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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
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
June 24, 2008

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

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

Type of action: ☐ Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method
☒ Closure of a 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.

Operator: CAZA OPERATING, LLC OGRID #:
Address: 200 N. LORRAINE, ST., SUITE 1550, MIDLAND, TX 79701
Facility or well name: MUD SLIDE SLIM "15" FEDERAL COM #1
API Number: 30-025-38469 OCD Permit Number: NM 99048 P1-00224
U/L or Qtr/Qtr F Section 15 Township 20S Range 34E County: LEA
Center of Proposed Design: Latitude N 32.574818 Longitude W 103.549746 NAD: ☒1927 ☐ 1983
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

☒ **Pit:** Subsection F or G of 19.15.17.11 NMAC
Temporary: ☒ Drilling ☐ Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ Steel Pit
☒ Lined ☐ Unlined
Liner type: Thickness 20 mil ☒ LLDPE ☐ HDPE ☐ PVC
☐ Other ☒ String-Reinforced
Seams: ☒ Welded ☐ Factory ☐ Other
Volume: 5000 bbl Dimensions: L 150' x W 150' x D 20'

☐ **Closed-loop System:** Subsection H of 19.15.17.11 NMAC
☐ Drying Pad ☐ Tanks ☐ Haul-off Bins ☐ Other
☐ Lined ☐ Unlined
Liner type: Thickness mil ☐ LLDPE ☐ HDPE ☐ PVC
☐ Other
Seams: ☐ Welded ☐ Factory ☐ Other
Volume: bbl yd³
Dimensions: Length x Width

☐ **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

Fencing: Subsection D of 19.15.17.11 NMAC
☐ Chain link, six feet in height, two strands of barbed wire at top
☒ Four foot height, four strands of barbed wire evenly spaced between one and four feet
Netting: Subsection E of 19.15.17.11 NMAC
☐ Screen ☒ Netting ☐ Other
☒ Monthly inspections
Signs: Subsection C of 19.15.17.11 NMAC
☒ 12'x24', 2' lettering, providing Operator's name, site location, and emergency telephone numbers
☒ Signed in compliance with 19.15.3.103 NMAC

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

Administrative Approvals and Exceptions:
Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.
Please check a box if one or more of the following is requested, if not leave blank:
☐ Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau office for consideration of approval.
☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

Siting Criteria (regarding permitting): 19.15.17.10 NMAC ***Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance.*** **Siting criteria does not apply to drying pads or above-grade tanks associated with a closed-loop system.**	
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☒ No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. *(Applies to temporary, emergency, or cavitation pits and below-grade tanks)* - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☒ No ☐ NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. *(Applies to permanent pits)* - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☒ No ☐ NA
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☒ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☒ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☒ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☒ No

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 - 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: _____

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 (required for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9
- ☐ Siting Criteria Compliance Demonstrations (required 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 - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

NMAC

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

Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

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

Proposed Closure: 19.15.17.13 NMAC

Type: ☒ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ 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)

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

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

Waste Removal Closure For Closed-loop Systems That Utilize Haul-off Bins Only: (19.15.17.13.D NMAC) ***Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings.***

Disposal Facility Name: LEA LAND Disposal Facility Permit Number: NM-01-035

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 and Design of Burial Trench (if applicable) 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

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): Richard L. Wright Title: Operation's Mgr

Signature: Richard L. Wright Date: 7-23-08

e-mail address: RWright@CAZAPETRO.com Telephone: 432 682 7424

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

OCD Representative Signature: [signature] **Approval Date:** 7/29/08

Title: Geologist **OCD Permit Number:** P1-00224

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

☐ **Closure Completion Date:**

Closure Method:

☑ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Closure Method

☐ If different from approved plan, please explain.

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
- ☐ Proof of Deed Notice (if applicable)
- ☐ Plot Plan
- ☐ Confirmation Sampling Analytical Results
- ☐ Waste Material Sampling Analytical Results
- ☐ Disposal Facility Name and Permit Number
- ☐ Soil Backfilling and Cover Installation
- ☐ Re-vegetation Application Rates and Seeding Technique
- ☐ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude _____ Longitude _____ NAD: ☐1927 ☐ 1983

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): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

WASTE EXCAVATION AND REMOVAL CLOSURE PLAN

TEMPORARY MUD RESERVE PIT CLOSURE PLAN

Mud Slide Slim Fed Com #1
Lea County, New Mexico

Prepared for:

CAZA Operating, LLC

API Well #30-025-38469

Prepared by:

South Environmental Services, Inc.

July 2008

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FIGURES

APPENDICES

1.0 INTRODUCTION

On behalf of CAZA Operating, South Environmental Services, Inc. has prepared this On Site Closure Plan in compliance with the Oil Conservation Districts (OCD) regulations. The site is located approximately 10.3 miles east of the intersection of Highway 62/180 and County Road 176 southwest of Hobbs, New Mexico. Topographic and Aerial Maps have been provided as Figures 1 & 2.

