

District I
625 N French Dr, Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
000 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 CLEZ
July 21, 2008

For closed-loop systems that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, submit to the appropriate NMOCD District Office.

Closed-Loop System Permit or Closure Plan Application

(that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

Type of action: ☐ Permit ☒ Closure

Instructions: Please submit one application (Form C-144 CLEZ) per individual closed-loop system request. For any application request other than for a closed-loop system that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, please submit a Form C-144.

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.

Operator: **BOPCO, L.P.**

OGRID #: **001801**

Address: **P.O. Box 2760, Midland, TX 79702**

Facility or well name: **Big Eddy Unit # 160**

API Number: **30-015-36289**

OCD Permit Number:

208122

U/L or Qtr/Qtr **NENW**

Section 10

Township 22S

Range 28E

County: **Eddy**

Center of Proposed Design: **Latitude N 32.411633**

Longitude W 104.078114

NAD: ☐ 1927 ☐ 1983

Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

☒ **Closed-loop System:** Subsection H of 19.15.17.11 NMAC

Operation: ☒ Drilling a new well ☐ Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) ☐ P&A

☐ Above Ground Steel Tanks or ☒ Haul-off Bins

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

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.

☐ 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 Box 5) - 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: _____

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



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: _____

OCD Approval: ☐ Permit Application (including closure plan) ☒ Closure Plan (only)

OCD Representative Signature: _____

Jacquie Reeves

Approval Date: _____

9/23/09

Title: _____

Geologist

OCD Permit Number: _____

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: *12/23/08*

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: **Controlled Recovery, Inc**

Disposal Facility Permit Number: **R-9166**

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

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): **Annette Childers**

Title: **Regulatory Clerk**

Signature: _____

Annette Childers

Date: _____

4-8-09

e-mail address: **machilders@basspet.com**

Telephone: **(432) 683-2277**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

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

2. Name of Operator **BOPCO, L.P.**

3a. Address
P.O. BOX 2760 Midland, TX 79702

3b. Phone No. (include area code)
432-683-2277

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NENW 1140' FNL, 1830' FWL, 32.411633 N LAT, 104.078114 W LON

5. Lease Serial No.

NMLC 069140

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Big Eddy Unit #160

9. API Well No.

30-015-36289

10. Field and Pool, or Exploratory Area

Indian Flats; Morrow SW

11. County or Parish, State

SEC 10, T22S, R28E, MER NMP

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 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.)

See attached Closed-Loop Equipment Pad (Shaded Area) and topographical map of caliche dispersal for site reclamation. Reseeding and topsoil replacement will commence during the spring growing season, using seed mixture #3.

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

Annette Childers

Title **Regulatory Clerk**

Signature

Annette Childers

Date

4-8-04

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

Date

Office

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)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
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.
NMLC 067186

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
BOPCO, L.P.

8. Well Name and No.
Big Eddy Unit #160

9. API Well No.
30-015-36289

3a. Address

P.O. Box 2760, Midland Texas 79702

3b. Phone No. (include area code)

432-683-2277

10. Field and Pool or Exploratory Area
Indian Flats; Morrow SW

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

NENW 1140' FNL, 1830' FWL, 32.411633 N LAT, 104.078114 W LON

11. Country or Parish, State
EDDY COUNTY, NM

12. CHECK THE 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 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

To fulfill the requirements for interim reclamation, interim reseeding has occurred. 1.57 acres were broadcast with 15 bags of Hydrogel, which is equivalent to 57 pounds of #3 seed, on July 27, 2009.

