

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

AUG - 7 2008

OCD-ARTESIA

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. C&D MANAGEMENT COMPANY dba FREEDOM VENTURES OGRID #: 231382  
Operator: \_\_\_\_\_  
Address: 4801 Lang NE, Suite #110, Albuquerque, New Mexico, 87109  
Facility or well name: Shearn Becky Federal #1  
API Number: 30-015-34440 OCD Permit Number: \_\_\_\_\_  
U/L or Qtr/Qtr B Section 14 Township T 17 S Range R 27 E County: EDDY COUNTY  
Center of Proposed Design: Latitude 32.8395355867 Longitude 104.246202757 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 \_\_\_\_\_  
See Attached Manufacture Technical Specification Sheet  
Volume: \_\_\_\_\_ bbl Dimensions: L \_\_\_\_\_ x W \_\_\_\_\_ x D \_\_\_\_\_

3. NOT APPLICABLE:  
☐ 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. NOT APPLICABLE:  
☐ 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.

0208410

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 checked="" 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="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 20%; text-align: center;">See attached Bureau of Hydrology Print-Out - Attached Hereto</th> </tr> </thead> <tbody> <tr> <td>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</td> <td style="text-align: center;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</td> </tr> <tr> <td>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</td> <td style="text-align: center;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</td> </tr> <tr> <td>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. 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Within a 100-year floodplain. - FEMA map	<input type="checkbox"/> Yes <input checked="" 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: \_\_\_\_\_

Temporary Work Over Pit for Plugging Well. All materials and displaced fluids will be disposed of, and transported by OK Hot Oil Service & Controlled Recovery, Inc. Permit #R9166

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)

Temporary Work Over Pit for Plugging Wells. All materials and displaced fluids will be disposed of and transported by OK Hot Oil Services and Controlled Recovery, Inc. [Permit No. R9166]

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

## Temporary Work Over Pit Disposal

### 16. **Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:** (19.15.17.13.D NMAC)

**Instructions:** Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.

**R9166**

Disposal Facility Name: Controlled Recovery, Inc.  
Hobbs/Halfway, New Mexico

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. **Not Applicable**

### **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. **Not Applicable:**

### **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): Thomas Kizer Title: President  
Signature: \_\_\_\_\_ Date: August 6, 2008  
e-mail address: oilfreedom@aol.com Telephone: (505) 417-1511 --- (814) 688-3297

20.  
**OCD Approval:** ☒ Permit Application (including closure plan) ☐ Closure Plan (only) ☐ OCD Conditions (see attachment)  
OCD Representative Signature: Signed By [Signature] Approval Date: AUG 15 2008  
Title: \_\_\_\_\_ OCD Permit Number: 0208410

21.  
**Closure Report (required within 60 days of closure completion):** Subsection K of 19.15.17.13 NMAC  
*Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.*  
☐ Closure Completion Date: \_\_\_\_\_

22.  
**Closure Method:**  
☒ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)  
☐ If different from approved plan, please explain.

23.  
**Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:**  
*Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.*  
Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_  
Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_  
Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations?  
☐ Yes (If yes, please demonstrate compliance to the items below) ☐ No  
*Required for impacted areas which will not be used for future service and operations:*  
☐ Site Reclamation (Photo Documentation)  
☐ Soil Backfilling and Cover Installation  
☐ Re-vegetation Application Rates and Seeding Technique

24.  
**Closure Report Attachment Checklist:** *Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.*  
☐ Proof of Closure Notice (surface owner and division)  
☐ Proof of Deed Notice (required for on-site closure)  
☐ Plot Plan (for on-site closures and temporary pits)  
☐ Confirmation Sampling Analytical Results (if applicable)  
☐ Waste Material Sampling Analytical Results (required for on-site closure)  
☐ Disposal Facility Name and Permit Number  
☐ Soil Backfilling and Cover Installation  
☐ Re-vegetation Application Rates and Seeding Technique  
☐ Site Reclamation (Photo Documentation)  
On-site Closure Location: Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ 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): \_\_\_\_\_ Title: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
e-mail address: \_\_\_\_\_ Telephone: \_\_\_\_\_



# C&D MANAGEMENT COMPANY



DBA FREEDOM VENTURES  
4801 LANG NE - SUITE #110  
ALBUQUERQUE, NEW MEXICO 87109

DIRECT LINE: (505)-417-1511 - (814) 688-3297

FACSIMILE: 702-413-6687

EMAIL: OILFREEDOM@AOL.COM

FROM THE DESK OF: THOMAS KIZER, PRESIDENT

August 6, 2008

Via Courier: Federal Express to OCD/Artesia, New Mexico

Mr. Michael Bratcher  
Oil Conservation Division - District II  
1301 W. Grand Ave.  
Artesia, New Mexico 88210

Re: Application for Permit  
Form: C-144 Temporary Pit Application & Attachments

Operator: C D Management/ Freedom Ventures  
OGRID: 231382

**Wells Affected: Plugging**

Shearn Becky Federal No. 001	B-14-17S-27E	30-015-34440
Shearn Freedom Federal No. 002	A-14-17S-27E	30-015-34454
Shearn Samantha Federal No. 001	G-14-17S-27E	30-015-31059
Shearn Shilo Federal No. 001	B-14-17S-27E	30-015-31061

Dear Mr. Bratcher:

In accordance, and in compliance, with the State of New Mexico's Oil Conservation Division recent adoption of the "New" Pit Rules and implementation of Form 'C-144', i.e. *Application for a Temporary Pit Permit*, we hereby submit the enclosed application and supporting documentation for your review and approval.

CDM/FV has been issued a Plugging Permit by the Bureau of Land Management/Carlsbad. A request a extension of time with the Bureau Land Management has been made to comply with the OCD New Pit Rules. [New Form July 21, 2008]

We hereby request that that the Artesia/OCD give this submission of this application and it's attachments a expedited review, in that, CDM/FV has been operating under deadline dates imposed by the Oil Conservation Division/Santa Fe.

It should be noted that CDM/FV has contracted with Ok Hot Oil Services & Controlled Recovery, Inc. to dispose of the plastic woven lining and the displacement fluids. Thus, our application does not necessitate the need for Hydrology and Soil studies. In that, all fluids, including plastic liners will be properly disposed of with a Registered Waste Disposal Facility: Controlled Recovery, Inc. Permit: # R9166.

Find Enclosed the following data/documentation for each well permit application.

**1. Completed C-144 Application for:**

Shearn Becky Federal No. 001	B-14-17S-27E	30-015-34440
Shearn Freedom Federal No. 002	A-14-17S-27E	30-015-34454
Shearn Samantha Federal No. 001	G-14-17S-27E	30-015-31059
Shearn Shilo Federal No. 001	B-14-17S-27E	30-015-31061

**2. Bureau of Hydrology Map with Well Locations**

(a) POD Reports from OSE's Iwater [All dated August 3, 2008]

(1) Surface Data Report

(2) Water Column Report

(3) Average Depth of Water Report

(b) Well Record "RA-4554" - December 1962

(c) Declaration of Owner of Underground Water Right "RA-7936" July 1991

**3. FEMA - National Flood Insurance Program Map [Reduced & Full Size]**

Eddy County: Panel 350120-0200R; Panel 200 of 1125

Effective Date: February 6, 1991

**4. Topographic Maps: Section 14, Township 17 South, Range 27 East**

(a) Expanded copy with all 4 subject wells demarked.

