

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.

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

8576 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.

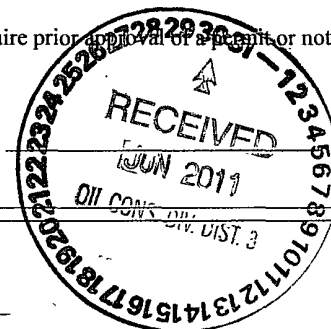
1.  
Operator: **CBM Partners Corporation** OGRID #: **271017**  
Address: **P.O. Box 27, Flora Vista, NM 87415**  
Facility or well name: **Smyslov H #1**  
API Number: **30-043-21105** OCD Permit Number: \_\_\_\_\_  
U/L or Qtr/Qtr **A** Section **21** Township **20N** Range **3W** County: **Sandoval**  
Center of Proposed Design: Latitude **35.95455 N** Longitude **107.15100 W** 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: **5340** bbl Dimensions: L **100** x W **50** x D **6**

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.	<p><b>Fencing:</b> Subsection D of 19.15.17.11 NMAC (<i>Applies to permanent pits, temporary pits, and below-grade tanks</i>)</p> <p><input type="checkbox"/> Chain link, six feet in height, two strands of barbed wire at top (<i>Required if located within 1000 feet of a permanent residence, school, hospital, institution or church</i>)</p> <p><input type="checkbox"/> Four foot height, four strands of barbed wire evenly spaced between one and four feet</p> <p><input type="checkbox"/> Alternate. Please specify _____</p>																				
7.	<p><b>Netting:</b> Subsection E of 19.15.17.11 NMAC (<i>Applies to permanent pits and permanent open top tanks</i>)</p> <p><input type="checkbox"/> Screen <input type="checkbox"/> Netting <input type="checkbox"/> Other _____</p> <p><input type="checkbox"/> Monthly inspections (If netting or screening is not physically feasible)</p>																				
8.	<p><b>Signs:</b> Subsection C of 19.15.17.11 NMAC</p> <p><input type="checkbox"/> 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers</p> <p><input type="checkbox"/> Signed in compliance with 19.15.3.103 NMAC</p>																				
9.	<p><b>Administrative Approvals and Exceptions:</b></p> <p>Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.</p> <p><b>Please check a box if one or more of the following is requested, if not leave blank:</b></p> <p><input type="checkbox"/> Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau office for consideration of approval.</p> <p><input type="checkbox"/> Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.</p>																				
10.	<p><b>Siting Criteria (regarding permitting):</b> 19.15.17.10 NMAC</p> <p><b>Instructions:</b> <i>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.</i></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 85%;"> <p>Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.</p> <p>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells</p> </td> <td style="width: 15%; text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td> <p>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).</p> <p>- Topographic map; Visual inspection (certification) of the proposed site</p> </td> <td style="text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td> <p>Within 300 feet from a permanent residence, school, hospital, institution; or church in existence at the time of initial application. (<i>Applies to temporary, emergency, or cavitation pits and below-grade tanks</i>)</p> <p>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</p> </td> <td style="text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input type="checkbox"/> No  <input type="checkbox"/> NA </td> </tr> <tr> <td> <p>Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (<i>Applies to permanent pits</i>)</p> <p>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</p> </td> <td style="text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input type="checkbox"/> No  <input type="checkbox"/> NA </td> </tr> <tr> <td> <p>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.</p> <p>- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</p> </td> <td style="text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td> <p>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.</p> <p>- Written confirmation or verification from the municipality; Written approval obtained from the municipality</p> </td> <td style="text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td> <p>Within 500 feet of a wetland.</p> <p>- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</p> </td> <td style="text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td> <p>Within the area overlying a subsurface mine.</p> <p>- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division</p> </td> <td style="text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td> <p>Within an unstable area.</p> <p>- Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</p> </td> <td style="text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td> <p>Within a 100-year floodplain.</p> <p>- FEMA map</p> </td> <td style="text-align: right; vertical-align: top;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> </table>	<p>Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.</p> <p>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p>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).</p> <p>- Topographic map; Visual inspection (certification) of the proposed site</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p>Within 300 feet from a permanent residence, school, hospital, institution; or church in existence at the time of initial application. (<i>Applies to temporary, emergency, or cavitation pits and below-grade tanks</i>)</p> <p>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<p>Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (<i>Applies to permanent pits</i>)</p> <p>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<p>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.</p> <p>- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p>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.</p> <p>- Written confirmation or verification from the municipality; Written approval obtained from the municipality</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p>Within 500 feet of a wetland.</p> <p>- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p>Within the area overlying a subsurface mine.</p> <p>- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p>Within an unstable area.</p> <p>- Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p>Within a 100-year floodplain.</p> <p>- FEMA map</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
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<p>Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (<i>Applies to permanent pits</i>)</p> <p>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA																				
<p>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.</p> <p>- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No																				
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<p>Within an unstable area.</p> <p>- Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No																				
<p>Within a 100-year floodplain.</p> <p>- FEMA map</p>	<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 H<sub>2</sub>S, 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: Jonell D. Kelly Approval Date: 1/23/2012

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: 6/15/2011

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 (Not Applicable, on-site closure)  
☒ Soil Backfilling and Cover Installation  
☐ Re-vegetation Application Rates and Seeding Technique (Will Re-Seed upon well PxA)  
☒ Site Reclamation (Photo Documentation) (Will Reclaim upon well PxA)

On-site Closure Location: Latitude 35.95455 N Longitude 107.15100 W 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): P. Sikora Title: VP

Signature: \_\_\_\_\_ Date: 6-28-2011

e-mail address: P.Sikora@compartners.com Telephone: 505 333 2500

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 & Natural Resources Department

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised October 12, 2005  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number	*Pool Code 52260	*Pool Name RIO PUERCO MANCOS
*Property Code	*Property Name SMYSLOV H	*Well Number 1
*OGRID No. 271017	*Operator Name CBM PARTNERS CORPORATION	*Elevation 6775'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	21	20N	3W		660	NORTH	660	EAST	SANDOVAL

<sup>11</sup> Bottom Hole Location If Different From Surface

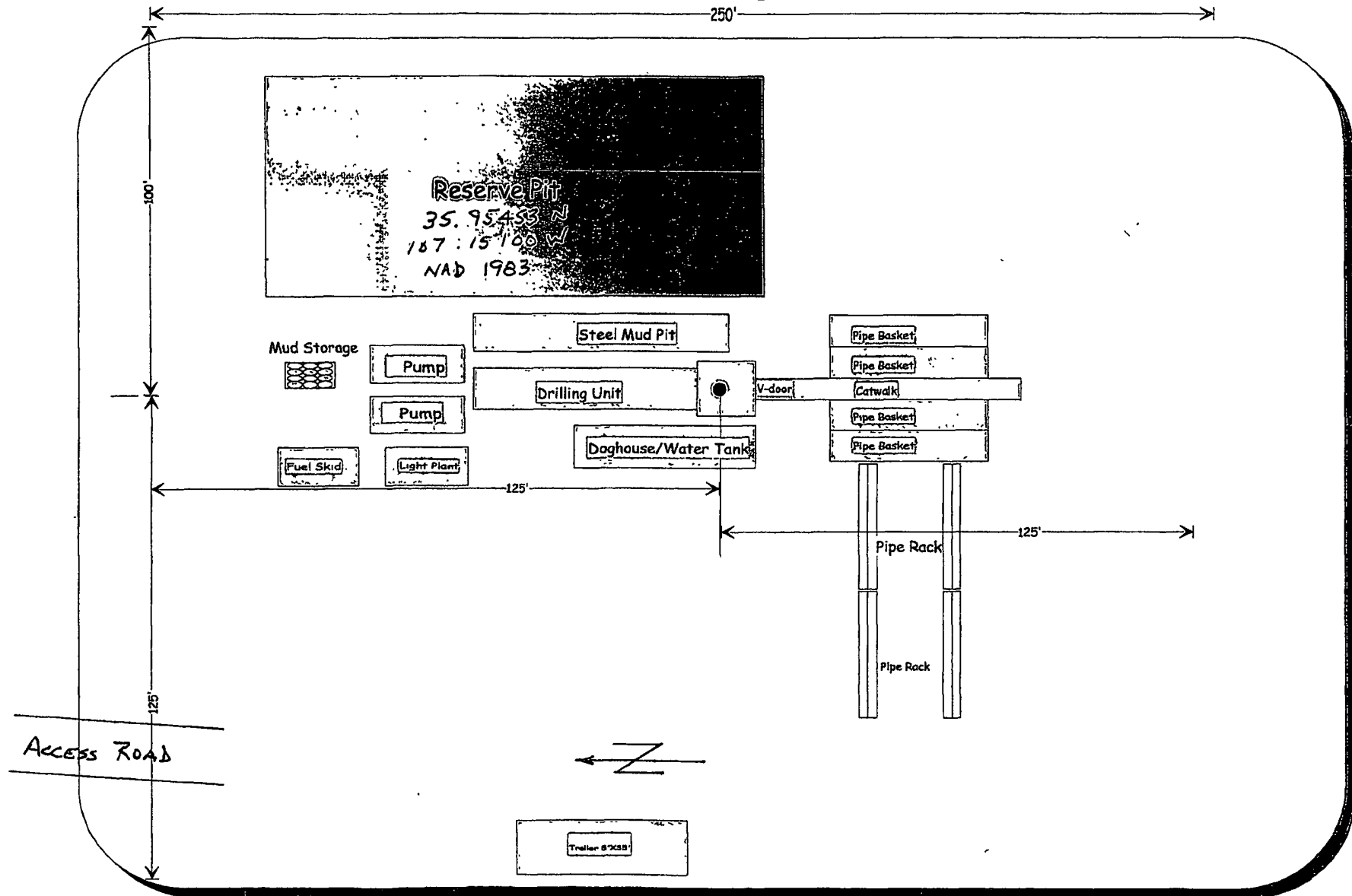
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres 320.0 Acres - N/2					<sup>13</sup> Joint or Infill Y		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.