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

Annette Childers

Title Regulatory Clerk

Signature

Annette Childers

Date

8-13-09

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

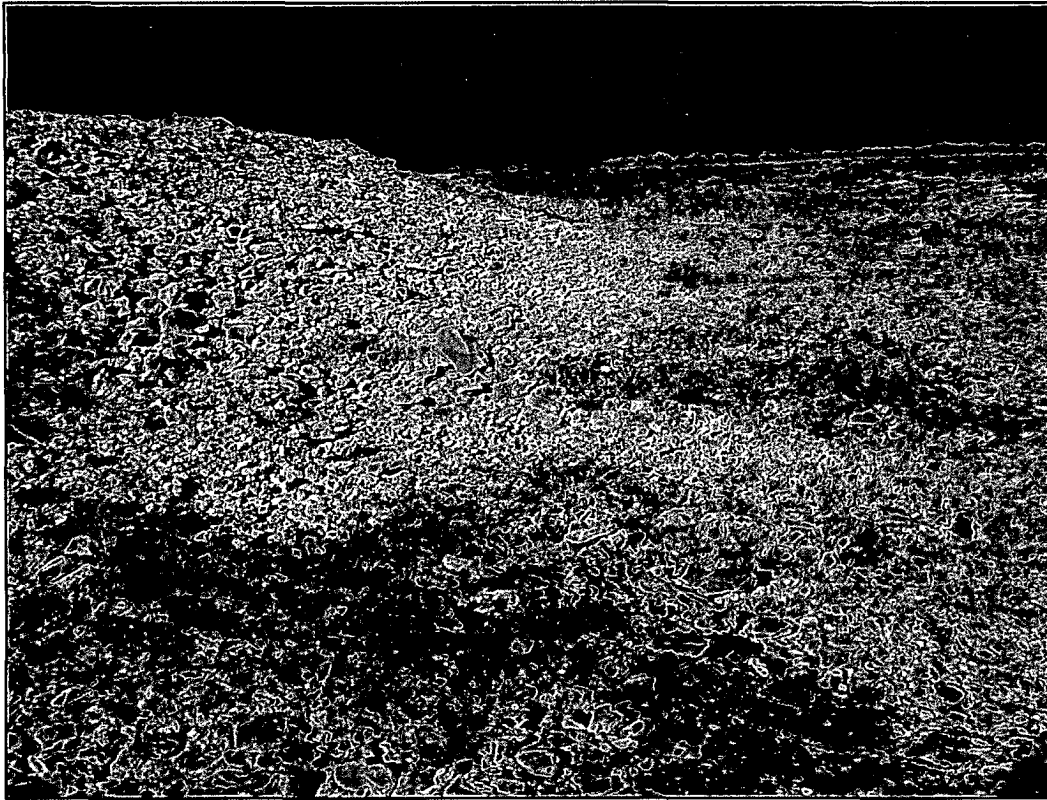
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

BOPCO, L.P. – Big Eddy Unit #160
Interim Site Reclamation of Closed Loop Pad
Site Photographs taken December 12, 2008
(p. 1 of 3)



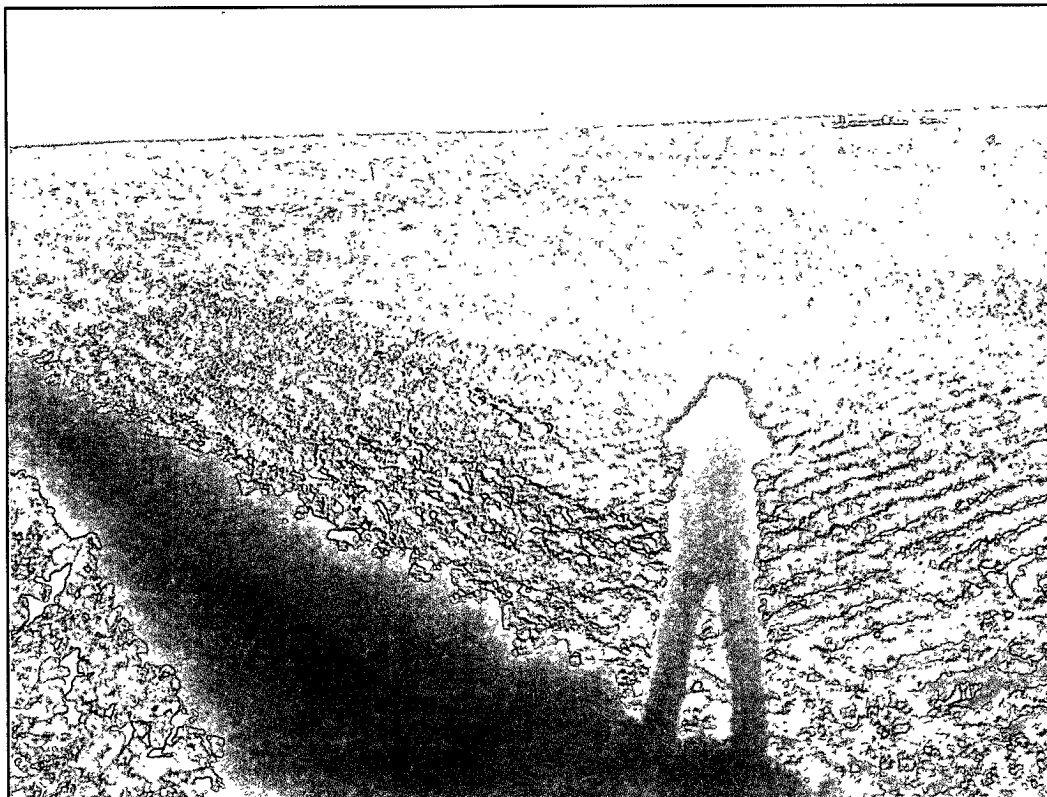
BOPCO, L.P. – Big Eddy Unit #160
Interim Site Reclamation of Closed Loop Pad
Site Photographs taken December 12, 2008
(p. 2 of 3)