(b) Magnified copy with all 4 subject wells demarked.

**5. (a) Temporary Pit Design & Configuration**

**(b) Temporary Pit Design & Construction**

Dimensions of Pit; Depth of Pit; Protective Liner; Transport of Displaced Fluids; Disposal of Pit Liner & Displaced Fluids/Material; Companies contracted with CDM/FV to participate in preparation, supervision, disposal and closure of Temporary Pit.

**6. Technical Specifications of 20 MIL WOVEN BLACK/BLACK**

Pit Liner from W T Plastics, LTD, Midland, Texas. Installation by Mesquite Oil Services, Artesia, New Mexico.

**7. Photographs of Abandonment - On-Site Burial Markers**

Prepared in accordance with OCD Pit Rules and ready for installation.



**Page 3 of 3: Temporary Pit Permit Applications with Attachments: 4 Wells**

The following companies and individuals will be involved in the preparation, supervision, plugging, disposal and closure of the Temporary Pit.

- ☒ Mesquite Oil Services, Artesia, New Mexico
- ☒ OK Hot Oil Services, Loco Hills, New Mexico
- ☒ Controlled Recovery, Inc, Hobbs/Halfway, New Mexico
- ☒ Sweat Construction, Artesia, New Mexico
- ☒ Darrel Finney, Individual, Artesia, New Mexico
- ☒ Larry Ivans, Pumper, Artesia, New Mexico

If you should have any questions or require further information please don't hesitate to call, email or fax me at the any of the above stated contact numbers.

Thanking you in advance for your expeditious affirmative response .

