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

JUN 26 2009

Form C-144
July 21, 2008

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.
For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Type of action: ☐ Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method
x Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method
☐ Modification to an existing permit
☐ Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.
Operator: Mewbourne Oil Company OGRID #:14744
Address: P.O. Box 5270, Hobbs NM 88241
Facility or well name: Quick Draw 10 I #1
API Number: 30-015-36584 OCD Permit Number:
U/L or Qtr/Qtr I Section 10 Township 20S Range 25E County: Eddy
Center of Proposed Design: Latitude N 32° 35'07" Longitude W 104° 27'53" NAD: x 1927 ☐ 1983
Surface Owner: ☐ Federal ☐ State x Private ☐ Tribal Trust or Indian Allotment

2.
x **Pit:** Subsection F or G of 19.15.17.11 NMAC
Temporary: x Drilling x Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A
x Lined ☐ Unlined Liner type: Thickness 20 mil x LLDPE ☐ HDPE ☐ PVC ☐ Other
x String-Reinforced
Liner Seams: x Welded x Factory ☐ Other Volume: 2500 bbl Dimensions: L70' x W20' x D10'

3.
☐ **Closed-loop System:** Subsection H of 19.15.17.11 NMAC
Type of Operation: ☐ P&A ☐ Drilling a new well ☐ Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)
☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other
☐ Lined ☐ Unlined Liner type: Thickness mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other
Liner Seams: ☐ Welded ☐ Factory ☐ Other

4.
☐ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC
Volume: bbl Type of fluid:
Tank Construction material:
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other
Liner type: Thickness mil ☐ HDPE ☐ PVC ☐ Other

5.
☐ **Alternative Method:**
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

6.

Fencing: Subsection D of 19.15.17.11 NMAC *(Applies to permanent pits, temporary pits, and below-grade tanks)*

☐ Chain link, six feet in height, two strands of barbed wire at top *(Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)*

☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet

☐ Alternate. Please specify_____

7.

Netting: Subsection E of 19.15.17.11 NMAC *(Applies to permanent pits and permanent open top tanks)*

☐ Screen ☐ Netting ☐ Other_____

☐ Monthly inspections (If netting or screening is not physically feasible)

8.

Signs: Subsection C of 19.15.17.11 NMAC

☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☐ Signed in compliance with 19.15.3.103 NMAC

9.

Administrative Approvals and Exceptions:

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

Please check a box if one or more of the following is requested, if not leave blank:

☐ Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau office for consideration of approval.

☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

10.

Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. **Siting criteria does not apply to drying pads or above-grade tanks associated with a closed-loop system.**

Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS: Data obtained from nearby wells	☐ Yes ☐ No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. *(Applies to temporary, emergency, or cavitation pits and below-grade tanks)* - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No ☐ NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. *(Applies to permanent pits)* - Visual inspection (certification) of the proposed site: Aerial photo; Satellite image	☐ Yes ☐ No ☐ NA
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map, Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☐ No

11.
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- ☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

12.
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9
- ☐ Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____

☐ Previously Approved Operating and Maintenance Plan API Number: _____ *(Applies only to closed-loop system that use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)*

13.
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including H_2S, Prevention Plan
- ☐ Emergency Response Plan
- ☐ Oil Field Waste Stream Characterization
- ☐ Monitoring and Inspection Plan
- ☐ Erosion Control Plan
- ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

14.
Proposed Closure: 19.15.17.13 NMAC
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

Type: ☐ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☐ Below-grade Tank ☐ Closed-loop System ☐ Alternative

Proposed Closure Method:
- ☐ Waste Excavation and Removal
- ☐ Waste Removal (Closed-loop systems only)
- ☐ On-site Closure Method (Only for temporary pits and closed-loop systems)
  - ☐ In-place Burial ☐ On-site Trench Burial
- ☐ Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)

15.
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- ☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

16.

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC)

Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number. _____

Will any of the proposed closed-loop system operations and associated activities occur on or in areas that *will not* be used for future service and operations?

☐ Yes (If yes, please provide the information below) ☐ No

Required for impacted areas which will not be used for future service and operations:

☐ Soil Backfill and Cover Design Specifications - - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC

☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

17.

Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC

Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☐ No

18

On-Site Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

☐ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC

☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC

☐ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC

☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC

☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC

☐ Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC

☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)

☐ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC

☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

19.
Operator Application Certification:

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

20.
OCD Approval: ☐ Permit Application (including closure plan) ☐ Closure Plan (only) ☐ OCD Conditions (see attachment)

OCD Representative Signature: _____ **Approval Date:** _____

Title: _____ **OCD Permit Number:** _____

21.
Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

x **Closure Completion Date: 01/29/2009**

22.
Closure Method:

☐ Waste Excavation and Removal x On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)

☐ If different from approved plan, please explain.

23.
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:

Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Were the closed-loop system operations and associated activities performed on or in areas that *will not* be used for future service and operations?

