

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.

3729

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.

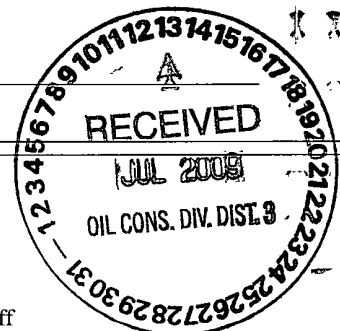
1.
Operator: Coleman Oil & Gas, Inc. OGRID #: 4838
Address: P.O. Drawer 3337, Farmington, NM 87499
Facility or well name: Juniper West 23 #12
API Number: 30-045-34066 OCD Permit Number: _____
U/L or Qtr/Qtr E Section 23 Township T24N Range R11W County: San Juan
Center of Proposed Design: Latitude N36.30223 Longitude W107.97685 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 _____

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	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within a 100-year floodplain. - FEMA map	<input type="checkbox"/> Yes <input type="checkbox"/> 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 H₂S, 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 identify 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: Donald D. Kelly Approval Date: 12/23/2011

Title: Compliance Officer 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: 03/31/2009

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 identify 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 N36.30223 Longitude W107.97685 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: Michael T. Hanson Date: 7/6/2009

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

Lease Name: Juniper West 23 #12
API No.: API # 30-045-34066
Description: E, Section 23, T24N, R11W

In accordance with 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 October 10, 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 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 March 19, 2009.

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 October 22, 2008; Reserve pit was reclaimed and re-contoured March 31, 2009. Coleman Oil & Gas, Inc. requested a six month extension via sundry to complete this well. Approval for extension was granted to October 1, 2009. Coleman plans on seeding location shortly after completion process or prior October 1, 2009.

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 March 26, 2009.

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, ponding 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. Final re-contouring will be done after completion phase or prior to October 1, 2009.

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 Lands. 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 weeds, 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 23 #12, Unit E, Section 23, 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

Form 3160-3
(August 1989)

2006 NOV 16 PM 2:33

RCUD JAN5'07
OIL CONS. DIV.

DIST. 3

FORM APPROVED
OMB NO 1004-0134
Expires November 30, 2000

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

RECEIVED
OTC FARMINGTON

1a. TYPE OF WORK <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NM NM 104609	
b. TYPE OF WELL <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE		6. If Indian, Allottee or Tribe Name N/A	
2. Name of Operator Coleman Oil & Gas, Inc.		7. If Unit or CA Agreement, Name and No.	
3a. Address P.O. Drawer 3337, Farmington N.M. 87499		8. Lease Name and Well No. Juniper West 23 #12	
3b. Phone No. (include area code) (505) 327-0356		9. AP Well No. 30-045-B4066	
4. Location of well (Report location clearly and in accordance with any State requirements.) At surface 1400' FNL, 1300' FWL Latitude 36.302278°, Longitude 107.976865° At proposed prod zone		10. Field and Pool, or Exploratory Basin Fruitland Coal	
11. Sec., T., R., M., or Bld. And Survey or Area E Section 23, T24N, R11W		12. County or Parish San Juan	
13. State NM		13. State NM	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* South East of Farmington New Mexico on County RD. 7610 approximately 60 miles.		15. No. of Acres in lease 1120	
16. Distance from proposed location to nearest property or lease line, ft. 1300'		17. Spacing Unit dedicated to this well 320 ACRES W/2	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. NA		19. Proposed Depth 1145'	
20. BLM BIA Bond No. on file BLM Blanket Bond #08510612		21. Estimated duration 2 Weeks	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 6411'		23. Approximate date work will start November, 2006	
24. Attachments			

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

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

25. Signature Michael T. Hanson Name (Printed/Typed) Michael T. Hanson DATE November 14, 2006

Title Operations Engineer
Approved By [Signature] Name (Printed/Typed) [Signature] DATE 12/29/06
Title AFN Office FEO

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

Coleman Oil & Gas, Inc.
Juniper West 23 #12
1400' FNL & 1300' FWL
Sec. 23, T. 24 N., R. 11 W.
San Juan County, New Mexico

7. WASTE DISPOSAL

A ≥ 12 mil plastic liner will be installed in the reserve pit. The pit will be fenced sheep tight on 3 sides with woven wire fence topped with barbed wire. The fourth side will be fenced once the rig moves off. The fence will be kept in good repair while the pit dries. Once dry, pit contents will be buried in place.

