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

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.

16228

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
☐ 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: Coleman Oil &Gas, Inc. OGRID #: 4838
Address: P.O. Drawer 3337, Farmington, NM 87499
Facility or well name: Juniper West 24#44
API Number: 30-045-33595 OCD Permit Number:
U/L or Qtr/Qtr P Section 24 Township T24N Range R11W County: San Juan
Center of Proposed Design: Latitude N36.29463 Longitude W-107.94820 NAD: ☐1927 ☒ 1983
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

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

OIL CONS. DIV DIST. 3
JAN 31 2018

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.

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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:** 2/15/18

Title: Environmental Spec. **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.

☐ **Closure Completion Date:** _____

22.

Closure Method:

☐ Waste Excavation and Removal ☐ 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.***

☒ Proof of Closure Notice (surface owner and division)

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

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

☐ Confirmation Sampling Analytical Results (if applicable)

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

☒ Disposal Facility Name and Permit Number

☒ Soil Backfilling and Cover Installation

☐ Re-vegetation Application Rates and Seeding Technique

☒ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude N36.29463 Longitude W-107.94820 NAD: ☐1927 ☒ 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): Michael T. Hanson Title: Operations Engineer

Signature: _____ Date: 1/30/2018

e-mail address: mhanson@cog-fmn.com Telephone: (505) 327-0356

Lease Name: **Juniper West 24 #44**
API No.: **API # 30-045-33595**
Description: **P, Section 24, T24N, R11W**

In accordance with Pit Rule NMAC the following information describes the closure of the temporary pit referenced above. All proper documentation regarding closure activities is being included with the C-144.

- Proof of Closure Notice
- Proof of Deed Notice
- Plot Plan
- C-105
- Sampling Results
- Details on Soil Backfilling and Cover Installation
- Re-vegetation Application Rates and Seeding Technique
- Site Reclamation Photos (Including Steel Marker)

1. All free standing liquids will be removed at the start of the pit closure process from the pit and disposed of in a division-approved facility or recycled, reused, or reclaimed in a manner that the Aztec Division office approves.

   Fluids were pulled from reserve pit and sent to an approved disposal.

2. The referred method of closure for all temporary pits will be on-site, in-place burial, assuming that all criteria listed in Subsection (B) of 19.15.17.13 are met.

   On-site in-place burial was approved by the Aztec office on November 05, 2008.

3. The surface owner shall be notified of Coleman Oil and Gas proposed closure plan using a means that provided proof of notice, i.e., Certified Mail, return receipt requested.

   Surface Owner Navajo Nation and BLM Farmington office was notified of Coleman's proposed closer plan in the Surface Use Plan of APD process and again by sundry notice dated December 22, 2011.

4. Within 6 months of Rig Off status occurring Coleman Oil and Gas will ensure that temporary pits are closed, re-contoured, and reseeded.

   Released Rotary Tools on June 28, 2011; Reserve pit was reclaimed and re-contoured February 28, 2012.

5. Notice of Closure will be given to the Aztec Division office between 72 hours and one week of closure via email, or verbally. The notification of closure will include the following:
   i. Operator's Name
   ii. Well Name and API Number
   iii. Location by Unit Letter, Section, Township, Range

   Aztec OCD was given notice of temporary pit closer via email on January 10, 2012.

6. Pit contents shall be mixed with non-waste containing, earthen material in order to achieve appropriate solidification. The solidification process will be accomplished using a combination of natural drying and mechanically mixing. Pit contents will be mixed with non-waste, earthen material to a consistency that is deemed as safe and stable. The mixing ratio shall not exceed 3 parts clean soil to 1 part contents.

   Pit contents were mixed with non-waste containing earthen material in order to achieve appropriate solidification. The solidification process was accomplished using a combination of natural drying and mechanically mixing using a dozer and track-hoe. Pit contents were mixed with non-waste material to a consistency that was deemed safe and stable. The mixing ration did not exceed three parts clean soil to one part pit contents.

7. Liner of temporary pit shall be removed above "mud level" after stabilization. Removal of liner will consist of manually or mechanically cutting liner at mud level and removing all remaining liner. Care will be taken to remove "ALL" of the liner i.e., edges of liner entrenched or buried. All excessive liner will be disposed of at a licensed disposal facility.

   Liner of temporary pit was removed within six inches of mud line. After removal of pit liner it was hauled to and disposed of at the San Juan County Land Farm.

8. A five point composite sample will be taken using sampling tools and all samples tested per Subsection B of 19.15.17.13(B)(1)(b). In the event that the criteria are not met, all contents will be handled per Subparagraph (a) of Paragraph (1) of Subsection B of 19.15.17.13 i.e. dig and haul. Disposal facilities to be utilized should this method be required will be Envirotech Permit No. NM01-0011 or IEI, Permit No. NM01-0010B.

   A five point composite sample was taken and submitted to Envirotech, see attached analysis.

9. Upon completion of solidification and testing, the pit area will be backfilled and compacted, non-waste containing earthen material. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.

Upon completion of solidification and testing, the pit area was backfilled with compacted, non-waste containing, earthen material. A minimum of four feet of cover was achieved and the cover included just one foot of background topsoil suitable for establishing vegetation at the site.