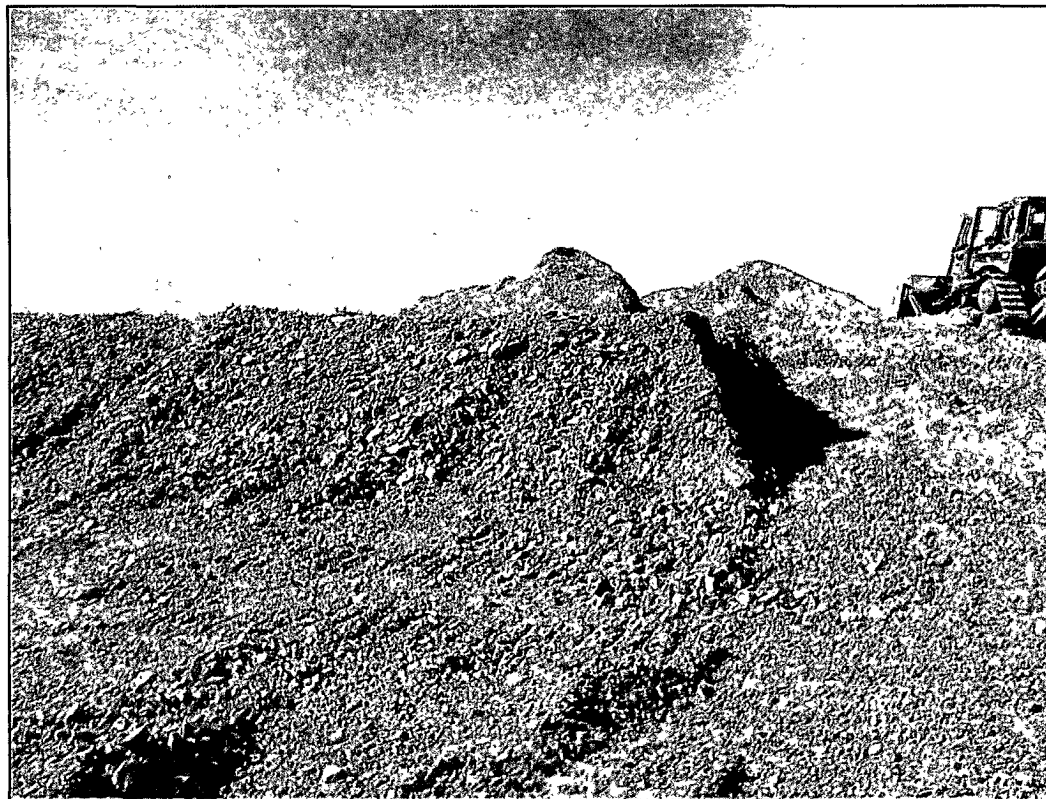
BOPCO, L.P. – Big Eddy Unit #160
Interim Site Reclamation of Closed Loop Pad
Site Photographs taken December 12, 2008
(p. 3 of 3)



