM #2, Broadcast Rate 1 - 1/4 Acre Bag @ 8:98 Bulk Pounds Job: Red Hills

-

R

| | Lot# M-13369 | | - | | | Total Germination | | Total PLS. Pounds | |
|--|---|--------------------------------|---|--------------|-----------|----------------------|-------|----------------------|--|
| | Item | Origin | Purity | Germ | Dormant | | | 1.00 | |
| | | New Mexic | o 11.60%∩ | 12.00% | 84.00% | 96.00% | 10/15 | 1-00 | |
| | Sand Dropseed VNS Little Bluestem Aldous Coreopsis Plains Plains Bristlegrass | | 17.58% | 91.00% | 4.00% | 95.00% | 09/15 | 1.50 | |
| | | ldous opsis Oregon Jains | 11.48% | 97.00% | 0.00% | 97,00% | 10/15 | 1.00 | |
| | | | | 15.00% | 81.00% | 96.00% | 03/15 | 2.50 | |
| | | s Oklahom | | | 0.00% | 98.00% | 09/15 | 1.50 | |
| | VNS Sidenats Grama | Теха5 | 17.04% | 98.00% 0.00% | 0,00 / 0 | | | | |
| | El Reno | | There Are 1 Bags For This Mix | | | Total Bulk Pounds; | | 9 | |
| | Other Crop: Weed Seed: Inert Matter: | | here Are 1 E his Bag Wei Ise This Bag | ons 8.58 Bu | IK FOUIDS | | | | |

Supervisor:

Appendix V

FINAL C-141

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised October 10, 2003

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 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 | x 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 Red Hills 21 Fed Com #2H | Facility Type Producing Oil Web | 11 | |
| Surface Owner BLM | Mineral Owner BLM | Lease No. 30-025- | 40391 |

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| С | 21 | 26S | 32E | 150 | North | 2350 | West | Lea |

Latitude 32.0351868 Longitude -103.6810074

NATURE OF RELEASE

| Type of Release Produced Water/Oil | Volume of Release Historic | Volume Re | covered Historic | | | | | |
|--|---|------------------|-----------------------------|--|--|--|--|--|
| Source of Release N/A | Date and Hour of Occurrence H | Date and H | our of Discovery Historic | | | | | |
| Was Immediate Notice Given? | If YES, To Whom? | | | | | | | |
| 🗌 Yes 🗔 No 🗌 Not Required | | | | | | | | |
| By Whom? | Date and Hour | | | | | | | |
| Was a Watercourse Reached? | If YES, Volume Impacting the Wa | tercourse. | | | | | | |
| Yes X No | | | | | | | | |
| If a Watercourse was Impacted, Describe Fully.* | | | | | | | | |
| is a mainteourse was unpartice runy, | | | | | | | | |
| | | | 97 | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Describe Cause of Problem and Remedial Action Taken.* | | | | | | | | |
| N/A | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Describe Area Affected and Cleanup Action Taken.* | | | | | | | | |
| Diversified Environmental excavated the areas of SP #1 to 1' BGS. The areas of SP #2 and SP #3 were excavated to 2' BGS. Bottom confirmation samples were taken | | | | | | | | |
| to commercial lab. The pasture area was backfilled with native topsoil, and th | - | | M-2 seed was installed over | | | | | |
| pasture area. All contaminated materials were hauled to an approved state d | sposal. The site was returned to its previo | ous state. | | | | | | |
| I hereby certify that the information given above is true and complete to | the heat of my knowledge and underst | and that puren | apt to NMOCD rules and | | | | | |
| regulations all operators are required to report and/or file certain release | notifications and perform corrective a | ctions for relea | uses which may endanger | | | | | |
| 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. | | | | | | | | |
| O Ai | OIL CONSERVATION DIVISION | | | | | | | |
| Simulture A Harmond | | | | | | | | |
| Signature: - Twoman | | | | | | | | |
| Printed Name: Lack Thomas | Approved by District Supervisor: | | | | | | | |
| | | | | | | | | |
| Title: Environmental Rep. | Approval Date: | Expiration D | ate: | | | | | |
| The set 1 Address of the max Omer the upper game | | | | | | | | |
| E-mail Address: zthomas@mewbourne.com | Conditions of Approval: Attached | | | | | | | |
| Date: 11-20-15 Phone: 575-602-2188 | | | | | | | | |

* Attach Additional Sheets If Necessary