2.0 SITING CRITERIA COMPLIANCE DEMONSTRATION

2.1 Groundwater Depth and Water Well Information

Groundwater depth for the site is greater than 150' below surface elevation. The nearest water well is 3,574' in a westerly direction at a ranch windmill. The depth can be confirmed by the ranch owner. iWATERS information on the windmill well is incomplete and the nearest well information available is over 10 miles away. Appendix A contains a printout of the iWATERS database information.

2.2 Significant Watercourse

As illustrated in the Topographic Map (Figure 2) attached, there are no significant flowing watercourses, lakebeds, sinkholes, or playa lakes within 300' of the site.

2.3 Permanent Structure

As illustrated in the Aerial Photograph (Figure 1) attached, there are no permanent residences, schools, hospitals, institutions, or churches within 300' of the site.

2.4 Water Well Location

As illustrated in the Topographic Map (Figure 2) and iWATERS printout (Appendix A) attached, there are no wells (private, domestic, or natural) or fresh water springs within 1000' of the site.

2.5 Wetland

As illustrated in the Topographic Map (Figure 2) attached, the site does not fall within 500' of a wetland.

2.6 Unstable Area

As illustrated in the Topographic Map (Figure 2) attached, the site does not fall within 500' of an unstable area.

2.7 100 Year Floodplain

As illustrated in the attached FEMA map (Appendix B), the site falls within an unmapped area for FEMA Floodplain information. As all 100 year floodplain areas are marked and mapped on the FEMA map, the site does not fall within a floodplain area.

3.0 PROTOCOLS AND PROCEDURES

As illustrated in the attached Figures, the Excavation and Backfill procedures shall follow all applicable protocols and rules outlined in 19.15.17.10 NMAC. All liquids will be removed prior to excavation process and the in place soil will be mixed at a 3 to 1 ratio. South will take special care to ensure all impacted soils are included in excavation and disposal. As outlined an approved state disposal facility will be utilized for waste disposal. Confirmation Sampling shall take place to ensure no impacted soil has been left in place. All backfill material will be appropriate soil, clean and compacted. Re-Vegetation and Site Reclamation procedures will be followed according to NMOCD Rules as outlined below.

4.0 CONFIRMATION SAMPLING PLAN

As illustrated in the attached figures, confirmation sampling shall take place after impacted material has been disposed of on-site. The confirmation samples shall be taken for each sidewall (North, South, East and West) as well as a Bottom Hole. If confirmation sample results do not meet regulatory requirements, a supplemental plan will be established to address the results.

5.0 DISPOSAL FACILITY NAME AND PERMIT NUMBER

Lea Land, LLC, Permit #: NM-01-035

6.0 SOIL BACKFILL AND COVER DESIGN AND SPECIFICATIONS

Please see the attached figures for design and specifications. As illustrated, the soil cover shall be an adequate backfill material, compacted and non-waste containing, from top of cap (>4' below ground surface) to >1' below ground surface and topsoil to surface grade.