10. Re-contouring of the location will match fit, shape, line, form and texture of the surrounding area. Re-shaping will include drainage control, ponding prevention, and erosion prevention. Natural drainages will be unimpeded and water bars and/or silt traps will be placed in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with a smooth surface, fitting the natural landscape.

Re-contouring of location matches fit, shape, line form and texture of the surrounding area. Re-shaping of the location included drainage control, pounding prevention and erosion prevention. Natural drainages were unimpeded and water bars and/or silt traps were placed in areas where needed to prevent erosion on a large scale.

11. Notification will be sent to OCD when the reclaimed area is seeded.

Notification via copy of BLM sundry after seeding will be sent to Aztec OCD office.

12. Coleman Oil and Gas shall seed the disturbed areas the first growing season after the pit is closed. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM of Forest Service stipulated seed mixes will be used on Federal Lads. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeks, and maintain that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs.

Notification via copy of BLM sundry after reclaimed area successfully achieves re-vegetation for two successive growing seasons will be sent to Aztec OCD office.

13. The temporary pit will be located with a steel marker, no less than four inches in diameter, cemented in a hole three feet deep in the center of the on-site burial upon the abandonment of all the wells on the pad. The marker will be

flush with the ground to allow access of the active well pad and for safety concerns. The marker will include a threaded collar to be used for future abandonment. The top of the marker will contain a welded steel 12" square plate that indicates the onsite burial of the temporary pit. The plate will be easily removable and a four foot riser will be threaded into the top of the collar marker and welded around the base with the operator's information at the time of the wells on the pad are abandoned. The operator's information will include the following: Operator's Name, Lease Name, Well Name and Number, Unit Number, Section, Township, Range and an indicator that the marker is an on-site burial location.

The temporary pit was located with a steel marker four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial with a threaded collar on top. The following information was welded on a twelve inch by twelve inch plate and screwed into a four inch collar (Coleman Oil & Gas, Inc., Juniper West 24 #44, Unit P, Section 24, T24N, R11W).

14. Coleman Oil and Gas shall file a deed notice identifying the exact location of the on-site burial with the county clerk in the county where the on-site burial occurs.

Temporary pit closer notification was sent to surface owner via certified mail and a deed notice was filed with the San Juan County Clerks Office.

Proof of Closure Notice

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr , Hobbs, NM 88240
District II
1301 W. Grand Ave., 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-103
May 27, 2004

WELL API NO. 30-045-~~33593~~ 33595 BP

5. Indicate Type of Lease STATE ☐ FEE ☐

6. State Oil & Gas Lease No. Allotted NO-G-0311-1705

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. Lease Name or Unit Agreement Name: Juniper West 24

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

8. Well Number: # 44

2. Name of Operator: Coleman Oil & Gas, Inc.

9. OGRID Number: 004838

3 Address of Operator: P.O. Drawer 3337 Farmington, NM 87499

10. Pool name or Wildcat: Basal Fruitland Coal

4. Well Location

Unit Letter : P : 1100 feet from the South line and 700 feet from the East line

Section 24 Township 24N Range 11W NMPM County San Juan

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 6473' GR.

Pit or Below-grade Tank Application ☒ or Closure ☒

Pit type: LINED EARTHEN Depth to Groundwater: > 50'. Distance from nearest fresh water well > 5000'. Distance from nearest surface water > 100'.

Pit Liner Thickness: 12 mil Below-Grade Tank: Volume _____ bbls: Construction Material _____

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
OTHER: Construct and Reclaim Reserve Pit			☒	OTHER: Construct and Reclaimed reserve pit			☐

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

Dig earthen pit and line with 12 mil thick reinforced plastic for drilling reserve pit, as per approved Federal APD. See attached.

Coleman Oil & Gas, Inc. plans on reclaiming reserve pit as soon as possible.. Free liquids will be pulled and disposed of. Liner will be cut off at mud line. Excess plastic will be hauled off and disposed of. Reserve pit will be backfilled and reclaimed.

RCVD SEP 7 '07
OIL CONS. DIV.
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that any pit or below-grade tank has been/will be constructed and closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.**

SIGNATURE Michael T. Hanson TITLE: Operations Engineer DATE: September 6, 2007

Michael T. Hanson cogmhanson@sprynet.com (505) 327-0356

For State Use Only

APPROVED BY: Brandon Powell TITLE Deputy Oil & Gas Inspector. District #3 DATE SEP 1 1 2007

Conditions of Approval (if any):

RCVD JAN 5 '12
OIL CONS. DIV.
DIST. 3

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
DEC 23 2011
Farmington Field Office
Bureau of Land Management

FORM APPROVED
OMB No 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

5 Lease Serial No
NMNM 104609

6 If Indian, Allottee or Tribe Name

7 If Unit or CA/Agreement, Name and/or No

1 Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8 Well Name and No
Juniper West 24 #44

2 Name of Operator **Coleman Oil & Gas, Inc.**

9 API Well No.
30-045-33595

3a Address
P.O. Drawer 3337

3b Phone No *(include area code)*
505-327-0356

10 Field and Pool, or Exploratory Area
Basin Fruitland Coal

4 Location of Well *(Footage, Sec., T, R, M, or Survey Description)*

1100' FSL, 700' FEL P, Section 24, T24N, R11W Latitude 36.294583°, Longitude 107.948138°

11 County or Parish, State
San Juan, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA Required subsequent reports shall be filed within 30 days following completion of the involved operations If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection)

COLEMAN OIL & GAS, INC. PLANS ON RECLAIMING RESERVE PIT IN THE NEXT SEVERAL WEEKS, SEE ATTACHED INFORMATION.