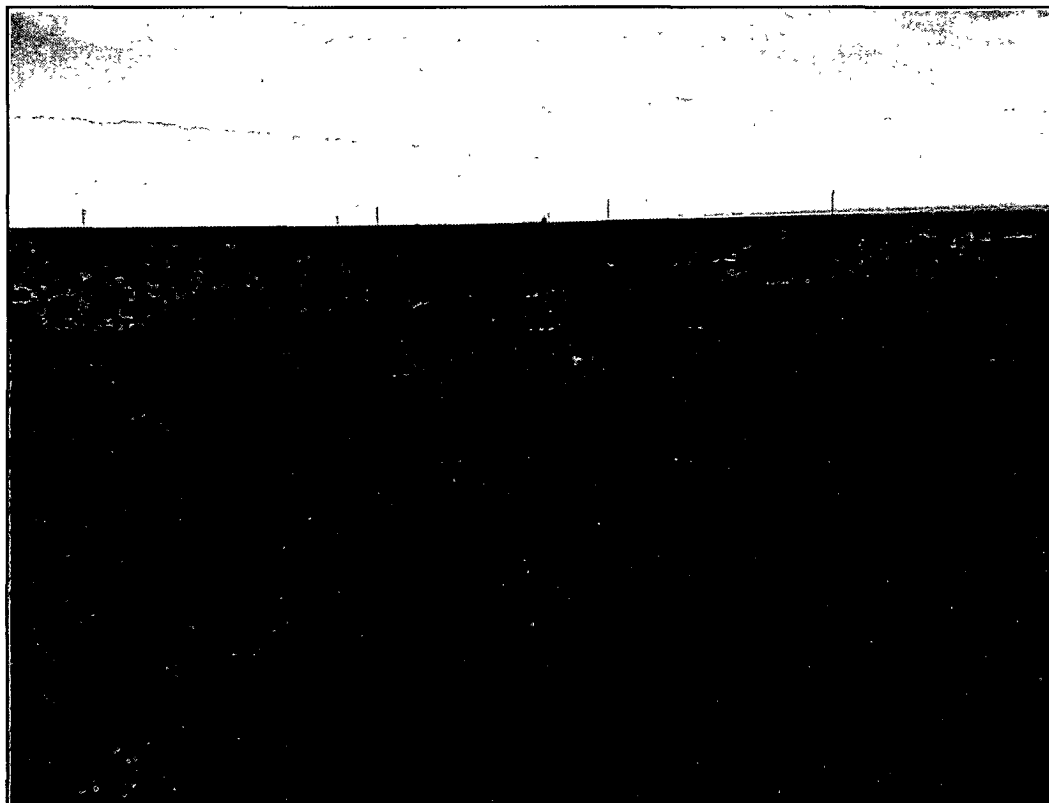
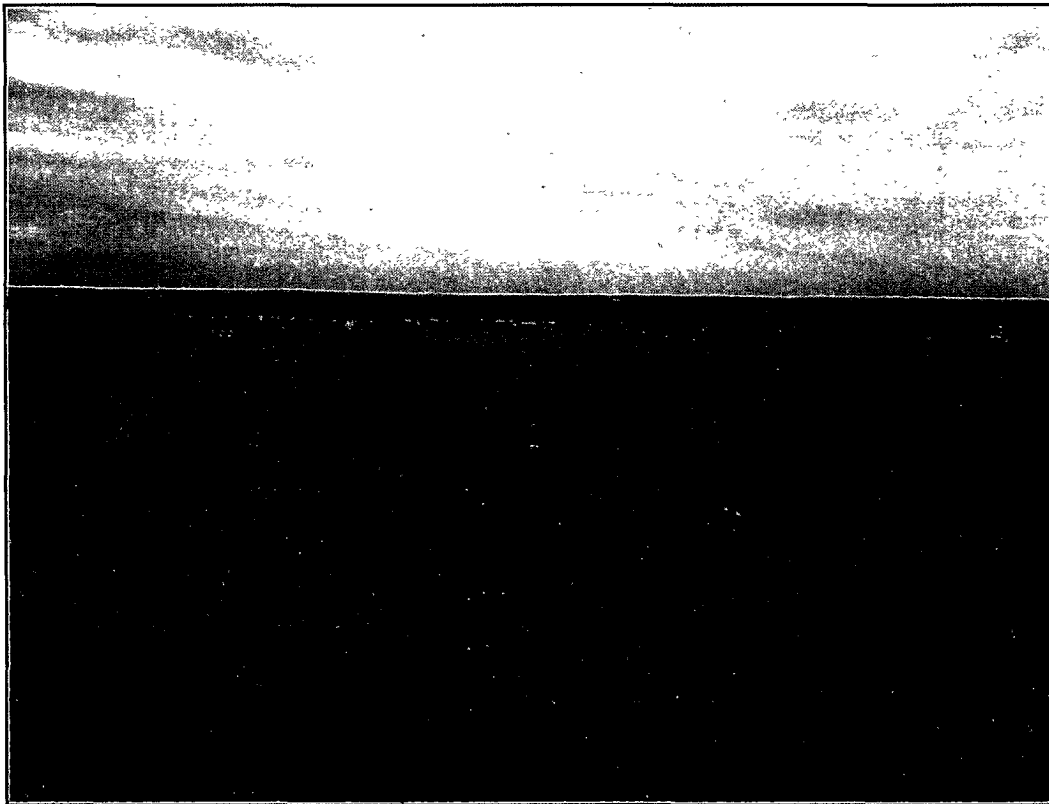
BOPCO, L.P. – Big Eddy Unit #160
Interim Site Reclamation of Closed Loop Pad
Site Photographs taken December 16, 2008
(p. 1 of 2)