All trash will be placed in a portable trash cage. It will be hauled to an approved landfill. There will be no burial or burning. Human waste will be disposed of in chemical toilets or holding tanks. Contents will be hauled to a state approved dump station.

8. ANCILLARY FACILITIES

There will be no air strip or camp. Camper trailers may be on location for the company man, tool pusher, and mud logger.

9. WELL SITE LAYOUT

See attached drawings of the well pad, cross section, cut and fill diagram, reserve pit, trash cage, access onto the location, parking, living facilities, and rig orientation.

10. RECLAMATION

Reclamation starts once the reserve pit is dry, at which point it will be back filled. The reserve pit, pipeline route, and any areas not needed for work overs will initially be reclaimed. Slopes will be no steeper than 3 to 1. Water bars will be installed in cut and skewed to drain every ≈ 100 yards on the

EXHIBIT J

NMOCD

8 1/2/07

PERMITS WEST, INC.
PROVIDING PERMITS for LAND USERS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.

1 Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5 Lease Serial No NMNM 104609
2 Name of Operator Coleman Oil & Gas, Inc.		6 If Indian, Allottee or Tribe Name
3a Address P.O. Drawer 3337	3b Phone No (include area code) 505-327-0356	7 If Unit or CA/Agreement, Name and/or No
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) 1400' FNL, 1300' FWL E, Section 23, T24N, R11W Latitude 36.302278° Longitude 107.976865°		8 Well Name and No Juniper West 23 #12
		9 API Well No 30-045-34066
		10 Field and Pool, or Exploratory Area Basin Fruitland Coal
		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			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleat 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 recompleat 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 OCTOBER 17, 2008
RELEASED ROTARY TOOLS OCTOBER 22, 2008

This approval expires 10/1/2009

14 I hereby certify that the foregoing is true and correct Name (Printed/Typed) MICHAEL T. HANSON		Title OPERATIONS ENGINEER
Signature <i>Michael T. Hanson</i>	Date March 19 2009	

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>Troy L. Saliers</i>	Title PE	Date 3/27/2009
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.	Office FFO	

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)

OPERATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007BUREAU OF LAND MANAGEMENT
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.

1 Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2 Name of Operator
Coleman Oil & Gas, Inc.3a Address
P.O. Drawer 33373b Phone No (include area code)
505-327-0356

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

1400' FNL, 1300' FWL E. Section 23, T24N, R11W Latitude 36.302278°, Longitude 107.976865°

5 Lease Serial No

NMNM 104609

6 If Indian, Allottee or Tribe Name

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

8 Well Name and No

Juniper West 23 #12

9 API Well No

30-045-34066

10 Field and Pool, or Exploratory Area

Basin Fruitland Coal

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

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 recompleat 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 recompleat 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. RECLAIMED RESERVE PIT, SEE ATTACHED INFORMATION.

SPUD WELL OCTOBER 17, 2008

RELEASED ROTARY TOOLS OCTOBER 22, 2008

14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

MICHAEL T. HANSON

Title OPERATIONS ENGINEER

Signature

Date

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

ACCEPTED FOR RECORD

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.

Office

APR 24 2009

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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FARMINGTON FIELD OFFICE
BY *MEH*

(Instructions on page 2)

OPERATOR



COLEMAN OIL & GAS, INC.

Bryan Lewis
e-mail: cogblewis@yahoo.com
Direct Line: 505 564.3911

CERTIFIED RETURN RECEIPT REQUESTED
7006 0810 0005 2445 8129

Tuesday, June 02, 2009

Bureau Of Land Management
1235 La Plata Highway, Suite A
Farmington, NM 87401-1805

RE: PIT CLOSURE NOTIFICATION
Township 24 North, Range 11 West
Section 15: SW/4
Section 22: W/2
Section 23: NW/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):

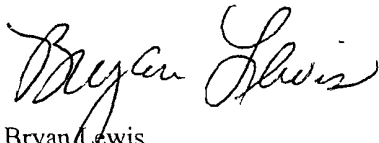
Well Name:	Juniper West Com 15 # 14
API Number:	30-045-34303
Lease Number:	NM NM 104608
Latitude (HDDD.DDDDD ^o):	N 36.30818 ^o
Longitude (HDDD.DDDDD ^o):	W 107.99515 ^o
Unit Letter (¼ ¼):	M (SWSW)
Section:	15
Township:	24 North
Range:	11 West
County:	San Juan
State:	New Mexico