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	5280.00'	Pit Location 35.95453 N 107.15100 W NAD 1983	660'	660'	LAT: 35°57'27.16" N LONG: 107°09'02.41" W DATUM: NAD1927	LAT: 35.95455° N LONG: 107.15100° W DATUM: NAD1983	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division  Signature <u>Paul C. Thompson</u> Date <u>5/18/10</u> Printed Name <u>Paul C. Thompson</u>
LEASE NM 201001-21		21		5280.00'		5280.00'	

# Plat #3 Location Diagram

Location Dimensions 250' X 225'



CBM Partners  
Location Layout

**COM PARTNERS CORPORATION SHELLOV H #1  
660' FNL & 660' FHL SECTION 21, T20N, R3W, N4EPM  
SANDOVAL COUNTY, NEW MEXICO ELEVATION: 6775'**

**LATITUDE: 35.95455° N**  
**LONGITUDE: 107.15100° W**  
 DATUM: NAD1983

**RESERVE PIT**  
 10' X 140'

**CENTER RESERVE PIT**  
 LAT : 35.95470° N  
 LONG : 107.15078° W  
 DATUM : NAD1983

**WORKING SIDE**  
 125'

**SOUTH LAYDOWN**  
 125'

**ACCESS**  
 10-68) 535'

**Dimensions:**  
 100', 125', 30'

**Boundaries:**  
 A, B, C, D

**Access:**  
 10-68) 535'

A-A'								
6785'								
6775'								
6765'								
B-B'								
6785'								
6775'								
6765'								
C-C'								
6785'								
6775'								
6765'								



# **Hydrogeological Report for Smyslov H #1**

## **Regional Geological context:**

The Smyslov H #1 is located on Federal land between two forks of the San Isidro wash in a large flat valley floor. This area drains in a south westerly direction into the Rio Puerco river basin in Sandoval County, New Mexico. The area around the location is flat shaley soil with sparse vegetation. There are numerous small arroyos which drain to the southwest to the San Isidro Wash approximately one mile away.

A records search of the NM Office of the State Engineer – iWATERS database indicated that there was no depth to ground water data available in this township. The closest water well reported was in the Section 7, T21N, R7W which is approximately twenty miles northwest of the proposed location. This well reported a depth to ground water of 240'. The water from this well is used for livestock.

Geologic maps of the area indicate that the surface formation at the proposed well site is the Nacimiento formation. The Nacimiento Formation is of Paleocene age (Baltz, 1967, p. 35). It crops out in a broad band inside the southern and western margins of the central basin and in a narrow band along the west face of the Nacimiento Uplift. The Nacimiento is a nonresistant unit and typically erodes to low, rounded hills or forms badland topography.

The Nacimiento Formation occurs in approximately only the southern two-thirds of the San Juan Basin where it conformably overlies and intertongues with the Ojo Alamo Sandstone (Fassett, 1974, p. 229). The Nacimiento Formation grades laterally into the main part of the Animas Formation (Fassett and Hinds, 1971, p. 34); thus, in this area, the two formations occupy the same stratigraphic interval. Strata of the Nacimiento Formation were deposited in lakebeds in the central basin area with lesser deposition in stream channels (Brimhall, 1973, p. 201). In general, the Nacimiento consists of drab, interbedded black and gray shale with discontinuous, white, medium- to very coarse grained arkosic sandstone (Stone et al., 1983, p.30). Stone et al. indicated that the formation may contain more sandstone than commonly reported because some investigators assume the slope-forming strata in the unit area shales, whereas in many places the strata actually are poorly consolidated sandstones. Total thickness of the Nacimiento Formation ranges from about 500 to 1,300 feet. The unit generally thickens from the basin margins toward the basin center (Steven et al., 1974). The sandstone deposits within the Nacimiento Formation are much thinner than the total thickness of the formation because their environment of deposition was localized stream channels (Brimhall, 1973, p. 201). The thickness of the combined San Jose, Animas, and Nacimiento Formations ranges from 500 to more than 3,500 feet.

**Hydraulic Properties:**

**Reported well yields for** 53 wells completed in either the Animas or Nacimiento Formations range from 2 to 90 gallons per minute and the median yield is 7.5 gallons per minute. The primary use of water from Nacimiento and Animas Formations is domestic and livestock supplies. There are no known aquifer tests for the Animas or Nacimiento Formations, but specific capacities reported for six wells range from 0.24 to 2.30 gallons per minute per foot of drawdown (Levings et al., 1990).

The Animas and Nacimiento Formations are in many ways hydrologically similar to the San Jose Formation because sands in both units produce approximately the same quantities of water. However, the greater percentage of fine materials in the Animas and Nacimiento Formations may restrict downward vertical leakage to the Ojo Alamo Sandstone or Kirtland Shale. The poorly cemented fine material is highly erodible, forms a badland terrain, and supports only spotty vegetation. These conditions are more conducive to runoff than retention of precipitation.

**References:**

Baltz, E.H., 1967, Stratigraphy and regional tectonic implications of part of Upper Cretaceous rocks, east-central San Juan Basin, New Mexico: USGS Professional Paper

**FEMA Map – 100 year floodplain**

According to the attached FEMA map the area is outside a 100 year floodplain.

**Sitting Criteria Compliance Demonstrations**

The Smyslov H #1 is not located in an unstable area. The location is not over a mine and is not on the side of a steep hill. The location of the excavated pit material will not be located within 300' of any continuously flowing watercourse or 200' from any other watercourse.

CBM Partners Corporation  
Smyslov H #1  
Temporary Reserve Pit Application  
Siting Criteria

1. According to the iWaters Database from the State Engineers Office, there are no water wells in this Township. The closest water well is in Section 7, T21N, R7W (approximately eight miles northwest). The minimum depth to ground water listed is 240'. See attached printout.
2. As shown on the attached topographic map and aerial photos, there are no continuously flowing watercourses within 300' of the well, or any significant watercourses, lakebeds, sinkholes, or playa lakes within 200' of the well.
3. There are no permanent residences, schools, hospitals, institutions, churches within 300' of the well.
4. There are no domestic water wells or springs within 500' of the well. See iWaters Database printout.
5. The well is not located within any municipal boundaries.
6. The well is not within 500' of any wetlands. See attached topographic map and aerial photos.
7. There are no subsurface mines in Section 21, T20N, R6W. See attached map from the NMEMNRD Mining and Mineral Division.
8. The Smyslov H #1 is not located in an "unstable" area. The location is not over a mine and is not on the side of a hill. The location of the excavated pit material will not be located within 300' of a continuously flowing watercourse or 200' from any other watercourse.
9. The well is not located in a 100-year floodplain as visible on the topographic map.
10. In the event that the composite pit sample that is mixed 3:1 with native soils does not meet the requirements for onsite burial, the pit contents will be removed and disposed of at the Envirotech Landfarm #2 ( NMOC Permit #11).