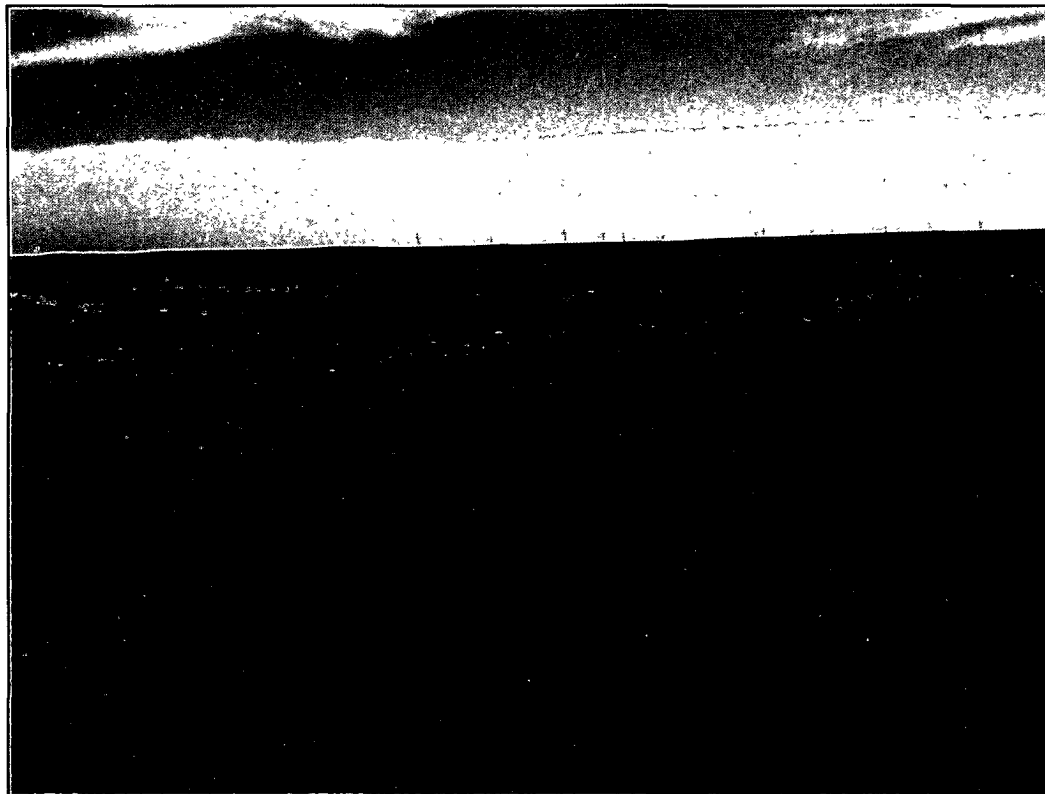
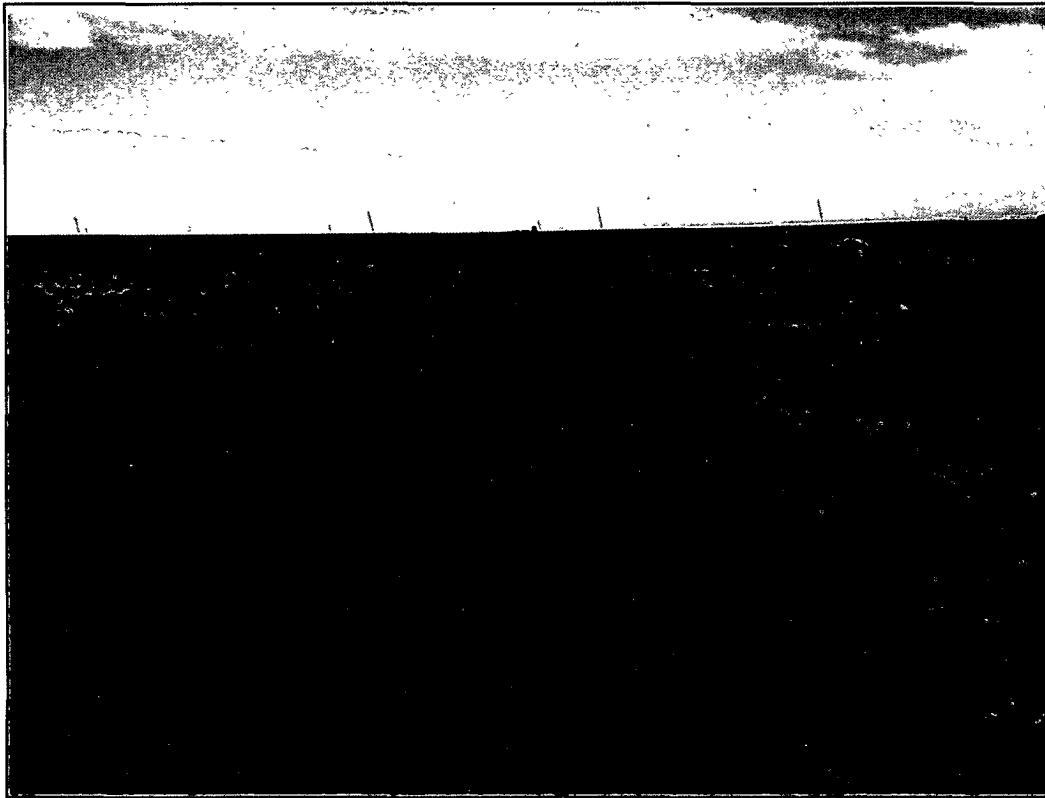
BOPCO, L.P. – Big Eddy Unit #160
Interim Site Reclamation of Closed Loop Pad
Site Photographs taken December 16, 2008
(p. 2 of 2)