7.0 RE-VEGETATION PLAN

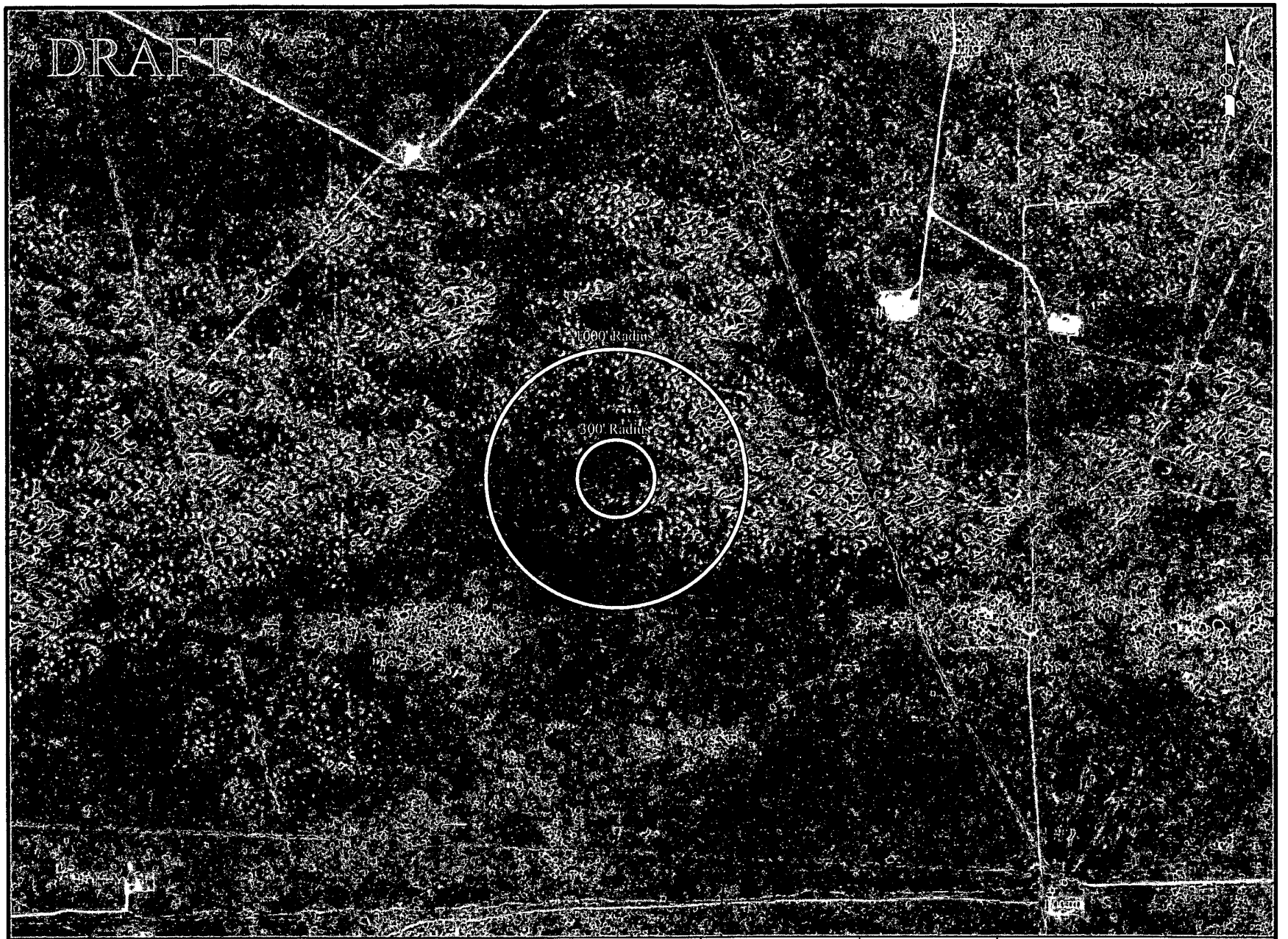
The attached Figure 7, & 8 show the proposed re-vegetation plan. As illustrated, the re-vegetation shall take place with a minimum of 70% native perennial vegetative cover consisting of at least 3 native plant species, including at least one grass and no noxious

weeds. Cover shall be maintained through 2 successive growing seasons.