COLEMAN OIL & GAS, INC. WOULD LIKE TO REQUEST A SIX MONTH EXTENSION TO COMPLETE THIS WELL, WE ARE CURRENTLY WORKING ON TRYING TO INCREASE DISPOSAL CAPACITY.

SPUD WELL JUNE 20, 2011
RELEASED ROTARY TOOLS JUNE 28, 2011

14 I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* **MICHAEL T. HANSON** Title **OPERATIONS ENGINEER**

Signature Michael T. Hanson Date 12/22/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Matthew Kellogg Title ENVIRONMENTAL COMPLIANCE TEAM LEAD Date 1-4-12

Conditions of approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

NMOCD

Reserve Pit Closer Plan

Coleman Oil & Gas, Inc. plans to close reserve pit as follows.

1. Sample soil, five point composite sample for Benzene, BTEX, TPH-(GRO & DRO), TPH and Chloride.
2. Notify Aztec Office OCD, Brandon Powell, (505) 334 6178 EX 15 and BLM Environmental Protection Staff (505) 599-8900 seventy two hours prior to reserve pit reclamation.
3. Remove all free liquid from reserve pit.
4. Remove temporary fence.
5. Remove pit liner within six inches of mud line and haul to San Juan County Land Farm.
6. Mix contents of reserve pit at a ratio less than three to one.
7. Cover reserve pit with four feet of compacted soil. Install top soil on top of compacted soil.
8. Install four inch marker at center of on site burial thirty six inches deep with a threaded collar on top. The following information to be stamped on twelve inch by twelve inch plate and screwed into four inch collar (operator name, lease name, well number, and location description). Location description to include unit letter, section, township and range.

Coleman Oil & Gas, Inc, plans on seeding reclamation shortly after completion phase.

Tribal Trust Wells:

Bonito 25 #1	API# 30-045-35000	Section 25, T24N, R11W
Juniper West 24 #42	API# 30-045-33591	Section 24, T24N, R11W
Juniper West 24 #44	API# 30-045-33595	Section 24, T24N, R11W

From: brian wood <brian@permitswest.com>
Subject: **Coleman Juniper West 24 #44**
Date: October 25, 2008 11:14:19 AM MDT
To: howarddraper@frontiernet.net

As required by NMOCD pit rule Subsection F of 19.15.17.13 NMAC, I am notifying the Navajo Nation as surface owner that Coleman plans to close its temporary (reserve) pit (after it is built and used) using on site closure (burial) in the same pit.
The well is staked at 1100 FSL & 700 FEL 24-24n-11w, San Juan County, NM.
The well is on lease NMNM-104609.
API # 30-045-33595
This was authorized by the Navajo Nation under SAS DNR-11636 on July 3, 2007.
Please call me if you have any questions.

Brian Wood
Permits West, Inc.
37 Verano Loop, Santa Fe, NM 87508
Phone: 505 466-8120
FAX: 505 466-9682

EXHIBIT J

Mike Hanson

From: "Mike Hanson" <mhanson@cog-fmn.com>
To: "Brandon Powell" <Brandon.Powell@state.nm.us>; "Mark Kelly" <mkelly@blm.gov>
Cc: "Jonathan Kelly" <Jonathan.Kelly@state.nm.us>
Sent: Tuesday, January 10, 2012 11:46 AM
Attach: Bonito 25 #1 Reserve Pit Closer Plan.pdf; Juniper West 24 #42 Reserve Pit Closer Plan.pdf; Juniper West 24 #44 Reserve Pit Closer Plan.pdf
Subject: Fw: Reserve Pit Closer

Gentlemen,

Dirt contractor is planning on moving in reclamation equipment to start reserve pit reclamation this Thursday. They are planning on starting as early as Friday Morning.

Juniper West 24 #42
API# 30-045-33591
1700' FNL & 700' FEL
H, Section 24, T24N, R11W
Latitude 36.301361, Longitude 107.948111
Lease No. NMNM 104609

Juniper West 24 #44
API# 30-045-33595
1100' FSL & 700' FEL
P, Section 24, T24N, R11W
Latitude 36.294583, Longitude 107.948139
Lease No. NMNM 104609

Bonito 25 #1
API# 30-045-35000
1350' FNL & 1130' FEL
H, Section 25, T24N, R11W
Latitude 36.28785, Longitude 107.94960
Lease No. NO-G-0411-1712

Let me know if you have any questions or concerns.

Thanks,

----- Original Message -----
From: Mike Hanson
To: Brandon Powell
Cc: Jonathan Kelly
Sent: Thursday, December 22, 2011 1:31 PM
Subject: Reserve Pit Closer

Brandon,

Coleman Oil & Gas, Inc., plans to reclaim the reserve pits on the locations listed below within the next several weeks. Please see attached Reserve Pit Closer Plans.