Well Name:	Juniper West 23 # 12
API Number:	30-045-34066
Lease Number:	NM NM 104609
Latitude (HDDD.DDDDD ^o):	N 36.30223 ^o
Longitude (HDDD.DDDDD ^o):	W 107.97685 ^o

Bureau Of Land Management
Tuesday, June 02, 2009
Page 2

Unit Letter ($\frac{1}{4}$ $\frac{1}{4}$):	E (SWNW)
Section:	23
Township:	24 North
Range:	11 West
County:	San Juan
State:	New Mexico
Well Name:	Juniper West 22 # 32
API Number:	30-045-34313
Lease Number:	NM NM 104608
Latitude (HDDD.DDDDD⁰):	N 36.30150°
Longitude (HDDD.DDDDD⁰):	W 107.98713°
Unit Letter ($\frac{1}{4}$ $\frac{1}{4}$):	G (SWNE)
Section:	22
Township:	24 North
Range:	11 West
County:	San Juan
State:	New Mexico
Well Name:	Juniper West 22 # 34
API Number:	30-045-34314
Lease Number:	NM NM 104608
Latitude (HDDD.DDDDD⁰):	N 36.29412
Longitude (HDDD.DDDDD⁰):	W 107.98713
Unit Letter ($\frac{1}{4}$ $\frac{1}{4}$):	O (SWSE)
Section:	22
Township:	24 North
Range:	11 West
County:	San Juan
State:	New Mexico

Sincerely,


Bryan Lewis
Landman

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

CERTIFIED MAIL™



7006 0810 0005 2445 8129
7006 0810 0005 2445 8129

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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

OFFICIAL USE

Postage	\$	Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

See *PS Form 3800, June 2002*

Bureau Of Land Management
1235 La Plata Hwy, Suite A
Farmington NM 87499

See Reverse for Instructions

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:
Bureau Of Land Management
1235 La Plata Hwy,
Suite A
Farmington NM 87499

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ 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
☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

7006 0810 0005 2445 8129

Proof of Deed Notice

P.O. DRAWER 3337
FARMINGTON, NM 87499

OFFICE. 505-327-0356
FAX 505-327-9425



COLEMAN OIL & GAS, INC.

Bryan Lewis
e-mail: cogblewis@yahoo.com
Direct Line 505 564 3911

Monday, June 01, 2009

San Juan County Clerk & Recorder
Post Office Box 550
100 South Oliver Drive, Suite 200 (87410-2433)
Aztec, NM 87410-0550

RE: ITEMS FOR RECORDING

Enclosed you will find eight (8) RECORDATION NOTICE OF PIT BURIAL documents for recording along with our check number 035324 in the amount \$72.00 to pay for the fees. Please return the recorded documents to my attention at the letterhead address

Sincerely,

A handwritten signature in black ink, appearing to read 'Bryan Lewis', written in a cursive style.

Bryan Lewis
Landman

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 23 # 12
API Number:	30-045-34066
Latitude (HDDD.DDDDD⁰):	N 36.30223 ⁰
Longitude (HDDD.DDDDD⁰):	W 107.97685 ⁰
Unit Letter (¼ ¼):	E (SWNW)
Section:	23
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.

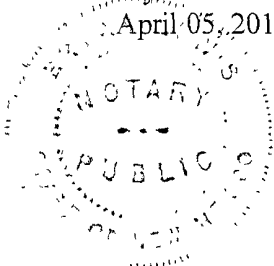

Michael T. Hanson - Operations Engineer

STATE OF NEW MEXICO }
 }
COUNTY OF SAN JUAN }

This instrument was acknowledged before me this 1st day of June, 2009, by Michael T. Hanson as Operations Engineer for Coleman Oil & Gas, Inc.

My Commission Expires:
April 05, 2011


Bryan Lewis - Notary Public



Plot Plan

RCVD JAN 5 07
OIL CONS. DIV.