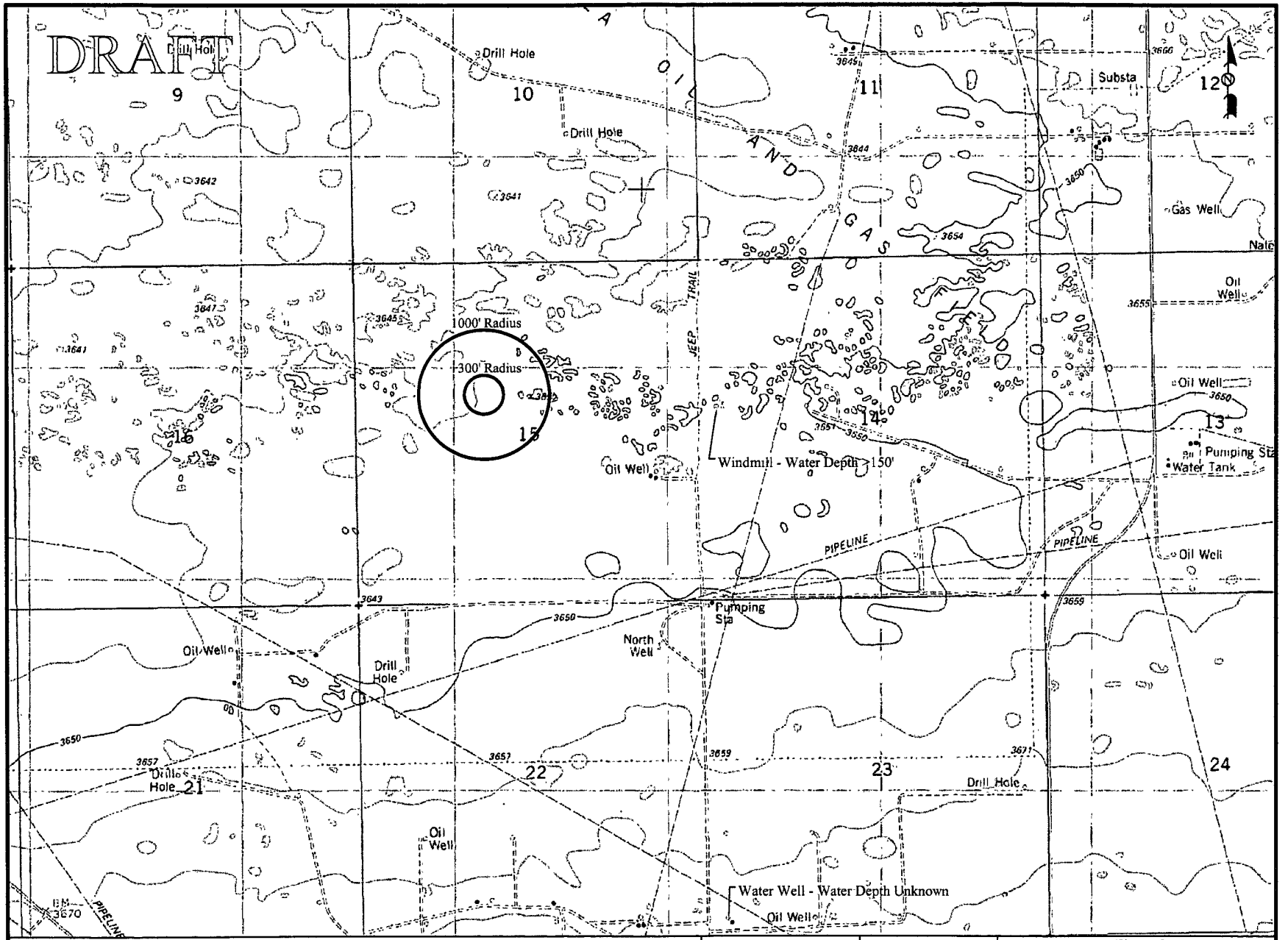
8.0 SITE RECLAMATION PLAN

Site reclamation will be accomplished through several steps. As illustrated in the attached figures, the original surface grade will be established with both the original reserve pits and the burial trench and re-vegetation will take place as described above. Additionally, site photo documentation will be submitted upon closure request to show that proper surface measures have been taken to ensure the site is brought back, as much as possible, to its condition before surface activity took place.

FIGURES

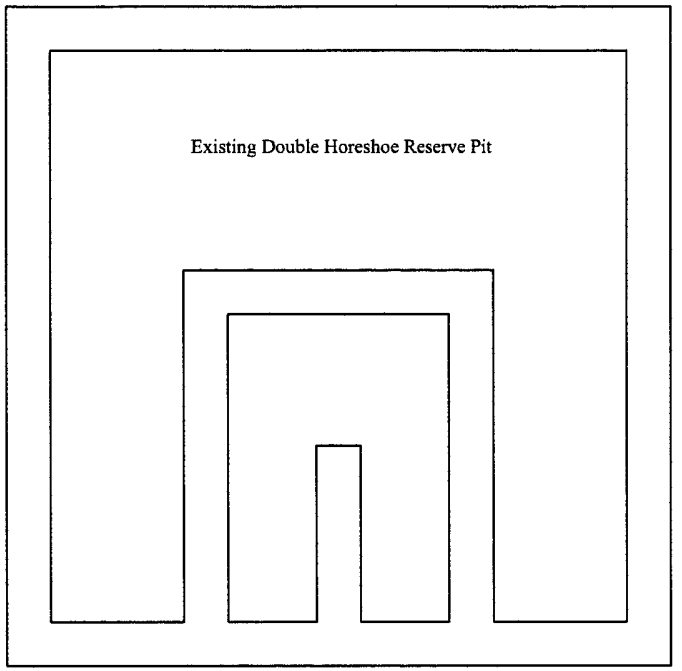


Mud Slide Slim Fed Com #1	API Well #. 30-025-38469	Figure 1 Aerial Photograph
Lat 32.574818 N	Sec. 15, T-20-S, R-34-E	
Long 103 549746 W	Lea County, NM	South Environmental Services, Inc.
Drawn By: JDJ	Project Manager RN	
July 7, 2008	Scale. 1" = 1000'	



Mud Slide Slim Fed Com #1	API Well # 30-025-38469	Figure 2 USGS Topographic Map	
Lat 32 574818 N	Sec 15, T-20-S, R-34-E		
Long 103.549746 W	Lea County, NM	South Environmental Services, Inc.	
Drawn By: JDJ	Project Manager RN		
July 7, 2008	Scale. 1" = 2000'		