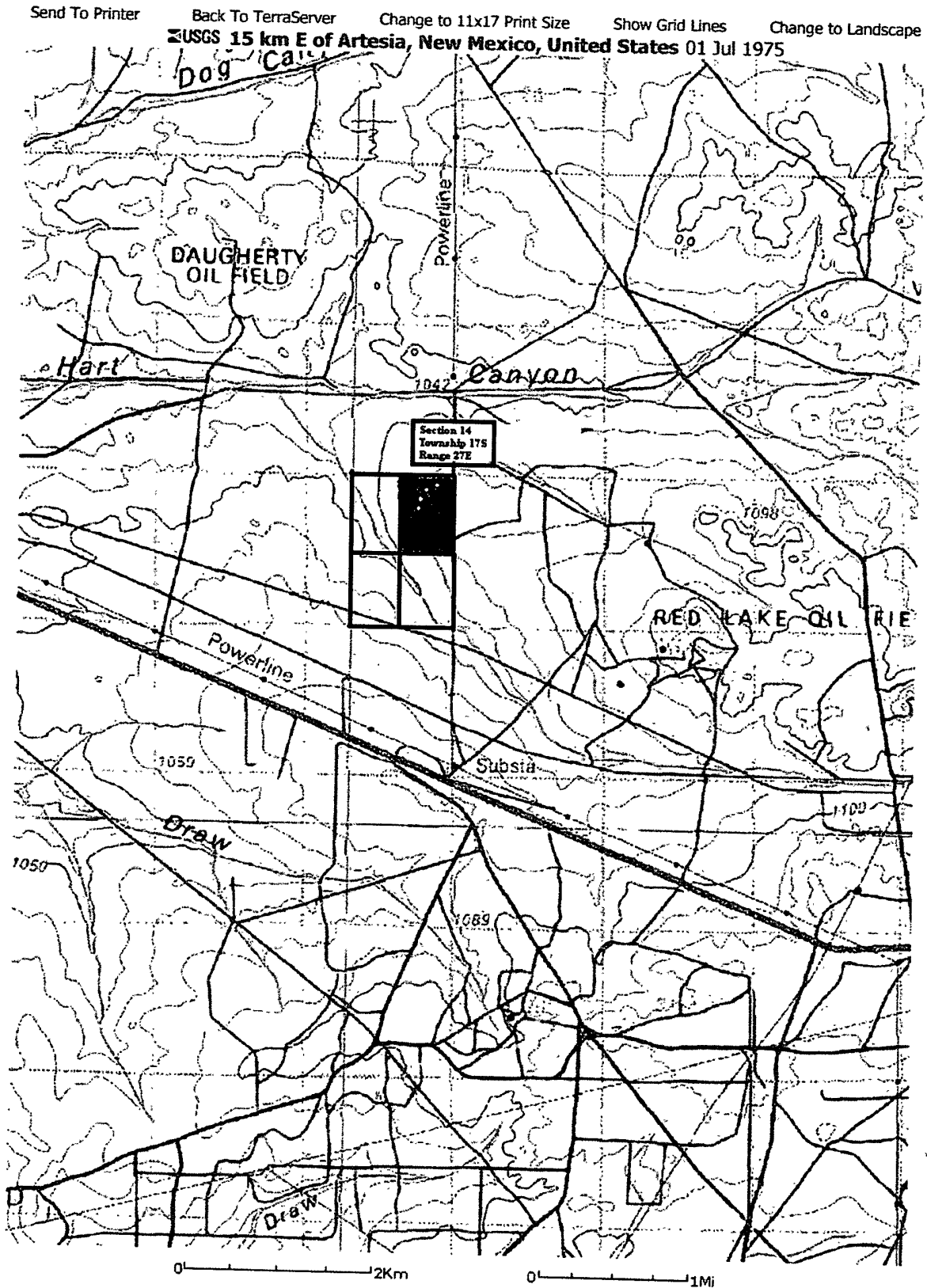
Respectfully submitted,

**C D MANAGEMENT COMPANY**  
**DBA FREEDOM VENTURES**

**Thomas Kizer**  
**President**







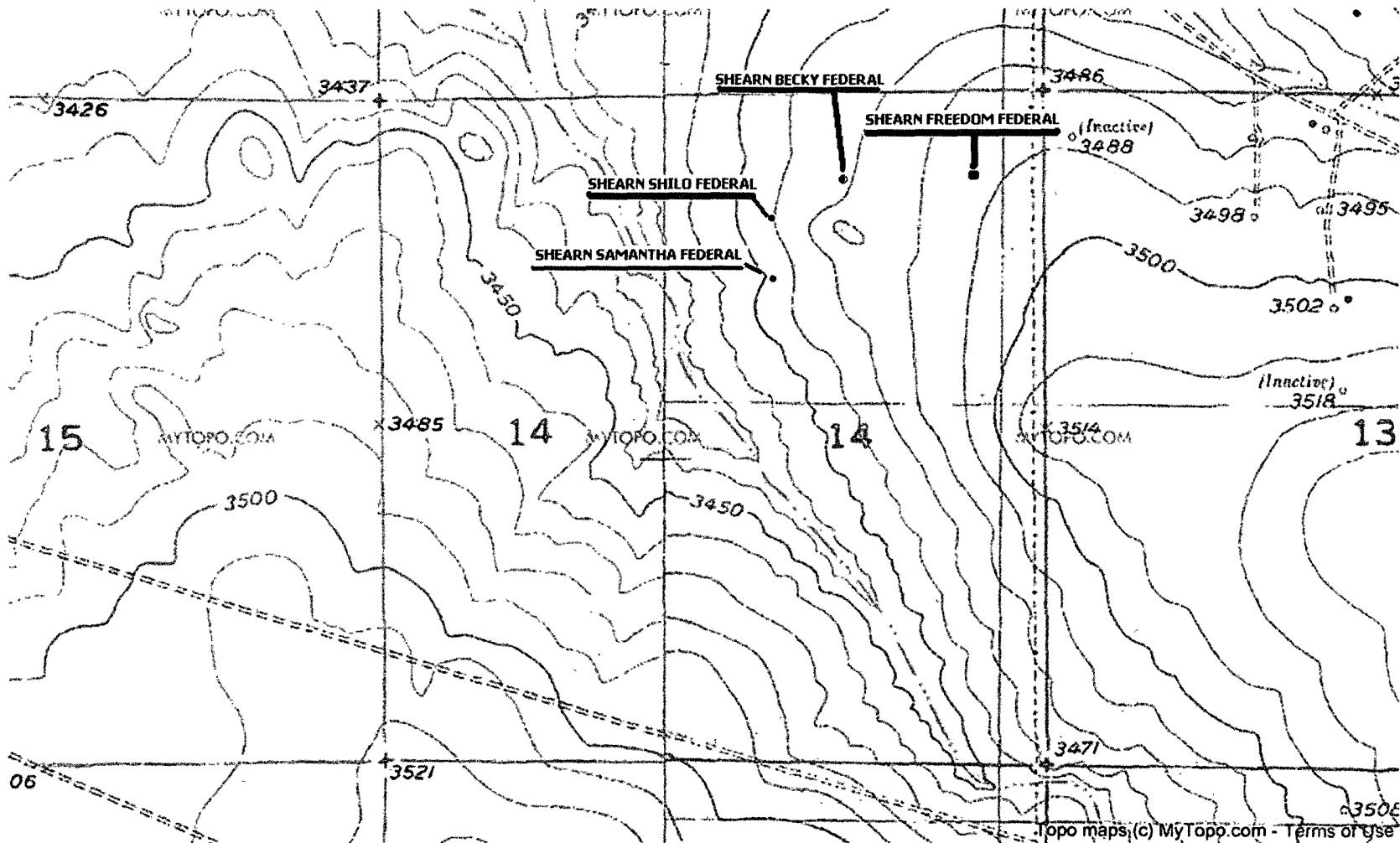
Well\_Name: SHEARN BECKY FEDERAL API #: 3001534440  
Property Number.: 001 Location: B-14-17.05-27E, 660 FNL, 1650 FEL  
Lat:32.8395355867 Long:-104.246202757  
County: EddyLand Type: Federal Well:Elevation GL: 3470

Well\_Name: SHEARN SHILO FEDERAL API #: 3001531061  
Property Number.: 001 Location: B-14-17.05-27E, 991 FNL, 1464 FEL  
Lat:32.8386252718 Long:-104.245593984  
County: EddyLand Type: Federal:Elevation GL: 3479 Depth TVD: 0

Well\_Name: SHEARN FREEDOM FEDERAL API #: 3001534454  
Property Number.: 002 Location: A-14-17.05-27E, 660 FNL, 660 FEL  
Lat:32.8395327424 Long:-104.2429643  
County: EddyLand Type: Federal Well Type:Elevation GL: 3486 Depth

Well\_Name: SHEARN SAMANTHA FEDERAL API #: 3001531059  
Property Number.: 001 Location: G-14-17.05-27E, 1649 FNL, 1523 FEL  
Lat:32.8368168747 Long:-104.245786315 County: EddyLand Type:  
Federal Well:Elevation GL: 3471

## SECTION 14, TOWNSHIP 17 SOUTH, RANGE 27



Location: 32.8431063, -104.266777 |

**FREEDOM VENTURES - C D MANAGEMENT**

# FREEDOM OIL - C & D MANAGEMENT COMPANY TEMPORARY PIT DESIGN AND CONFIGURATION

## TEMPORARY PIT SPECIFICATIONS:

DIMENSIONS: 15 FT X 15FT

DEPTH: 3 FEET



PROTECTIVE LINER : 20 MIL LINER: WOVEN [SPECIFICATIONS ATTACHED]

## TRANSPORT OF DISPLACEMENT FLUIDS:

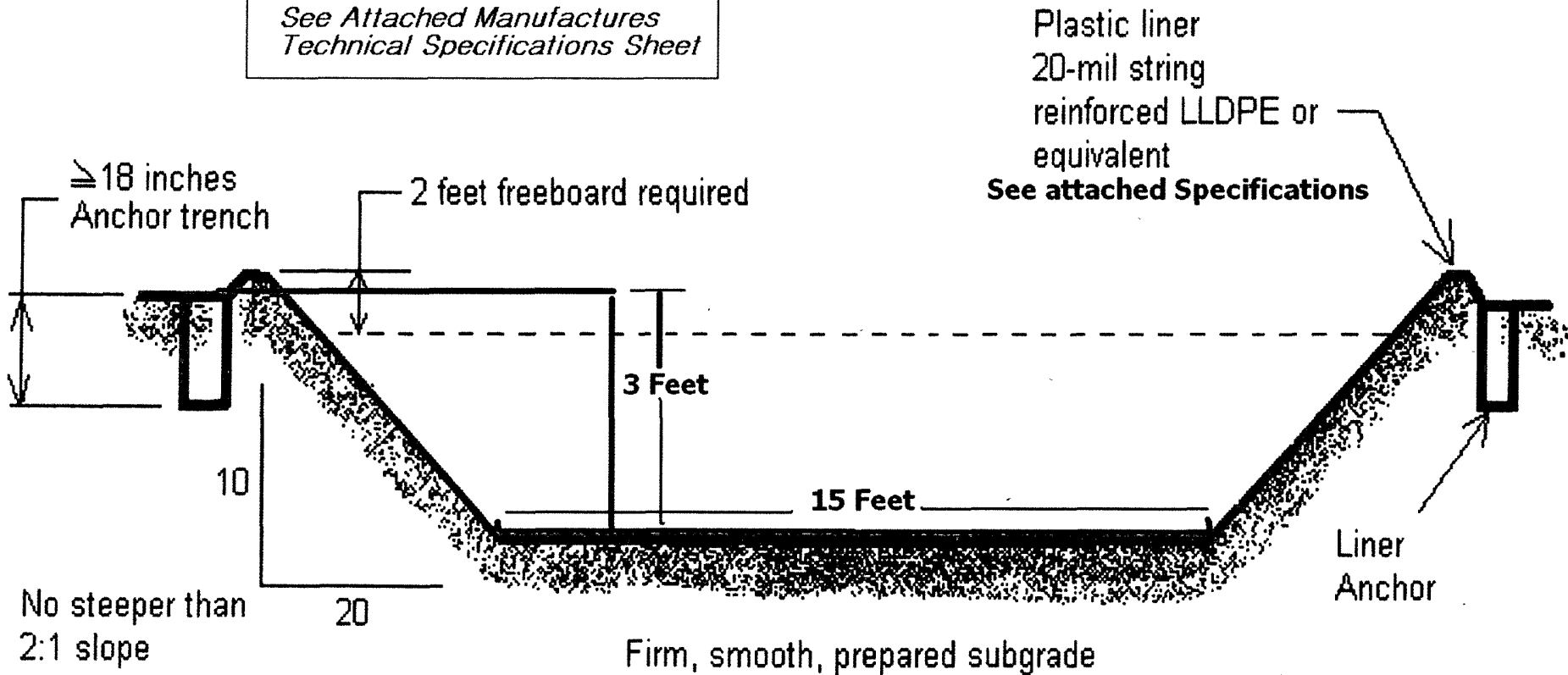
PROTECTIVE LINING TRENCH [12" Depth] OR HOSE PIPE FROM WELL TO PIT