☐ Yes (If yes, please demonstrate compliance to the items below) ☐ No

Required for impacted areas which will not be used for future service and operations:

☐ Site Reclamation (Photo Documentation)

☐ Soil Backfilling and Cover Installation

☐ Re-vegetation Application Rates and Seeding Technique

24.
Closure Report Attachment Checklist: ***Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.***

x Proof of Closure Notice (surface owner and division)

x Proof of Deed Notice (required for on-site closure)

x Plot Plan (for on-site closures and temporary pits)

☐ Confirmation Sampling Analytical Results (if applicable)

x Waste Material Sampling Analytical Results (required for on-site closure)

☐ Disposal Facility Name and Permit Number

x Soil Backfilling and Cover Installation

☐ Re-vegetation Application Rates and Seeding Technique

Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude 32° 58'533" N_____ Longitude 104° 46'516"_____ NAD: x1927 ☐ 1983

25.
Operator Closure Certification:

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): N.M. Young Title: District Manager

Signature: N.M. Young Date: 6/10/09

e-mail address: _____ Telephone: 575-393-5905

Accepted for record
NMOCD
JUN 26 2009

June 10, 2009

JUN 26 2009

Mike Bratcher
New Mexico Oil Conservation Division
District 2 office
1301 W. Grand Avenue
Artesia, New Mexico 88210

RE: **Request for closure of the QUICK DRAW 10 I #1.**

In January 2009, Talon/LPE was contracted by the Mewbourne Oil Company to perform the pit closure activities at the QUICK DRAW 10 I #1, API# 30-015-36584, Unit I Sec 10-T20S-R25E, in Eddy county New Mexico.

Talon contacted Mike Bratcher on January 8, 2009 to inform him that the pit closure activities at the Quick Draw 10 I #1 was scheduled to commence on January 13, 2009. On January 13, 2009 Talon mixed the soil to stabilize and prepare it for sampling. Sherry Bonham was notified that the pit was ready for sampling on January 14, 2009 and verbal permission was given to proceed with the sampling event. A five point composite of the drill cuttings was collected and sent to Trace Analysis Inc in Lubbock, Texas for the required analysis. When analytical results were received it was determined that the combined GRO, DRO total was above regulatory limits. On January 20, 2009 Talon mixed the drill cuttings with more clean fill material and re-sampled the drill cuttings, collecting a five point composite sample, on January 22, 2009 with verbal permission from Mike Bratcher. The sample was sent to Trace Analysis Inc in Lubbock, Texas and tested for BTEX, GRO, and DRO. When analytical results were received it was determined that the reserve pit could be closed in place. On January 22, 2009 Talon folded the pit liner into the pit and covered with non-waste containing earthen material. Due to the reserve pit being constructed on the location on seeding occurred and will be done at the cessation of production during the reclamation process.

This reserve pit was on property owned by Steve Willard and a deed notification has been filed with the Eddy county New Mexico County Clerk. A steel marker marking the location of the reserve pit was placed at 32° 58' 533" N, 104° 46' 516".

After review of attached documents and analysis by the NMOCD, Talon/LPE, and Mewbourne Oil Company we are requesting that this pit be considered properly closed.

Sincerely,

Eb Taylor
New Mexico Division Manager
Talon/LPE

JUN 26 2009

Deed Notification

Drill cuttings produced during the drilling operations on the Mewbourne Oil Company Quick Draw 10 I #1 well located in Unit letter I of Section 10, T20S, R25E, of Eddy County, New Mexico are buried on this property. A steel marker placed at 32° 58' 533" N, 104° 46' 516" W marks the center of the burial site. The contents are encapsulated in a 20 mil string reinforced LLDPE liner and extend from 4 feet to 12 feet below ground level. The burial location extends 11 feet to the south, 11 feet to the north, 40 feet to the east, and 40 feet to the west of the marker.

N. M. Young
District Manager
Hobbs, N. M.

Signed 6/10/09 by N M Young of Mewbourne Oil Company.

OFFICIAL SEAL
Jackie L. Lathan
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: 7/18/2012

Jackie L Lathan
Notary

Commission expires 7/18/2012

The foregoing instrument was acknowledged before me this 10 day of June 2009 by N M Young of Mewbourne Oil Company.

COUNTY CLERK SEAL EDDY COUNTY NEW MEXICO

Jackie L Lathan

RECEPTION NO: 0906238 STATE OF NEW MEXICO, COUNTY OF EDDY
RECORDED 06/24/2009 10:42 AM
BOOK 0781 PAGE 0871
DARLENE ROSPRIM, COUNTY CLERK

TALEN/LPE
104 W HERMOSA DR
ARTESIA NM 88210

Submit To Appropriate District Office
Two Copies
District I
1625 N French Dr , Hobbs NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd , 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-105
July 17, 2008

1. WELL API NO.
30-015-36584

2 Type of Lease
☐ STATE x FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing

☐ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)

x **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19.15 17.13.K NMAC)

5 Lease Name or Unit Agreement Name Quick Draw

6 Well Number: 101#1

7 Type of Completion
x NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8 Name of Operator
Mewbourne Oil Company

9 OGRID 14744

10. Address of Operator

P O. Box 5270 Hobbs New Mexico 88241

11. Pool name or Wildcat

12.Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:										
BH:										

13. Date Spudded	14 Date T D. Reached	15. Date Rig Released	16 Date Completed (Ready to Produce)	17. Elevations (DF and RKB. RT, GR, etc)
		11/27/08		

18 Total Measured Depth of Well	19 Plug Back Measured Depth	20 Was Directional Survey Made?	21 Type Electric and Other Logs Run

22. Producing Interval(s), of this completion - Top, Bottom, Name

23 **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25 TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26 Perforation record (interval, size, and number)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

28 **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio

Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - *(Corr.)*

29 Disposition of Gas *(Sold, used for fuel, vented, etc.)*

30 Test Witnessed By

31 List Attachments

32 If a temporary pit was used at the well, attach a plat with the location of the temporary pit

33 If an on-site burial was used at the well, report the exact location of the on-site burial

Latitude 32° 58' 533" N Longitude 104° 46' 516" W NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature [signature] Printed Name NM Young Title District Manager Date 4/10/09

E-mail Address

MEWBOURNE OIL COMPANY
701 S. CECIL
PO BOX 5270
HOBBS, NM 88240
(575) 393-5905
(575) 397-6252 FAX

October 29, 2008

Steve Willard
PO Box 1174
Artesia, NM 88211

Dear Mr. Willard:

This letter is to inform the surface owners that future wells located in the sections listed below may utilize temporary pits to be constructed & closed, as required by the NMOCD, adjacent to the well site locations.