Juniper West 24 #42
API# 30-045-33591
1700' FNL & 700' FEL
H, Section 24, T24N, R11W
Latitude 36.301361, Longitude 107.948111
Lease No. NMNM 104609

Juniper West 24 #44
API# 30-045-33595
1100' FSL & 700' FEL
P, Section 24, T24N, R11W
Latitude 36.294583, Longitude 107.948139
Lease No. NMNM 104609

Bonito 25 #1
API# 30-045-35000
1350' FNL & 1130' FEL
H, Section 25, T24N, R11W
Latitude 36.28785, Longitude 107.94960
Lease No. NO-G-0411-1712

Let me know if you have any questions or concerns.

Michael T. Hanson
Operations Engineer
Coleman Oil & Gas, Inc.
Office (505) 566-1996
Mobile (505) 330 -2903
Fax (505) 327-9425

Proof of Deed Notice

P.O. DRAWER 3337
FARMINGTON, NM 87499

OFFICE: 505-327-0356
FAX: 505-327-9425

COLEMAN OIL & GAS, INC.

Michael Hanson
e-mail: mhanson@cog-fmn.com
Direct Line: 505.564.5996

CERTIFIED RETURN RECEIPT REQUESTED
70171450000153001876

Tuesday, January 30, 2018

The Navajo Nation
Post Office Box 9000
Window Rock, AZ 86515-9000

Attention: Mr. Howard Draper

RE: PIT CLOSURE NOTIFICATION
Township 24 North, Range 11 West
Section 24: SE/4, NE/4
Section 25: SE/4

Please be advised that, in accordance with Section 19.15.17.13.F (1) (b) of the NMAC, Coleman Oil & Gas, Inc. as operator is hereby providing notice to the current surface owner of an on-site burial of a temporary pit at the following location(s):

Well Name:	Juniper West 24 #42
API Number:	30-045-33595
Lease Number:	NM NM 104609 (USA Minerals)
Latitude (HDDD.DDDDD°):	N 36.30136°
Longitude (HDDD.DDDDD°):	W 107.98481°
Unit Letter (¼ ¼):	P (SESE)
Section:	24
Township:	24 North
Range:	11 West
County:	San Juan
State:	New Mexico

Well Name:	Juniper West 24 #44
API Number:	30-045-33591
Lease Number:	NM NM 104609 (USA Minerals)
Latitude (HDDD.DDDDD°):	N 36.29463°
Longitude (HDDD.DDDDD°):	W 107.94820°

Unit Letter (¼ ¼):	H (SENE)
Section:	24
Township:	24 North
Range:	11 West
County:	San Juan
State:	New Mexico
Well Name:	Juniper West 25 #42
API Number:	30-045-35000
Lease Number:	NOG 04111712
Latitude (HDDD.DDDDD°):	N 36.28787°
Longitude (HDDD.DDDDD°):	W 107.94968°
Unit Letter (¼ ¼):	H (SENE)
Section:	25
Township:	24 North
Range:	11 West
County:	San Juan
State:	New Mexico

Sincerely,

Michael T Hanson
Operations Engineer

SENDER: *COMPLETE THIS SECTION*

- **Complete items 1, 2, and 3.**
- **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:

The Navajo Nation
Post Office Box 9000
Window Rock, AZ 86515-9000

9590 9402 2920 7094 7237 82

2. Article Number *(Transfer from service label)*

7017 1450 0001 5300 1876

PS Form 3811, July 2015 PSN 7530-02-000-9053 **Domestic Return Receipt**

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* **C. Date of Delivery**

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

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ [illegible]ail
- ☐ [illegible]ail Restricted Delivery
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

CERTIFIED MAIL®

7017 1450 0001 5300 1876

7017 1450 0001 5300 1876

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com*®.

OFFICIAL USE

Certified Mail Fee	Postmark Here
$	
Extra Services & Fees *(check box, add fee as appropriate)*	
☐ Return Receipt (hardcopy) $	
☐ Return Receipt (electronic) $	
☐ Certified Mail Restricted Delivery $	
☐ Adult Signature Required $	
☐ Adult Signature Restricted Delivery $	
Postage	
$	
Total Postage and Fees	
$	

Sent To The Navajo Nation
Street and Apt. No., or PO Box No. Post Office Box 9000
City, State, ZIP+4® Window Rock, AZ 86515-9000

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

STATE OF NEW MEXICO }
}
COUNTY OF SAN JUAN }

RECORDATION NOTICE OF PIT BURIAL

In accordance with Section 19.15.17.13.F.1.f of the NMAC, operator hereby provides notice in the public record of an on-site burial of a temporary pit at the following location:

Well Name:	Juniper West 24 #44
API Number:	30-045-33591
Latitude (HDDD.DDDDD°):	N 36.29463°
Longitude (HDDD.DDDDD°):	W 107.94820°
Unit Letter (¼ ¼):	H (SENE)
Section:	24
Township:	24 North
Range:	11 West
County:	San Juan
State:	New Mexico

IN WITNESS WHEREOF, this Recordation Notice of Pit Burial has been executed on the date indicated below by the undersigned.

COLEMAN OIL & GAS, INC.