# New Mexico Office of the State Engineer Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Sub basin	Use	County	Q1	Q2	Q3	Q4	Sec	Twp	Rng	X	Y	Distance	Well	Water Column	Depth
SJ 00274 S-3	HWY	SA		4	4	16	22N	05W			287567	4001050*	27001	1313		
SJ 00274 S-2	HWY	SA		3	3	16	23N	05W			286665	4010877*	35307	600		
SJ 01506	SCH	SA		1	1	3	22	23N	06W		278535	4010015*	39722	280		
SJ 01824	MUL	SA		3	3	1	07	21N	07W		263575	3994603*	44494	100		
SJ 03562	SAN	SA		3	3	1	07	21N	07W		263575	3994603*	44494	680	240	440
Average Depth to Water:															240 feet	
Minimum Depth:															240 feet	
Maximum Depth:															240 feet	

Record Count: 5

## Basin/County Search:

Basin: San Juan

County: Sandoval

## UTM NAD83 Radius Search (In meters):

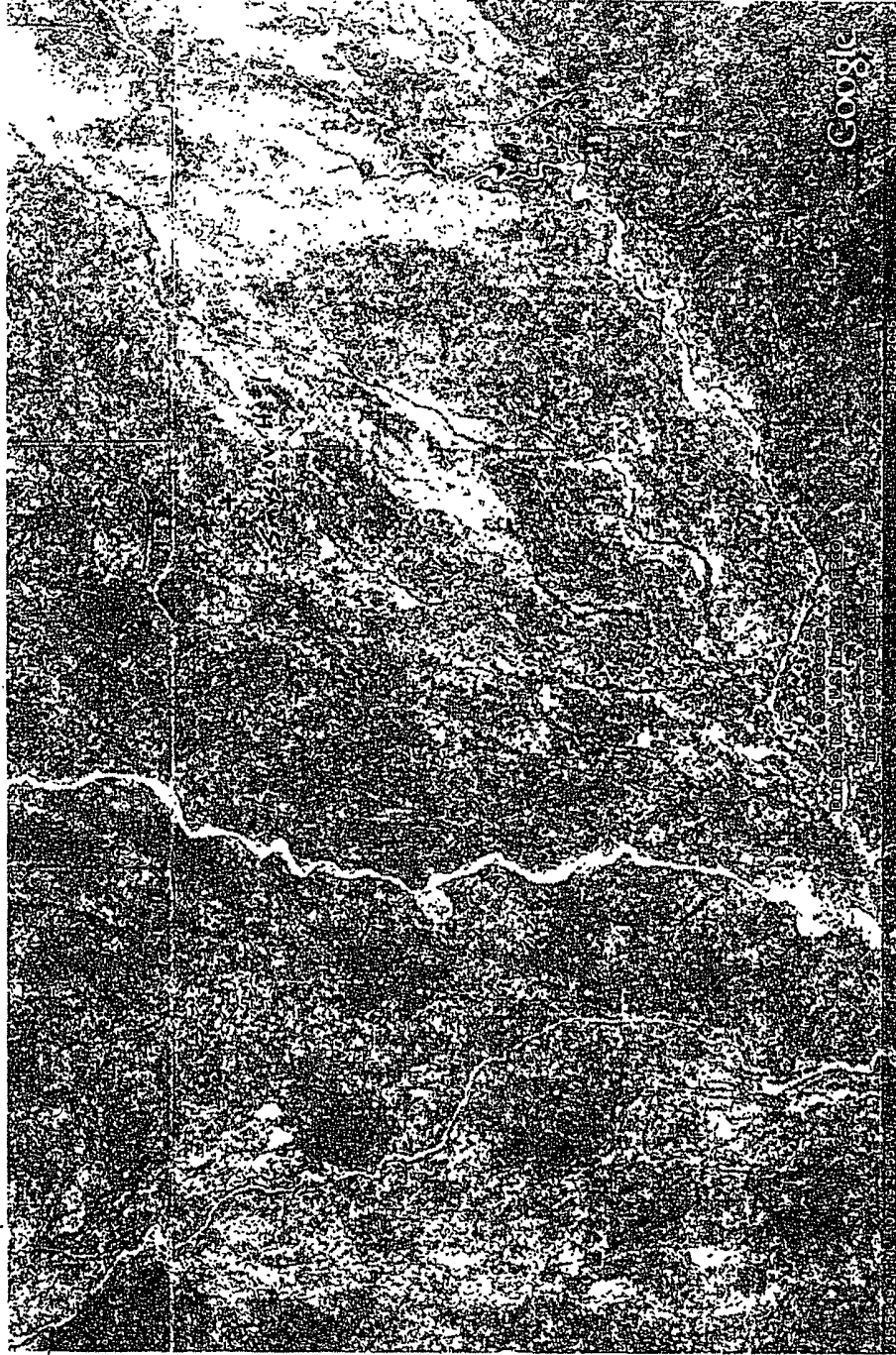
Easting (X): 306057.34

Northing (Y): 3981372.39

Radius: 50000

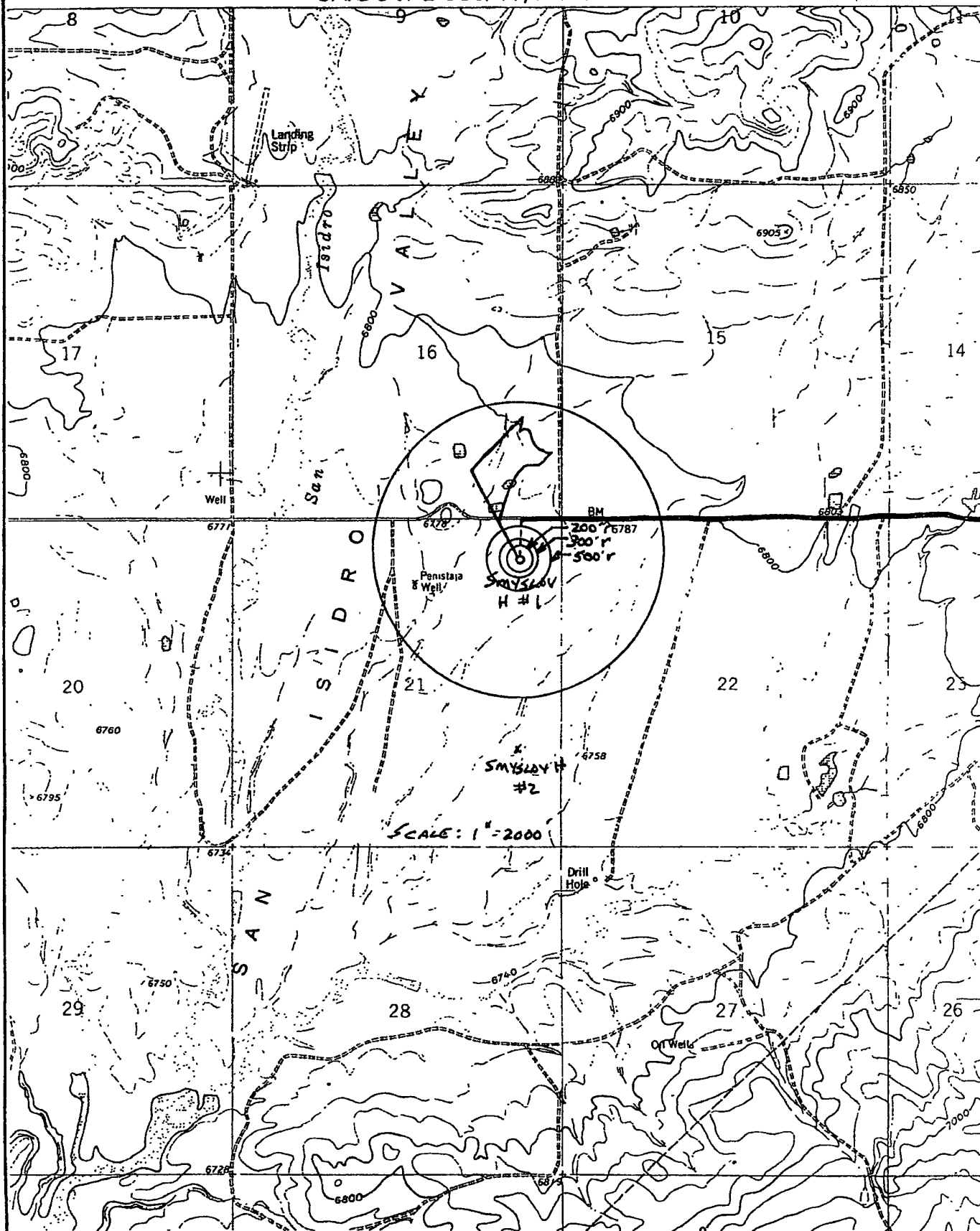
\*UTM location was derived from PLSS - see Help

