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336

REPORTS

DATE:

2004

RICE Operating

SWD I-1 Remediation Project

**Rice Operating Company
122 W. Taylor
Hobbs, NM 88240
(505) 393-9174**

Introduction

Executive Summary

Exhibits

Lab Analysis Results

Excavation Workplan

Procedures

**Notes &
Correspondence**

Manifest

RICE Operating Company

122 West Taylor • Hobbs, New Mexico 88240
Phone: (505)393-9174 • Fax: (505) 397-1471

CERTIFIED MAIL

RETURN RECEIPT NO. 7002 2410 0000 4940 1596

November 5, 2004

Mr. Wayne Price
NM Energy, Minerals, and Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 S. St. Francis Drive
Santa Fe, NM 87505

Re: EME SWD I-1 Tank and Pit Closure (Partial)
Letter I, Sec. 1, T20S, R36E
Lea County, New Mexico

Dear Mr. Price:

Rice Operating Company (ROC) appreciates the consideration of the NMOCD concerning the generic closure plan revisions for the emergency overflow pits and below-grade redwood tanks. At this time ROC is submitting the Excavation Report for the Eunice Monument Eumont (EME) Salt Water Disposal Site (SWD) Well I-1, located in Unit Letter I, Section 1, T20S, R36E, Lea County, New Mexico. Since the time of remediation, in the area of the tanks and pits, the pipeline has been rerouted in preparation to resume excavation on the area to the southwest corner of the facility, which is outlined in this report.

ROC is the service provider (operator) for the EME Salt Water Disposal System and has no ownership of any portion of pipeline, well or facility. The EME System is owned by a consortium of oil producers, System Partners, who provide all operating capital on a percentage ownership/usage basis. Closure projects require System partner AFE approval and work begins as funds are received. The Closure Project AFE for the SWD I-1 Facility was approved by the System Partners and work was started in February 2002.

The final excavation of the tank side and the pit site resulted in TPH levels being slightly over 100 ppm for the backfill soil and the chloride concentrations between the 150 – 400 mg/L, (as noted in the e-mail sent Wednesday, April 09, 2003). BTEX, TPH and Chloride levels at bottoms and sides (north, east, and west) are well below the

recommended guidelines for vadose zone impact when groundwater is less than 50 feet below ground surface (BGS). Groundwater at this site is estimated to be 32' BGS.

The source of contamination has been removed (the redwood tanks and the emergency overflow pit), and the impacted soil has been remediated to slightly over 100ppm TPH, <10ppm Benzene, <50ppm BTEX on the bottom and north, east, and west walls. At 31'ft BGS Chlorides were laboratory verified to be < 20 mg/kg.

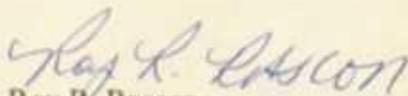
Approximately 10,000 cubic yards of soil was excavated at the site. The highly impacted soil (1,500 cubic yards) was properly disposed at a licensed facility and the remaining soil was blended and landfarmed on site. A compacted clay layer was installed at 29'BGS after clean soil from the west wall was staged 31-29' BGS prior to the clay liner. The blended and landfarmed soil was used to backfill and installed in 5' lifts, which were tested and laboratory confirmed prior to the next lift being installed. Natural attenuation will remediate the remaining TPH in the backfill soil above the clay layer.

This facility is now operating with 1-500 bbl flow-through tank and 1- 500 bbl overflow tank. The tanks are constructed of fiberglass and are erected 36" below grade level within a dike area, lined with a 30 mil polyethylene liner, which serves as a secondary containment and will protect the vadose zone for the remaining useful life of the facility.

ROC submits this excavation report for the EME SWD I-1 Facility. Trident Environmental has been contacted to evaluate the encroaching impact. Thank you for your consideration of this excavation report.

If you have any questions, please call.

RICE OPERATING COMPANY



Roy R. Rascon
Environmental Project Leader

Cc: LBG, CDH, file



October 1, 2004

Mr. Wayne Price
Environmental Bureau - New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Work Plan for EME I-1 SWD Site
T20S, R36E, SEC 1, Unit Letter I
Lea County, New Mexico

Dear Mr. Price:

Trident Environmental (Trident) has been retained by Rice Operating Company (ROC) to develop and submit this Corrective Action Plan (CAP) for further actions regarding the hydrocarbon- and chloride-impacted soils at the EME I-1 SWD facility. The purpose of this CAP is to address remaining hydrocarbon- and chloride- impacted soil southwest of the area that has already been remediated.

Site Background

This CAP succeeds assessment, excavation and backfill work by ROC that was initiated in April 2003 and completed in August 2003. On site remediation of soils continues. The upgrade work at the facility included the removal of two redwood tanks and associated equipment, excavation of saltwater and hydrocarbon-impacted soils, installation of a clay liner, backfilling with clean soil, and sampling and analysis of soil samples throughout the project. Because of the existence of an active 10-inch diameter asbestos-concrete saltwater pipeline and associated structures, excavation work did not extend beyond the southwest perimeter of the site due to safety and potential release considerations. The description and results of the remediation and assessment work completed thus far is submitted in a separate report by ROC. Recently, the 10-inch pipeline and junction box were relocated to the eastern portion of the site allowing for corrective actions to resume at the southwest portion of the site.

Line Replacement, Excavation, Soil Sampling and Reseeding Procedures

The excavation contractor will be responsible for contacting the New Mexico One Call for all line location requests. During excavation operations, subsurface soil samples will be collected and field screened on an organic vapor analyzer (OVM). Soil samples will also be field-tested for chloride concentrations using the *Soil Sampling and Testing Protocol – Chloride Titration* in accordance with procedures explained in QP-03 (Attachment A). Soil samples submitted to the laboratory shall be analyzed for gas and diesel range organics (GRO and DRO) using EPA Method 8015M to determine TPH concentrations. Samples with headspace readings or GRO levels above 100 ppm will also be analyzed for BTEX using EPA Method 8021B. Soil samples will be collected in accordance with the procedures explained in QP-06, QP-07, and QP-08 (Attachment A) and in NMOCD "Guidelines for Remediation of Leaks, Spills, and Releases" (August 13, 1993).



October 1, 2004

Mr. Wayne Price
Environmental Bureau - New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Work Plan for EME I-1 SWD Site
T20S, R36E, SEC 1, Unit Letter I
Lea County, New Mexico

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Excavated soils will be characterized as to the degree of hydrocarbon and chloride impact by field-testing representative samples as excavation progresses. The most highly impacted soils will be transported to the South Monument Surface Waste Facility L.L.C. (Permit No. NM-01-0032). Unimpacted overburden (as identified by visual observation, TPH, and chloride field-testing) and soil pushed out of the excavation sidewall area for slope control will be blended with the lesser-impacted soils and landfarmed on-site.

Upon completion of excavation activities, closure samples will be collected and analyzed for TPH and chloride concentrations. A minimum 10-12 inch thick clay liner, compacted to meet or exceed 95 percent of a Proctor Test (ASTM-D-698) with a permeability less than or equal to 10^{-7} cm/sec, will be installed at the bottom of the excavation. The backfill material will be composed of blended or remediated soil that will support vegetation. The surface will be contoured and shall be reseeded with native vegetation to eliminate any ponding of precipitation and promote evapotranspiration, thereby minimizing natural infiltration. Vegetation will be monitored for growth.

Upon completion of the above-referenced activities, a C-141 form will be submitted to the NMOCD. The C-141 form will include the following elements:

- Excavation, lining, backfilling, and reseeded procedures;
- Sample methods, laboratory analytical reports, and a summary of analytical results;
- Headspace readings (OVM) from sample screening;
- Site map showing the excavated area, sample locations, and pertinent structures;
- Cross-sectional drawing illustrating the extent of excavation, and placement of backfill, clay liner, and topsoil;
- Volume of excavated soil in cubic yards;
- Manifests (load tickets) of disposed soil
- Photographs of work related activities.