DRAFT



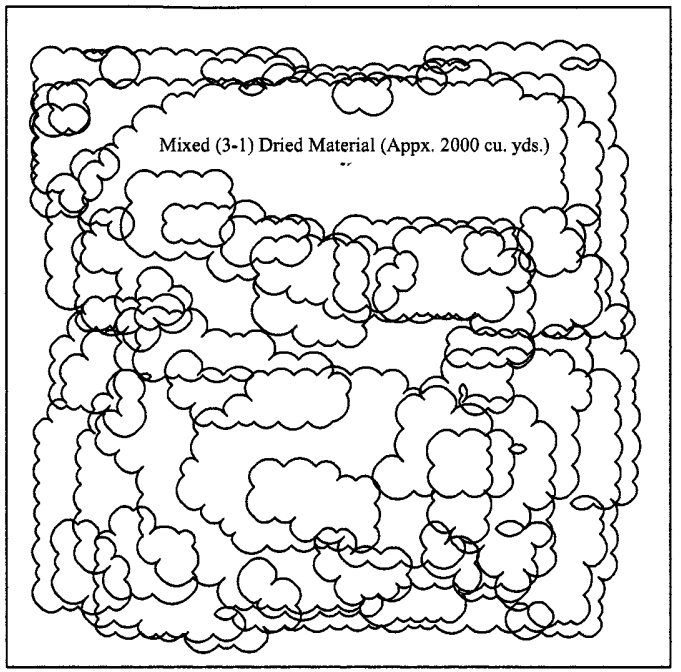
40 20 0 20 40
Distance in Feet

Mud Slide Slim Fed Com #1	API Well # 30-025-38469
Lat 32 574818 N	Sec 15, T-20-S, R-34-E
Long 103.549746 W	Lea County, NM
Drawn By: JDJ	Project Manager RN
July 7, 2008	Scale. 1" = 40'

Figure 3
Existing Pit Design

South Environmental Services, Inc.

DRAFT



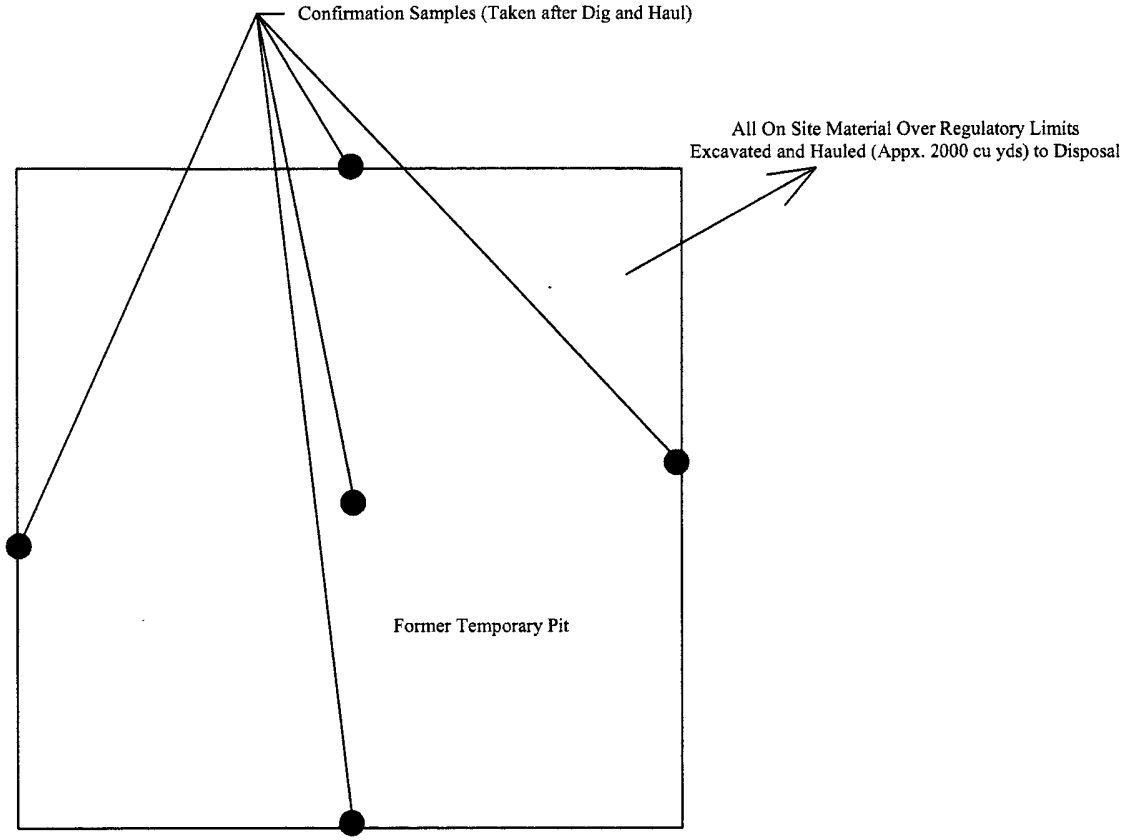
40 20 0 20 40
Distance in Feet

Mud Slide Slim Fed Com #1	API Well # 30-025-38469
Lat. 32.574818 N	Sec. 15, T-20-S, R-34-E
Long 103 549746 W	Lea County, NM
Drawn By. JDJ	Project Manager RN
July 7, 2008	Scale. 1" = 40'

Figure 4
Mixing and Drying Procedures

South Environmental Services, Inc.