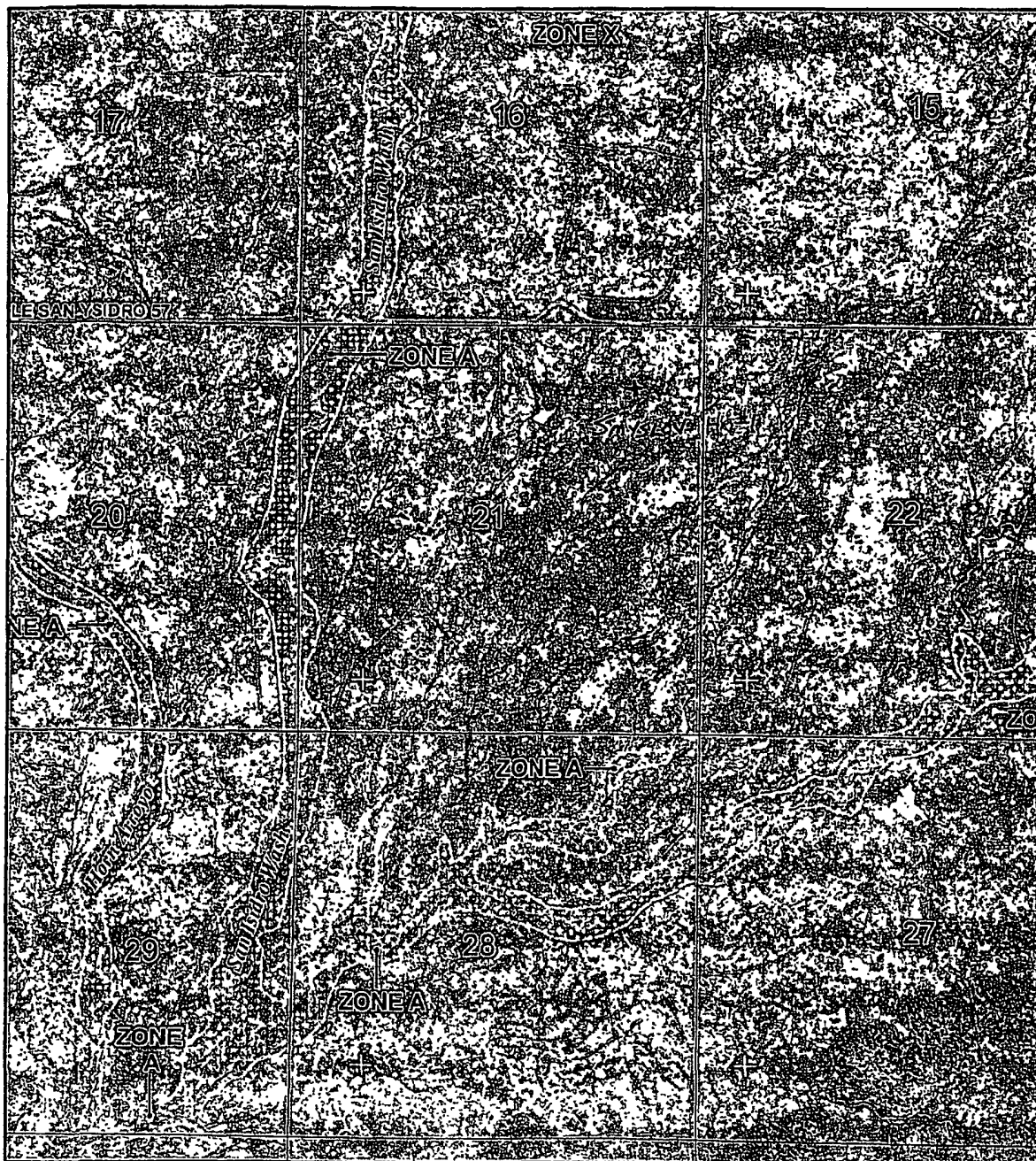
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



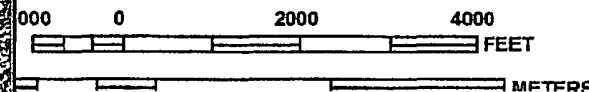
FLAT #1

CBM F    MINERS CORPORATION SMYSLDV H #1  
660' FNL & 660' FEL, SECTION 21, T20N, R3W, N.M.P.M.  
SANDOVAL COUNTY, NEW MEXICO





MAP SCALE 1" = 2000'



NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0550D

**FIRM**  
FLOOD INSURANCE RATE MAP  
SANDOVAL COUNTY,  
NEW MEXICO  
AND INCORPORATED AREAS

PANEL 550 OF 2225  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
SANDOVAL COUNTY, UNINCORPORATED AREAS	350055	0550	D

Notice to User: The Map Number shown below should be used when placing map orders, the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER  
35043C0550D

MAP REVISED  
MARCH 18, 2008

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at [www.msc.fema.gov](http://www.msc.fema.gov)



# MMQonline Public Version

## Mines, Mills & Quarries Commodity Groups

- △ Aggregate & Stone Mines
- ◆ Coal Mines
- ★ Industrial Minerals Mines
- ▼ Industrial Minerals Mills
- ▣ Metal Mines and Mill Concentrate
- Potash Mines & Refineries
- ⌘ Smelters & Refinery Ops.
- ✱ Uranium Mines
- ⊕ Uranium Mills

## Population

- Cities - major

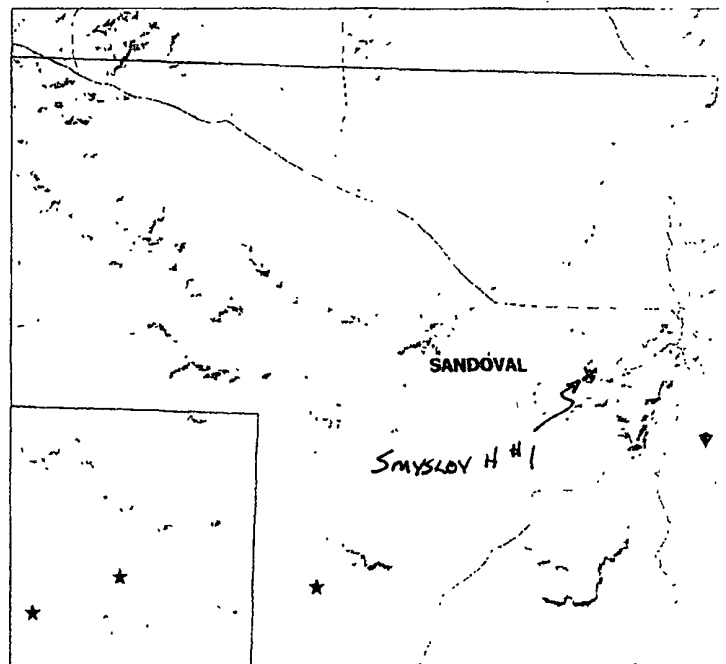
## Transportation

- Railways

SCALE 1 : 500,000



MILES



N



**CBM Partners Corporation  
Smyslov H #1  
Pit Design and Construction Plan**

In accordance with Rule 19 15 17 the following information describes the design and construction for temporary pits on CBP Partners Corporation's locations; this is CBM Partners Corporation's standard procedure for all temporary pits. A separate plan will be submitted for any temporary pit which does not conform to this plan.

**General Plan**

- 1 CBM Partners Corporation will design and construct a temporary pit to contain liquids and solids and prevent contamination of fresh water and protect public health and environment
- 2 Prior to constructing the pit, topsoil will be stockpiled in the construction zone for later use in restoration
- 3 CBM Partners Corporation will post a well sign, not less than 12' by 14', on the well site prior to construction of the temporary pit. The sign will list the operator on record as the operator, the location of the well by unit letter, section, township rang, and emergency telephone numbers
- 4 CBM Partners Corporation shall construct all new fences unitizing 48" steel mesh field-fence (hogwire) on the bottom with a single strand of barbed wire on top. T-posts shall be installed every 12 feet and corners shall be anchored utilizing a secondary T-post. Temporary pits will be fenced at all times excluding drilling or workover operations, when the front side of the fence will be temporarily removed for operational purposes
- 5 CBM Partners Corporation shall construct the temporary pit so that the foundation and interior slopes are firm and free of rocks, debris, sharp edges or irregularities to prevent liner failure
- 6 CBM Partners Corporation shall construct the pit so that the slopes are no steeper than two horizontal feet to 1 vertical foot
- 7 Pit walls will be walked down by a crawler type tractor following construction
- 8 All temporary pits will be lined with a 20-mil, string reinforced, LLDPE liner, complying with EPA SW-846 method 9090A requirements
- 9 Geotextile will be installed beneath the liner when rocks, debris, sharp edges or irregularities cannot be avoided
- 10 All liners will be anchored in the bottom of a compacted earth-filled trench at least 18 inches deep
- 11 CBM Partners Corporation will minimize liner seams and orient them up and down, not across a slope. Factory seams will be used whenever possible. CBM Partners Corporation will ensure all field seams are welded by qualified personnel. Field seams will be overlapped four to six inches and will be oriented parallel to the line of maximum slope. CBM Partners Corporation will minimize the number of field seams in corners and irregularly shaped areas
- 12 The liner shall be protected from any fluid force or mechanical damage through the use of mud pit slides, or a manifold system
- 13 The pit shall be protected from run-off by constructing and maintaining diversion ditches around the location or around the perimeter of the pit in some cases
- 14 The volume of the pit shall not exceed 10 acre-feet, including freeboard
- 15 Temporary blow pits will be constructed to allow gravity flow to discharge into the lined drill pit
- 16 The lower half of the blow pit (nearest lined pit) will be lined with the same 20 mil liner. The upper half of the blow pit will remain unlined as allowed in Rule 19 15 17 11 F 11
- 17 CBM Partners Corporation will not allow freestanding liquids to remain on the unlined portion of temporary blow pit

**CBM Partners Corporation  
Smyslov H #1  
Maintenance and Operating Plan**

In accordance with Rule 19 15 17 the following information described the operation and maintenance of temporary pits on CBM Partners Corporation locations. This is CBM Partners Corporation's standard procedure for all temporary pits. A separate plan will be submitted for any temporary pit which does not conform to this plan.