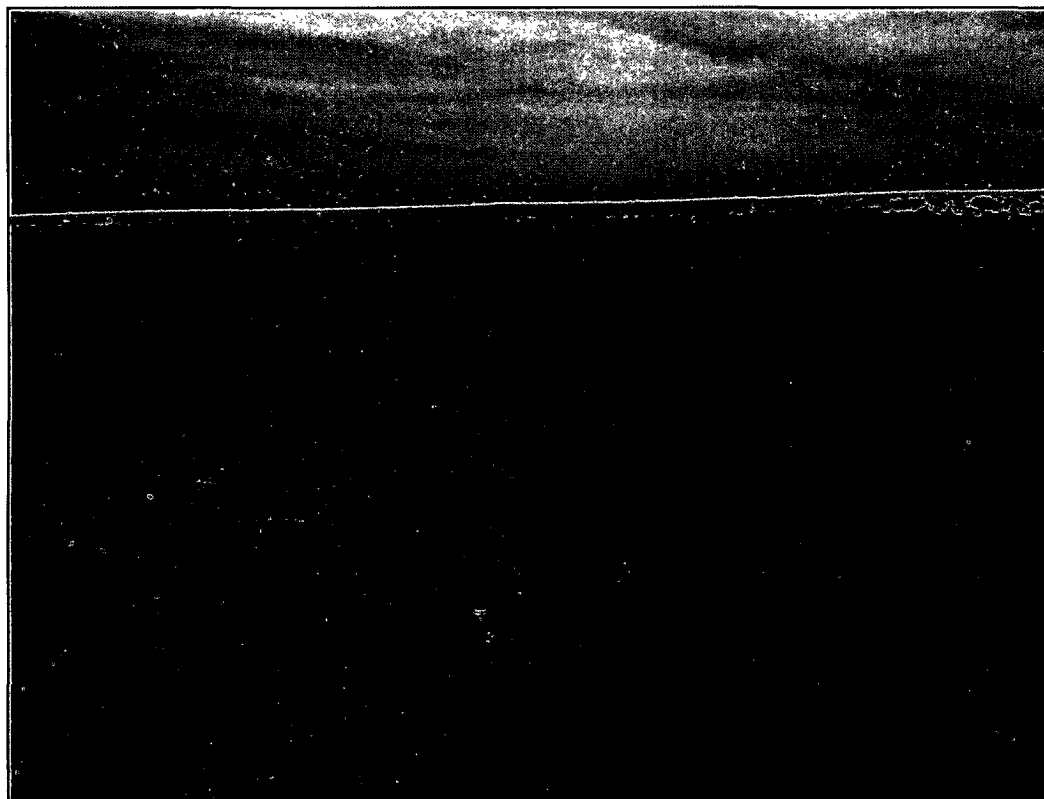
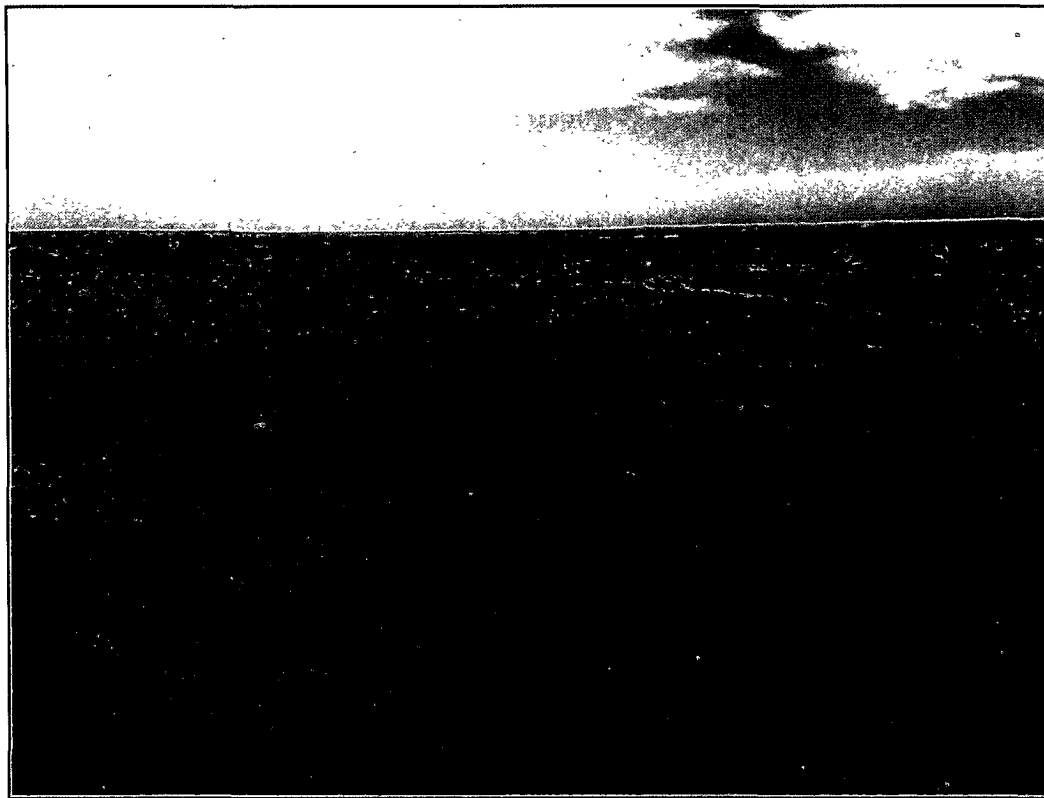
BOPCO, L.P. – Big Eddy Unit #160
Interim Site Reclamation of Closed Loop Pad
Site Photographs taken December 23, 2008
(p. 1 of 5)



