

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

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 ☒ Final Report

| | |
|--|---|
| Name of Company Pro New Mexico Energy | Contact Tim Merilatt |
| Address 460 St. Michaels Dr. Santa Fe NM 87505 | Telephone No. 505-330-0718 |
| Facility Name Bisti Max 24F #1 | Facility Type Production Oil Well and Storage Tanks |

| | | |
|--|-------------------------------------|--------------------------|
| Surface Owner Federal API # 30-045-34692 | Mineral Owner Pro New Mexico Energy | Lease No. NO-G 9909-1358 |
|--|-------------------------------------|--------------------------|

LOCATION OF RELEASE

| | | | | | | | | |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|----------|
| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
| SE/NW | 24 | 25N | 11W | South Line | | West Line | | San Juan |
| | | | | 700 | | 1950 | | |

Latitude _____ Longitude _____

NATURE OF RELEASE

| | | |
|--|--|---|
| Type of Release Crude Oil | Volume of Release 141 BBLS | Volume Recovered 77 BBLS |
| Source of Release Broken Valve on the back of the tank | Date and Hour of Occurrence Unknown, Probably 1/28/09 | Date and Hour of Discovery 1/29/09 @ 1 PM |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? OCD Brandon Powell, BLM John Coy | |
| By Whom? Tim Merilatt | Date and Hour 1:30 PM | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

RCVD MAR 2 '09

If a Watercourse was Impacted, Describe Fully.*

OIL CONS. DIV.
DIST. 3

Describe Cause of Problem and Remedial Action Taken * Free Oil was picked up by water truck on 1/29/09, trenches were dug to allow more oil to pool. The following day more oil was recovered and cleanup begun.

Describe Area Affected and Cleanup Action Taken.* The affected area was contained to the tank area inside the firewalls. Fence around facility was removed and contaminated soil was removed. Soil samples were taken on 2/13/09 and the results were provided by Envirotech on 2/17/09 indicating the soil was clean. Results were verbally given to Brandon Powell on 2/17/09 and cleanup was continued. The cleanup was completed on Monday, February 23, 2009.

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 | Approved by District Supervisor <i>Brandon Powell</i> For: Charlie Perrin | | |
| Printed Name Timothy L Merilatt | Approval Date 3/2/09 | Expiration Date | |
| Title Contract Pumper | Conditions of Approval | | Attached <input type="checkbox"/> |
| E-mail Address: tmerilatt@hotmail.com | | | |
| Date | Phone: 505-330-0718 | | |

* Attach Additional Sheets If Necessary

nBP09189486 30

**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

| | | | |
|----------------------|-----------------------|---------------------|------------|
| Client: | Pro New Mexico Energy | Project #: | 09014-0002 |
| Sample ID: | H2O Tank Area | Date Reported: | 02-17-09 |
| Laboratory Number: | 48976 | Date Sampled: | 02-13-09 |
| Chain of Custody No: | 6345 | Date Received: | 02-13-09 |
| Sample Matrix: | Soil | Date Extracted: | 02-13-09 |
| Preservative: | Cool | Date Analyzed: | 02-16-09 |
| Condition: | Intact | Analysis Requested: | 8015 TPH |

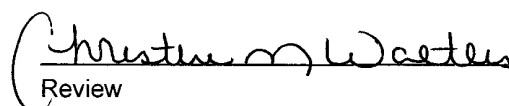
| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10) | 13.8 | 0.2 |
| Diesel Range (C10 - C28) | 29.5 | 0.1 |
| Total Petroleum Hydrocarbons | 43.3 | 0.2 |

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: **Bisti Max 24F #1.**


Analyst


Review



envirotech
Analytical Laboratory

**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

| | | | |
|----------------------|-----------------------|---------------------|------------|
| Client: | Pro New Mexico Energy | Project #: | 09014-0002 |
| Sample ID: | Production Unit Area | Date Reported: | 02-17-09 |
| Laboratory Number: | 48977 | Date Sampled: | 02-13-09 |
| Chain of Custody No: | 6345 | Date Received: | 02-13-09 |
| Sample Matrix: | Soil | Date Extracted: | 02-13-09 |
| Preservative: | Cool | Date Analyzed: | 02-16-09 |
| Condition: | Intact | Analysis Requested: | 8015 TPH |

| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10) | 2.8 | 0.2 |
| Diesel Range (C10 - C28) | 6.3 | 0.1 |
| Total Petroleum Hydrocarbons | 9.1 | 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: **Bisti Max 24F #1.**