Michael T. Hanson – Operations Engineer

OFFICIAL SEAL
Michael L. Palmer
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: _____

STATE OF NEW MEXICO }
}
COUNTY OF SAN JUAN }

This instrument was acknowledged before me this 30th day of January, 2018, by Michael T. Hanson as Operations Engineer for Coleman Oil & Gas, Inc.

My Commission Expires:
November 28, 2019

Michael Palmer – Notary Public

201801152 01/30/2018 11:29 AM
1 of 1 B1626 P715 $25.00
San Juan County, NM TANYA SHELBY

SAN JUAN COUNTY COUNTY CLERK STATE OF NEW MEXICO

MM

Plot Plan

2006 FEB 14 PM 12 43

RECEIVED
070 FARMINGTON NM

Form 3160-3
(August 1999)

FORM APPROVED
OMB NO 1004-0136
Expires November 30, 2000

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No: NM NM 104609

6 If Indian, Allottee or Tribe Name:

7 If Unit or CA Agreement, Name and No:

1a TYPE OF WORK: [X] DRILL [ ] REENTER

b TYPE OF WELL: [ ] OIL [X] GAS WELL [ ] OTHER [ ] SINGLE ZONE [ ] MULTIPLE ZONE

8 Lease Name and Well No: Juniper West 24 #44

2. Name of Operator: Coleman Oil & Gas, Inc.

9 API Well No: 30-045-33598

3a Address: P.O. Drawer 3337, Farmington N.M. 87499

3b. Phone No. *(include area code)*: (505) 327-0356

10 Field and Pool, or Exploratory: Basin Fruitland Coal

4 Location of well *(Report location clearly and In accordance with any State requirements.*)*

At surface: 1100' FSL, 700' FEL Latitude 36° 17' 40.5", Longitude 107° 56' 53.3"

At proposed prod. zone

11 Sec, T, R, M, or Blk And Survey or Area: P Section 24, T24N, R11W

14 DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: South East of Farmington New Mexico on County RD. 7610 approximately 50 miles.

12. County or Parish: San Juan

13 State: NM

15 Distance from proposed* location to nearest property or lease line, ft (Also to nearest drlg unit line, if any)	16 No of Acres in lease	17 Spacing Unit dedicated to this well
700	1120	320 ACRES E/2

18 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft	19 Proposed Depth	20. BLM/ BIA Bond No, on file
NA	1195'	BLM Blacket Bond #08510612

21 ELEVATIONS (Show whether DF RT, GR, etc)	22 Aproximate date work will start*	23 Estimated Duration
6473	May-06	2 Weeks

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1 shall be attached to this form:

1 Well plat certified by a registered surveyor
2 A Drilling Plan
3 A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office)
4 Bond to cover the operations unless covered by existing bond on file(see item 20 above)
5 Operator certification
6 Such other site specific information and/ or plans as may be required by the a authorized officer

25 Signature	Name *(Printed/ Typed)*	DATE
Michael T. Hanson	Michael T. Hanson	12-Feb-06

Title: Operations Engineer

Approved By *(Signature)*	Name *(Printed/ Typed)*	DATE
/s/ Monica Kuehling		8/10/07

Title	Office
AFM	FFO

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon
Conditions of approval, if any, are attached

RCVD AUG 14 '07
OIL CONS. DIV.
DIST. 3

Title 18 U S C Section 1001 and Title 43 U S C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

*See Instructions On Reverse Side

NOTIFY AZTEC OCD 24 HRS PRIOR TO CASING & CEMENT

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

NM

8-16-07

Obtain a pit permit from NMOCD prior to constructing location

DISTRICT I
P.O. Box 1980, Hobbs, N.M. 88241-1980

DISTRICT II
811 South First, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

2006 FEB 14 PM 12 43

RECEIVED
070 FARMINGTON NM

Form C-102
Revised Febuary 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30045-33595	71629	Basin Fruitland Coal