Sec 10 & 15
T20S, R25E
Eddy, Co., NM

Thank you,

Charles Martin

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Steve Willard
PO Box 1174
Artesia, NM 88211

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) [signature] C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

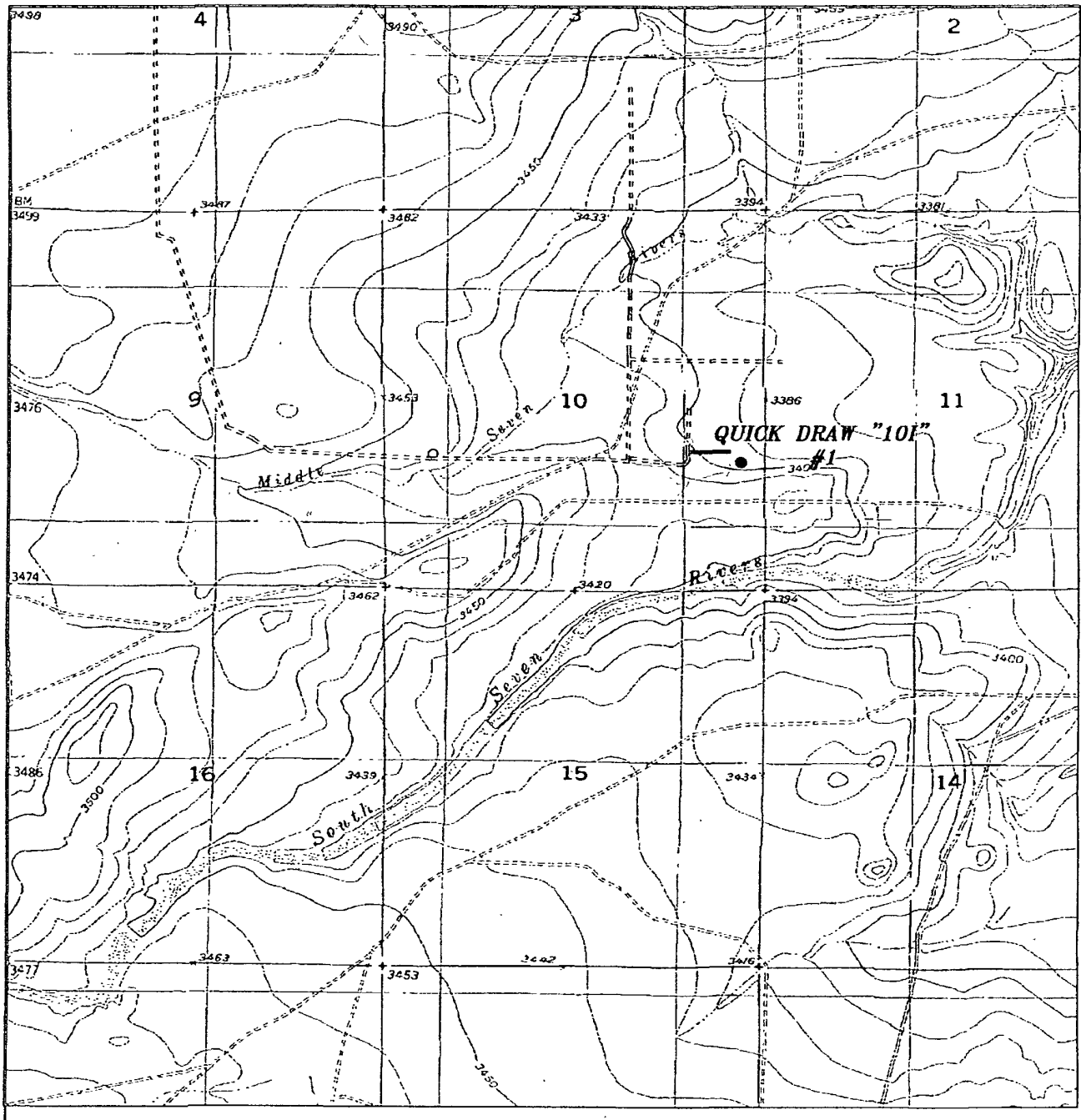
MAY 31 2009 ARTESIA NM 88210

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☑ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7007 2560 0003 0324 9352

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540



QUICK DRAW "10I" #1
Located 1790' FSL and 330' FEL
Section 10, Township 20 South, Range 25 East,
N.M.P.M., Eddy County, New Mexico.

basin surveys
focused on excellence in the oilfield

P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241
(575) 393-7316 - Office
(575) 392-2206 - Fax
basinsurveys.com

W.O. Number:	20345 JMS
Survey Date:	08-25-2008
Scale:	1" = 2000'
Date:	08-26-2008

MEWBOURNE OIL CO.