TEMPORARY PIT PREPARED BY: MESQUITE SERVICES, ARTESIA, NEW MEXICO

## DISPOSAL OF FLUIDS AND PIT LINER MATERIAL

-  OK Hot Oil Services, Loco, New Mexico
-  Controlled Recovery, Inc., Halfway, New Mexico  
Waste Disposal Permit: R9166

*Pit Liners:  
See Attached Manufactures  
Technical Specifications Sheet*

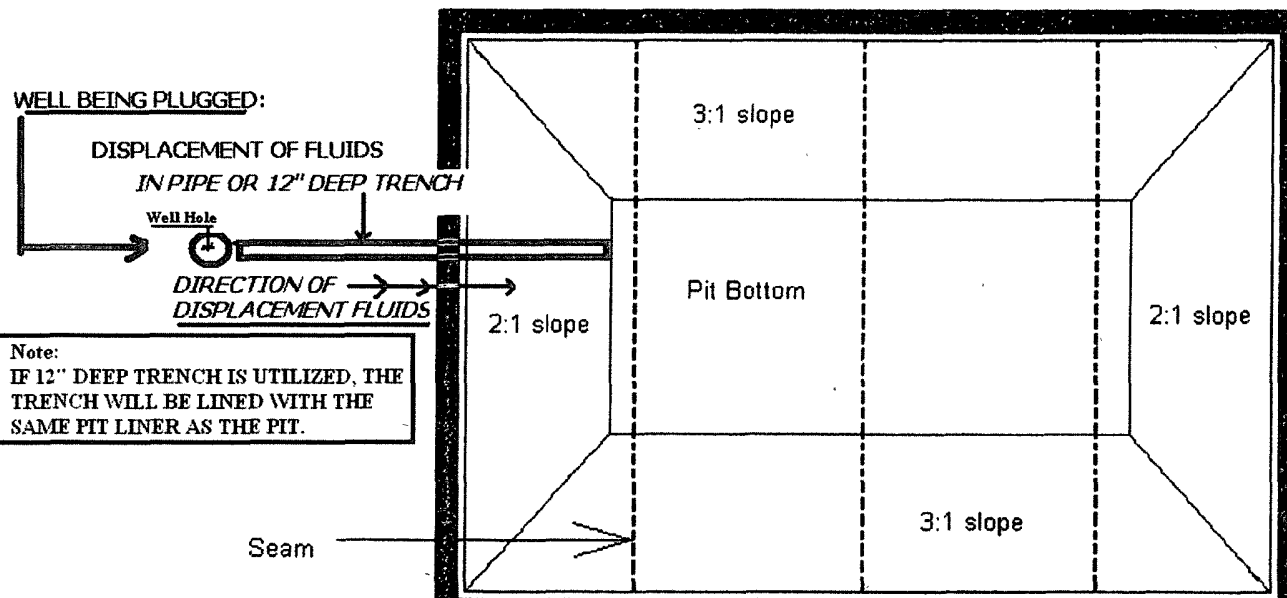


# TEMPORARY PIT DESIGN AND CONSTRUCTION

## DISPOSAL OF DISPLACEMENT FLUIDS:

And all materials, including Pit Liner

- ☐ OK Hot Oil Services, Loco, New Mexico
- ☐ Controlled Recovery, Inc., Halfway, New Mexico
- Waste Disposal Permit No.: R9166



Note:  
IF 12" DEEP TRENCH IS UTILIZED, THE  
TRENCH WILL BE LINED WITH THE  
SAME PIT LINER AS THE PIT.

## TEMPORARY PIT SPECIFICATIONS

DIMENSIONS: 15FT X 15FT

DEPTH: 3 FEET

PROTECTIVE LINER: 20 MIL LINE WOVEN [SPECS ATTACHED]

TEMPORARY PIT PREPARED BY: MESQUITE SERVICES, ARTESIA, NEW MEXICO

DISPLACEMENT FLUIDS FROM WELL TO PIT: TRANSPORTED IN PIPE OR 12"  
DEEP TRENCH

# W T Plastics, Ltd.

Phone 432-563-4005  
Fax 432-461-5209  
Toll Free 800-583-6005

P.O. Box 60004  
Midland, Texas 79711

## TECHNICAL SPECIFICATION SHEET 20 MIL WOVEN BLACK/BLACK TYPE RB88X-6

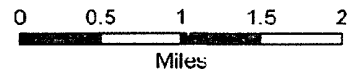
Made from high density polyethylene tapes, coated on two sides with low density polyethylene.

PROPERTIES	UNIT	VALUES	TEST METHOD
Unit Weight	oz/yd <sup>2</sup>	8.9	ASTM D3775
Warp Construction	Tapes/in	Warp 16 Weft 16	ASTM D3775
Widths	in	up to 144	
Tensile Grab Strength	lbf	Warp/Weft 342	ASTM D751
Tear Strength *(longue)	lbf	Warp/Weft 117	ASTM D751
Tear Strength (trapezoid)	lbf	Warp/Weft 90	ASTM D751
Scrim Color		Black	
Coating Thickness	mil	Black 2.5	ASTM D1777 MOD
Carbon Dispersion		>%	ASTM D3015
Oil Resistance Strength retained %	%	Warp 87	ASTM D882
Oil Resistance Strength retained %	%	Weft 97	ASTM D882
Low Temperature Bend	-95 F	No Crack	ASTM D2136
Mullen Burst Strength	psi	551	ASTM D751
Moisture Vapor Transmission % (m <sup>2</sup> *24hrs)	%	.1	ASTM E96-92 proc A
Water Permeance	g/(m <sup>2</sup> *24hrs)	0	ASTM D4491
Puncture Resistance	lbs	greater than 180	ASTM 4833
1" Tensile Strength	lbf	200	ASTM D382
1" Tensile Elongation	%	15	ASTM D382
Nominal Thickness	mil	20	ASTM D1777 MOD