Upon approval of this CAP, notice will be provided to the NMOCD at least one week prior to initiation of corrective actions described in this plan. We appreciate the opportunity to work with you on this project. Please feel free to call me at 432-682-0808, or Carolyn Haynes or Kristin Farris at 505-393-9174, if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Gilbert J. Van Deventer".

Gilbert J. Van Deventer, REM, PG, NMCS
Project Manager

cc: Carolyn Haynes, ROC (Hobbs, NM)

ATTACHMENTS

ATTACHMENT A

PROCEDURE FOR OBTAINING SOIL SAMPLES
FOR TRANSPORTATION TO A LABORATORY (QP-02)

SAMPLING AND TESTING PROTOCOL FOR CHLORIDE TITRATION (QP-03)

COMPOSITE SAMPLING OF EXCAVATION SIDEWALLS AND BOTTOMS (QP-06)

Rice Operating Company

Quality Procedure

**Procedure for Obtaining
Soil Samples for Transportation to a Laboratory**

1.0 Purpose

This procedure outlines the methods to be employed when obtaining soil samples to be taken to a laboratory for analysis.

2.0 Scope

This procedure is to be used when collecting soil samples intended for ultimate transfer to a testing laboratory.

3.0 Preliminary

3.1 Obtain sterile sampling containers from the testing laboratory designated to conduct analyses of the soil. The shipment should include a Certificate of Compliance from the manufacturer of the collection bottle or vial and a Serial Number for the lot of containers. Retain this Certificate for future documentation purposes.

3.2 If collecting TPH, BTEX, RCRA 8 metals, cation /anions or O&G, the sample jar may be a clear 4 oz. container with Teflon lid. If collecting PAH's, use an amber 4 oz. container.

4.0 Chain of Custody

4.1 Prepare a Sample Plan. The plan will list the number, location and designation of each planned sample and the individual tests to be performed on the sample. The sampler will check the list against the available inventory of appropriate sample collection bottles to insure against shortage.

4.2 Transfer the data to the Laboratory Chain of Custody Form. Complete all sections of the form except those that relate to the time of delivery of the samples to the laboratory.

4.3 Pre-label the sample collection jars. Include all requested information except time of collection. (Use a fine point Sharpie to insure that the ink remains on the label.) Affix the labels to the jars.

5.0 Sampling Procedure

- 5.1 Do not touch the soil with your bare hands. Use new latex gloves with each sample to help minimize any cross-contamination.
- 5.2 Go to the sampling point with the sample container. If not analyzing for ions or metals, use a trowel to obtain the soil.
- 5.3 Pack the soil tightly into the container leaving the top slightly domed. Screw the lid down tightly. Enter the time of collection onto the sample collection jar label.
- 5.4 Place the sample directly on ice for transport to the laboratory if required.
- 5.5 Complete the Chain of Custody form to include the collection times for each sample. Deliver all samples to the laboratory.

6.0 Documentation

- 6.1 The testing laboratory shall provide the following minimum information:
 - a. Project and sample name.
 - b. Signed copy of the original Chain of Custody Form including the time the sample was received by the lab.
 - c. Results of the requested analyses
 - d. Test Methods employed
 - e. Quality Control methods and results

Rice Operating Company

QUALITY PROCEDURE

Sampling and Testing Protocol
Chloride Titration Using .282 Normal
Silver Nitrate Solution

1.0 Purpose

This procedure is to be used to determine the concentration of chloride in soil.

2.0 Scope

This procedure is to be used as the standard field measurement for soil chloride concentrations.

3.0 Sample Collection and Preparation

3.1 Collect at least 80 grams of soil from the sample collection point. Take care to insure that the sample is representative of the general background to include visible concentrations of hydrocarbons and soil types. If necessary, prepare a composite sample for soils obtained at several points in the sample area. Take care to insure that no loose vegetation, rocks or liquids are included in the sample(s).

3.2 The soil sample(s) shall be immediately inserted into a one-quart or larger polyethylene freezer bag. Care should be taken to insure that no cross-contamination occurs between the soil sample and the collection tools or sample processing equipment.

3.3 The sealed sample bag should be massaged to break up any clods.

4.0 Sample Preparation

4.1 Tare a clean glass vial having a minimum 40 ml capacity. Add at least 10 grams of the soil sample and record the weight.

4.2 Add at least 10 grams of reverse osmosis water to the soil sample and shake for 20 seconds.

4.3 Allow the sample to set for a period of 5 minutes or until the separation of soil and water.

4.4 Carefully pour the free liquid extract from the sample through a paper filter into a clean plastic cup if necessary.

5.0 Titration Procedure

- 5.1 Using a graduated pipette, remove 10 ml extract and dispense into a clean plastic cup.
- 5.2 Add 2-3 drops potassium chromate (K_2CrO_4) to mixture.
- 5.3 If the sample contains any sulfides (hydrogen or iron sulfides are common to oilfield soil samples) add 2-3 drops of hydrogen peroxide (H_2O_2) to mixture.
- 5.4 Using a 1 ml pipette, carefully add .282 normal silver nitrate (one drop at a time) to the sample while constantly agitating it. Stop adding silver nitrate when the solution begins to change from yellow to red. Be consistent with endpoint recognition.
- 5.5 Record the ml of silver nitrate used.

6.0 Calculation

To obtain the chloride concentration, insert measured data into the following formula:

$$\frac{.282 \times 35.450 \times \text{ml AgNO}_3}{\text{ml water extract}} \times \frac{\text{grams of water in mixture}}{\text{grams of soil in mixture}}$$

Using Step 5.0, determine the chloride concentration of the RO water used to mix with the soil sample. Record this concentration and subtract it from the formula results to find the net chloride in the soil sample.

Record all results on the delineation form.

Rice Operating Company

Quality Procedure Composite Sampling of Excavation Sidewalls and Bottoms For TPH and Chloride Analysis

1.0 Purpose

This procedure outlines the methods to be employed when obtaining final composite soil samples for TPH and Chloride analysis.

2.0 Scope

This procedure is to be used in conjunction with *Quality Procedure – 02: Soil Samples for Transportation to a Laboratory* and will be inserted at subparagraph 5.2 of Section 5.0: Sampling Procedure.

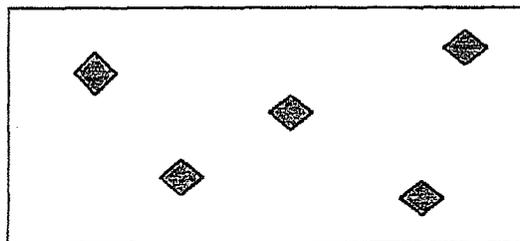
3.0 Sampling Procedure

Follow *Quality Procedure – 02: Soil Samples for Transportation to a Laboratory* for all Sections and subparagraphs until subparagraph 5.2 of Section 5.0: Sampling Procedure. Instead of 5.2 instructions, perform the composite sample collection procedure as follows:

3.1 Go to the excavation with a clean large blending bowl or new plastic baggie. If not analyzing for ions or metals, use a trowel to obtain the soil. If the excavation is deeper than 6' BGS, do not enter the pit, but use a backhoe to assist in procurement of the sample. (If a backhoe is used, the backhoe will obtain an amount of soil from each composite point, bring the purchase to the surface staging area where a sample-portion of soil will be extracted from the backhoe purchase. The remainder of the backhoe purchase will be staged on the surface with other staged soils.)