**General Plan**

- 1 CBM Partners Corporation will operate and maintain a temporary pit to contain liquids and solids and prevent contamination of fresh water and protect public health and environment
- 2 CBM Partners Corporation will conserve drilling fluids by transferring liquids to pits ahead of the rigs whenever possible. All other drilling fluids will be disposed at Basin Disposal, Inc. Permit # NM-01-005
- 3 CBM Partners Corporation will not discharge or store any hazardous waste in any temporary pit
- 4 If any pit liner's integrity is compromised or if any penetration of the liner occurs above the liquid's surface, then CBM Partners Corporation shall notify the Santa Fe Division office by phone or email within 48 hours of the discovery and repair the damage or replace the liner
- 5 If a leak develops below the liquid's level, CBM Partners Corporation shall remove all liquids above the damaged liner within 48 hours and repair the damage or replace the liner. CBM Partners Corporation shall notify the Santa Fe Division office by phone or email within 48 hours of the discovery for leaks less than 25 barrels. CBM Partners Corporation shall notify the Santa Fe Division office as required pursuant to Subsection B of 19 15 3 116 NMAC shall be reported within twenty-four (24) hours of discovery of leaks greater than 25 barrels. In addition, immediate verbal notification pursuant to Subsection B, Paragraph (1) and Subparagraph (d) of 19 15 3 116 NMAC shall be reported to the division's Environmental Bureau Chief
- 6 The liner shall be protected from any fluid force or mechanical damage through the use of mud pit slides, or manifold system
- 7 The pit shall be protected from run-off by constructing and maintaining diversion ditches around the location or around the perimeter of the pit in some cases
- 8 CBM Partners Corporation shall immediately remove any visible layer of oil from the surface of temporary pit after cessation of a drilling or workover operation. Oil absorbent booms will be utilized to contain and remove oil from the pit's surface. An oil absorbent boom will be stored on-site until closure of pit
- 9 Only fluids generated during the drilling or workover process may be discharged into a temporary pit
- 10 CBM Partners Corporation will maintain the temporary pit free of miscellaneous solid waste or debris
- 11 During drilling or workover operations, CBM Partners Corporation will inspect the temporary pit at least once daily to ensure compliance with this plan. Inspections will be logged in the IADC reports. CBM Partners Corporation will file this log with the Santa Fe Division office upon closure of the pit
- 12 After drilling or workover operations, CBM Partners Corporation will inspect the temporary pit weekly so long as liquids remain in the temporary pit. A log of the inspections will be stored at CBM Partners Corporation's office electronically and will be filed with the Santa Fe Division office upon closure of the pit
- 13 CBM Partners Corporation shall maintain at least two feet of freeboard for a temporary pit
- 14 CBM Partners Corporation shall remove all free liquids from a temporary pit within 30 days from the date the operator releases the drilling or workover rig
- 15 CBM Partners Corporation shall remove all free liquids from a cavitations pit within 48 hours after completing cavitations. CBM Partners Corporation may request additional time to remove liquids from the Santa Fe Division office if it is not feasible to remove liquids within 48 hours

**CBM Partners Corporation  
Smyslov H #1  
Closure Plan**

In accordance with Rule 19.15.17.12 NMAC the following information describes the closure requirements of temporary pits on CBM Partners Corporation Company's locations. This is CBM Partners Corporation's standard procedure for all temporary pits. A Separate plan will be submitted for any temporary pit which does not conform to this plan.

All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of the pit closure. Closure report will be filed on C-144 and incorporated the following:

- Detail on Capping and Covering, where applicable
- Plot Plan (Pit diagram)
- Inspection reports
- Sampling Results
- C-105
- Copy of Deed Notice will be filed with County Clerk

**General Plan**

- 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 recycle, reuse or reclaim the liquids in a manner that the appropriate division district office approves
- 2 The preferred method of closure for all temporary pits will be on-site burial, assuming that all criteria listed in sub-section (B) of 19.15.17.13 are met
- 3 The surface owner shall be notified of CBM Partners Corporation's proposed closure plan using a means that provides proof of notice i.e., certified mail, return receipt requested
- 4 Within 6 months of the Rig Off status occurring CBM Partners Corporation will ensure that temporary pits are closed, re-contoured, and reseeded
- 5 Notice of Closure will be given to the Santa Fe 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. Location by Unit Letter, Section, Township, and Range. Well name and API Number
- 6 Liner of a 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
- 7 Pit contents shall be mixed with non-waste containing, earthen material in order to achieve the solidification process. 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 a safe and stable. The mixing ratio shall not exceed 3 parts clean soil to 1 part pit contents
- 8 A five point composite sample will be taken of the pit 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 to the Envirotech, Inc. Landfarm (NMOCD Permit #11) or other NMOCD approved facility.

Components	Tests Method	Limit (mg/Kg)
Benzene	EPA SW-846 8021B or 8260B	0.2
BTEX	EPA SW-846 8021B or 8260B	50
TPH	EPA SW-846 418.1	2500
GRO/DRO	EPA SW-846 8015M	500
Chlorides	EPA 300.1	1000

- 9 Upon completion of solidification and testing, the pit area will be backfilled with 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
- 10 Re-contouring of location will match fit, shape, line, form and texture of the surrounding area. Re-shaping will include drainage control, prevent ponding, and prevent erosion. 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 smooth surface, fitting the natural landscape
- 11 Notification will be sent to OCD when the reclaimed area is seeded
- 12 CBM Partners Corporation shall seed the distributed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM or Forest Service stipulated seed mix 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
- 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 onsite burial upon the abandonment of all the wells on the pad. The marker will be a four foot tall riser with the operator's information at the time of all wells on the pad are abandoned. The operator's information will include the following: Operator Name, Lease Name, Well Name and Number, unit Number, Section, Township, Range and an indicator that the marker is an onsite burial location

CLIENT: CBM PARTNERS	<b>BLAGG ENGINEERING, INC.</b> P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	API #: 30-643-21105 TANK ID (if applicable):
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---

**FIELD REPORT:** (circle one): BGT CONFIRMATION / RELEASE INVESTIGATION / OTHER: RESERVE PIT CLOSURE

---

SITE INFORMATION: SITE NAME: SMPLOY H #1 QUAD/UNIT: A SEC: Z1 TWP: 20N RNG: 3W PM: NM CNTY: Sandoz ST: NM 1/4 - 1/4 FOOTAGE: 660 FNL x 660 FEL LEASE TYPE: FEDERAL / STATE / FEE / INDIAN LEASE #: NMMNM 12425 PROD. FORMATION: Mancos CONTRACTOR: R.W. Miller	PAGE #: 1 of 1 DATE STARTED: 6-15-2011 DATE FINISHED: 6-15-2011 ENVIRONMENTAL SPECIALIST(S): JCB
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**REFERENCE POINT:**

WELL HEAD (W.H.) GPS COORD.:	GL ELEV.:
1) RESERVE PIT GPS COORD.: 35.95455 x 107.15100 DISTANCE/BEARING FROM W.H.:	
2) GPS COORD.: DISTANCE/BEARING FROM W.H.:	
3) GPS COORD.: DISTANCE/BEARING FROM W.H.:	
4) GPS COORD.: DISTANCE/BEARING FROM W.H.:	

---

**LAB INFORMATION:**

CHAIN OF CUSTODY RECORD(S) # OR LAB USED:				OVM READING (ppm)
1) SAMPLE ID: S-Pt Composite	SAMPLE DATE: 6/15/2011	SAMPLE TIME: 1020	LAB ANALYSIS: TPH/BTEX/CL-	
2) SAMPLE ID:	SAMPLE DATE:	SAMPLE TIME:	LAB ANALYSIS:	
3) SAMPLE ID:	SAMPLE DATE:	SAMPLE TIME:	LAB ANALYSIS:	
4) SAMPLE ID:	SAMPLE DATE:	SAMPLE TIME:	LAB ANALYSIS:	

---

**SOIL DESCRIPTION:**

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER: SILT

SOIL COLOR: \_\_\_\_\_

COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE  
CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE  
MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED  
SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS.  
DISCOLORATION/STAINING OBSERVED: YES (NO) EXPLANATION:

PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC  
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD  
HC ODOR DETECTED: YES (NO) EXPLANATION:

ANY AREAS DISPLAYING WETNESS: YES (NO) EXPLANATION:

ADDITIONAL COMMENTS: RESERVE PIT Plastic Liner, contents mixed with silty sand. USE BACKHOE to dig into pit & sample.