DIST. 3

Form 3160-3
(August 1999)

2006 NOV 16 PM 2:33

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

RECEIVED
070 FARMINGTON

1a. TYPE OF WORK <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No NM NM 104609
b. TYPE OF WELL <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Coleman Oil & Gas, Inc.		7. If Unit or CA Agreement, Name and No
3a. Address P.O. Drawer 3337, Farmington N.M. 87499		8. Lease Name and Well No Juniper West 23 #12
3b. Phone No (include area code) (505) 327-0356		9. API Well No 30-045-34066
4. Location of well (Report location clearly and in accordance with any State requirements *) At surface 1400' FNL, 1300' FWL Latitude 36.302278°, Longitude 107.976865° At proposed prod zone		10. Field and Pool, or Exploratory Basin Fruitland Coal
11. Sec, T, R, M, or Blk And Survey or Area E Section 23, 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 60 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) 1300'	16. No of Acres in lease 1120	17. Spacing Unit dedicated to this well 320 ACRES W/2
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft NA	19. Proposed Depth 1145'	20. BLM/ BIA Bond No on file BLM Blanket Bond #08510612
21. ELEVATIONS (Show whether DF RT, GR, etc) 6411'	22. Approximate date work will start* November, 2006	23. Estimated Duration 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 | 4. Bond to cover the operations unless covered by existing bond on file (see item 20 above). |
| 2. A Drilling Plan | 5. Operator certification |
| 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) | 6. Such other site specific information and/ or plans as may be required by the authorized officer |

25. Signature <i>Michael T. Hanson</i>	Name (Printed/ Typed) Michael T. Hanson	DATE November 14, 2006
Title Operations Engineer		
Approved By (Signature) <i>D. Mamber</i>	Name (Printed/ Typed)	DATE 12/29/06
Title AFM	Office 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

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

NMOC

8 1/8/07

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, NM 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

Form C-102
Revised February 21, 1994

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

2006 NOV 16 PM 2:35

RECEIVED

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34066	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 36065	⁵ Property Name JUNIPER WEST 23	⁶ Well Number 12
⁷ GRID No 4838	⁸ Operator Name COLEMAN OIL & GAS, INC.	⁹ Elevation 6411

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
E	23	24 N	11 W		1400	NORTH	1300	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

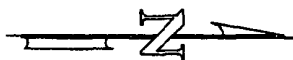
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 320 w/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--	-------------------------------	----------------------------------	-------------------------

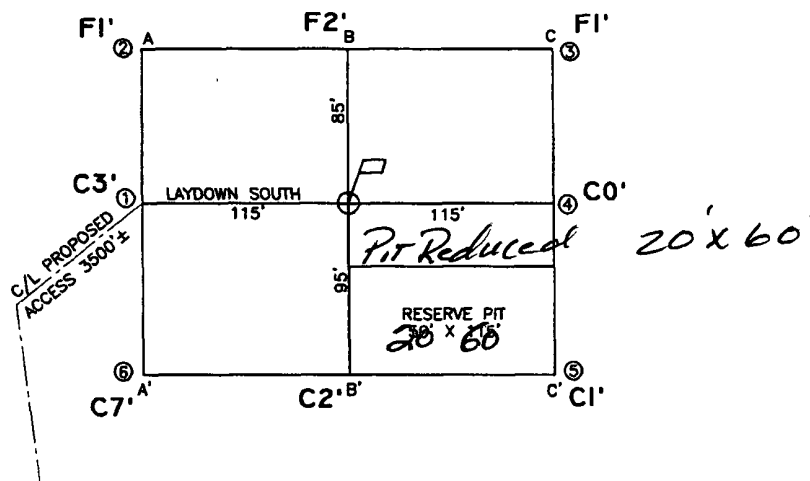
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 S 89°32'58" E 2626.65'	2628.44'	S 89°49'04" E 2624.82'	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <u>Michael T. Hansor</u> Printed Name: <u>Michael T. Hansor</u> Title: <u>Operations Engineer</u> Date: <u>November 14, 2006</u>
N 0°02'25" E 1300'	LAT. N 36.302278° LONG. W 107.976865° NAD 83		
2624.78'	SECTION 23		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. Date of Survey: <u>7/27/06</u> Signature and Seal of Professional Surveyor: <u>Robert L. Pounds</u> Certificate Number: <u>6846</u>
N 0°00'43" E 2636.80'		N 89°52'35" W 2592.07'	

INOTIFY
NEW MEXICO ONE-CALL
BEFORE COMMENCING
EXCAVATION!
(800) 321-2537



0 50 100
SCALE: 1"=100'



A-A'

6430				
6420				
6410				
6400				
6390				

B-B'

6430				
6420				
6410				
6400				
6390				

C-C'

6430				
6420				
6410				
6400				
6390				

CROSS SECTIONS

HORIZONTAL: 1"=100'
VERTICAL: 1"=100'

LEASE: JUNIPER WEST 23 #12

FOOTAGE: 1400' FNL, 1300' FWL

SEC. 23 TWN. 24 N RNG. II W N.M.P.M.