[4] Property Code	[5] Property Name	[6] Well Number
36668	JUNIPER WEST 24	44

[7] OGRID No.	[8] Operator Name	[9] Elevation
4838	COLEMAN OIL & GAS, INC.	6473

[10] Surface Location

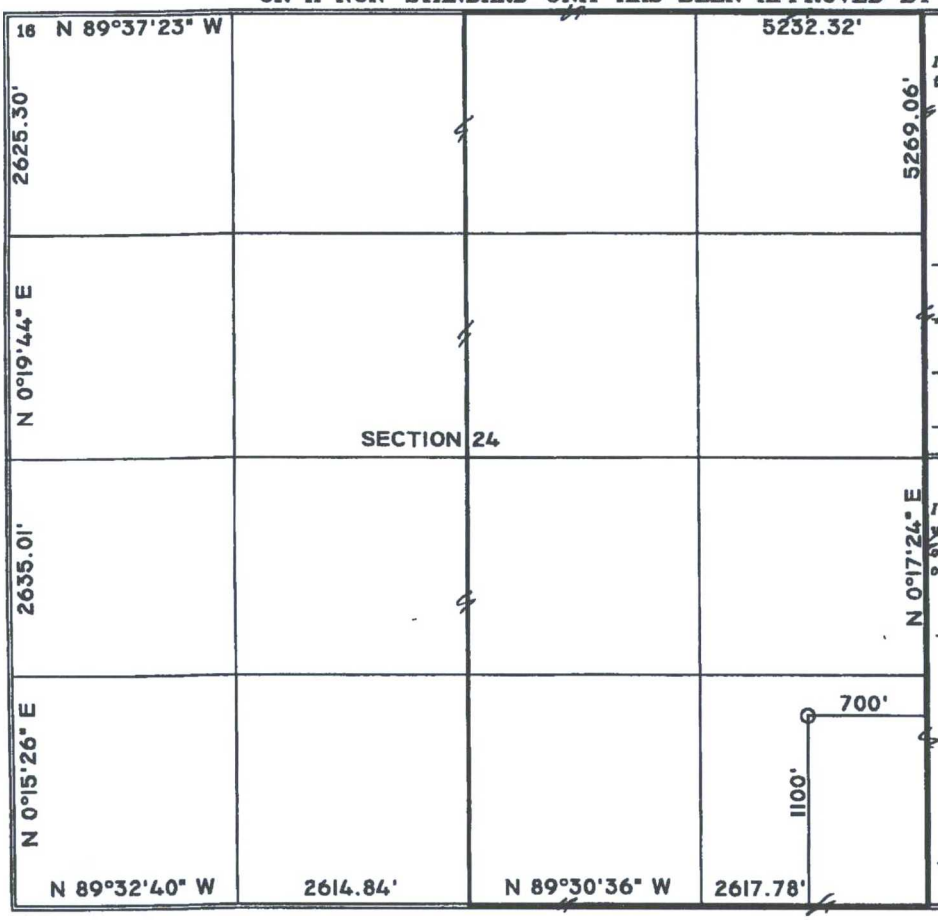
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	24	24 N	11 W		1100	SOUTH	700	EAST	SAN JUAN

[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320 Ac.-E ½			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



[17] OPERATOR CERTIFICATION

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

Michael T. Hanson
Signature

Michael T. Hanson
Printed Name

OPERATIONS Engineer
Title

3/12/06
Date

[18] SURVEYOR CERTIFICATION

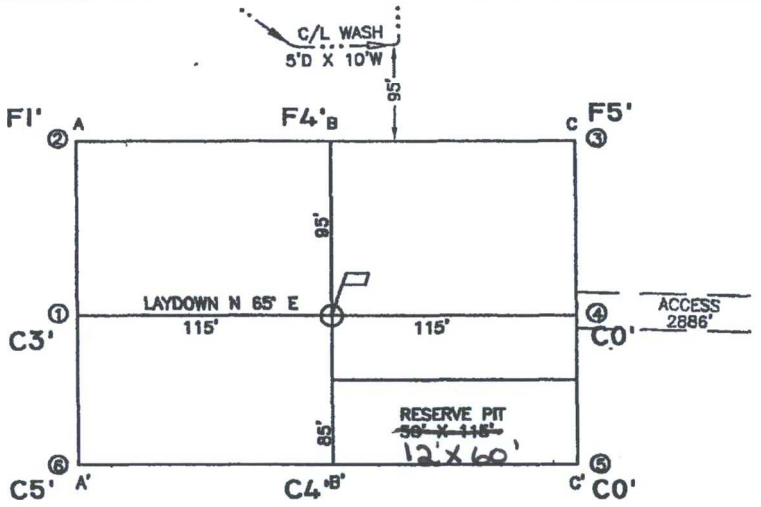
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

5/24/05
Date of Survey

Signature and Seal of Professional Surveyor:

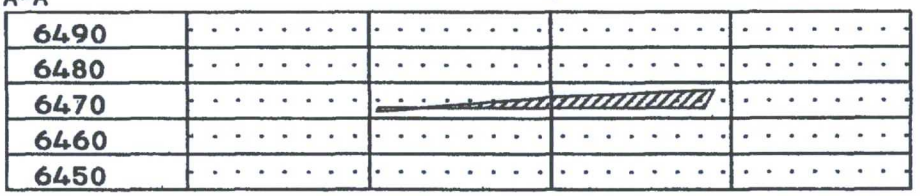
MARSHALL W. LINDEEN
NEW MEXICO
17078
7-25-05
LICENSED PROFESSIONAL SURVEYOR

17078
Certificate Number

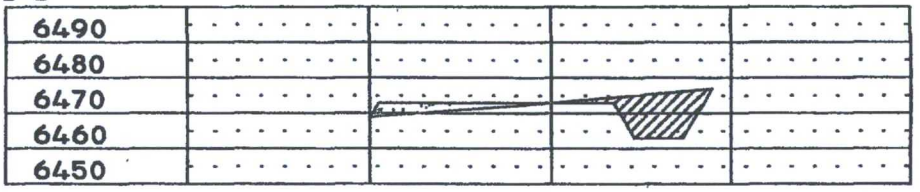


Reserve Pit Reduced to 12' x 60'

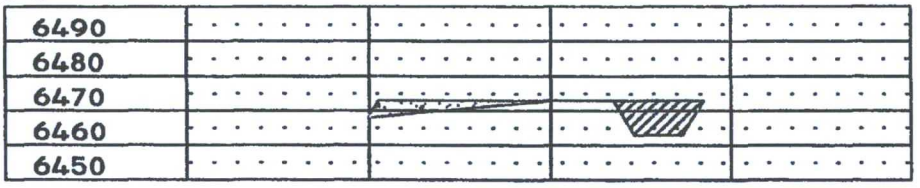
ELEVATION A–A'



B–B'



C–C'



LEASE: JUNIPER WEST 24 #44

FOOTAGE: 1100' FSL, 700' FEL

SEC. 24 TWN. 24-N RNG. 11-W N.M.P.M.