TRACEANALYSIS, INC.

Certifications

WBENC: 237019 **HUB:** 1752439743100-86536 **DBE:** VN 20657
NCTRCA WFWB38444Y0909

NELAP Certifications

Lubbock: T104704219-08-TX LELAP-02003 Kansas E-10317 **El Paso:** T104704221-08-TX LELAP-02002 **Midland:** T104704392-08-TX

Analytical and Quality Control Report

Eb Taylor
Talon LPE-Hobbs
318 E Taylor
Hobbs, NM, 88240

Report Date: January 16, 2009

Work Order: 9011522

Project Location: Eddy Co., NM
Project Name: Quick Draw 10 I-#1
Project Number: MEWBOU038PIT

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
184786	Drill Cuttings	soil	2009-01-14	08:15	2009-01-15

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project Quick Draw 10 I-#1 were received by TraceAnalysis, Inc. on 2009-01-15 and assigned to work order 9011522. Samples for work order 9011522 were received intact at a temperature of 3.2 deg. C.

Samples were analyzed for the following tests using their respective methods.

Test	Method
BTEX	S 8021B
Chloride (Titration)	SM 4500-Cl B
TPH 418.1	E 418.1
TPH DRO	Mod. 8015B
TPH GRO	S 8015B

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 9011522 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 184786 - Drill Cuttings

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method.	S 5035
QC Batch:	56030	Date Analyzed:	2009-01-15	Analyzed By:	ME
Prep Batch:	47889	Sample Preparation:	2009-01-15	Prepared By:	ME

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.273**	mg/Kg	1	0.0100
Toluene		**0.376**	mg/Kg	1	0.0100
Ethylbenzene		**0.160**	mg/Kg	1	0.0100
Xylene		**1.93**	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.976	mg/Kg	1	1.00	98	68 - 136.9
4-Bromofluorobenzene (4-BFB)		1.43	mg/Kg	1	1.00	143	48.2 - 155

Sample: 184786 - Drill Cuttings

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	56051	Date Analyzed:	2009-01-16	Analyzed By:	AR
Prep Batch:	47901	Sample Preparation:	2009-01-16	Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**423**	mg/Kg	50	4.00

Sample: 184786 - Drill Cuttings

Laboratory:	Lubbock				
Analysis:	TPH 418.1	Analytical Method:	E 418.1	Prep Method:	N/A
QC Batch:	56048	Date Analyzed:	2009-01-16	Analyzed By:	CM
Prep Batch:	47898	Sample Preparation:	2009-01-16	Prepared By:	CM

Parameter	Flag	RL Result	Units	Dilution	RL
TRPHC		**927**	mg/Kg	1	10.0

Sample: 184786 - Drill Cuttings

Laboratory:	Midland				
Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method.	N/A
QC Batch:	56040	Date Analyzed:	2009-01-15	Analyzed By:	AG
Prep Batch:	47892	Sample Preparation:	2009-01-15	Prepared By.	AG

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**885**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		154	mg/Kg	1	100	154	10 - 250.4

Sample: 184786 - Drill Cuttings

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	56032	Date Analyzed:	2009-01-15	Analyzed By:	ME
Prep Batch:	47889	Sample Preparation:	2009-01-15	Prepared By:	ME

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**93.9**	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.989	mg/Kg	1	1.00	99	67.5 - 135.2
4-Bromofluorobenzene (4-BFB)	[1]	1.78	mg/Kg	1	1.00	178	63.8 - 141

Method Blank (1) QC Batch: 56030

QC Batch:	56030	Date Analyzed:	2009-01-15	Analyzed By:	ME
Prep Batch:	47889	QC Preparation:	2009-01-15	Prepared By:	ME

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00580	mg/Kg	0.01
Toluene		<0.00470	mg/Kg	0.01
Ethylbenzene		<0.00530	mg/Kg	0.01
Xylene		<0.0136	mg/Kg	0.01

[1] High surrogate recovery due to peak interference.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.00	mg/Kg	1	1.00	100	48.3 - 132.5
4-Bromofluorobenzene (4-BFB)		0.996	mg/Kg	1	1.00	100	37.7 - 128.9

Method Blank (1) QC Batch: 56032

QC Batch: 56032 | Date Analyzed: 2009-01-15 | Analyzed By: ME
Prep Batch: 47889 | QC Preparation: 2009-01-15 | Prepared By: ME

Parameter	Flag	MDL Result	Units	RL
GRO		0.518	mg/Kg	1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.00	mg/Kg	1	1.00	100	39.2 - 135.2
4-Bromofluorobenzene (4-BFB)		0.951	mg/Kg	1	1.00	95	16.8 - 138.1

Method Blank (1) QC Batch: 56040

QC Batch: 56040 | Date Analyzed: 2009-01-15 | Analyzed By: AG
Prep Batch: 47892 | QC Preparation: 2009-01-15 | Prepared By: AG

Parameter	Flag	MDL Result	Units	RL
DRO		<15.8	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		70.6	mg/Kg	1	100	71	30.9 - 146.4

Method Blank (1) QC Batch: 56048

QC Batch: 56048 | Date Analyzed: 2009-01-16 | Analyzed By: CM
Prep Batch: 47898 | QC Preparation: 2009-01-16 | Prepared By: CM

Parameter	Flag	MDL Result	Units	RL
TRPHC		<5.28	mg/Kg	10

Method Blank (1) QC Batch: 56051

QC Batch:	56051	Date Analyzed:	2009-01-16	Analyzed By:	AR
Prep Batch:	47901	QC Preparation:	2009-01-16	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.01	mg/Kg	4