LATITUDE: N 36.302278° LONGITUDE: W 107.976865°

ELEVATION: 6411

COLEMAN OIL & GAS, INC.
FARMINGTON, NEW MEXICO

SURVEYED: 7/27/06

REV. DATE:

APP. BY R.P.

DRAWN BY: A.D.


DATE DRAWN: 8/21/06

FILE NAME: 6938C01



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. 30-045-34066 2. Type of Lease <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN 3. State Oil & Gas Lease No								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing <input type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input checked="" type="checkbox"/> 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 23 6. Well Number #12								
7. Type of Completion <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> 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:	E	23	24N	11W		1400	N	1300	W	San Juan
BH:										
13. Date Spudded October 17, 2008	14. Date T D Reached October 20, 2008	15. Date Rig Released October 22, 2008		16. Date Completed (Ready to Produce) WOCT			17. Elevations (DF and RKB, RT, GR, etc)			
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						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		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 30223 Longitude W107 97685 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 			Printed Name Michael T. Hanson Title Operations Engineer Date July 6, 2009							
E-mail Address mhanson@cog-fmn.com										

Sampling Results

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

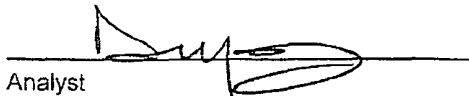
Client	Coleman Oil & Gas	Project #	05206-0001
Sample ID	Pit	Date Reported	03-04-09
Laboratory Number	49124	Date Sampled	02-25-09
Chain of Custody No.	6411	Date Received	02-25-09
Sample Matrix	Soil	Date Extracted	03-02-09
Preservative	Cool	Date Analyzed	03-03-09
Condition	Intact	Analysis Requested	8015 TPH

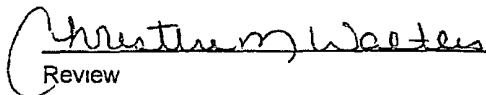
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	7.6	0.1
Total Petroleum Hydrocarbons	7.6	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Juniper West 23 #12.**


Analyst


Review

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	03-03-09 QA/QC	Date Reported:	03-04-09
Laboratory Number:	49122	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-03-09
Condition:	N/A	Analysis Requested:	TPH

	Lab Date	Lab RF	C-28 RF	% Difference	Accept Range
Gasoline Range C5 - C10	05-07-07	9.8401E+002	9.8441E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0122E+003	1.0126E+003	0.04%	0 - 15%

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	4.7	4.6	2.1%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	250	100%	75 - 125%
Diesel Range C10 - C28	4.7	250	253	99.2%	75 - 125%

ND - Parameter not detected at the stated detection limit.

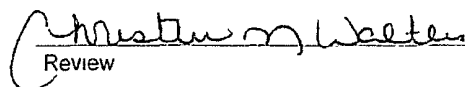
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 49122 - 49124, 49143, 49151 - 49153 and 49169.

Analyst



Review



Client	Coleman Oil & Gas	Project #:	05206-0001
Sample ID	Pit	Date Reported:	03-04-09
Laboratory Number:	49124	Date Sampled:	02-25-09
Chain of Custody:	6411	Date Received:	02-25-09
Sample Matrix:	Soil	Date Analyzed	03-03-09
Preservative:	Cool	Date Extracted:	03-02-09
Condition:	Intact	Analysis Requested	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.5	0.9
Toluene	5.3	1.0
Ethylbenzene	1.4	1.0
p,m-Xylene	6.6	1.2
o-Xylene	6.0	0.9
Total BTEX	20.8	

ND - Parameter not detected at the stated detection limit

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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

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

Comments: Juniper West 23 #12.

Analyst

Review

Client	N/A	Project #:	N/A
Sample ID:	03-03-BT QA/QC	Date Reported:	03-04-09
Laboratory Number:	49122	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-03-09
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	Cal. R ²	Cal. R ²	% Diff.	Blank Conc.	Detect. Limit
		Accept. Range	0 - 15%		
Benzene	2.2416E+005	2.2461E+005	0.2%	ND	0.1
Toluene	2.5727E+005	2.5779E+005	0.2%	ND	0.1
Ethylbenzene	2.6047E+005	2.6099E+005	0.2%	ND	0.1
p,m-Xylene	6.6790E+005	6.6924E+005	0.2%	ND	0.1
o-Xylene	3.1716E+005	3.1780E+005	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	% Diff.	Accept. Range	Detect. Limit
Benzene	6.4	6.2	3.1%	0 - 30%	0.9
Toluene	17.5	17.1	2.3%	0 - 30%	1.0
Ethylbenzene	10.3	10.1	1.9%	0 - 30%	1.0
p,m-Xylene	36.6	36.2	1.1%	0 - 30%	1.2
o-Xylene	18.3	17.8	2.7%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept. Range
Benzene	6.4	50.0	56.0	99.3%	39 - 150
Toluene	17.5	50.0	64.5	95.6%	46 - 148
Ethylbenzene	10.3	50.0	59.3	98.3%	32 - 160
p,m-Xylene	36.6	100	132	96.3%	46 - 148
o-Xylene	18.3	50.0	71.3	104%	46 - 148