LATITUDE: 36°17'40.5" LONGITUDE: 107°56'53.3"

ELEVATION: 6473

COLEMAN OIL & GAS, INC.
FARMINGTON, NEW MEXICO

SURVEYED: 5/24/05	REV. DATE:	APP. BY M.L.
DRAWN BY: A.D.	DATE DRAWN: 6/1/05	FILE NAME: 5802C01

UNITED FIELD SERVICES INC.

P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505) 334-0408

C-105

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.
30-045-33595

2. Type of Lease
☐ STATE ☐ 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)

☒ **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
Juniper West 24

6. Well Number:
44

7. Type of Completion:
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator
Coleman Oil & Gas, Inc.

9. OGRID
4838

10. Address of Operator
P.O. Drawer 3337, Farmington, NM 87499

11. Pool name or Wildcat
Basin Fruitland Coal

12.Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	P	24	24N	11W		1100	S	700	E	San Juan
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.)
June 20, 2011	June 28, 2011	June 28, 2011		

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 N 36.294583 Longitude W107.948139 NAD 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 Michael T. Hanson Title Operations Engineer Date: 1/30/2018

E-mail Address mhanson@cog-fmn.com

Sampling Results

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EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Coleman Oil & Gas, Inc.	Project #:	05206-0001
Sample ID:	Reserve Pit	Date Reported:	10-10-11
Laboratory Number:	59744	Date Sampled:	09-23-11
Chain of Custody No:	12632	Date Received:	09-23-11
Sample Matrix:	Soil	Date Extracted:	09-27-11
Preservative:	Cool	Date Analyzed:	09-27-11
Condition:	Intact	Analysis Requested:	8015 TPH

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

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: **Juniper West 24 #44**

Analyst

Review

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Analytical Laboratory

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	09-27-11 QA/QC	Date Reported:	09-29-11
Laboratory Number:	59668	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-27-11
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	40813	9.996E+02	1.000E+03	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	40813	9.996E+02	1.000E+03	**0.04%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**7.78**	**0.2**
Diesel Range C10 - C28	**2.36**	**0.1**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.00%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.00%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**253**	**101%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**254**	**102%**	**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 Samples 59668-59669, 59683, 59703-59704, 59716-59720, 59726-59730, 59744-59747.**

Analyst

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Coleman Oil & Gas, Inc.	Project #:	05206-0001
Sample ID:	Reserve Pit	Date Reported:	10-10-11
Laboratory Number:	59744	Date Sampled:	09-23-11
Chain of Custody:	12632	Date Received:	09-23-11
Sample Matrix:	Soil	Date Analyzed:	09-30-11
Preservative:	Cool	Date Extracted:	09-30-11
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**0.9**
Toluene	**1.1**	**1.0**
Ethylbenzene	**ND**	**1.0**
p,m-Xylene	**ND**	**1.2**
o-Xylene	**ND**	**0.9**
Total BTEX	**1.1**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**89.4 %**
	1,4-difluorobenzene	**100 %**
	Bromochlorobenzene	**102 %**

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: **Juniper West 24 #44**

Analyst

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	0930BBLK QA/QC	Date Reported:	09-30-11
Laboratory Number:	59800	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-30-11
Condition:	N/A	Analysis:	BTEX
		Dilution:	10

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	2.7052E+006	2.7107E+006	0.2%	ND	0.1
Toluene	8.4274E+005	8.4443E+005	0.2%	ND	0.1
Ethylbenzene	6.1085E+005	6.1208E+005	0.2%	ND	0.1
p,m-Xylene	1.3106E+006	1.3132E+006	0.2%	ND	0.1
o-Xylene	4.9172E+005	4.9270E+005	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	9.8	9.8	0.0%	0 - 30%	1.0
Ethylbenzene	12.5	12.1	3.2%	0 - 30%	1.0
p,m-Xylene	31.1	32.4	4.2%	0 - 30%	1.2
o-Xylene	14.5	13.4	7.6%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	500	560	112%	39 - 150
Toluene	9.8	500	549	108%	46 - 148
Ethylbenzene	12.5	500	560	109%	32 - 160
p,m-Xylene	31.1	1000	1,060	103%	46 - 148
o-Xylene	14.5	500	558	108%	46 - 148

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

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 59800-59805, 59744-59746.**

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Chloride

Client:	Coleman Oil & Gas, Inc.	Project #:	05206-0001
Sample ID:	Reserve Pit	Date Reported:	09/29/11
Lab ID#:	59744	Date Sampled:	09/23/11
Sample Matrix:	Soil	Date Received:	09/23/11
Preservative:	Cool	Date Analyzed:	09/28/11
Condition:	Intact	Chain of Custody:	12632

Parameter	Concentration (mg/Kg)
Total Chloride	**1,830**

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Juniper West 24 #44.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