Laboratory Control Spike (LCS-1)

QC Batch:	56030	Date Analyzed:	2009-01-15	Analyzed By:	ME
Prep Batch:	47889	QC Preparation:	2009-01-15	Prepared By:	ME

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	1.02	mg/Kg	1	1.00	<0.00580	102	73.3 - 116.6
Toluene	1.02	mg/Kg	1	1.00	<0.00470	102	78.6 - 115.1
Ethylbenzene	0.996	mg/Kg	1	1.00	<0.00530	100	77 4 - 114.9
Xylene	3.02	mg/Kg	1	3.00	<0.0136	101	78.2 - 114.7

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.925	mg/Kg	1	1.00	<0.00580	92	73.3 - 116.6	10	20
Toluene	0.934	mg/Kg	1	1.00	<0.00470	93	78.6 - 115.1	9	20
Ethylbenzene	0.945	mg/Kg	1	1.00	<0.00530	94	77.4 - 114.9	5	20
Xylene	2.84	mg/Kg	1	3.00	<0.0136	95	78.2 - 114.7	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec Limit
Trifluorotoluene (TFT)	1.06	1.03	mg/Kg	1	1.00	106	103	45 - 124.2
4-Bromofluorobenzene (4-BFB)	1.04	1.02	mg/Kg	1	1.00	104	102	47.2 - 130.4

Laboratory Control Spike (LCS-1)

QC Batch:	56032	Date Analyzed:	2009-01-15	Analyzed By:	ME
Prep Batch:	47889	QC Preparation:	2009-01-15	Prepared By:	ME

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	7.90	mg/Kg	1	10.0	<0.442	79	57.5 - 106.4

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	7.48	mg/Kg	1	10.0	<0.442	75	57.5 - 106.4	6	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.02	1.01	mg/Kg	1	1.00	102	101	63.8 - 134.3
4-Bromofluorobenzene (4-BFB)	0.990	0.973	mg/Kg	1	1.00	99	97	53.3 - 123.6

Laboratory Control Spike (LCS-1)

QC Batch: 56040 | Date Analyzed: 2009-01-15 | Analyzed By: AG
Prep Batch: 47892 | QC Preparation: 2009-01-15 | Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	232	mg/Kg	1	250	<15.8	93	27.8 - 152.1

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	250	mg/Kg	1	250	<15.8	100	27.8 - 152.1	8	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
n-Triacontane	88.9	90.8	mg/Kg	1	100	89	91	38 - 130.4

Laboratory Control Spike (LCS-1)

QC Batch: 56048 | Date Analyzed: 2009-01-16 | Analyzed By: CM
Prep Batch: 47898 | QC Preparation: 2009-01-16 | Prepared By: CM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TRPHC	248	mg/Kg	1	250	<5.28	99	75.5 - 136

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
TRPHC	243	mg/Kg	1	250	<5.28	97	75.5 - 136	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 56051 | Date Analyzed: 2009-01-16 | Analyzed By: AR
Prep Batch: 47901 | QC Preparation: 2009-01-16 | Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	97.9	mg/Kg	1	100	<2.01	98	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	100	mg/Kg	1	100	<2.01	100	85 - 115	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 184575

QC Batch: 56030 | Date Analyzed: 2009-01-15 | Analyzed By: ME
Prep Batch: 47889 | QC Preparation: 2009-01-15 | Prepared By: ME

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.910	mg/Kg	1	1.00	<0.00580	91	62.2 - 134.3
Toluene	0.935	mg/Kg	1	1.00	<0.00470	94	62.6 - 145.4
Ethylbenzene	0.969	mg/Kg	1	1.00	0.0919	88	64.6 - 146.4
Xylene	3.05	mg/Kg	1	3.00	0.4934	85	64.3 - 148.8

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.864	mg/Kg	1	1.00	<0.00580	86	62.2 - 134.3	5	20
Toluene	0.906	mg/Kg	1	1.00	<0.00470	91	62.6 - 145.4	3	20
Ethylbenzene	0.953	mg/Kg	1	1.00	0.0919	86	64.6 - 146.4	2	20
Xylene	3.07	mg/Kg	1	3.00	0.4934	86	64.3 - 148.8	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.943	0.950	mg/Kg	1	1	94	95	38.8 - 127.5
4-Bromofluorobenzene (4-BFB)	1.02	1.00	mg/Kg	1	1	102	100	49.3 - 142.4

Matrix Spike (MS-1) Spiked Sample: 184786

QC Batch: 56032 | Date Analyzed: 2009-01-15 | Analyzed By: ME
Prep Batch: 47889 | QC Preparation: 2009-01-15 | Prepared By: ME

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	95.1	mg/Kg	1	10.0	93.8641	12	10 - 139.3

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	107	mg/Kg	1	10.0	93.8641	131	10 - 139.3	12	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.962	0.949	mg/Kg	1	1	96	95	21.3 - 119
4-Bromofluorobenzene (4-BFB) [2]	1.75	1.88	mg/Kg	1	1	175	188	52.5 - 154

Matrix Spike (MS-1) Spiked Sample: 184786

QC Batch: 56040 | Date Analyzed: 2009-01-15 | Analyzed By: AG
Prep Batch: 47892 | QC Preparation: 2009-01-15 | Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	1090	mg/Kg	1	250	885	82	18 - 179.5