---

EXCAVATION DIMENSIONS (if applicable): ft. X ft. X ft. cubic yards excavated (if applicable):  
DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >100 NEAREST SURFACE WATER: >200 NMOCD TPH CLOSURE STD: 2500 PPM

---

**SITE SKETCH**

PLOT PLAN circle: attached

OVM CALIB. READ =	ppm	RF = 0.52
OVM CALIB. GAS =	ppm	
TIME: am/pm	DATE:	

---

**MISCELL. NOTES**

BGT Sidewalls Visible: Y / N / NA

Magnetic declination: ° E

---

**NOTES:** BGT = BELOW-GRADE TANK; E.D. = EXCAVATION DEPRESSION; B.G. = BELOW GRADE; B = BELOW; T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM; PBGTL = PREVIOUS BELOW-GRADE TANK LOCATION; SPD = SAMPLE POINT DESIGNATION; R.W. = RETAINING WALL; NA = NOT APPLICABLE OR NOT AVAILABLE; SW - SINGLE WALL; DW - DOUBLE WALL; SB - SINGLE BOTTOM; DB - DOUBLE BOTTOM.

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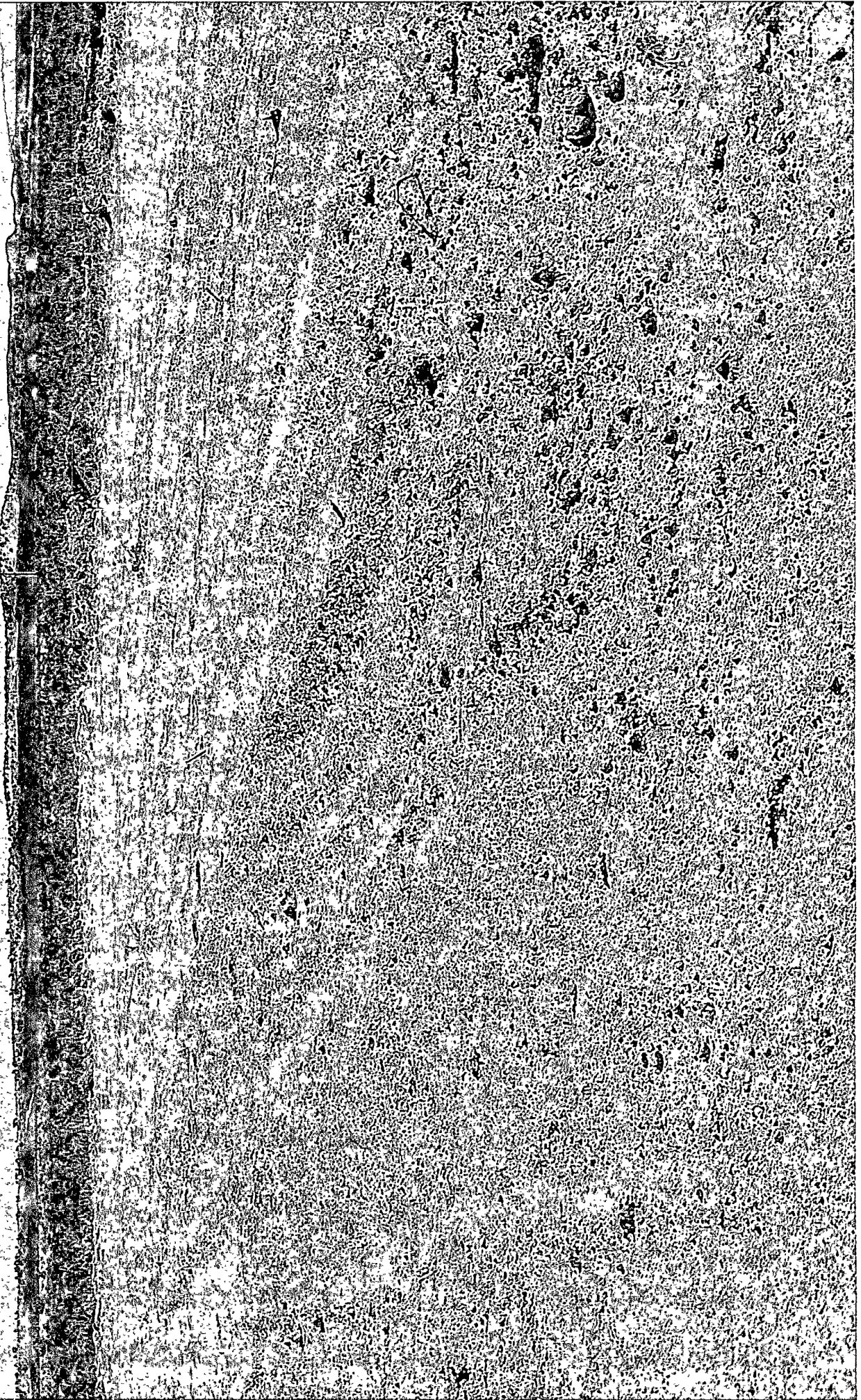
**TRAVEL NOTES:** CALLOUT: ONSITE: 6-15-2011

CBM Partners

Smyslov H #1

Drilling Reserve Pit After Closure

June 15, 2011



# CHAIN OF CUSTODY RECORD

5996

Client: <b>BLAGG/CBM PARTNERS</b>			Project Name / Location: <b>SMYSLOV H #1</b>			ANALYSIS / PARAMETERS																	
Client Address: <b>P.O. Box 87 BLOOMFIELD, NM 87413</b>			Sampler Name: <b>JEFF BLAGG</b>																				
Client Phone No.: <b>505-632-1199</b>			Client No.: <b>94034-0010</b>																				
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl <sub>2</sub> HCl			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	PCl	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact	
RESERVE S-PE COMPOSITE	6/15/11	1020	58530	Soil Solid	Sludge Aqueous	1 x 4 oz				X	X							X	X			Y	Y
				Soil Solid	Sludge Aqueous																		
				Soil Solid	Sludge Aqueous																		
				Soil Solid	Sludge Aqueous																		
				Soil Solid	Sludge Aqueous																		
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				Soil Solid	Sludge Aqueous																		
				Soil Solid	Sludge Aqueous																		
Relinquished by: (Signature) <i>Jeff Blagg</i>				Date 6/16/11	Time 10:38	Received by: (Signature) <i>[Signature]</i>				Date 6/16/11	Time 10:38												
Relinquished by: (Signature)						Received by: (Signature)																	
Relinquished by: (Signature)						Received by: (Signature)																	

**ENVIROTECH INC.**

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





**envirotech**  
Analytical Laboratory

**EPA METHOD 418.1  
TOTAL PETROLEUM HYDROCARBONS**

Client:	Blagg/CBM Partners	Project #:	94034-0011
Sample ID:	Reserve 5-Pt Composite	Date Reported:	06/17/11
Laboratory Number:	58530	Date Sampled:	06/15/11
Chain of Custody No:	5996	Date Received:	06/16/11
Sample Matrix:	Soil	Date Extracted:	06/17/11
Preservative:	Cool	Date Analyzed:	06/17/11
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

Total Petroleum Hydrocarbons	91.7	5.6
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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: Smyslov H #1

  
\_\_\_\_\_  
Analyst

  
\_\_\_\_\_  
Review

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

Client:	Blagg/CBM Partners	Project #:	94034-0011
Sample ID:	Reserve 5-PT Composite	Date Reported:	06-16-11
Laboratory Number:	58530	Sampled:	06-15-11
Chain of Custody No:	5996	Date Received:	06-16-11
Sample Matrix:	Soil	Date Extracted:	06-15-11
Preservative:	Cool	Date Analyzed:	06-16-11
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: **SMYSLOV H #1**