Analyst

Review



envirotech

Analytical Laboratory

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

| | | | |
|--------------------|--------------------|---------------------|----------|
| Client: | QA/QC | Project #: | N/A |
| Sample ID: | 02-16-09 QA/QC | Date Reported: | 02-17-09 |
| Laboratory Number: | 48976 | Date Sampled: | N/A |
| Sample Matrix: | Methylene Chloride | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 02-16-09 |
| Condition: | N/A | Analysis Requested: | TPH |

| | I-Cal Date | I-Cal RF | C-Cal RF | % Difference | Accept Range |
|-------------------------|------------|-------------|-------------|--------------|--------------|
| Gasoline Range C5 - C10 | 05-07-07 | 9.9844E+002 | 9.9884E+002 | 0.04% | 0 - 15% |
| Diesel Range C10 - C28 | 05-07-07 | 9.8626E+002 | 9.8665E+002 | 0.04% | 0 - 15% |

| Blank Conc. (mg/L - mg/Kg) | Concentration | Detection Limit |
|------------------------------|---------------|-----------------|
| Gasoline Range C5 - C10 | ND | 0.2 |
| Diesel Range C10 - C28 | ND | 0.1 |
| Total Petroleum Hydrocarbons | ND | 0.2 |

| Duplicate Conc. (mg/Kg) | Sample | Duplicate | % Difference | Accept Range |
|-------------------------|--------|-----------|--------------|--------------|
| Gasoline Range C5 - C10 | 13.8 | 12.6 | 8.7% | 0 - 30% |
| Diesel Range C10 - C28 | 29.5 | 30.3 | 2.7% | 0 - 30% |

| Spike Conc. (mg/Kg) | Sample | Spike Added | Spike Result | % Recovery | Accept Range |
|-------------------------|--------|-------------|--------------|------------|--------------|
| Gasoline Range C5 - C10 | 13.8 | 250 | 269 | 102% | 75 - 125% |
| Diesel Range C10 - C28 | 29.5 | 250 | 287 | 103% | 75 - 125% |

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: QA/QC for Sample 48976 - 48980.

Analyst

Review



| | | | |
|--------------------|-----------------------|---------------------|------------|
| Client: | Pro New Mexico Energy | Project #: | 09014-0002 |
| Sample ID: | H2O Tank Area | Date Reported: | 02-17-09 |
| Laboratory Number: | 48976 | Date Sampled: | 02-13-09 |
| Chain of Custody: | 6345 | Date Received: | 02-13-09 |
| Sample Matrix: | Soil | Date Analyzed: | 02-16-09 |
| Preservative: | Cool | Date Extracted: | 02-13-09 |
| Condition: | Intact | Analysis Requested: | BTEX |

| Parameter | Concentration (ug/Kg) | Det. Limit (ug/Kg) |
|--------------|--------------------------|--------------------------|
| Benzene | 21.3 | 0.9 |
| Toluene | 53.4 | 1.0 |
| Ethylbenzene | 27.2 | 1.0 |
| p,m-Xylene | 201 | 1.2 |
| o-Xylene | 70.5 | 0.9 |
| Total BTEX | 373 | |

ND - Parameter not detected at the stated detection limit.

| Surrogate Recoveries: | Parameter | Percent Recovery |
|-----------------------|---------------------|------------------|
| | Fluorobenzene | 97.0 % |
| | 1,4-difluorobenzene | 97.0 % |
| | Bromochlorobenzene | 97.0 % |

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: Bisti Max 24F #1.

Analyst

Review

| | | | |
|--------------------|-----------------------|---------------------|------------|
| Client: | Pro New Mexico Energy | Project #: | 09014-0002 |
| Sample ID: | Production Unit Area | Date Reported: | 02-17-09 |
| Laboratory Number: | 48977 | Date Sampled: | 02-13-09 |
| Chain of Custody: | 6345 | Date Received: | 02-13-09 |
| Sample Matrix: | Soil | Date Analyzed: | 02-16-09 |
| Preservative: | Cool | Date Extracted: | 02-13-09 |
| Condition: | Intact | Analysis Requested: | BTEX |

| Parameter | Concentration (ug/Kg) | Det. Limit (ug/Kg) |
|-------------------|--------------------------|--------------------------|
| Benzene | 27.2 | 0.9 |
| Toluene | 16.1 | 1.0 |
| Ethylbenzene | 8.8 | 1.0 |
| p,m-Xylene | 47.8 | 1.2 |
| o-Xylene | 22.5 | 0.9 |
| Total BTEX | 122 | |

ND - Parameter not detected at the stated detection limit.

| Surrogate Recoveries: | Parameter | Percent Recovery |
|-----------------------|---------------------|------------------|
| | Fluorobenzene | 98.0 % |
| | 1,4-difluorobenzene | 98.0 % |
| | Bromochlorobenzene | 98.0 % |

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

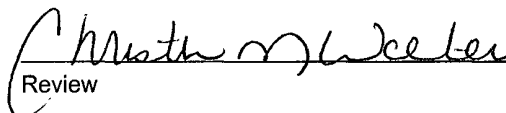
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Bisti Max 24F #1.**