3.2 Sidewall samples

3.2.1 On each sidewall, procure a 5oz sample from each of five distinct points on the sidewall with distinct points resembling the "W" pattern:



- 3.2.2 Thoroughly blend these five samples in the blending bowl.
- 3.2.3 Pour blended sample into sifter and sift into labeled baggie.
- 3.2.4 Repeat steps 3.2.1 through 3.2.4 for each remaining sidewall, using a clean blending bowl for each sidewall.
- 3.2.5 From each labeled baggie, procure a 5 oz portion and pour into a baggie labeled "Sidewall Composite". Blend this soil mixture completely.
- 3.2.6 Obtain proper laboratory sample container for "Sidewall Composite" and continue with subparagraph 5.3 of QP - 02.

3.3 Bottom Sample

- 3.3.1 From bottom of excavation, procure a 5oz sample from each of five distinct points with distinct points resembling the "W" pattern as illustrated above.
- 3.3.2 Thoroughly blend these five samples in a clean blending bowl.
- 3.2.3 Pour blended sample into sifter and sift into baggie labeled "Bottom Composite".
- 3.2.6 Obtain proper laboratory sample container for "Bottom Composite" and continue with subparagraph 5.3 of QP - 02.

RICE Operating Company

122 West Taylor • Hobbs, New Mexico 88240
Phone: (505)393-9174 • Fax: (505) 397-1471

CERTIFIED MAIL

RETURN RECEIPT NO. 7001 2510 0007 2763 5251

April 4, 2002

Mr. Wayne Price
NM Energy, Minerals, and Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 S. St. Francis Drive
Santa Fe, NM 87505

RECEIVED
JUN 27 2002
Environmental Bureau
Oil Conservation Division

RE: REDWOOD TANK REPLACEMENT/CLOSURE PLAN FOR EUNICE
MONUMENT EUMONT (EME) SWD FACILITY I-1
Unit Letter I, Sec. 1, T20S, R36E
Lea County, New Mexico

Mr. Price:

Rice Operating Company (ROC) takes this opportunity to submit the replacement/closure plan for the below-grade redwood tanks and emergency overflow pit at the Eunice Monument Eumont (EME) Salt Water Disposal Well I-1, located in Unit I, Sec. 1, T20S, R36E, Lea County, NM. This facility is located on land owned by the State of New Mexico.

ROC is the service provider (operator) for the EME Salt Water Disposal System and has no ownership of any portion of the pipeline, well or facility. The EME System is owned by a consortium of oil producers, System Partners, who provide all operating capital on a percentage ownership/usage basis. Closure projects of this magnitude require System Partner AFE approval and work begins as funds are received.

The Project AFE for the SWD I-1 Facility has been approved by the System Partners and work is ready to begin now.

The EME SWD I-1 facility is included in the ROC generic closure plan for emergency pits and below-grade redwood tanks and is the tenth ROC-operated facility to apply under the generic plan. The EME SWD System will replace the below-grade redwood tank with above-ground, fiberglass tanks (including an emergency overflow tank) set with secondary containment (poly-liner). The emergency overflow pit site will be remediated in conjunction with tank site. ROC expects to close the tank and overflow pit areas pursuant to NMOCDC guidelines and the ROC generic work plan for below-grade redwood tanks and emergency overflow pits. The enclosed C-103 form addresses this

intention and defines the site-specific assessment for OCD guidelines. Supporting documentation is also enclosed.

A permanent tank system will be installed at this site. The below-grade redwood tanks will be dismantled and removed. The tank materials will be properly disposed at an approved oilfield waste facility and documentation will be included in the Final Closure Report.

ROC will schedule all major events with a 48-hour advance notice to the NMOCD. The Final Closure Report will follow at the end of the project.

Thank you for your consideration of this below-grade redwood tank and emergency overflow pit closure plan.

RICE OPERATING COMPANY



Donnie Anderson
Project Leader-Environmental

Enclosures

Cc: CDH, file,

Mr. Chris Williams
NMOCD, District 1 Office
1625 N. French Drive
Hobbs, NM 88240

Mr. Leon Anderson
NM State Land Office
3830 N. Grimes
Hobbs, NM 88240

Submit 3 Copies To Appropriate District Office

District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
1220 S. St. Francis Drive
Santa Fe, NM 87505

WELL API NO. 30-025-04150
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Eunice Monument-Eumont (EME)
8. Well No. I-1
9. Pool name or Wildcat SAN ANDRES
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3560' GL; 3577' DF

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well Gas Well Other SWD Well

2. Name of Operator
RICE OPERATING COMPANY

3. Address of Operator
122 W. TAYLOR, HOBBS, NM 88240

4. Well Location
Unit Letter I : 2310 feet from the SOUTH line and 530 feet from the EAST line
Section 1 Township 20S Range 36E NMPM LEA County

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST / CEMENT JOB <input type="checkbox"/>	
OTHER: Redwood Tank and Overflow Pit Closure <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Proposed work according to NMOCD approved generic closure plan for below-grade redwood tanks and emergency overflow pits:

Install fiberglass tanks within secondary containment and reroute lines to new tanks. Delineate site for contamination, remove redwood tanks and clean-up pit and tank locations pursuant to NMOCD guidelines. Work to begin late in May, 2002. All major events including boring, sampling events, will be coordinated to allow 48 hrs notice to NMOCD.

Information from the USGS groundwater database estimated depth to ground water at <50' and indicate closest water well to be in Unit Letter "J" of Sec. 1, T20S, R36E which is more than 1000' from the facility at SWD Well I-1. Topographic maps show no indication of surface water bodies within 1000' of the I-1 facility. A site review indicated no water sources within 1000' of I-1.

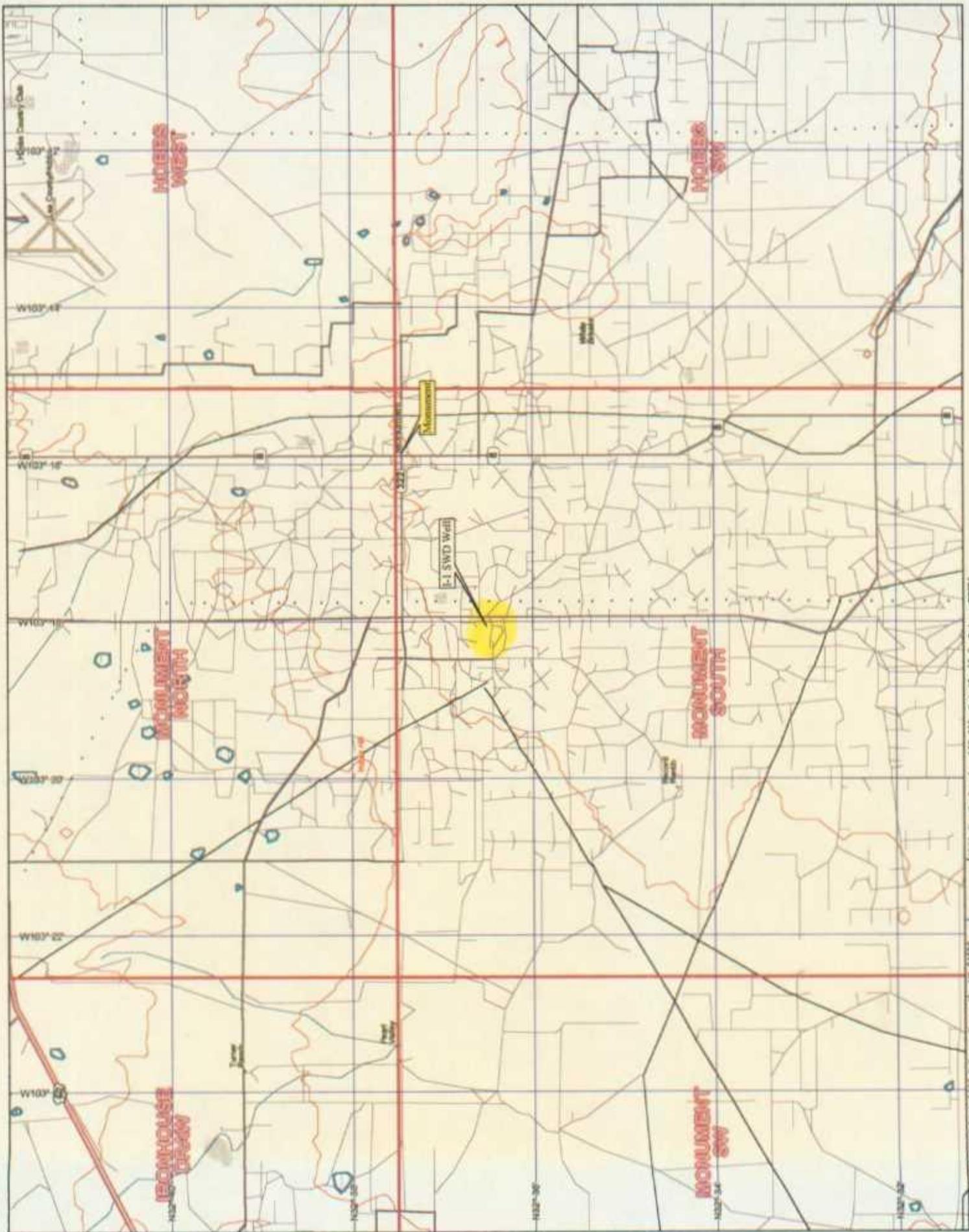
Depth to Groundwater: <50' = 20; Water source within 1000' = 0; No surface water body within 1000' = 0
Site Assessment = 20