  
\_\_\_\_\_  
Analyst  
\_\_\_\_\_  
Review



# envirotech

Analytical Laboratory

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg/CBM Partners	Project #:	94034-0011
Sample ID:	Reserve 5-Pt Composite	Date Reported:	06-17-11
Laboratory Number:	58530	Date Sampled:	06-15-11
Chain of Custody:	5996	Date Received:	06-16-11
Sample Matrix:	Soil	Date Analyzed:	06-16-11
Preservative:	Cool	Date Extracted:	06-16-11
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	ND	1.0
Ethylbenzene	ND	1.0
p,m-Xylene	6.7	1.2
o-Xylene	1.8	0.9
Total BTEX	8.5	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	90.2 %
	1,4-difluorobenzene	99.2 %
	Bromochlorobenzene	90.6 %

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: Smyslov H #1

  
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Analyst

  
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Review



**envirotech**  
Analytical Laboratory

## Chloride

Client:	Blagg/CBM Partners	Project #:	94034-0011
Sample ID:	Reserve 5-Pt Composite	Date Reported:	06/17/11
Lab ID#:	58530	Date Sampled:	06/15/11
Sample Matrix:	Soil	Date Received:	06/16/11
Preservative:	Cool	Date Analyzed:	06/17/11
Condition:	Intact	Chain of Custody:	5996

Parameter	Concentration (mg/Kg)
-----------	-----------------------

**Total Chloride**

**70**

**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:**

**Smyslov H #1**

  
\_\_\_\_\_  
Analyst

  
\_\_\_\_\_  
Review



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

**Quality Assurance Report**

Client:	QA/QC	Project #:	N/A
Sample ID:	06-16-11 QA/QC	Date Reported:	06-20-11
Laboratory Number:	58522	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-16-11
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	06/16/11	1.006E+03	1.007E+03	0.04%	0 - 15%
Diesel Range C10 - C28	06/16/11	9.996E+02	1.000E+03	0.04%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	11.8	0.2
Diesel Range C10 - C28	1.0	0.1

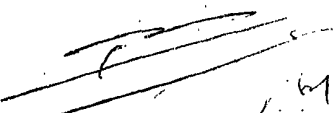
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Range
Gasoline Range C5 - C10	11.5	9.91	13.8%	0 - 30%
Diesel Range C10 - C28	19.1	20.6	7.90%	0 - 30%

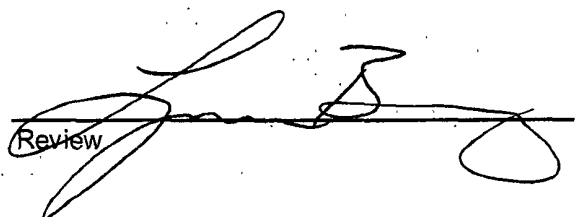
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	11.5	250	266	102%	75 - 125%
Diesel Range C10 - C28	19.1	250	277	103%	75 - 125%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for Samples 58522-58528, 58530, 58532, 58535-58540

  
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Analyst

  
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Review



# envirotech

Analytical Laboratory

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	0616BBLK QA/QC	Date Reported:	06-17-11
Laboratory Number:	58522	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-16-11
Condition:	N/A	Analysis:	BTEX
		Dilution:	10

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range 0 - 15%			
Benzene	3.5272E+006	3.5342E+006	0.2%	ND	0.1
Toluene	3.5677E+006	3.5748E+006	0.2%	ND	0.1
Ethylbenzene	3.1002E+006	3.1064E+006	0.2%	ND	0.1
p,m-Xylene	8.2455E+006	8.2621E+006	0.2%	ND	0.1
o-Xylene	2.8474E+006	2.8531E+006	0.2%	ND	0.1

Duplicate Conc: (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	7.5	6.8	9.3%	0 - 30%	0.9
Toluene	53.9	51.9	3.7%	0 - 30%	1.0
Ethylbenzene	19.3	20.3	5.2%	0 - 30%	1.0
p,m-Xylene	92.8	116	25.3%	0 - 30%	1.2
o-Xylene	29.6	31.0	4.7%	0 - 30%	0.9

Spike Conc: (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	7.5	500	444	87.5%	39 - 150
Toluene	53.9	500	503	90.8%	46 - 148
Ethylbenzene	19.3	500	498	95.9%	32 - 160
p,m-Xylene	92.8	1000	995	91.0%	46 - 148
o-Xylene	29.6	500	506	95.6%	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 58522-58523, 58529-58530, 58532

Analyst

Review



**envirotech**  
Analytical Laboratory

**EPA METHOD 418.1  
TOTAL PETROLEUM HYDROCARBONS  
QUALITY ASSURANCE REPORT**

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	06/17/11
Laboratory Number:	06-17-TPH.QA/QC 58532	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	06/17/11
Preservative:	N/A	Date Extracted:	06/17/11
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
	06/14/11	06/17/11	1,760	1,670	5.1%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	5.6

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
TPH	832	804	3.4%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	832	2,000	2,330	82.3%	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 58530

  
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Analyst

  
\_\_\_\_\_  
Review

**Paul C Sikora II**

---

**From:** mgbarnes@blm.gov  
**Sent:** Monday, June 27, 2011 12:22 PM  
**To:** p.sikora@cbmpartners.com  
**Subject:** Well SMYSLOV H 1  
**Attachments:** EC110916.pdf

The sundry for Reclamation you submitted has been approved by the BLM. Your original EC transmission was assigned ID 110916. Please be sure to open and save all attachments to this message, since they contain important information.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires July 31, 2010**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.**5 Lease Serial No  
NMNM124215

6 If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

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

1 Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8 Well Name and No  
SMYSLOV H 1

2 Name of Operator

CBM PARTNERS CORPORATION

Contact PAUL C SIKORA II

E-Mail p.sikora@cbmpartners.com

9 API Well No

30-043-21105-00-S1

3a Address

FLORA VISTA, NM 87415

3b Phone No. (include area code)

Ph 505-333-2500

10 Field and Pool, or Exploratory  
RIO PUERCO

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

Sec 21 T20N R3W NENE 660FNL 660FEL  
35 954550 N Lat, 107 151000 W Lon

11 County or Parish, and State

SANDOVAL COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input checked="" 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 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.)

CBM Partners Corporation closed the reserve drilling pit at the Smyslov H #1 on Monday, March 28, 2011 in accordance with the guidelines for closures as recommended by the BLM. The closure was witnessed by BLM Officer Melanie Barnes on this date. The liner was cut at the mudline, the pit contents were dry and the pit was filled and covered. The pit dimensions were 72' x 111' and average depth was 4'. The center of the pit is located approximately 100' northeast of the wellhead on location. Interim-Reclamation and re-seeding will commence in late June.

14 I hereby certify that the foregoing is true and correct

**Electronic Submission #110916 verified by the BLM Well Information System****For CBM PARTNERS CORPORATION, sent to the Rio Puerco****Committed to AFMSS for processing by MELANIE BARNES on 06/27/2011 (11MGB0004SE)**

Name (Printed/Typed) PAUL C SIKORA II

Title VICE-PRESIDENT

Signature (Electronic Submission)

Date 06/20/2011

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By MELANIE BARNES

Title SURFACE SPECIALIST

Date 06/27/2011

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 Rio Puerco

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

## Revisions to Operator-Submitted EC Data for Sundry Notice #110916

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type	OTHER SR	RECL SR
Lease	NMNM124215	NMNM124215
Agreement		
Operator	CBM PARTNERS CORPORATION P O BOX 27 FLORA VISTA, NM 87415 Ph 505-333-2500	CBM PARTNERS CORPORATION  FLORA VISTA, NM 87415 Ph 505 333 2500
Admin Contact	PAUL C SIKORA II VICE-PRESIDENT E-Mail p sikora@cbmpartners.com  Ph 505-333-2500	PAUL C SIKORA II VICE-PRESIDENT E-Mail p sikora@cbmpartners.com  Ph 505-333-2500
Tech Contact	PAUL C SIKORA II VICE-PRESIDENT E-Mail p sikora@cbmpartners.com  Ph 505-333-2500	PAUL C SIKORA II VICE-PRESIDENT E-Mail p sikora@cbmpartners.com  Ph 505-333-2500
Location		
State	NM	NM
County	SANDOVAL	SANDOVAL
Field/Pool	RIO PUERCO MANCOS	RIO PUERCO
Well/Facility	SMYSLOV H 1 Sec 21 T20N R3W Mer NMP NENE 660FNL 660FEL	SMYSLOV H 1 Sec 21 T20N R3W NENE 660FNL 660FEL 35 954550 N Lat, 107 151000 W Lon