BOPCO, L.P. – Big Eddy Unit #160
Interim Site Reclamation of Closed Loop Pad
Site Photographs taken December 23, 2008
(p. 2 of 5)



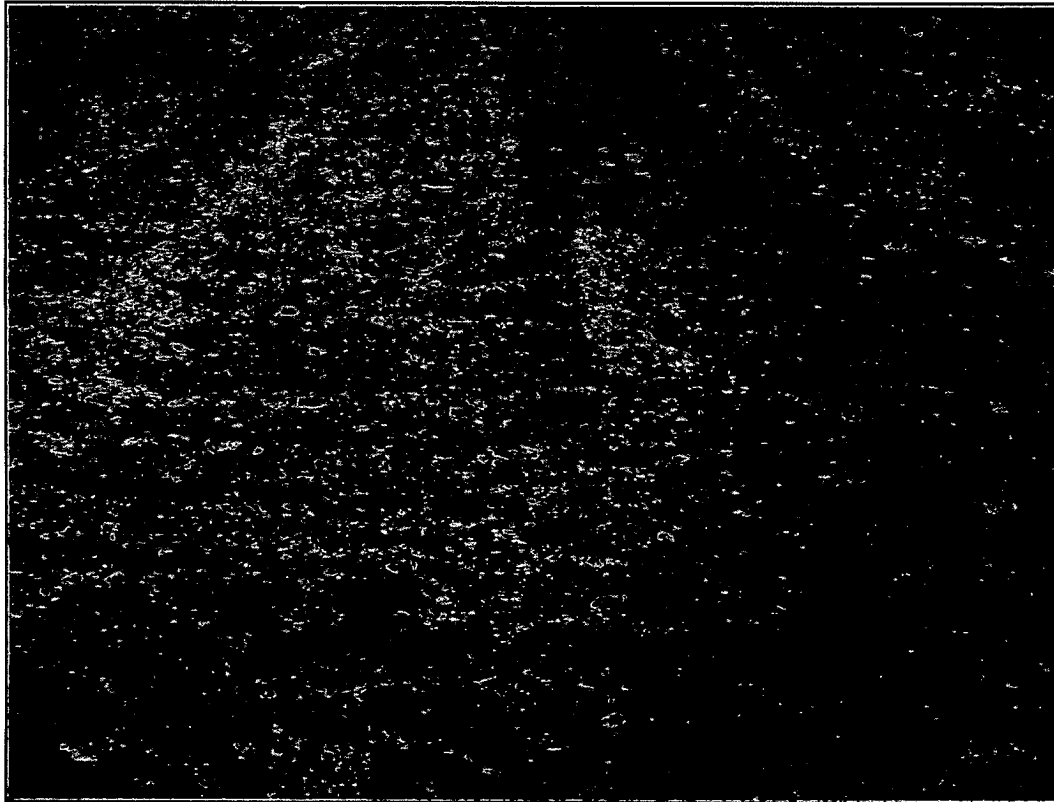
BOPCO, L.P. – Big Eddy Unit #160
Interim Site Reclamation of Closed Loop Pad
Site Photographs taken December 23, 2008
(p. 3 of 5)