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Donnie Anderson TITLE Project Leader-Environmental DATE 04/04/02

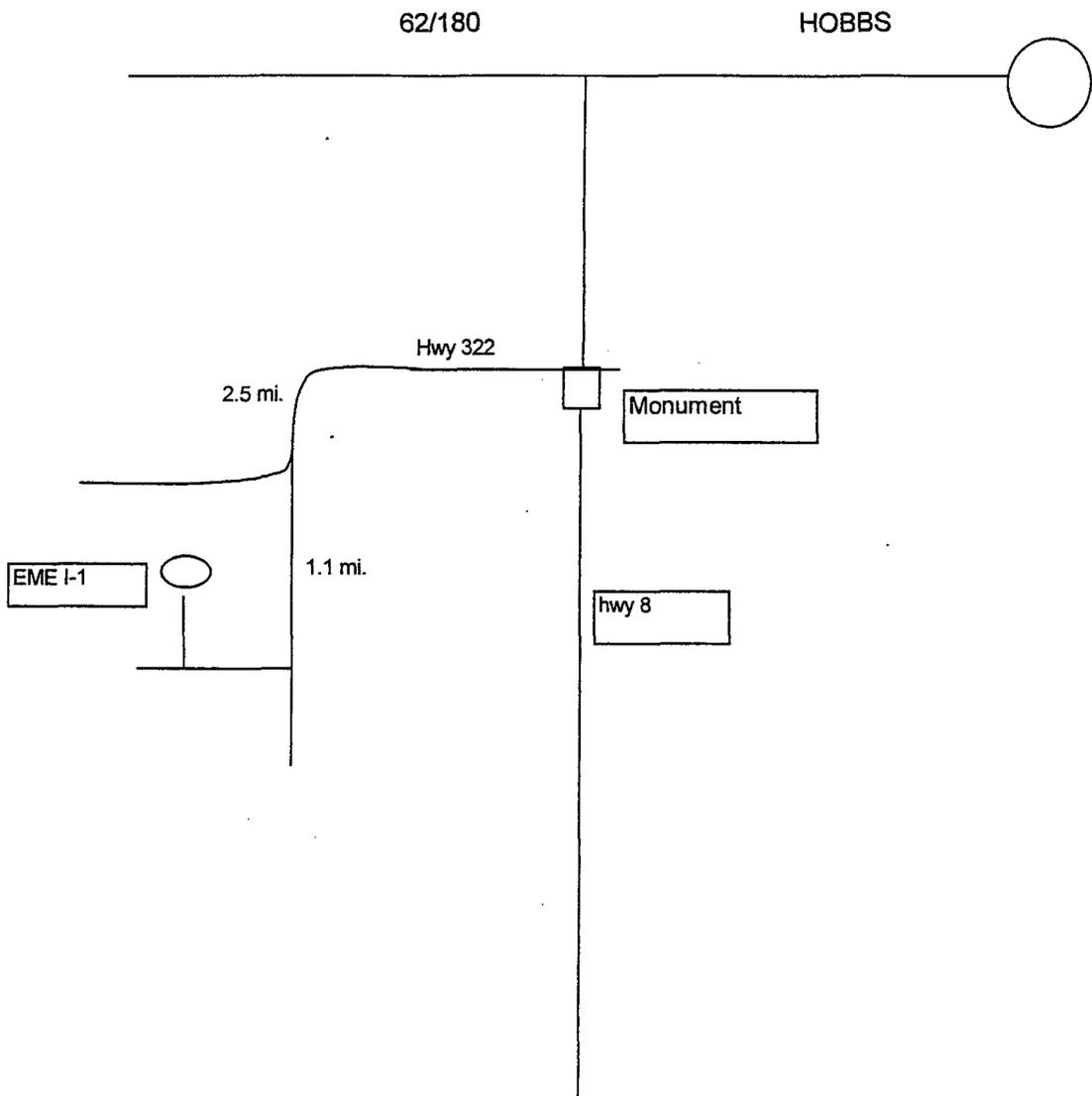
Type or print name Donnie Anderson Telephone No. 505-393-9174
(This space for State use)