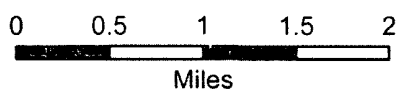
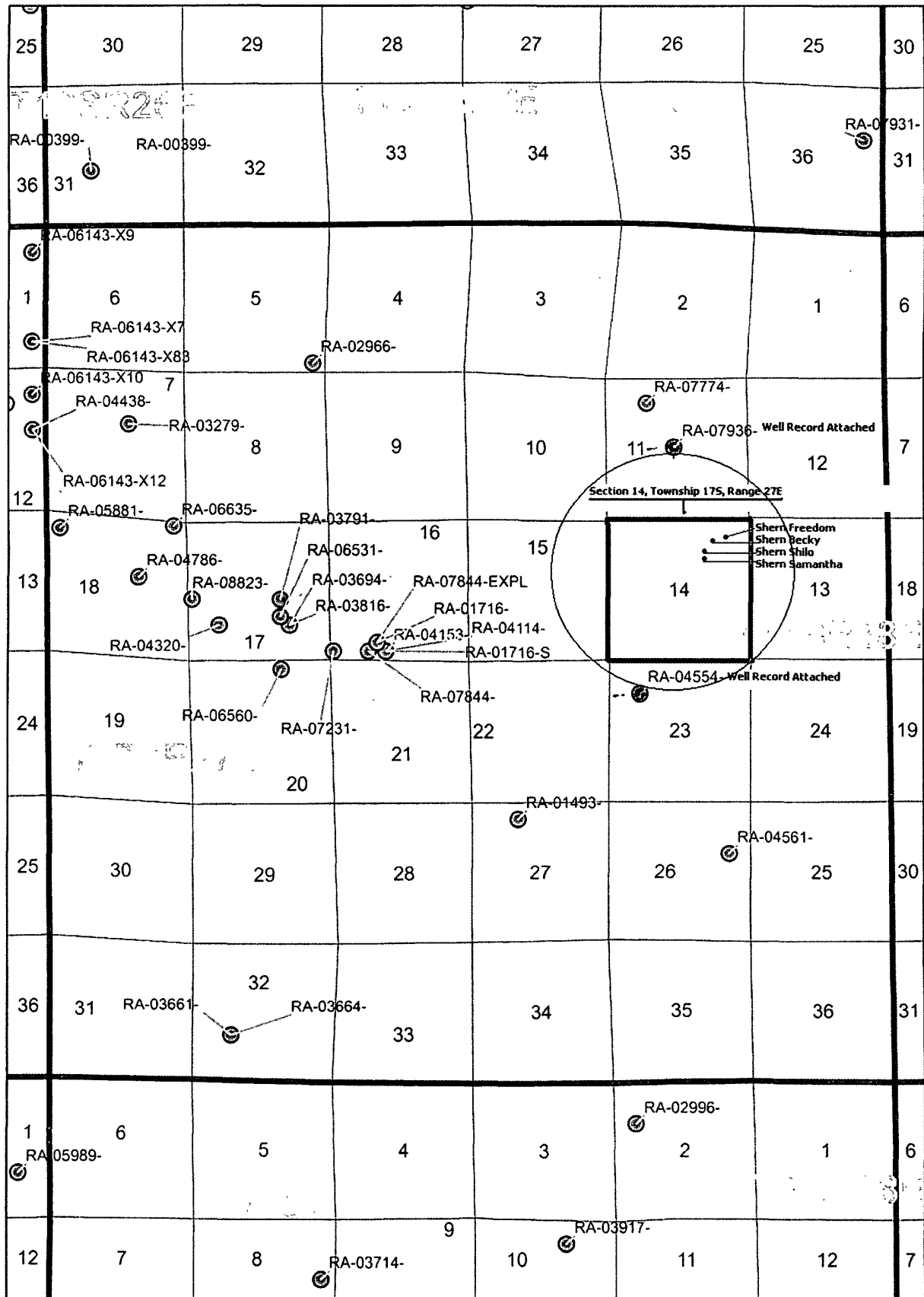
\*Includes force to shift tapes - Tear may be crosswise to direction of force

TGLB5B5 contains ultraviolet inhibitors and is suitable for outdoor applications

Note: to the best of our knowledge, these are typical property values and are intended as guides only. Not as specification limits. WEST TEXAS PLASTICS, INC., MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage.



Map Provided by: New Mexico Bureau of Hydrology



**FREEDOM VENTURES -  
C&D MANAGEMENT**

New Mexico Office of the State Engineer  
POD Reports and Downloads

Township: 17S      Range: 27E      Sections:

NAD27 X:      Y:      Zone:      Search Radius:

County:      Basin:      Number:      Suffix:

Owner Name: (First)      (Last)      Non-Domestic      Domestic      All  
POD / Surface Data ReportAvg Depth to Water ReportWater Column Report

POD / SURFACE DATA REPORT 08/03/2008

(acre ft per annum)			(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest)										X Y are in Feet			UTM are in Meters)			Start	Finish	Depth	Depth (in feet)
DB File Nbr	Use	Diversion	Owner	POD Number	Source	Tw	Rng	Sec	q	q	q	Zone	X	Y	UTM Zone	Easting	Northing	Date	Date	Well	Water	
RA 01493	IRR	3	JULIAN MONTOYA	RA 01493	Artesian	17S	27E	27	1	2		13			13	568468	3630529		01/01/1908		876	
RA 01716	COM	63.6	RIVERSIDE MUTUAL DOMESTIC ASSO	RA 01716	Artesian	17S	27E	16	3	4		13			13	566854	3632521					
				RA 01716 S	Artesian	17S	27E	16	3	4	4	13			13	566953	3632420	07/26/2004	08/03/2004	1200		
RA 02966	DOM	3	JIM HOOTEN	RA 02966	Shallow	17S	27E	05	4	4	4	13			13	566117	3635707	10/14/1952	10/16/1952	80	30	
RA 03279	DOM	3	EMIL P. BACH	RA 03279		17S	27E	07	2	3		13			13	564020	3635011	08/10/1954	08/24/1954	250	14	
RA 03661	PRO	0	HUMBLE OIL & REFINING	RA 03661	Shallow	17S	27E	32	3	2	3	13			13	565186	3628038	10/12/1956	10/26/1956	330	140	
RA 03664	DOM	0	HUMBLE OIL & REFINING CO	RA 03664	Shallow	17S	27E	32	3	2	3	13			13	565186	3628038	11/01/1956	11/06/1956	400	100	
RA 03694	DOM	3	C. M. BERRY	RA 03694	Shallow	17S	27E	17	4			13			13	565854	3632721	01/26/1957	02/02/1957	300	90	
RA 03791	DOM	0	C. L. BOWEN	RA 03791		17S	27E	17	4	1	2	13			13	565747	3633021					
RA 03816	DOM	3	R. D. COLLIER	RA 03816	Artesian	17S	27E	17	4			13			13	565854	3632721	01/22/1958	01/22/1958	945	931	
RA 04114	DOM	3	J. HIRAM MOORE	RA 04114	Artesian	17S	27E	16	3	4	4	13			13	566953	3632420	11/17/1959	01/15/1960	1042	260	
RA 04153	DOM	3	J. HIRAM MOORE	RA 04153	Artesian	17S	27E	16	3	4	4	13			13	566953	3632420	02/03/1960	03/15/1960	1220	175	
RA 04320	DOM	3	C.V. BROWN	RA 04320	Artesian	17S	27E	17	3			13			13	565053	3632719	10/25/1960	11/05/1960	120	50	
RA 04554	PRO	0	LOWE DRILLING COMPANY	RA 04554	Artesian	17S	27E	23	1			13			13	569859	3631947	01/26/1962	02/20/1962	220	40	
RA 04561	PRO	0	LOWE DRILLING CO	RA 04561		17S	27E	26	2	4		13			13	570871	3630142			250		
RA 04786	DOM	3	DAVE COLLIER	RA 04786	Artesian	17S	27E	18	2	3	4	13			13	564133	3633277	02/27/1963	03/02/1963	138	111	
RA 05881	PUB	0	WOODS CONSTRUCTION CO.	RA 05881		17S	27E	18	1	1		13			13	563232	3633837					
RA 06531	DOM	0	CHARLES C. POWELL	RA 06531		17S	27E	17	4	1	4	13			13	565747	3632821			200		
RA 06560	DOM	3	TONY HALL	RA 06560	Shallow	17S	27E	20	2	1	2	13			13	565757	3632217	08/22/1979	08/24/1979	133	80	
RA 06635	DOM	3	RANGER C. KARR	RA 06635	Shallow	17S	27E	18	2	2	2	13			13	564531	3633852	04/13/1980	04/16/1980	325	60	
RA 07231	MUL	0	FERN WILSON	RA 07231		17S	27E	16	3	3	3	13			13	566353	3632422					
RA 07774	STK	3	BOGLE FARMS	RA 07774	Shallow	17S	27E	11	1	2	3	13			13	569933	3635251	12/14/1989	12/20/1989	100	50	
RA 07844	EXP	0	RIVERSIDE WATER USERS ASSOC.	RA 07844	Shallow	17S	27E	16	3	4	3	13			13	566753	3632420	08/23/1990	09/07/1990	1300	180	
RA 07844 EXPL	EXP	0	RIVERSIDE WATER USERS ASSOC.	RA 07844 EXPL	Artesian	17S	27E	16	3	4		13			13	566854	3632521	08/23/1990	09/07/1990	1300	180	
RA 07936	STK	1.54	BOGLE FARMS	RA 07936		17S	27E	11				13			13	570246	3634750					
RA 08823	DOM	3	HAMMOND PHILLIP J	RA 08823	Shallow	17S	27E	17	3	1	1	13			13	564745	3633019	06/16/1994	09/28/1994	348	60	