DRAFT



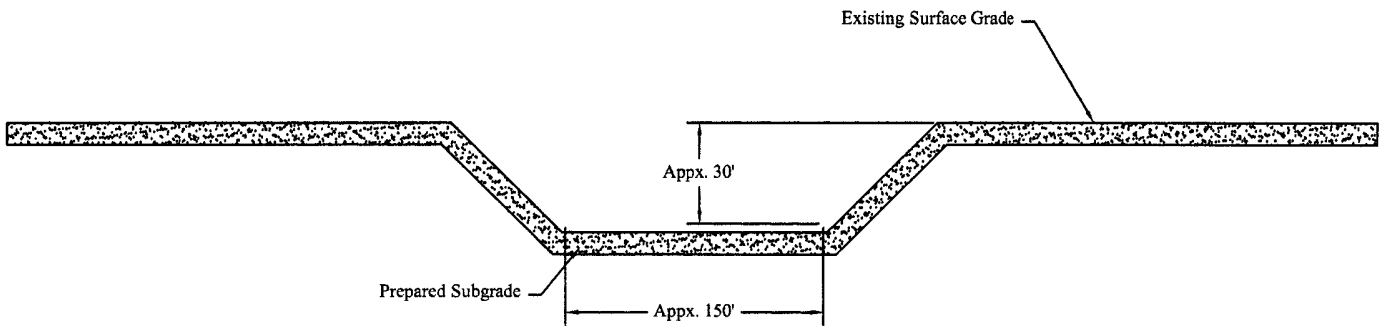
40 20 0 20 40
Distance in Feet

Mud Slide Slim Fed Com #1	API Well #. 30-025-38469
Lat. 32 574818 N	Sec. 15, T-20-S, R-34-E
Long 103.549746 W	Lea County, NM
Drawn By: JDJ	Project Manager: RN
July 7, 2008	Scale: 1" = 40'

Figure 5
Sample Locations and Material Removal

South Environmental Services, Inc.

DRAFT



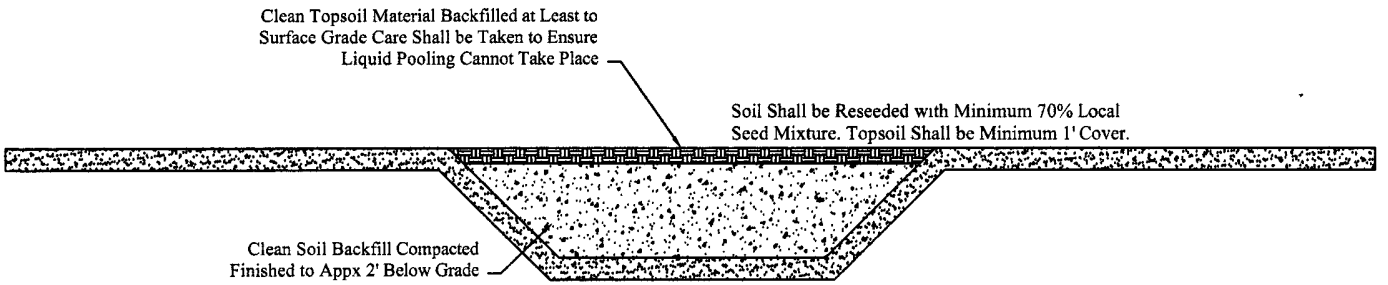
40 20 0 20 40
Distance in Feet

Mud Slide Slim Fed Com #1	API Well # 30-025-38469
Lat. 32 574818 N	Sec 15, T-20-S, R-34-E
Long 103 549746 W	Lea County, NM
Drawn By. JDJ	Project Manager RN
July 7, 2008	Scale. 1" = 40'

Figure 6 Cross Section
Backfill Procedures

South Environmental Services, Inc.