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	1040	mg/Kg	1	250	885	62	18 - 179.5	5	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
n-Triacontane	71.7	50.2	mg/Kg	1	100	72	50	34.1 - 158

Matrix Spike (MS-1) Spiked Sample: 184786

QC Batch: 56048 | Date Analyzed: 2009-01-16 | Analyzed By: CM
Prep Batch: 47898 | QC Preparation: 2009-01-16 | Prepared By: CM

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
TRPHC	1030	mg/Kg	1	250	927	41	10 - 354

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

[2]High surrogate recovery due to peak interference.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
TRPHC	1050	mg/Kg	1	250	927	49	10 - 354	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 184983

QC Batch: 56051 | Date Analyzed: 2009-01-16 | Analyzed By: AR
Prep Batch: 47901 | QC Preparation: 2009-01-16 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	5490	mg/Kg	50	5000	382	102	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	5560	mg/Kg	50	5000	382	104	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1)

QC Batch: 56030 | Date Analyzed: 2009-01-15 | Analyzed By: ME

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0979	98	85 - 115	2009-01-15
Toluene		mg/Kg	0.100	0.0993	99	85 - 115	2009-01-15
Ethylbenzene		mg/Kg	0.100	0.0978	98	85 - 115	2009-01-15
Xylene		mg/Kg	0.300	0.294	98	85 - 115	2009-01-15

Standard (CCV-1)

QC Batch: 56030 | Date Analyzed: 2009-01-15 | Analyzed By: ME

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0937	94	85 - 115	2009-01-15
Toluene		mg/Kg	0.100	0.0951	95	85 - 115	2009-01-15
Ethylbenzene		mg/Kg	0.100	0.0940	94	85 - 115	2009-01-15
Xylene		mg/Kg	0.300	0.282	94	85 - 115	2009-01-15

Standard (ICV-1)

QC Batch: 56032 Date Analyzed: 2009-01-15 Analyzed By: ME

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	0.964	96	85 - 115	2009-01-15

Standard (CCV-1)

QC Batch: 56032 Date Analyzed: 2009-01-15 Analyzed By: ME

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	0.853	85	85 - 115	2009-01-15

Standard (ICV-1)

QC Batch: 56040 Date Analyzed: 2009-01-15 Analyzed By: AG

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	230	92	85 - 115	2009-01-15

Standard (CCV-1)

QC Batch: 56040 Date Analyzed: 2009-01-15 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	238	95	85 - 115	2009-01-15

Standard (ICV-1)

QC Batch: 56048 Date Analyzed: 2009-01-16 Analyzed By: CM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TRPHC		mg/Kg	100	102	102	80 - 120	2009-01-16

LAB Order ID # 9011522 Page 1 of 1

TraceAnalysis, Inc.

email: lab@traceanalysis.com

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Company Name: TALON LPE
Phone #: 432 238-6388
Address: (Street, City, Zip) 318 E. TAYLOR HOBBS NM
Fax #:
Contact Person: EB TAYLOR
E-mail:
Invoice to: (If different from above) NEW BOURNE OIL ATTN: CHARLES MARTIN
Project #: NEWB00038 PIT
Project Name: QUICKDRAW 10 I -#1
Project Location (including state): EDDY COUNTY NEW MEXICO
Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
84786	Drill Cuttings	2			X							X		1/14	8:15

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B / 602 / 8260B / 624	BTEX 8021B / 602 / 8260B / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	Chlorides 4500					Turn Around Time if different from standard	Hold
	X	X	X														X					X	

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°C:
	TALON/LPE		1515			1/15/09	1515	
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°C:
		1/15/09	1040		TRACE	1/15/09	10:40	3.2
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°C:

LAB USE ONLY
Intact Y / N
Headspace Y / N / NA
3.2
Log-In-Review

REMARKS:
BTEX, GRO/DRO, Cl - - Midland
418 - Lubbock

- [ ] Dry Weight Basis Required
- [ ] TRRP Report Required
- [ ] Check If Special Reporting Limits Are Needed

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C

Carrier #

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TRACEANALYSIS, INC.

Certifications

WBENC: 237019 **HUB:** 1752439743100-86536 **DBE:** VN 20657
NCTRCA WFWB38444Y0909

NELAP Certifications

Lubbock: T104704219-08-TX LELAP-02003 Kansas E-10317 **El Paso:** T104704221-08-TX LELAP-02002 **Midland:** T104704392-08-TX

Analytical and Quality Control Report

Eb Taylor
Talon LPE-Hobbs
318 E Taylor
Hobbs, NM, 88240

Report Date: January 28, 2009

Work Order: 9012619

Project Location: Eddy Co., NM
Project Name: Quick Draw 10 I-#1
Project Number: MEWBOU038PIT

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
185818	Drill Cuttings	soil	2009-01-22	14.00	2009-01-26

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project Quick Draw 10 I-#1 were received by TraceAnalysis, Inc. on 2009-01-26 and assigned to work order 9012619. Samples for work order 9012619 were received intact at a temperature of 2.4 deg. C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	48031	2009-01-26 at 14:38	56345	2009-01-26 at 14:38
TPH DRO	Mod 8015B	48142	2009-01-26 at 14:30	56332	2009-01-26 at 15:27
TPH GRO	S 8015B	48031	2009-01-26 at 14:38	56193	2009-01-26 at 14:38