ND - Parameter not detected at the stated detection limit

References

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

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996

Comments: QA/QC for Samples 49122 - 49124, 49141, 49143, 49144, 49151 - 49153, and 49169.

Analyst

Review

Client:	Coleman Oil & Gas	Project #:	05206-0001
Sample ID	Pit	Date Reported	03-05-09
Laboratory Number:	49124	Date Sampled	02-25-09
Chain of Custody No:	6411	Date Received	02-25-09
Sample Matrix	Soil	Date Extracted	03-02-09
Preservative:	Cool	Date Analyzed	03-02-09
Condition:	Intact	Analysis Needed	TPH-418.1

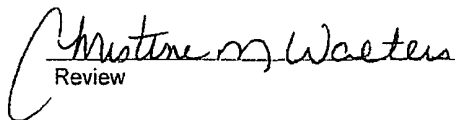
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	42.0	5.0

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 23 #12.

Analyst 


Review

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	03-05-09
Laboratory Number:	03-02-TPH.QA/QC 49108	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	03-02-09
Preservative:	N/A	Date Extracted:	03-02-09
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
	02-13-09	03-02-09	1,500	1,640	9.3%	+/- 10%

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	36.0	31.2	13.3%	+/- 30%

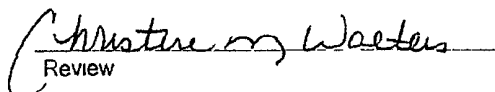
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
TPH	36.0	2,000	1,680	82.5%	80 - 120%

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 49108, 49122 - 49124, 49151 - 49153 and 49164.

Analyst 

Review 



envirotech
Analytical Laboratory

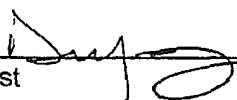
Chloride

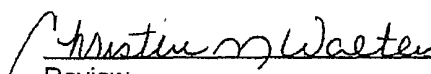
Client	Coleman Oil & Gas	Project #:	05206-0001
Sample ID	Pit	Date Reported	03-05-09
Lab ID#	49124	Date Sampled	02-25-09
Sample Matrix	Soil	Date Received	02-25-09
Preservative	Cool	Date Analyzed	02-26-09
Condition	Intact	Chain of Custody	6411

Parameter	Concentration (mg/Kg)
Total Chloride	130

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 23 #12.


Analyst


Review

CHAIN OF CUSTODY RECORD

6411

Client: <u>Colman Oil & Gas, Inc.</u>			Project Name / Location: <u>Juniper - West Z3 #12</u>			ANALYSIS / PARAMETERS													
Client Address: <u>P.O. Drawer 333</u>			Sampler Name: <u>Mike Hans</u>			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
Client Phone No.: <u>505-327-0356</u>			Client No.: <u>05000-0001</u>																
Sample No / Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No / Volume of Containers	Preservative													
<u>P-7</u>	<u>2/25/09</u>	<u>12:30pm</u>	<u>49124</u>	<u>Soil</u> Solid	Sludge Aqueous														
				Soil	Sludge														
				Soil	Sludge														
				Soil	Sludge														
				Soil	Sludge														
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				Soil	Sludge														
Relinquished by: (Signature) <u>[Signature]</u>			Date	Time	Received by: (Signature) <u>[Signature]</u>			Date	Time										
Relinquished by: (Signature)			<u>2/25/09</u>	<u>3:30pm</u>	Received by: (Signature)			<u>2/25/09</u>	<u>3:30pm</u>										
Relinquished by: (Signature)					Received by: (Signature)														

ENVIROTECH INC.