BOPCO, L.P. – Big Eddy Unit #160
Interim Site Reclamation of Closed Loop Pad
Site Photographs taken December 23, 2008
(p. 4 of 5)



BOPCO, L.P. – Big Eddy Unit #160
Interim Site Reclamation of Closed Loop Pad
Site Photographs taken December 23, 2008
(p. 5 of 5)





SPORT ENVIRONMENTAL SERVICES, PLLC

502 N. Big Spring Street, Midland, Texas 79701

Business: 432.683.1100 Fax: 888.500.0622

September 9, 2009

Ms. Jacqui Reever
~~Mr. Mike Bratcher~~

State of New Mexico
Oil Conservation Division
1301 W. Grand
Artesia, NM 88210

Re: **NMOCD Closed-Loop System Closure & BLM Interim Site Reclamation**
BOPCO, L.P., Big Eddy Unit #160
Section 10, T-22-S, R-28-E
Eddy County, New Mexico

Ms. Reever
Dear ~~Mr. Bratcher~~:

On behalf of BOPCO, L.P., Sport Environmental Services is providing the enclosed "Closed-Loop System Closure Plan & Interim Site Reclamation" report for BOPCO, L.P.'s Big Eddy Unit #160 location.

In an effort to reclaim all areas associated with the closed-loop system, interim site reclamation consisted of reducing the "footprint", removing visual signs of contaminated soil and restoring the impacted area with reclaimed caliche. Additional reclaimed caliche was used for improving the lease roads. Attached, please find the Procedures for Closed-Loop Site Closure (Field Copy). Eighty-four cubic yards of visually impacted soil was excavated and disposed of off site at the NMOCD permitted and approved facility, Controlled Recovery Inc. (Permit #R-9166).

A soil cover design consisting of the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater has been provided. The soil cover was constructed to mimic the surrounding topography and prevent ponding of water and erosion of the cover material. The site was reclaimed to a natural condition that blends with the surrounding topography. To minimize the site footprint, disturbed areas were re-vegetated with native species. On July 27, 2009 the equivalent of 57 pounds of BLM seed mixture #3 for shallow sites was broadcast across 1.57 acres. Since the seed was broadcast (versus drilling), the recommended pounds per acre was doubled. Hydrogel was used as a carrier for the seed to retain moisture, which will improve seed germination. These plants will control erosion, invasive non-native plants and noxious weeds.

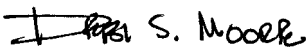
As required by NMAC 19.15.17.13(I)(2), successful reclamation is considered to be 70% re-growth of the native perennial vegetative cover (un-impacted by overgrazing, fire or other intrusion damaging to native vegetation) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. During the two growing seasons, that prove viability, there will be no artificial irrigation of the vegetation. Repeat seeding or planting will occur, until required vegetation coverage is successfully achieved. Evaluation of

growth will not be made before completion of at least one full growing season after seeding. Photographs of existing vegetation were taken prior to constructing the drilling pit location, as a tool to confirm re-growth of 70% native vegetative coverage.

Enclosed please find documentation demonstrating that the checklist requirements set forth with the Closure Report Regarding Waste Removal Closure for Closed-loop Systems That Utilize Haul-off Bins Form C-144 CLEZ, Box 9, have been met. The closure report consists of the disposal facility name and permit number, site reclamation including photo documentation, soil backfilling and cover design specifications and re-vegetation plan.

If you have any questions or comments with regard to this matter, please contact me at my office (432.683.1100) or on my cell (432.553.8555). I would be more than happy to review this closure report with you.

Sincerely,

A handwritten signature in black ink, appearing to read "Debi S. Moore".

Debi Sport Moore, M.E., R.E.P.A.
President

Enclosures: NMOCD Closed-Loop System Closure Report & BLM Interim Site Reclamation Report

Cc: Mr. William R. Dannels
C.K. "Buddy" Jenkins
BOPCO, L.P.
dba Bass Enterprises Production Co.
P.O. Box 2760
Midland, TX 79702