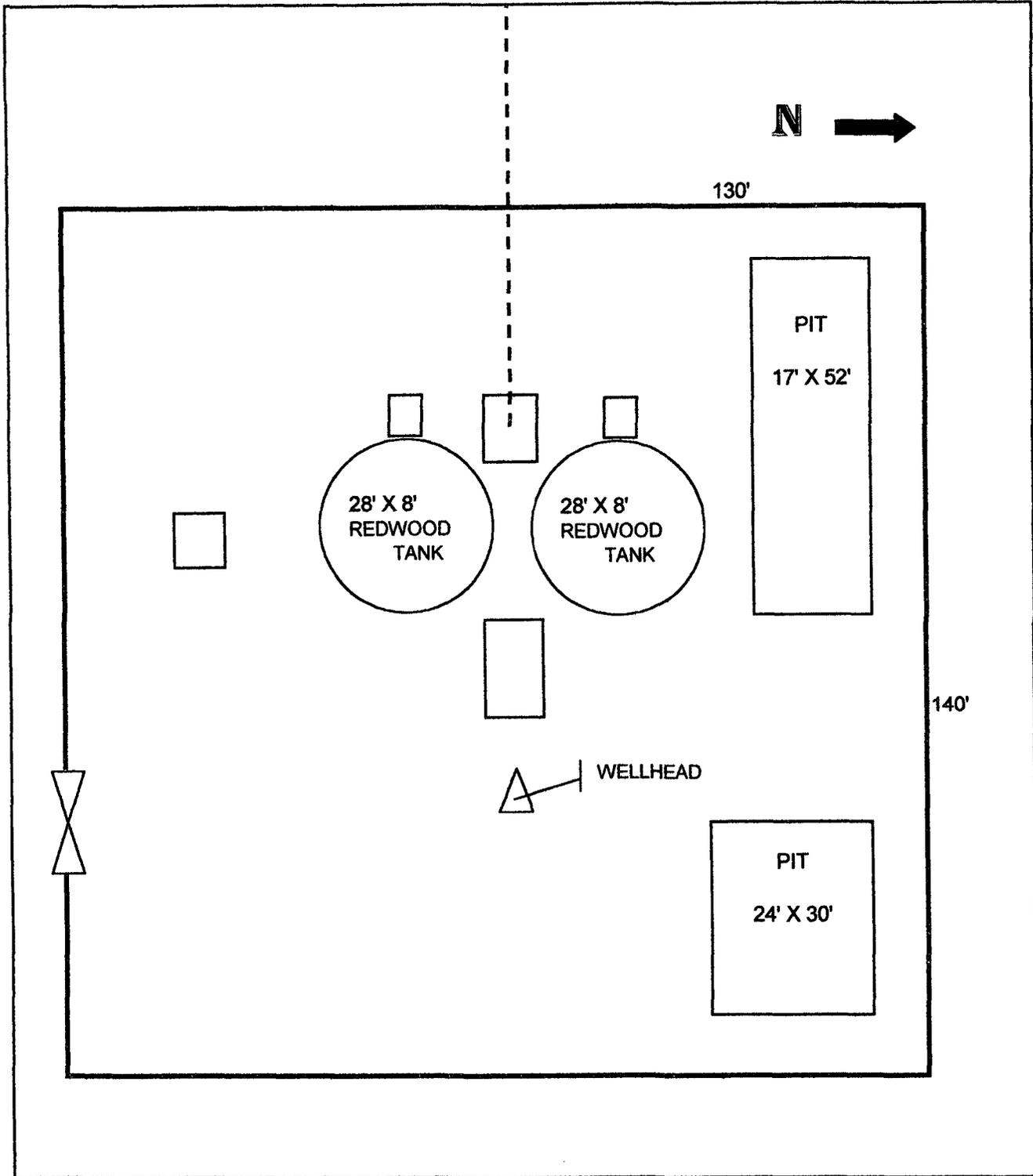
APPROVED BY _____ TITLE _____ DATE _____



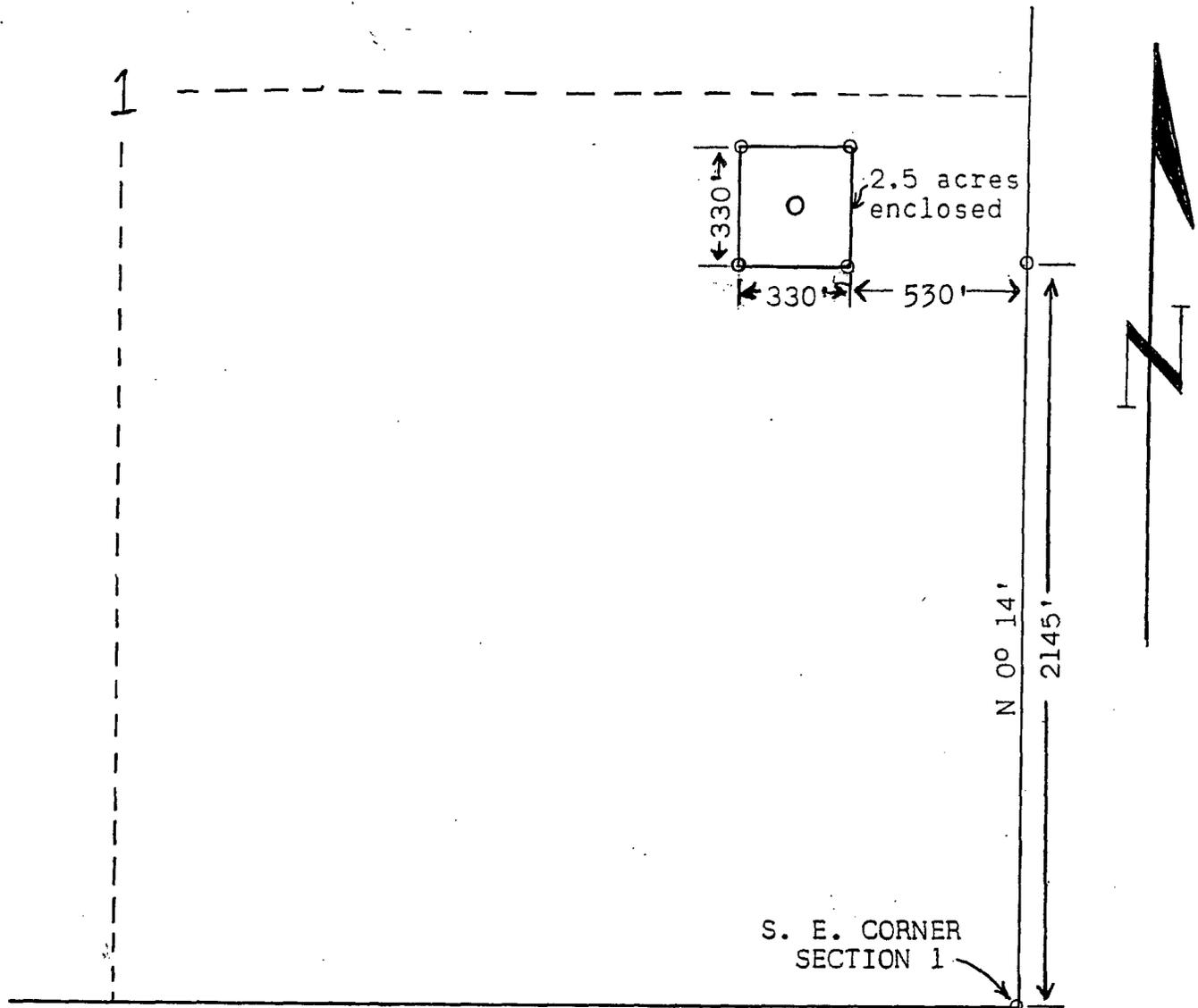
System: EME
Well: I-1
Legals: 1-20S-36E

From the junction of Hwy 322 and Hwy 8 in Monument go west and south on Hwy 322 for 2.5 miles. Turn left and go 1.1 miles south on calachie rd. Turn right and go 1/10 mile west. Turn right and go 1/10 mile north to location.





<p>Rice Operating Company 122 W. Taylor Hobbs, NM 88240 505-393-9174</p>	<p>SITE MAP 04/02/2002</p>	<p>I-1 SWD Facility EME SWD System Unit I, Sec. 1, T20S, R36E Lea County, NM</p>
------------------------------------------------------------------------------------------------------------------------	------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------



SECTION 1, T-20-S, R-36-E

All that certain parcel or tract of land in the NE $\frac{1}{4}$ SE $\frac{1}{4}$, of Section 1, Township 20 South, Range 36 East, Lea County, New Mexico.

Beginning at a point 2145 feet N 0° 14' E. and 530 feet West of the Southeast corner of Section 1, which is the Southeast corner of this tract; thence North 330 feet to a point, the Northeast corner of this tract; thence West 330 feet to a point, the Northwest corner of this tract; thence South 330 feet to a point, the Southwest corner of this tract; thence East 330 feet to the place of beginning, said tract contains 2 $\frac{1}{2}$ acres, more or less.

DWN			BUSINESS LEASE NO. 480 E-M-E SWD Well No. I-1	SCALE 1" = 500'
			Rice Engineering & Operating, Inc. Hobbs, New Mexico	DWG NO.

RICE *Operating Company*

122 West Taylor • Hobbs, New Mexico 88240
Phone: (505)393-9174 • Fax: (505) 397-1471

SITE PROFILE

Location

The Eunice Monument Eumont (EME) SWD Facility I-1 is situated approximately 2 miles west and 1 mile south of Monument, NM. A map of the area is included in this report.