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

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 23 #12

Legal E Section 23 Township 24N Range 11W

API# 30-045-34066

Lease# NMNM 104609

		MTH	DC	BT		Comments
10/15/2008		<i>MTH</i>	<i>DC</i>			
10/16/2008			<i>DC</i>			
10/17/2008			<i>DC</i>			
10/18/2008			<i>DC</i>			
10/19/2008			<i>DC</i>			
10/20/2008			<i>DC</i>			
10/21/2008			<i>DC</i>			
10/22/2008			<i>DC</i>			

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

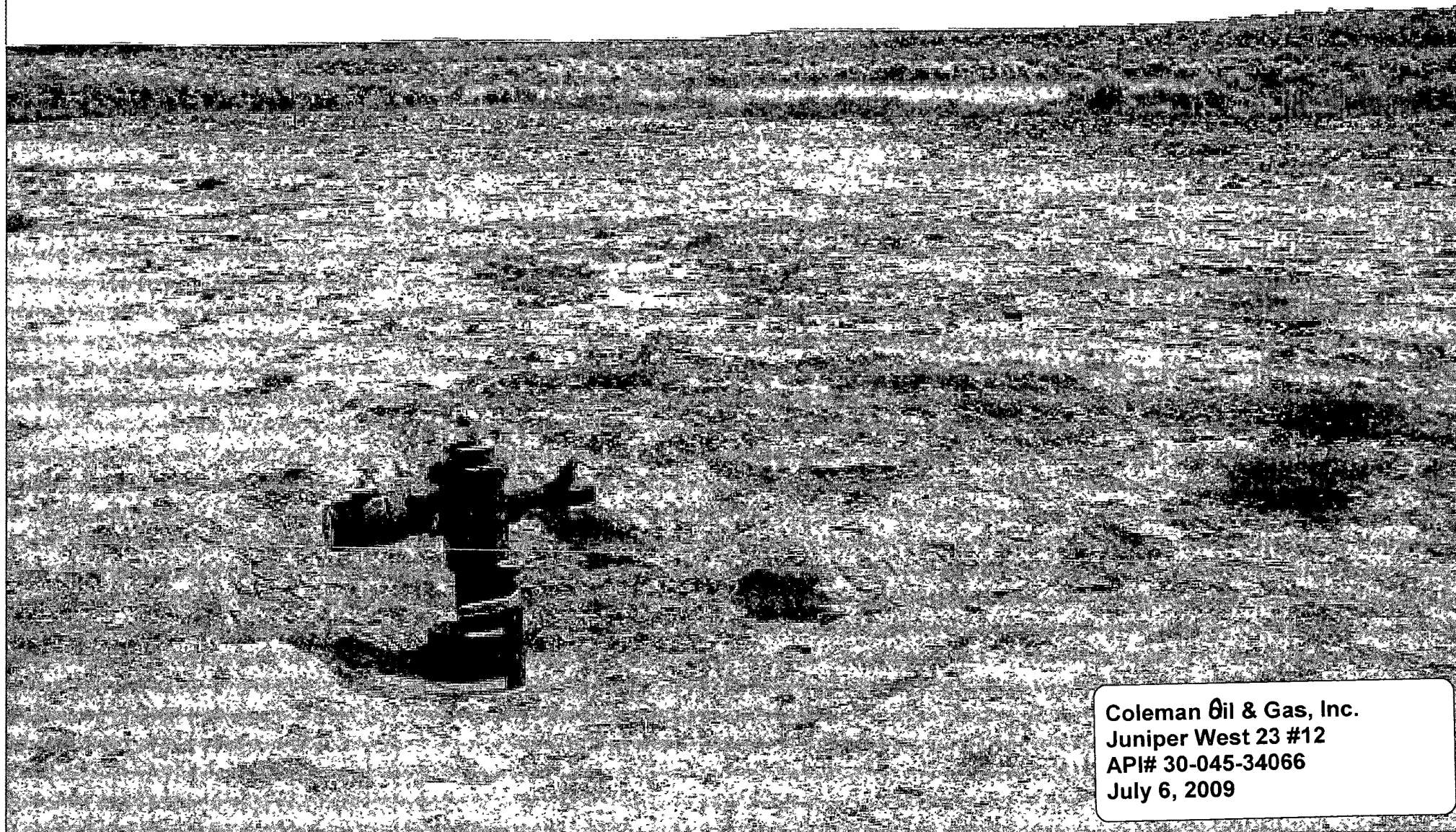
Lease Name. Juniper West 23 #12
Legal E Section 23 Township 24N Range 11W
API# 30-045-34066
Lease# NMNM 104609