12632

Client: Coleman Oil & Gas, Inc	Project Name / Location: Juniper West 24 #44
Client Address:	Sampler Name: Mike Hanson
Client Phone No.: 327-0356	Client No.: 05206-0001

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl2	Preservative HCl	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
Reserve Pit	9/23	10:30am	59744	Soil (circled) Solid Sludge Aqueous	1			X	X		~~X~~					X	X				Y	Y
				Soil Solid Sludge Aqueous								Does not want RCRA 8 called & confirmed 9/27/11 iy										
				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
Mike Hanson 566-1996 330-2903	9/23	3:20	David Caputo	9-23-11	3:20
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

EMAIL mhanson@cog-fmn.com

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Coleman Oil & Gas, Inc.	Project #:	05206-0001
Sample ID:	Reserve Pit	Date Reported:	12-22-11
Laboratory Number:	60483	Date Sampled:	11-30-11
Chain of Custody No:	14034	Date Received:	12-15-11
Sample Matrix:	Soil	Date Extracted:	12-19-11
Preservative:	Cool	Date Analyzed:	12-19-11
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**119**	**18.2**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Juniper West 24 #44**

Analyst

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	12-22-11
Laboratory Number:	12-19-TPH.QA/QC 60481	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	12-19-11
Preservative:	N/A	Date Extracted:	12-19-11
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	10-18-11	12-19-11	1,800	1,670	7.2%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	21.6

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	238	202	15.2%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	238	2,000	1,940	86.7%	80 - 120%

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **QA/QC for Samples 60481-60483, 60605, 60655-60656, 60659, 60661-60662**

Analyst

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14034

CHAIN OF CUSTODY RECORD

Client:	Project Name / Location:
Coleman Oil & Gas, Inc	Juniper West 24 #44
Email results to:	Sampler Name:
mhanson@cog-fmn.com	Mike Hanson
Client Phone No.:	Client No.:
505-566-1996	05206-0001

Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative $HgCl_2$	Preservative HCl	Preservative	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
								ANALYSIS / PARAMETERS														
Reserve Pit	11/30/2011	2:45 pm	120483	1				X	X							X	X				Y	Y
																added 12/15						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11/30/11	4:06		11/30/11	4:06 pm
Relinquished by: (Signature)			Received by: (Signature)		

Sample Matrix

Soil ☒ Solid ☐ Sludge ☐ Aqueous ☐ Other ☐ _____

☐ Sample(s) dropped off after hours to secure drop off area.

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Temporary Pit Inspection Form

The Following Drilling Reserve Pit Was Inspected By Me Or Under My Direct Supervision On A Daily Basis While The Drilling Rig Was On Location. The Following Visuals Inspections Were Made As Required By The Current Pit Rule; Free Board, Integrity Of Pit Liner And Fluids.

Lease Name: Juniper West 24 #44
Legal: P Section 24 Township 24N Range 11W
API# 30-045-33595
Lease# NMNM 104609

		MTH	DC	BT		Comments
6/19/2011						
6/20/2011						
6/21/2011						
6/22/2011						
6/23/2011						
6/24/2011						
6/25/2011						
6/26/2011						
6/27/2011						
6/28/2011						

MTH Michael T. Hanson; Operations Engineer
DC Donald Coleman; Drilling Supervisor
BT Bruce Taylor; Production Foreman

The Following Drilling Reserve Pit Was Inspected By Me Or Under My Direct Supervision On A Weekly Basis After The Drilling Rig Was Released. The Following Visuals Inspections Were Made As Required By The Current Pit Rule; Free Board, Integrity Of Pit Liner And Fluids.

Lease Name: Juniper West 24 #44
Legal: P Section 24 Township 24N Range 11W
API# 30-045-33595
Lease# NMNM 104609

		MTH	DC	BT		Comments
7/6/2011		MTH		B.T.		
7/11/2011				B.T.		
7/18/2011				B.T.		
7/25/2011				B.T.		
8/1/2011				B.T.		
8/8/2011				B.T.		
8/15/2011				B.T.		
8/22/2011				B.T.		
8/29/2011				B.T.		
9/5/2011				B.T.		
9/19/2011				B.T.		
9/26/2011				B.T.		
10/3/2011				B.T.		
10/10/2011				B.T.		
10/17/2011				B.T.		
10/24/2011				B.T.		
10/31/2011				B.T.		
11/7/2011				B.T.		
11/14/2011				B.T.		
11/21/2011				B.T.		
11/28/2011				B.T.		
12/5/2011				B.T.		
12/12/2011				B.T.		
12/19/2011				B.T.		
12/27/2011				B.T.		
1/4/2012				B.T.		
1/9/2012				B.T.		
1/16/2012				B.T.		
1/23/2012				B.T.		
1/30/2012				B.T.		
2/6/2012				B.T.		
2/13/2012				B.T.		
2/20/2012				B.T.		
2/27/2012		MTH		B.T.		

MTH Michael T. Hanson; Operations Engineer
DC Donald Coleman; Drilling Supervisor
BT Bruce Taylor; Production Foreman

Site Reclamation Photos


COLEMAN OIL
AND GAS. INC.
JUNIPER WEST
24 NO. 44
P. SEC. 24.
T24N.
R11W