Record Count: 26





*New Mexico Office of the State Engineer*  
**POD Reports and Downloads**

Township: 17S    Range: 27E    Sections:  
NAD27 X:    Y:    Zone:    Search Radius:  
County:    Basin:    Number:    Suffix:  
Owner Name: (First)    (Last)    Non-Domestic    Domestic    All  
POD / Surface Data ReportAvg Depth to Water ReportWater Column Report

**AVERAGE DEPTH OF WATER REPORT 08/03/2008**

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
RA	17S	27E	05				1	30	30	30
RA	17S	27E	07				1	14	14	14
RA	17S	27E	11				1	50	50	50
RA	17S	27E	16				5	175	260	194
RA	17S	27E	17				4	50	931	283
RA	17S	27E	18				2	60	111	86
RA	17S	27E	20				1	80	80	80
RA	17S	27E	23				1	40	40	40
RA	17S	27E	32				2	100	140	120

Record Count:    18

LOG FILED

WELL RECORD

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

Section 1

(A) Owner of well Lowe Drilling Co


Street and Number \_\_\_\_\_  
City Midland State Texas  
Well was drilled under Permit No. RA 4554 and is located in the  
NW  $\frac{1}{4}$  23  $\frac{1}{4}$  of Section 23 Twp. 17 Rge. 27  
(B) Drilling Contractor Owen Haynes License No. WD 318  
Street and Number 805 Missouri  
City Artesia State New Mexico  
Drilling was commenced Jan 26 19 62  
Drilling was completed Feb 20 19 62

(Plat of 640 acres)

Elevation at top of casing in feet above sea level \_\_\_\_\_ Total depth of well 220  
State whether well is shallow or artesian shallow Depth to water upon completion 40

Section 2

PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation
	From	To		
1	190	210	20	Anyh
2				
3				
4				
5				

Section 3

RECORD OF CASING

Dia in.	Pounds ft.	Threads in	Depth		Feet	Type Shoe	Perforations	
			Top	Bottom			From	To
7"	20	10			20	None		

Section 4

RECORD OF MUDDING AND CEMENTING

Depth in Feet		Diameter Hole in in.	Tons Clay	No. Sacks of Cement	Methods Used
From	To				

Section 5

PLUGGING RECORD

Name of Plugging Contractor \_\_\_\_\_ License No. \_\_\_\_\_  
Street and Number \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_  
Tons of Clay used \_\_\_\_\_ Tons of Roughage used \_\_\_\_\_ Type of roughage \_\_\_\_\_  
Plugging method used \_\_\_\_\_ Date Plugged \_\_\_\_\_ 19 \_\_\_\_\_  
Plugging approved by: \_\_\_\_\_ Cement Plugs were placed as follows:

No.	Depth of Plug		No. of Sacks Used
	From	To	

Basin Supervisor \_\_\_\_\_  
FOR USE OF STATE ENGINEER ONLY  
Date Received \_\_\_\_\_  
1962 DEC 12 PM 2:25  
File No. RA 4554 Use WD Location No. 17.27.23.100



IMPORTANT — READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM.

# Declaration of Owner of Underground Water Right

## ROSWELL UNDERGROUND WATER BASIN

BASIN NAME

Declaration No. RA-7936 Date received July 10, 1991

### STATEMENT

- Name of Declarant Bogle Farms  
Mailing Address P.O. Drawer 460 Dexter  
County of Chaves, State of NM
- Source of water supply Shallow Water  
(artesian or shallow water aquifer)
- Describe well location under one of the following subheadings:  
a. 710' FNL 1650' FWL % of Sec. 11 Twp. 17S Rge. 27E N.M.P.M. in  
Eddy County.  
b. Tract No. \_\_\_\_\_ of Map No. \_\_\_\_\_ of the \_\_\_\_\_  
c. X = \_\_\_\_\_ feet, Y = \_\_\_\_\_ feet, N. M. Coordinate System \_\_\_\_\_ Zone \_\_\_\_\_  
in the \_\_\_\_\_ County.  
On land owned by Bogle Farms
- Description of well: date drilled 1990 driller Gary Keys depth 101 feet.  
outside diameter of casing 6" inches; original capacity 4 gal. per min.; present capacity 4 gal. per min.; pumping lift 80 feet; static water level 80 feet (above) (below) land surface;  
make and type of pump Windmill 12' Aermoter  
make, type, horsepower, etc., of power plant \_\_\_\_\_  
Fractional or percentage interest claimed in well 100%
- Quantity of water appropriated and beneficially used 1.54  
(acre feet per acre) (acre feet per season)  
for Livestock & Wildlife purposes.
- Acreage actually irrigated \_\_\_\_\_ acres; located and described as follows (describe only lands actually irrigated):

Subdivision	Sec.	Twp.	Range	Acres Irrigated	Owner

(Note: location of well and acreage actually irrigated must be shown on plat on reverse side.)