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

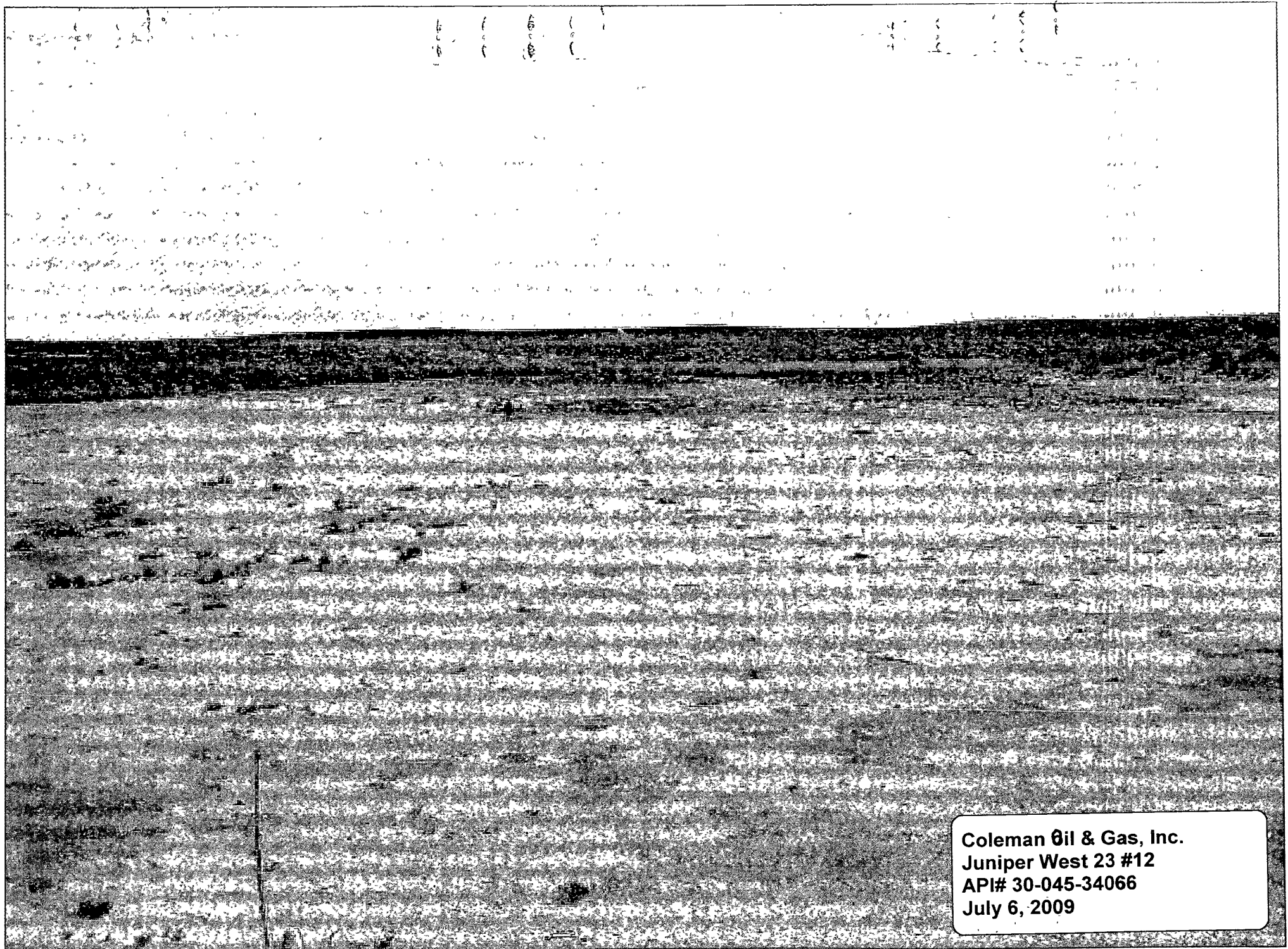
Site Reclamation Photos



Coleman Oil & Gas, Inc.
Juniper West 23 #12
API# 30-045-34066
July 6, 2009



Coleman Oil & Gas, Inc.
Juniper West 23 #12
API# 30-045-34066
July 6, 2009



Coleman Oil & Gas, Inc.
Juniper West 23 #12
API# 30-045-34066
July 6, 2009



Coleman Oil & Gas, Inc.
Juniper West 23 #12
API# 30-045-34066
July 6, 2009