DRAFT



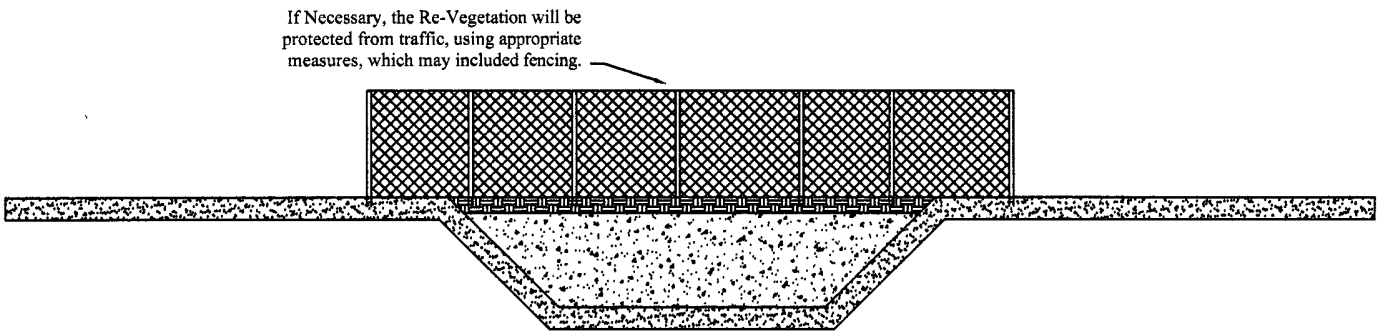
40 20 0 20 40
Distance in Feet

Mud Slide Slim Fed Com #1	API Well # 30-025-38469
Lat 32 574818 N	Sec 15, T-20-S, R-34-E
Long 103.549746 W	Lea County, NM
Drawn By. JDJ	Project Manager. RN
July 7, 2008	Scale: 1" = 40'

Figure 7 Cross Section
Backfill and Re-Vegetation Procedures

South Environmental Services, Inc.

DRAFT



40 20 0 20 40
Distance in Feet

Mud Slide Slim Fed Com #1	API Well # 30-025-38469
Lat 32 574818 N	Sec 15, T-20-S, R-34-E
Long 103 549746 W	Lea County, NM
Drawn By JDJ	Project Manager RN
July 7, 2008	Scale: 1" = 40'

Figure 8 Cross Section
Site Re-Vegetation and Reclamation

South Environmental Services, Inc.

APPENDIX A

iWATERS Printouts

New Mexico Office of the State Engineer
POD Reports and Downloads

Township: [ ] Range: [ ] Sections: [ ]

NAD27 X: 741383 Y: 573719 Zone: E Search Radius: 500000

County: Basin: Number: [ ] Suffix: [ ]

Owner Name. (First) [ ] (Last) [ ] ○ Non-Domestic ○ Domestic ◉ All

POD / Surface Data Report | Avg Depth to Water Report | Water Column Report

Clear Form | iWATERS Menu | Help

POD / SURFACE DATA REPORT 07/07/2008

DB File Nbr	Use (acre ft per annum)	Diversion	Owner	POD Number	Source (quarters are 1=NW 2=NE 3=SW 4=SE)	Tws (quarters are biggest to smallest	Rng	Sec	q	q	q	Zone X Y are in Feet	X	Y	UTM_Zone (UTM are in Meters)	Easting	Northing	Start Date	Finish Date
CR 01895	STK	3	PHILMONT SCOUT RANCH	CR 01895	Shallow							E	307100	1036700	13	502848	3745329	12/15/1988	12/17/19
CR 03335	DOM	3	DON MOODY	CR 03335	Shallow							E	360107	1051730	13	518969	3750013	02/21/2000	02/23/20
CR 03654	DOM	3	RICHARD TRAYLOR	CR 03654								E	254675	722525	13	487489	3649501		12/31/19
RG 54778	IRR	193.2	NM RANCH PROPERTIES, INC.	RG 54778		14S	01W	01	4	2	2	E	726120	771000	13	631050	3665186		12/04/19

Record Count: 4

New Mexico Office of the State Engineer
POD Reports and Downloads

Township: 20S Range: 34E Sections: 15,14,22,23

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ○ Non-Domestic ○ Domestic ◉ All

POD / Surface Data Report | Avg Depth to Water Report | Water Column Report

Clear Form | iWATERS Menu | Help

POD / SURFACE DATA REPORT 07/07/2008

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are biggest to smallest X Y are in Feet UTM are in Meters)

DB File Nbr	Use	(acre ft per annum) Diversion	Owner	POD Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y	UTM_Zone	Easting	Northing	Start Date	Finish Date
CP 00567	DOM	0	PHILLIPS PETROLEUM COMPANY	CP 00567 EXP		20S	34E	23	3	3	1				13	637227	3602793		
CP 00655	STK	0	MARK SMITH	CP 00655 DCL		20S	34E	14	1	3					13	637294	3605108		

Record Count: 2

New Mexico Office of the State Engineer
POD Reports and Downloads

Township: 20S Range: 34E Sections: 15,,14,,22,,23

NAD27 X: 741383 Y: 573719 Zone: E Search Radius: 500000

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ○ Non-Domestic ○ Domestic ◉ All