- Water was first applied to beneficial use 1990 and since that time has been used fully and continuously on all of the above described lands or for the above described purposes except as follows: \_\_\_\_\_

- Additional statements or explanations: \_\_\_\_\_

I, Stuart Bogle, being first duly sworn upon my oath, depose and say that the above is a full and complete statement prepared in accordance with the instructions on the reverse side of this form and submitted in evidence of ownership of a valid underground water right; that I have carefully read each and all of the items contained therein and that the same are true to the best of my knowledge and belief.

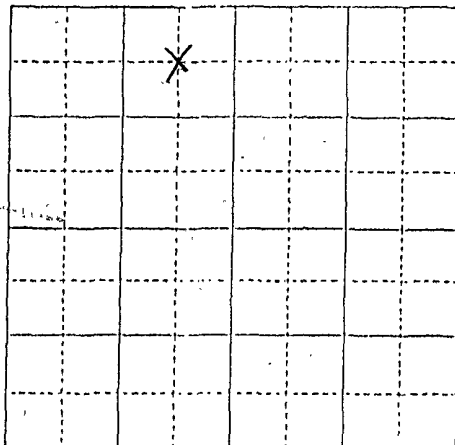
Bogle Farms

by: Stuart Bogle

Subscribed and sworn to before me this 12th day of June, A.D. 1991  
My commission expires July 11, 1991 Anita K Wagner Notary Public

Locate well and area actually irrigated as accurately as possible on wing plot:

Section (s) 11 Township 17S Range 27E N. T. T. T.



#### INSTRUCTIONS

Declaration shall be executed (preferably typewritten) in triplicate and must be accompanied by a \$1.00 filing fee. Each of triplicate copies must be properly signed and attested.

A separate declaration must be filed for each well in use.

All blanks shall be filled out fully. Required information which cannot be sworn to by declarant shall be supplied by affidavit of person or persons familiar with the facts and shall be submitted herewith.

Secs. 1-3. Complete all blanks.

Sec. 4. Fill out all blanks applicable as fully as possible.

Sec. 5. Irrigation use shall be stated in acre feet of water per acre per year applied on the land. If used for domestic, municipal, or other purposes, state total quantity in acre feet used annually.

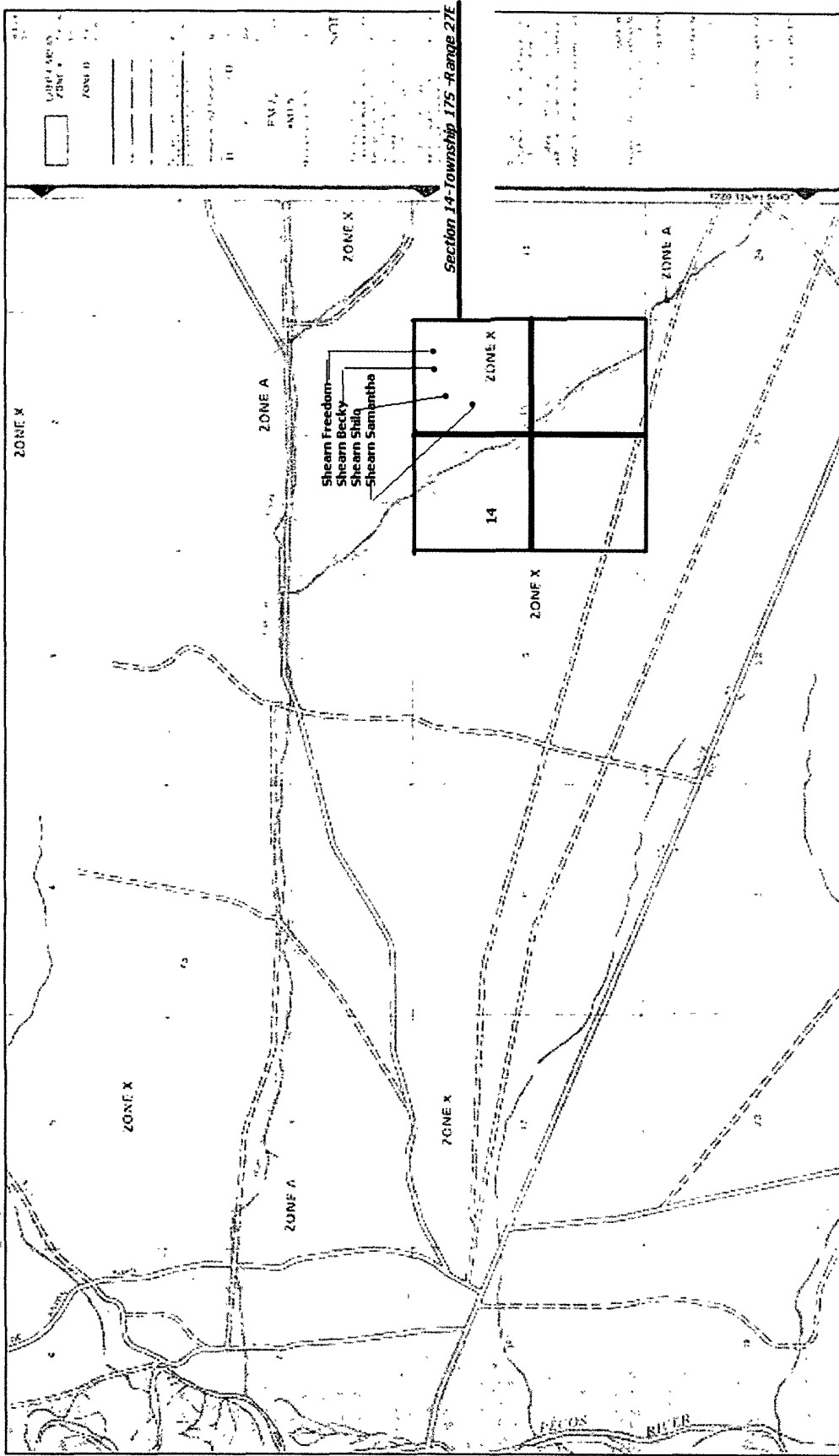
Sec. 6. Describe only the acreage actually irrigated. When necessary to clearly define irrigated acreage, describe to nearest  $2\frac{1}{2}$  acre subdivision. If located on unsurveyed lands, describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily-located natural object.

Sec. 7. Explain and give dates as nearly as possible of any years when all or part of acreage claimed was not irrigated.