Site History

The site is used as a flow-through collection and injection facility for salt-water disposal of the EME Salt Water Disposal System. The facility used two 28' diameter below-grade redwood tanks as flow-through collection vessels. There are two emergency overflow pits at this site. The SWD Well I-1 is located at this site. A map of the facility is included in this report.

A new fiberglass tank facility will be installed at the I-1 facility in an area where the vadose zone has been adequately remediated. Then the two below-grade redwood tanks will be removed and properly disposed and the emergency pit areas delineated. A 30-mil polyethylene liner will provide secondary containment for the two 21.5' diameter flow-through fiberglass tanks. A 21.5' diameter fiberglass overflow tank will also be set to provide for extra containment. This upgrade is scheduled to start in May 2002.

Land Use

This facility is on State land. The 2.5 acre disposal facility site lease agreement with the State of New Mexico has been in effect since 2000 and will continue until 2002. The primary use of this land is oil and gas production. The topography is unremarkable.

Distance to Surface and Ground Water

There are no domestic water wells within 200' of the facility. The vertical distance to groundwater at this site is estimated to be 33' bgs. EOTT has an environmental remediation site located northeast of this facility with 7 monitor wells. The closest monitor well is located 500' northeast of the I-1 facility.

NEW MEXICO STATE LAND OFFICE

SALT WATER DISPOSAL EASEMENT

SALT WATER DISPOSAL

EASEMENT NO. **SWD-062**

THIS AGREEMENT, dated this 28th day of June, 2000, made and entered into between the State of New Mexico, acting by and through the undersigned, its Commissioner of Public Lands, hereinafter called the grantor, and Rice Operating Co., of 122 W. Taylor, Hobbs, New Mexico 88240, hereinafter called the grantee,

WITNESSETH:

That, whereas, the said grantee has filed in the Land Office an application for salt water disposal easement and has tendered the sum of \$500.00, together with the sum of \$30.00 application fee;

NOW, THEREFORE, in consideration of the foregoing tender, receipt of which is acknowledged, and the covenants herein, grantor does grant to the grantee a salt water disposal easement for the sole and only purpose of underground disposal of salt water produced in connection with oil and gas operations, together with the right to make such reasonable use of the land as may be necessary to dispose of said salt water. Said easement shall cover the following described lands:

<u>INSTITUTION</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>SUBDIVISION</u>	<u>ACRES</u>
C.S.	01	20S	36E	Portion Within NE $\frac{1}{4}$ SE $\frac{1}{4}$	2.50

TO HAVE AND TO HOLD said lands and privileges hereunder for a term of Two years from the date first above written, subject to all terms and conditions hereinafter set forth:

1. Grantee shall pay the grantor the sum of \$500.00 annually, in advance.

2. With the consent of the grantor and payment of a fee of \$30.00, the grantee may surrender or relinquish this salt water disposal easement to the grantor; provided, however, that this surrender clause shall become absolutely inoperative immediately and concurrently with the filing of any suit in any court or law or equity by the grantor or grantee or any assignee to enforce any of the terms of this salt water disposal easement.

3. The grantee, with the prior written consent of the grantor, may assign his salt water disposal easement in whole only. Upon approval of the assignment, in writing, by the grantor, the grantee shall stand relieved from all obligations to the grantor with respect to the lands embraced in the assignment, and the grantor shall likewise be relieved from all obligations to the assignor as to such tracts, and the assignee shall succeed to all of the rights and privileges of the assignor with respect to such tracts and shall be held to have assumed all of the duties and obligations of the assignor to the grantor as to such tracts.

4. The grantor may cancel this salt water disposal easement for non-payment of annual consideration or for violation of any of the terms and covenants hereof; provided, however, that before any such cancellation shall be made, the grantor must mail to the grantee or assignee, by registered mail, addressed to the post office address of such grantee or assignee, shown by the records, a thirty-day notice of intention to cancel said salt water disposal easement, specifying the default for which the salt water disposal easement is

subject to cancellation. No proof of receipt of notice shall be necessary and thirty days after such mailing, the grantor may enter cancellation unless the grantee shall have sooner remedied the default.

5. The grantee shall furnish copies of records and such reports and plats of his operations, including any and all data relating to geological formations as the grantor may reasonably deem necessary to his administration of the lands.

6. Grantee may make or place such improvements and equipment upon the land as may reasonably be necessary to dispose of salt water, and upon termination of this salt water disposal easement for any reason, grantee may remove such improvements and equipment as can be removed without material injury to the premises; provided, however, that all sums due the grantor have been paid and that such removal is accomplished within one year of the termination date or before such earlier date as the grantor may set upon thirty days written notice to the grantee. All improvements and equipment remaining upon the premises after the removal date, as set in accordance with this paragraph, shall be forfeited to the grantor without compensation. All pipelines constructed hereunder shall be buried below plow depth.

7. This salt water disposal easement is made subject to all the provisions and requirements applicable thereto which are to be found in various acts of the legislature of New Mexico and the rules of the Commissioner of Public Lands of the State of New Mexico, the same as though they were fully set forth herein, and said laws and rules, so far as applicable to this salt water disposal easement, are to be taken as a part hereof.

8. All the obligations, covenants, agreements, rights and privileges of this salt water disposal easement shall extend to and be binding and inure to the benefit of the lawful and recognized assigns or successors in interest of the parties hereto.

9. Grantee shall post with grantor a bond or undertaking in an amount required by grantor in favor of the owner of improvements lawfully located upon the lands herein to secure payment of damage, if any, done to such improvements by reason of grantee's operations.

10. Payment of all sums due hereunder shall be made at the office of the Commissioner of Public Lands, 310 Old Santa Fe Trail, P. O. Box 1148, Santa Fe, New Mexico 87504-1148.

11. Grantee, including his heirs, assigns, agents, and contractors shall at their own expense fully comply with all laws, regulations, rules, ordinances, and requirements of the city, county, state, federal authorities and agencies, in all matters and things affecting the premises and operations thereon which may be enacted or promulgated under the governmental police powers pertaining to public health and welfare, including but not limited to conservation, sanitation, aesthetics, pollution, cultural properties, fire, and ecology. Such agencies are not to be deemed third party beneficiaries hereunder; however, this clause is enforceable by the grantor as herein provided or as otherwise permitted by law.

12. Grantee shall save and hold harmless, indemnify and defend the State of New Mexico, the Commissioner of Public Lands, and his agent or agents, in their official and individual capacities, of and from any and all liability claims, losses, or damages arising out of or alleged to arise out of or indirectly connected with the operations of grantee hereunder, off or on the herein above described lands, or the presence on said lands of any agent, contractor or sub-contractor of grantee.

AFFIRMATION OF GEOLOGIC, ENGINEERING & HYDROLOGIC INVESTIGATION: I hereby affirm that the available geologic and engineering data have been examined and no evidence has been found of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

IN WITNESS WHEREOF, the State of New Mexico has hereunto signed and caused its name to be signed by its Commissioner of Public Lands, thereunto duly authorized with the seal of his office affixed, and the grantee has signed this agreement to be effective the day and year above written.

STATE OF NEW MEXICO

BY: Ray Powell **Zilla Porter Padilla**
Director
RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: Loy B. Goodheart
GRANTEE

(PERSONAL ACKNOWLEDGMENT)

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 19____, by _____.

(ACKNOWLEDGMENT BY ATTORNEY-IN-FACT)

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 19____, as attorney-in-fact on behalf of _____.