POD / Surface Data Report | Avg Depth to Water Report | Water Column Report

Clear Form | iWATERS Menu | Help

WATER COLUMN REPORT 07/07/2008

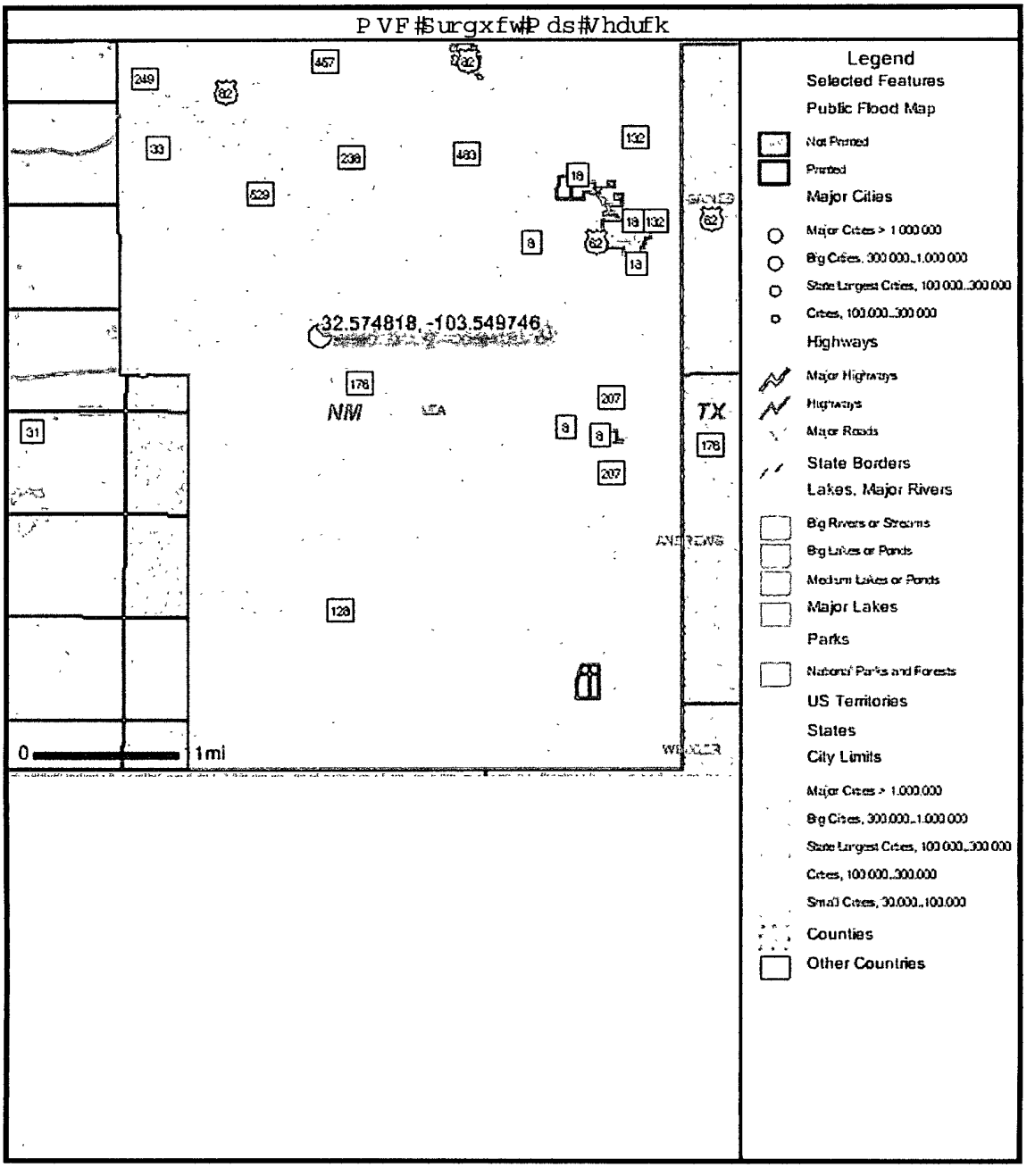
(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are biggest to smallest)

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y	Depth Well	Depth Water	Water Column (in feet)
CP 00655 DCL	20S	34E	14	1	3							
CP 00567 EXP	20S	34E	23	3	3	1						
CR 03654							E	254675	722525	150		
CR 01895							E	307100	1036700	102	20	82
CR 03335							E	360107	1051730	226	16	210
RG 54778	14S	01W	01	4	2	2	E	726120	771000	501		

Record Count: 6

APPENDIX B

FEMA Map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32.574818, -103.549746
NM
TX
LEA
ANDREWS
0
1 mi
Legend
Selected Features
Public Flood Map
Not Printed
Printed
Major Cities
Major Cities > 1,000,000
Big Cities, 300,000-1,000,000
State Largest Cities, 100,000-300,000
Cities, 100,000-300,000
Highways
Major Highways
Highways
Major Roads
State Borders
Lakes, Major Rivers
Big Rivers or Streams
Big Lakes or Ponds
Medium Lakes or Ponds
Major Lakes
Parks
National Parks and Forests
US Territories
States
City Limits
Major Cities > 1,000,000
Big Cities, 300,000-1,000,000
State Largest Cities, 100,000-300,000
Cities, 100,000-300,000
Small Cities, 30,000-100,000
Counties
Other Countries