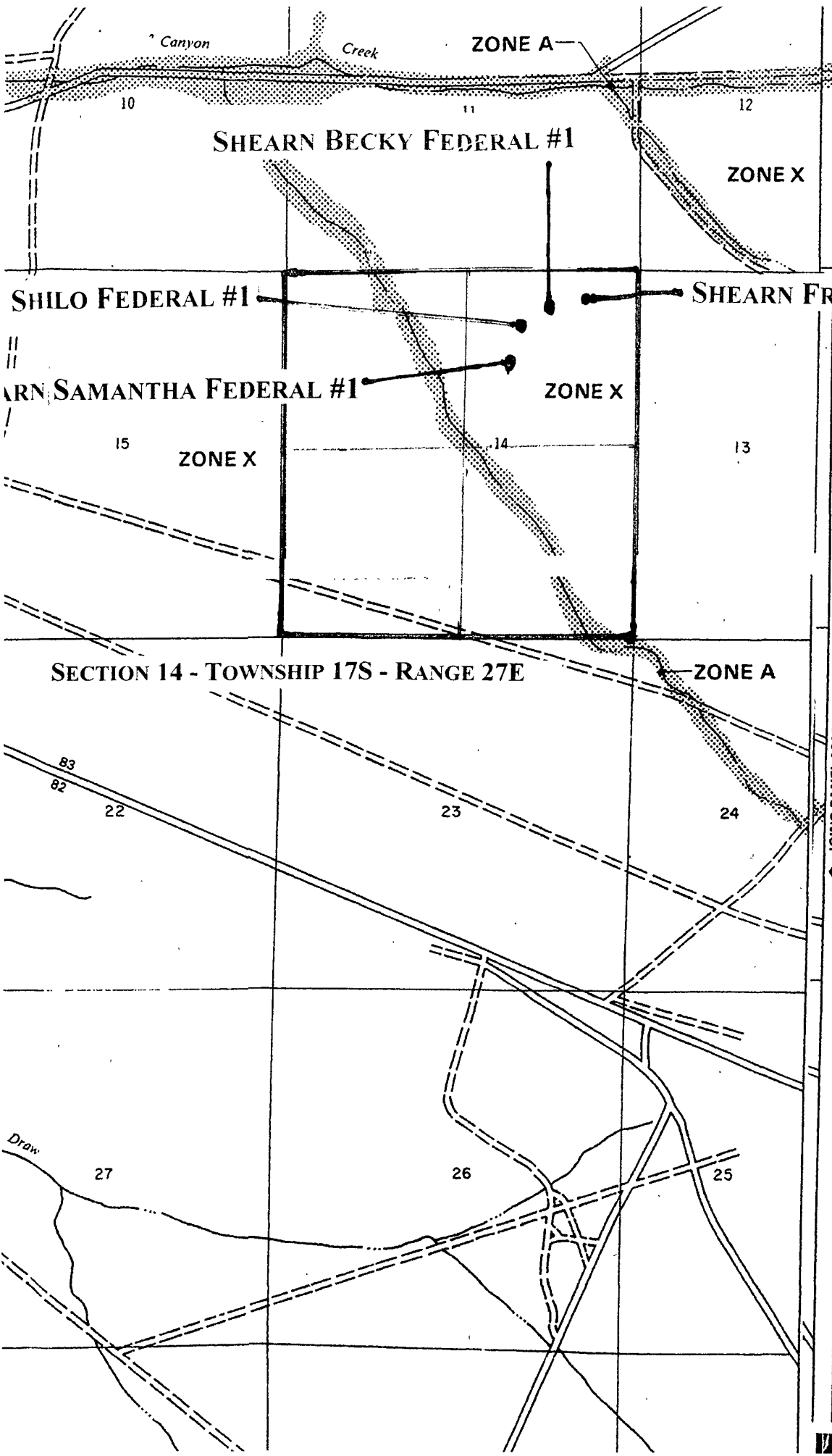
Sec. 8. If well irrigation or supplies supplemental water to any other land than that described above, or if land is also irrigated from any other source, explain under this section. Give any other data necessary to fully describe water right.

If additional space is necessary, use a separate sheet or sheets and attach securely hereto.

RECEIVED  
JAN 11 1911  
11



**FLOOD PLAN MAP - FEMA**  
**National Flood Insurance Program Map**  
**Eddy County, New Mexico**  
**Panel No.:350120-0200R -Panel 200 of 1125**  
**Effective Date: February 6, 1991**  
**[See Full Size Map Attached]**



(EL 987) Base Flood Within  
RM 7<sub>x</sub> Elevation  
•M1.5 River Mouth  
\*Referenced to the National Geodetic Vertical Datum of 1985

NOT

This map is for use in administering the Flood Insurance Rate Map. It does not necessarily identify all areas subject to flooding, or all plani Hazard Areas. The community map repository will be updated with flood hazard information prior to or construction purposes.

Developed by the National Weather Service

Areas of special flood hazard (100-year flood V, and VE).

Certain areas not in Special Flood Hazard control structures.

Boundaries of the floodways were computed between cross sections. The floodways were with regard to requirements of the Federal Emergency Management Agency.

Floodway widths in some areas may be to widths are provided in the Flood Insurance Rate Map.

Elevation reference marks are described in for adjoining map panels see separately.

MAP REPRODUCED FROM Eddy County Courthouse, Carlisbad, N. able for reference only, not for distribution.

AUG - 7 2008 INITIAL IDENTIFICATION FEBRUARY

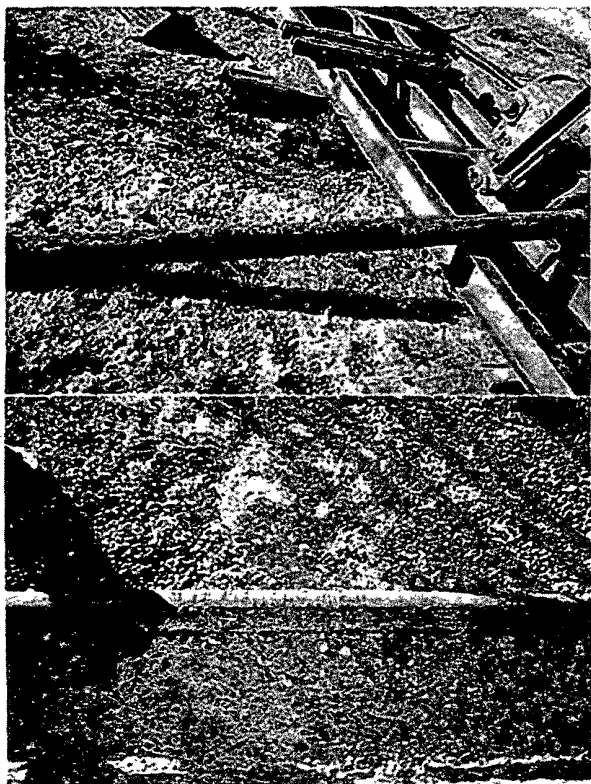
OCD-ARTESIA STANDARD BOUNDARY NOT

FLOOD INSURANCE RATE MAP  
FEBRUARY  
FLOOD INSURANCE RATE MAP

Refer to the Flood Insurance Rate Map E determine when actuarial rates apply to structures or depths have been established.  
To determine if flood insurance is available insurance agent or call the National Flood Insurance Administration.



APPROXIMATE  
0  
2000



## ABANDONMENT MARKERS PREPARED FOR WELLS TO BE PLUGGED

**SHEARN BECKY FEDERAL #1**

**SHEARN FREEDOM FEDERAL #2**

**SHEARN SAMANTHA FEDERAL #1**

**SHEARN SHILO FEDERAL #1**



*Operator shall place a steel marker at the Center of an On -Site Burial. Steel Marker shall be not less that four inches in diamter and shall be cemented in a three-foot deep hole at minimum. Steel Marker shall extend at least four-feet above mean ground level and at least three-feet below the ground. Operators Name, Lease Name, Well Number and Location, including Letter Section, Township and Range, and that marker designate an On-Site Burial location shall be welded, stamped or otherwise permanently engraved into the metal of steel marker.*

**FREEDOM VENTURES -  
C D MANAGEMENT**