(ACKNOWLEDGMENT BY CORPORATION)

STATE OF New Mexico)
) ss.
COUNTY OF Lea)

The foregoing instrument was acknowledged before me this 11th day of April, ~~19~~2000, by Loy B. Goodheart, President
(NAME) (TITLE)
of Rice Operating Company
(CORPORATION)

My Commission Expires: Feb. 16, 2002 Notary Public: John J. [Signature]

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
J. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Permit No. H-66
(For Division Use Only)

APPLICATION FOR EXCEPTION TO DIVISION ORDER R-8952
FOR PROTECTION OF MIGRATORY BIRDS Rule 8(b), Rule 105(b), Rule 312(h), Rule 313, or Rule 711(I)

Operator Name: Rice Engineering Corporation

Operator Address: 122 W. Taylor, Hobbs, New Mexico 88240

Lease or Facility Name E-M-E SWD System Well I-1 Location I 1 20S 36E
Ut. Ltr. Sec. Twp. Rge

Size of pit or tank: 50'x23'x8' deep, approx. 1600 bbls.

Operator requests exception from the requirement to screen, net or cover the pit or tank at the above-described facility.

The pit or tank is not hazardous to migratory waterfowl. Describe completely the reason pit is non-hazardous.

The pit is used only in emergencies such as major well remedial work.

Normally kept empty.

1) If any oil or hydrocarbons should reach this facility give method and time required for removal:

Method: Vacuum truck

Time: Within 24 hrs. of discovery

2) If any oil or hydrocarbons reach the above-described facility the operator is required to notify the appropriate District Office of the OCD with 24 hours.

Operator proposes the following alternate protective measures:

CERTIFICATION BY OPERATOR: I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature S. A. Haktanir Title Division Manager Date July 25, 1990

Printed Name S. A. Haktanir Telephone No. 393-9174

FOR OIL CONSERVATION DIVISION USE

Date Facility Inspected 8/7/90

Inspected by Ed W. [Signature]

Approved by _____

Title _____

Date Aug 1, 1990

District I - (505) 393-6161
P.O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Benzon Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Originated 6/27/97

Submit Original
Plus 1 Copy
to Santa Fe

PIT INVENTORY FORM

Operator: RICE OPERATING COMPANY

Address: 122 WEST TAYLOR

HOBBS, NEW MEXICO 88240

Phone Number: (505) 393-9174

Previous Operator(s): None

Is the pit permitted: Yes No

Unit Letter: I Section: 1 Township: 20S 22S Range: 36E 37E

County: Lea County

I-1 (CDH 3-22-99)

Location Name: Eunice-Monument-Eumont Salt Water Disposal Well #20

Number of wells to the pit: system terminal tanks (varies)

Are the wells to the pit operated by one operator or multiple operators

Total daily volume (in barrels) to the pit: 2,500

Pit Type: 2-below ground redwood terminal tanks

(Emergency Production, Workover, Reserve/Drilling (greater than 6 months old), Flare, Blowdown, Separator, Dehydrator, Line Drip, BS&W/Tank Bottoms, Compressor Piping, Washdowns, or other)

What types of wastes are accepted in the pit (Exempt, Non-exempt, Both, None): Exempt (production water)

Pit age (years): 35

Is the pit lined or unlined

Type of liner (None, Synthetic, Clay): Redwood tank resting on concrete pad

Is leak detection present: Yes No Observation boxes around tanks

Is the pit netted: Yes No Covered with redwood top

Pit dimensions (LxWxD): two-28'DiaX8'Ht

CERTIFICATION

I hereby certify that the information submitted is true and correct to the best of my knowledge and belief.

Name: Roger Hall Title: Operations Engineer

Signature: Roger Hall Date: 10/30/97

District I - (505) 393-6161
P. O. Box 1900
Hobbs, NM 88241-1900
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Benzon Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Originated 6/27/97

Submit Original
Plus 1 Copy
to Santa Fe

PIT INVENTORY FORM

Operator: RICE OPERATING COMPANY

Address: 122 WEST TAYLOR
HOBBS, NEW MEXICO 88240

Phone Number: (505) 393-9174

Previous Operator(s): None

Is the pit permitted: Yes No

Unit Letter: I Section: 1 Township: 20S Range: 36E

County: Lea County

Location Name: EME Salt Water Disposal System Well I-1

Number of wells to the pit: 1

Are the wells to the pit operated by one operator or multiple operators

Total daily volume (in barrels) to the pit: None

Pit Type: Emergency

(Emergency, Production, Workover, Reserve/Drilling (greater than 6 months old), Flare, Blowdown, Separator, Dehydrator, Line Drip, BS&W/Tank Bottoms, Compressor Piggings, Washdown, or other)

What types of wastes are accepted in the pit (Exempt, Non-exempt, Both, None): Exempt (production water)

Pit age (years): 35

Is the pit lined or unlined

Type of liner (None, Synthetic, Clay): None

Is leak detection present: Yes No

Is the pit netted: Yes No

Pit dimensions (LxWxD): 50'X23'X8'

CERTIFICATION

I hereby certify that the information submitted is true and correct to the best of my knowledge and belief.

Name: Roger Hall Title: Operations Engineer

Signature: Roger Hall Date: 10/28/97

A pit is defined as any below grade or surface feature which receives any materials other than fresh water.

● RICE Operating Company ●

122 West Taylor • Hobbs, New Mexico 88240
Phone: (505)393-9174 • Fax: (505) 397-1471

CERTIFIED MAIL
RETURN RECEIPT NO. Z 577 009 529

February 23, 2000

Mr. Wayne Price
NM Energy, Minerals and Natural Resources Department
Oil Conservation Division, Environmental Bureau
2040 S. Pacheco
Santa Fe, NM 87505

Re: Revision: Generic Closure Plan for Existing Pits and Below-Grade Redwood Tanks

Mr. Price:

As discussed in our telephone conversation February 22, Rice Operating Company (ROC) is submitting a further revision of the generic work plan for closing redwood tanks and emergency overflow pits that are presently inventoried in the ROC-operated SWD systems in Lea County. (ROC has no ownership of pipelines, wells, or facilities. Each system is owned by a consortium of oil producers, System Partners, who provide operating capital based on percent ownership or usage. Closure projects require AFE approval and work begins as funds are received.)

The revisions ROC proposes involve the on-site disposal of non-impacted concrete when practical and the use of a compacted clay layer rather than poly-liner for lining excavations. Also proposed is a revision to the closure procedure, adding an OCD verbal approval step in order for ROC to timely continue with installation of new surface facilities.

Closure reports for two locations, F-29 (two-year sampling of groundwater) and H-35 (closed), have been processed with the OCD. The P-25 location closure report has been submitted. Locations C-2 and L-21 are in remediation activity right now and Donna Williams has visited both sites. The C-2 site excavation will be managed with RE Environmental and the L-21 site will be managed with Whole Earth. ROC expects to be able to schedule final sampling for early March at both sites. The AFE has been approved for two additional sites in the Eunice-Monument-Eumont area with work start-up planned for early summer.

Thank you for your consideration of these revisions. If you have any questions, please call.