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 9012619 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project

Analytical Report

Sample: 185818 - Drill Cuttings

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	56345	Date Analyzed:	2009-01-26	Analyzed By:	ME
Prep Batch:	48031	Sample Preparation:	2009-01-26	Prepared By:	ME

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		<0.0100	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		<0.0100	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.943	mg/Kg	1	1.00	94	49 - 129.7
4-Bromofluorobenzene (4-BFB)		1.01	mg/Kg	1	1.00	101	45.2 - 144.3

Sample: 185818 - Drill Cuttings

Laboratory:	Midland				
Analysis.	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	56332	Date Analyzed:	2009-01-26	Analyzed By:	LD
Prep Batch:	48142	Sample Preparation:	2009-01-26	Prepared By:	LD

Parameter	Flag	RL Result	Units	Dilution	RL
DRO	B	**51.1**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		87.8	mg/Kg	1	100	88	10 - 250.4

Sample: 185818 - Drill Cuttings

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	56193	Date Analyzed:	2009-01-26	Analyzed By:	ME
Prep Batch:	48031	Sample Preparation:	2009-01-26	Prepared By:	ME

continued ...

sample 185818 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**1.24**	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.928	mg/Kg	1	1.00	93	75 - 117.2
4-Bromofluorobenzene (4-BFB)		0.836	mg/Kg	1	1.00	84	56 - 142.8

Method Blank (1) QC Batch: 56193

QC Batch: 56193 | Date Analyzed: 2009-01-26 | Analyzed By: ME
Prep Batch: 48031 | QC Preparation: 2009-01-26 | Prepared By: ME

Parameter	Flag	MDL Result	Units	RL
GRO		<0.171	mg/Kg	1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.918	mg/Kg	1	1.00	92	58.3 - 129.3
4-Bromofluorobenzene (4-BFB)		0.912	mg/Kg	1	1.00	91	57 - 124.9

Method Blank (1) QC Batch: 56332

QC Batch: 56332 | Date Analyzed: 2009-01-26 | Analyzed By: LD
Prep Batch: 48142 | QC Preparation: 2009-01-26 | Prepared By: LD

Parameter	Flag	MDL Result	Units	RL
DRO		27.6	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		74.8	mg/Kg	1	100	75	30.9 - 146.4

Method Blank (1) QC Batch: 56345

QC Batch: 56345 | Date Analyzed: 2009-01-26 | Analyzed By: ME
Prep Batch: 48031 | QC Preparation: 2009-01-26 | Prepared By: ME

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00800	mg/Kg	0.01
Toluene		<0.00800	mg/Kg	0.01
Ethylbenzene		<0.00820	mg/Kg	0.01
Xylene		<0.00960	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.943	mg/Kg	1	1.00	94	65.6 - 130.6
4-Bromofluorobenzene (4-BFB)		1.11	mg/Kg	1	1.00	111	51.9 - 128.1

Laboratory Control Spike (LCS-1)

QC Batch: 56193 | Date Analyzed: 2009-01-26 | Analyzed By: ME
Prep Batch: 48031 | QC Preparation: 2009-01-26 | Prepared By: ME

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	8.36	mg/Kg	1	10.0	<0.171	84	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	8.80	mg/Kg	1	10.0	<0.171	88	70 - 130	5	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.938	0.937	mg/Kg	1	1.00	94	94	70 - 130
4-Bromofluorobenzene (4-BFB)	0.936	0.937	mg/Kg	1	1.00	94	94	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 56332 | Date Analyzed: 2009-01-26 | Analyzed By: LD
Prep Batch: 48142 | QC Preparation: 2009-01-26 | Prepared By: LD

continued ...

control spikes continued ...

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	254	mg/Kg	1	250	27.6	90	27.8 - 152.1

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	290	mg/Kg	1	250	27.6	105	27.8 - 152.1	13	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
n-Triacontane	85.6	88.0	mg/Kg	1	100	86	88	38 - 130.4

Laboratory Control Spike (LCS-1)

QC Batch: 56345 | Date Analyzed: 2009-01-26 | Analyzed By: ME
Prep Batch 48031 | QC Preparation: 2009-01-26 | Prepared By: ME

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.912	mg/Kg	1	1.00	<0.00800	91	72.7 - 129.8
Toluene	1.06	mg/Kg	1	1.00	<0.00800	106	71.6 - 129.6
Ethylbenzene	1.09	mg/Kg	1	1.00	<0.00820	109	70.8 - 129.7
Xylene	3.32	mg/Kg	1	3.00	<0.00960	111	70.9 - 129.4

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.909	mg/Kg	1	1.00	<0.00800	91	72.7 - 129.8	0	20
Toluene	1.01	mg/Kg	1	1.00	<0.00800	101	71.6 - 129.6	5	20
Ethylbenzene	1.08	mg/Kg	1	1.00	<0.00820	108	70.8 - 129.7	1	20
Xylene	3.30	mg/Kg	1	3.00	<0.00960	110	70.9 - 129.4	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.954	0.894	mg/Kg	1	1.00	95	89	65.9 - 132
4-Bromofluorobenzene (4-BFB)	1.12	1.11	mg/Kg	1	1.00	112	111	55.2 - 128.9

Matrix Spike (MS-1) Spiked Sample. 185487

QC Batch: 56193 | Date Analyzed: 2009-01-26 | Analyzed By: ME
Prep Batch: 48031 | QC Preparation: 2009-01-26 | Prepared By: ME