Submit To Appropriate District Office Two Copies District I 1625 N French Dr., Hobbs, NM 88240 District II 811 S First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S St Francis Dr., Santa Fe, NM 87505	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>	<b>Form C-105</b> Revised August 1, 2011								
		1. WELL API NO. <div style="font-size: 1.2em; font-family: cursive;">30-043-21105</div>								
		2. Type of Lease <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN								
		3. State Oil & Gas Lease No								
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>										
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 <div style="font-size: 1.2em; font-family: cursive;">Smyslov H #1</div>								
		6. Well Number <div style="font-size: 1.2em; font-family: cursive;">#1</div>								
7. Type of Completion <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input checked="" type="checkbox"/> OTHER		<div style="font-size: 1.2em; font-family: cursive;">Pit Closure</div>								
8. Name of Operator <div style="font-size: 1.2em; font-family: cursive;">CBM PARTNERS CORPORATION</div>		9. OGRID <div style="font-size: 1.2em; font-family: cursive;">271017</div>								
10. Address of Operator <div style="font-size: 1.2em; font-family: cursive;">PO Box 27, FLORA VISTA, NM 87415</div>		11. Pool name or Wildcat <div style="font-size: 1.2em; font-family: cursive;">RIO PUERTO MANCOS</div>								
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	<div style="font-size: 1.2em; font-family: cursive;">A</div>	<div style="font-size: 1.2em; font-family: cursive;">21</div>	<div style="font-size: 1.2em; font-family: cursive;">20N</div>	<div style="font-size: 1.2em; font-family: cursive;">3W</div>		<div style="font-size: 1.2em; font-family: cursive;">660</div>	<div style="font-size: 1.2em; font-family: cursive;">N</div>	<div style="font-size: 1.2em; font-family: cursive;">660</div>	<div style="font-size: 1.2em; font-family: cursive;">E</div>	<div style="font-size: 1.2em; font-family: cursive;">SANDVAL</div>
BH:										
13. Date Spudded	14. Date T D Reached	15. Date Rig Released <div style="font-size: 1.2em; font-family: cursive;">2/22/2011</div>		16. Date Completed (Ready to Produce)		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										
<b>23 CASING RECORD (Report all strings set in well)</b>										
CASING SIZE		WEIGHT LB /FT		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
RCVD JAN 20 '12 OIL CONS. DIV. DIST. 3										
<b>24. LINER RECORD</b>										
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			
<b>28 PRODUCTION</b>										
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 <div style="font-size: 1.2em; font-family: cursive;">35.95455N</div> Longitude <div style="font-size: 1.2em; font-family: cursive;">107.15100W</div> NAD 1927 1983										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature			Printed Name <div style="font-size: 1.2em; font-family: cursive;">PAUL SIKORA</div>			Title <div style="font-size: 1.2em; font-family: cursive;">VP</div>		Date <div style="font-size: 1.2em; font-family: cursive;">1-3-12</div>		
E-mail Address			<div style="font-size: 1.2em; font-family: cursive;">p.sikora@cbmpartners.com</div>							

CBM Partners Corporation

Smyslov H#1 Closure Plan on Drill Pit

General Plan & Closure Notes:

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 recycle, reuse, or reclaim the liquids in a manner that the appropriate division district office approves.

**CBMP NOTES:** Free standing liquids were removed at the start of the pit closure process as follows: Produced water was removed by vacuum truck and taken to Agua-Mas Disposal and also to D&D Disposal. No other contents from the pit were disposed of.

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

**CBMP NOTES:** CBMP used the preferred method of closure for and on-site burial. All criteria was met.

3. The surface owner shall be notified of CBM Partners Corporation's proposed closure plan using a means that provides proof of notice i.e., certified mail, return receipt requested.

**CBMP NOTES:** The surface owner of this well-site is the BLM. All proper notification was sent via email with delivery receipt to Melanie Barnes, Surface Protection Specialist, BLM RPF0. The notice of sundry was approved on 2-22-11 and notice of closure was given on 3-14-11 via email to the BLM. The OCD was contacted by phone to Brandon Powell on the same date. Closure date was set for March 28, 2011. Deadline for closure was 03-31-2011.

4. Within 6 months of the Rig Off status occurring CBM Partners Corporation will ensure that temporary pits are closed, re-contoured, and reseeded.

**CBMP NOTES:** The Rig Off status was effective 02-22-2011. The temporary drill pit on the location was closed 03-28-2011. Seeding is set to be completed by 06-20-2012. Seeding is required to be completed by the end after the first growth season after closure.

5. Notice of Closure will be given to the Santa Fe Division office between 72 hours and one week of closure via email, or verbally, The notification of the

closure will include the following: i. Operator's name. ii. Location by Unit Letter, Section, Township, and Range. Well name and API Number.

**CBMP NOTES: Notice of the Closure was given by phone verbally to this division on 3-14-2011.**

6. Liner of a 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.

**CBMP NOTES: All guidelines including the liner, mud level, removal, cutting of the liner and remaining liner were followed in accordance with BLM guidelines and the OCD Closure Plan on 03-28-2011. Melanie Barnes of the BLM and another BLM officer were onsite and witness the closure of this temporary pit and the contouring. Excessive liner was disposed of at the San Juan County Landfill.**

7. Pit contents shall be mixed with non-waste containing, earthen material in order to achieve the solidification process. 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 safe and stable. The mixing ratio shall not exceed 3 parts clean soil to 1 part pit contents.

**CBMP NOTES: The remaining pit contents were mixed with non-waste containing, earthen material in order to achieve the solidification process. This process of mixing was witnessed by all present including BLM Officers on site. This mixing ratio used did not exceed 3 parts clean soil to 1 part pit contents. This process occurred on 3-28-11.**

8. A five point composite sample will be taken of the pit 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, Dig and haul to an NMOCD approved facility.

**CBMP NOTES: A five point composite sample was taken from the pit using all sampling tools and tests by a third party, Blagg Engineering, Inc, and testing analysis was also done by a third party, Envirotech Inc. Results of all of the above can be found in the attached C-144 as well as in the chart below:**

Components	Tests Method	Limit	Actual Result
Benzene	EPA SW -846 8021B or 8260B	0.2	ND
BTEX	EPA SW-846 802B or 8260B	50	0.0085
TPH	EPA SW-846 418.1	2500	91.7
GRO/DRO	EAP-SW 846 8015M	500	ND
Chlorides	EAP 300.1	1000	70

9. Upon completion of solidification and testing, the pit area will be backfilled with 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.

**CBMP NOTES:** The pit area was backfilled and compacted following the guidelines given and a minimum of four feet of cover was achieved and the cover will include one foot of suitable material to establish vegetation at the site upon reseeding. Completed on 03-28-2011

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

**CBMP NOTES:** Re-contouring of the location was completed to match fit, shape, line, form and texture of the surrounding areas. All reshaping and natural drainages were completed as per the guidelines. Final re-contouring was also completed.

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

**CBMP NOTES:** Notification of reseeding will take place as soon as the extension approval for reseeding has been approved. Reseeding is expected to take place on or before April 30, 2012. Both agencies, the BLM and OCD will be notified via email.

12. CBM Partners Corporation shall seed the distributed areas in the first growing season after the operator closes the pit. Seeding will

be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM or Forest Service stipulated seed mixed 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 thorough two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs.

**CBMP NOTES:** Re-Seeding to take place in the Month of March 2012. Upon completion a follow-up notice by email or otherwise will be sent to both agencies about the re-seeding efforts will be sent. Re-seeding is required as above to take place on the distributed areas from the first growing season after the operator closes the pit. The pit was closed March 28, 2011. Therefore, in this case, the re-seeding shall occur by the end of Spring 2012 and before summer begins on June 20, 2012.

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 onsite burial upon the abandonment of all the wells on the pad. The marker will be a four foot tall riser with the operator's information at the time of all wells on the pad are abandoned. The operator's information will include the following: Operator Name, Lease Name, Well Name and Number, Unit Number, Section, Township, Range and an indicator that the marker is an onsite burial location.

**CBMP NOTES:** The temporary pit was placed with a steel marker, no less than four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial as per the guidelines in step 13 of this closure plan on Jan 13, 2012. See attached photos.

This paper was prepared by Paul C. Sikora II, Vice President CBMP

If you have any questions, please contact 505-333-2500

**CBM PARTNERS CORPORATION**

**SMYSLOV H #1**

**NM-124215 API #30-043-21105**

**NE/4 NE/4, UNIT A**

**SEC. 21, T20N, R3W**

**LAT. 35°57' 16.3794" LONG. 107°9' 3.5994"**

**SANDOVAL COUNTY, NM**