Analyst



Review



| | | | |
|--------------------|-----------------|----------------|----------|
| Client: | N/A | Project #: | N/A |
| Sample ID: | 02-16-BTX QA/QC | Date Reported: | 02-17-09 |
| Laboratory Number: | 48976 | Date Sampled: | N/A |
| Sample Matrix: | Soil | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 02-16-09 |
| Condition: | N/A | Analysis: | BTEX |

| Calibration and Detection Limits (ug/L) | I-Cal RF: | C-Cal RF: | %Diff. | Blank Conc | Detect. Limit |
|--|-------------|-----------------------|--------|---------------|------------------|
| | | Accept. Range 0 - 15% | | | |
| Benzene | 1.8656E+005 | 1.8694E+005 | 0.2% | ND | 0.1 |
| Toluene | 1.6936E+005 | 1.6970E+005 | 0.2% | ND | 0.1 |
| Ethylbenzene | 1.5865E+005 | 1.5897E+005 | 0.2% | ND | 0.1 |
| p,m-Xylene | 4.0561E+005 | 4.0643E+005 | 0.2% | ND | 0.1 |
| o-Xylene | 1.7966E+005 | 1.8003E+005 | 0.2% | ND | 0.1 |


| Duplicate Conc. (ug/Kg) | Sample | Duplicate | %Diff. | Accept Range | Detect. Limit |
|-------------------------|--------|-----------|--------|--------------|---------------|
| Benzene | 21.3 | 21.2 | 0.5% | 0 - 30% | 0.9 |
| Toluene | 53.4 | 53.0 | 0.7% | 0 - 30% | 1.0 |
| Ethylbenzene | 27.2 | 27.2 | 0.0% | 0 - 30% | 1.0 |
| p,m-Xylene | 201 | 201 | 0.0% | 0 - 30% | 1.2 |
| o-Xylene | 70.5 | 70.1 | 0.6% | 0 - 30% | 0.9 |

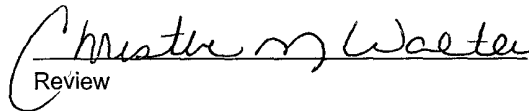
| Spike Conc. (ug/Kg) | Sample | Amount Spiked | Spiked Sample | % Recovery | Accept Range |
|---------------------|--------|---------------|---------------|------------|--------------|
| Benzene | 21.3 | 50.0 | 70.8 | 99.3% | 39 - 150 |
| Toluene | 53.4 | 50.0 | 100 | 97.0% | 46 - 148 |
| Ethylbenzene | 27.2 | 50.0 | 76.3 | 98.8% | 32 - 160 |
| p,m-Xylene | 201 | 100 | 296 | 98.2% | 46 - 148 |
| o-Xylene | 70.5 | 50.0 | 118 | 98.3% | 46 - 148 |

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
 Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 48976 - 48982.

Analyst 

Review 

CHAIN OF CUSTODY RECORD

6345

| Client: New Mexico Energy | | | Project Name / Location: Bisti Max 245 #1 | | | ANALYSIS / PARAMETERS | | | | | | | | | | | | | | |
|-----------------------------------|-------------|-------------|--|---------------|--------------------------|---------------------------------------|--------------------------|-------------------|---------------|----------------|-----|---------------|------|-------------|----------|--|--|--|-------------|---------------|
| Client Address: | | | Sampler Name: Tim Meilatt | | | TPH (Method 8015) | BTEX (Method 8021) | VOC (Method 8260) | RCRA 8 Metals | Cation / Anion | RCI | TCLP with H/P | PAH | TPH (418.1) | CHLORIDE | | | | Sample Cool | Sample Intact |
| Client Phone No.: 505-830-0718 | | | Client No.: 09014-0002 | | | | | | | | | | | | | | | | | |
| Sample No./ Identification | Sample Date | Sample Time | Lab No. | Sample Matrix | No./Volume of Containers | Preservative HgCl ₂ HCl | | | | | | | | | | | | | | |
| H ₂ O Tank Area | 2/13/09 | 10:30 AM | 48976 | Soil Solid | Sludge Aqueous | | | | | | | | | | | | | | ✓ | ✓ |
| Production Unit Area | 2/13/09 | 10:30 AM | 48977 | Soil Solid | Sludge Aqueous | | | | | | | | | | | | | | ✓ | ✓ |
| | | | | Soil Solid | Sludge Aqueous | | | | | | | | | | | | | | | |
| | | | | Soil Solid | Sludge Aqueous | | | | | | | | | | | | | | | |
| | | | | Soil Solid | Sludge Aqueous | | | | | | | | | | | | | | | |
| | | | | Soil Solid | Sludge Aqueous | | | | | | | | | | | | | | | |
| | | | | Soil Solid | Sludge Aqueous | | | | | | | | | | | | | | | |
| | | | | Soil Solid | Sludge Aqueous | | | | | | | | | | | | | | | |
| | | | | Soil Solid | Sludge Aqueous | | | | | | | | | | | | | | | |
| | | | | Soil Solid | Sludge Aqueous | | | | | | | | | | | | | | | |
| | | | | Soil Solid | Sludge Aqueous | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | | | | Date | Time | Received by: (Signature) | | | | | Date | Time | | | | | | | |
| | | | | | 2/13/09 | 2:16 PM | | | | | | 2/13/09 | 1416 | | | | | | | |
| Relinquished by: (Signature) | | | | | | | Received by: (Signature) | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | | | | | | Received by: (Signature) | | | | | | | | | | | | | |

Call w/ verbals

ENVIROTECH INC.

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615