Param		MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	[1]	379	mg/Kg	5	50.0	222.295	313	22.3 - 134.6

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param		MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	[2]	364	mg/Kg	5	50.0	222.295	283	22.3 - 134.6	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate		MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)		4.33	4.97	mg/Kg	5	5	87	99	68.4 - 113.1
4-Bromofluorobenzene (4-BFB)	[3] [4]	8.03	7.98	mg/Kg	5	5	161	160	66 7 - 134.3

Matrix Spike (MS-1) Spiked Sample: 185818

QC Batch: 56332 | Date Analyzed: 2009-01-26 | Analyzed By: LD
Prep Batch: 48142 | QC Preparation: 2009-01-26 | Prepared By: LD

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	274	mg/Kg	1	250	51.06	89	18 - 179.5

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	273	mg/Kg	1	250	51.06	89	18 - 179.5	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
n-Triacontane	84.2	84.0	mg/Kg	1	100	84	84	34.1 - 158

[1] Matrix spike recovery out of control limits due to peak interference Use LCS to demonstrate analysis is under control.
[2] Matrix spike recovery out of control limits due to peak interference Use LCSD to demonstrate analysis is under control.
[3] High surrogate recovery due to peak interference.
[4] High surrogate recovery due to peak interference.

Matrix Spike (MS-1) Spiked Sample: 185745

QC Batch: 56345 | Date Analyzed: 2009-01-26 | Analyzed By: ME
Prep Batch: 48031 | QC Preparation: 2009-01-26 | Prepared By: ME

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	4.42	mg/Kg	5	5.00	<0.0400	88	58.6 - 165.2
Toluene	5.29	mg/Kg	5	5.00	0.61	94	64.2 - 153.8
Ethylbenzene	5.47	mg/Kg	5	5.00	<0.0410	109	61.6 - 159.4
Xylene	16.7	mg/Kg	5	15.0	<0.0480	111	64.4 - 155.3

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	4.51	mg/Kg	5	5.00	<0.0400	90	58.6 - 165.2	2	20
Toluene	5.34	mg/Kg	5	5.00	0.61	95	64.2 - 153.8	1	20
Ethylbenzene	5.53	mg/Kg	5	5.00	<0.0410	111	61.6 - 159.4	1	20
Xylene	16.8	mg/Kg	5	15.0	<0.0480	112	64.4 - 155.3	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	4.71	4.50	mg/Kg	5	5	94	90	76 - 127.9
4-Bromofluorobenzene (4-BFB)	5.54	5.57	mg/Kg	5	5	111	111	72 - 127.8

Standard (ICV-1)

QC Batch: 56193 | Date Analyzed: 2009-01-26 | Analyzed By: ME

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	1.06	106	85 - 115	2009-01-26

Standard (CCV-1)

QC Batch: 56193 | Date Analyzed: 2009-01-26 | Analyzed By: ME

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	1.02	102	85 - 115	2009-01-26

Standard (ICV-1)

QC Batch: 56332 Date Analyzed: 2009-01-26 Analyzed By: LD

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	242	97	85 - 115	2009-01-26

Standard (CCV-1)

QC Batch: 56332 Date Analyzed: 2009-01-26 Analyzed By: LD

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	256	102	85 - 115	2009-01-26

Standard (ICV-1)

QC Batch: 56345 Date Analyzed: 2009-01-26 Analyzed By: ME

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0915	92	85 - 115	2009-01-26
Toluene		mg/Kg	0.100	0.108	108	85 - 115	2009-01-26
Ethylbenzene		mg/Kg	0.100	0.112	112	85 - 115	2009-01-26
Xylene		mg/Kg	0.300	0.339	113	85 - 115	2009-01-26

Standard (CCV-1)

QC Batch: 56345 Date Analyzed: 2009-01-26 Analyzed By: ME

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	1.00	0.968	97	85 - 115	2009-01-26
Toluene		mg/Kg	1.00	1.07	107	85 - 115	2009-01-26
Ethylbenzene		mg/Kg	1.00	1.06	106	85 - 115	2009-01-26
Xylene		mg/Kg	3.00	3.25	108	85 - 115	2009-01-26

LAB Order ID # 9012619 Page 1 of 1

TraceAnalysis, Inc.

email: lab@traceanalysis.com

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E-mail:
Invoice to: (If different from above) NEW BOYCHE OIL ATTN: CHARLES MARTIN
Project #: NEWBO1038 AIT
Project Name: QUICK DRAW 10 I #1
Project Location (including state): EDDY COUNTY NEW MEXICO
Sampler Signature: Tom Dewey

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
185818	Drill Cuttings	1			X							X		1/22	2:00

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB #	MTBE 8021B / 602 / 8260B / 624	BTEX 8021B / 602 / 8260B / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	Turn Around Time if different from standard	Hold
185818	X	X	X	X														X	

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°c:
Tom Dewey		1/24	12:00	Ed Taylor	Taylor	1/24	12:00	
Alexander		12:47	01/26/09	Lindsay Wells	TRACE	1/26/09	12:47	2.4
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°c:

LAB USE ONLY
Intact Y / N
Headspace Y / N / NA
2.4 C
Log-in-Review

REMARKS: DO NOT NEED BTEX OR TPH 418.1 All tests Midland

- Dry Weight Basis Required
- TRRP Report Required
- Check If Special Reporting Limits Are Needed

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

Carrier # carry-in

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