Carolyn Doran Haynes
Operations Engineer

Cc KH; file; Ms. Donna Williams, OCD District I, Hobbs, NM

Closure Plan for Below Grade Redwood Tank

1. Submit C-103 form to NMOCD along with the site-specific location, site assessment, work plan, time schedule, sampling and testing plan, etc., all pursuant to NMOCD guidelines.
2. Procure soil samples from 3' below bottom of tanks (9-11' below grade) at tank sides.
 - A. If soil samples are < 100ppm TPH and < 250ppm Chlorides, proceed to Step 4.
 - B. If soil samples are > 100ppm THP or > 250ppm Chlorides, proceed to Step 3.
3. Delineate any portion of tank site that is > 100ppm TPH or > 250ppm Chlorides with a backhoe or soil boring machine, obtaining samples for field and lab analysis at 5' intervals.
 - A. When field analysis of bored-sample determines < 100ppm TPH and < 250ppm Cl, boring will be suspended pending laboratory analysis confirmation. Proceed to Step 4.
 - B. If these parameter levels are not identified, then boring and sampling will continue to ground water. Upon reaching groundwater, the borehole will be cased and developed. Ground water samples will be procured and tested for major cations and anions, TDS and BETX levels. If ground water is found to exceed the WQCC standards, NMOCD will be notified immediately and the closure plan will move into Rule 19 procedures.
4. Write AFE to System Partners as directed by results of delineation of redwood tank site and of emergency pit (if both are at facility). Await approval and funding for site closing.
5. Move onto SWD facility site with temporary tank system. Re-route fluid flow from below grade redwood tanks into the temporary tank system. Plumb to SWD well.
6. Empty and clean redwood tanks, properly disposing of any BS & W. Excavate sides of redwood tanks to allow for working space to manipulate tank support banding. Remove redwood tanks reserving boards for proper disposal.
7. Excavate ramp into redwood tank hole. Remove and properly dispose of concrete base if impacted. If concrete is not impacted, use as fill (below plow depth) in excavation area.
8. Remove impacted soil (as practical) to eliminate hot spots; dispose per NMOCD guidelines.
9. Procure random 5-point composite bottom sample from 3' below tank bottom and random 4-point composite side sample for lab TPH, Benzene, and BTEX testing.
 - A. If < 100ppm TPH; BTEX, Benzene < 10ppm; < 250ppm Chlorides; proceed to Step 11.
 - B. If > 100ppm TPH; BTEX, Benzene > 10ppm; > 250ppm Chlorides; in the vadose zone but not reaching groundwater, proceed to Step 10.
10. Evaluate site for risk assessment: delineate to assess depth and horizontal extent of impact corresponding to NMOCD guidelines for site assessment value; excavate bottom and sides as practical to minimize risk; install compacted clay liner to meet or exceed 95% of a Proctor Test ASTM-D-698 with permeability (hydraulic conductivity) equal or less than 1×10^{-7} cm/sec for containment/isolation of impact.
11. Discuss results/risk assessment with NMOCD for verbal approval to proceed with backfill/installation of new tanks and plumbing within engineered secondary containment system.
12. Apply to NMOCD for closure of redwood tank site per NMOCD guidelines and site results.

Closure Plan for Permitted Emergency Pits

1. Submit C-103 form to NMOCD along with the site-specific location, site assessment, work plan, time schedule, sampling and testing plan, etc., all pursuant to NMOCD guidelines.
2. Remove and properly dispose of visibly contaminated soil pursuant to NMOCD guidelines.
3. Procure soil samples from surface and 3' below excavation bottom and excavation sides.
 - A. If soil samples are < 100ppm TPH and < 250ppm Chlorides, proceed to Step 6.
 - B. If soil samples are > 100ppm THP or > 250ppm Chlorides, proceed to Step 4.
4. Delineate any portion of excavation that is > 100ppm TPH or > 250ppm Chlorides with a backhoe or soil boring machine, obtaining samples for field and lab analysis at 5' intervals.
 - A. When field analysis of bored-sample determines < 100ppm TPH and < 250ppm Cl, boring will be suspended pending laboratory analysis confirmation. Proceed to Step 5.
 - B. If these parameter levels are not identified, then boring and sampling will continue to ground water. Upon reaching groundwater, the borehole will be cased and developed. Ground water samples will be procured and tested for major cations and anions, TDS and BTEX levels. If ground water is found to exceed the WQCC standards, NMOCD will be notified immediately and the closure plan will move into Rule 19 procedures.
5. Write AFE to System Partners as directed by results of delineation of redwood tank site and of emergency pit (if both are at facility). Await approval and funding for site closing
6. Remove impacted soil (as practical) to eliminate hot spots; dispose per NMOCD guidelines.
7. Procure random 5-point composite bottom sample and random 4-point composite side sample for laboratory TPH, Benzene, and BTEX testing.
 - A. If <100ppm TPH; BTEX, Benzene <10ppm; <250ppm Chlorides; proceed to Step 9.
 - B. If >100ppm TPH; BTEX, Benzene >10ppm; >250ppm Chlorides; in the vadose zone but not reaching groundwater, proceed to Step 8.
8. Evaluate site for risk assessment: delineate to assess depth and horizontal extent of impact corresponding to NMOCD guidelines for site assessment value; excavate bottom and sides as practical to minimize risk; install compacted clay liner to meet or exceed 95% of a Proctor Test ASTM-D-698 with permeability (hydraulic conductivity) equal or less than 1×10^{-7} cm/sec for containment/isolation of impact.
9. Discuss results/risk assessment with NMOCD for verbal approval to proceed with backfill.
10. Apply to NMOCD for closure of permitted emergency pit site per NMOCD guidelines and site results.

Excavated soils will be characterized as to the degree of hydrocarbon and chloride impact by field-testing representative samples as excavation progresses. The most highly impacted soils will be transported to the South Monument Surface Waste Facility L.L.C. (Permit No. NM-01-0032). Unimpacted overburden (as identified by visual observation, TPH, and chloride field-testing) and soil pushed out of the excavation sidewall area for slope control will be blended with the lesser-impacted soils and landfarmed on-site.

Upon completion of excavation activities, closure samples will be collected and analyzed for TPH and chloride concentrations. A minimum 10-12 inch thick clay liner, compacted to meet or exceed 95 percent of a Proctor Test (ASTM-D-698) with a permeability less than or equal to 10^{-7} cm/sec, will be installed at the bottom of the excavation. The backfill material will be composed of blended or remediated soil that will support vegetation. The surface will be contoured and shall be reseeded with native vegetation to eliminate any ponding of precipitation and promote evapotranspiration, thereby minimizing natural infiltration. Vegetation will be monitored for growth.

Upon completion of the above-referenced activities, a C-141 form will be submitted to the NMOCD. The C-141 form will include the following elements:

- Excavation, lining, backfilling, and reseeded procedures;
- Sample methods, laboratory analytical reports, and a summary of analytical results;
- Headspace readings (OVM) from sample screening;
- Site map showing the excavated area, sample locations, and pertinent structures;
- Cross-sectional drawing illustrating the extent of excavation, and placement of backfill, clay liner, and topsoil;
- Volume of excavated soil in cubic yards;
- Manifests (load tickets) of disposed soil
- Photographs of work related activities.

Upon approval of this CAP, notice will be provided to the NMOCD at least one week prior to initiation of corrective actions described in this plan. We appreciate the opportunity to work with you on this project. Please feel free to call me at 432-682-0808, or Carolyn Haynes or Kristin Farris at 505-393-9174, if you have any questions.

Sincerely,



Gilbert J. Van Deventer, REM, PG, NMCS
Project Manager

cc: Carolyn Haynes, ROC (Hobbs, NM)

ATTACHMENTS

ATTACHMENT A

PROCEDURE FOR OBTAINING SOIL SAMPLES
FOR TRANSPORTATION TO A LABORATORY (QP-02)

SAMPLING AND TESTING PROTOCOL FOR CHLORIDE TITRATION (QP-03)

COMPOSITE SAMPLING OF EXCAVATION SIDEWALLS AND BOTTOMS (QP-06)

Rice Operating Company

Quality Procedure

**Procedure for Obtaining
Soil Samples for Transportation to a Laboratory**

1.0 Purpose

This procedure outlines the methods to be employed when obtaining soil samples to be taken to a laboratory for analysis.

2.0 Scope

This procedure is to be used when collecting soil samples intended for ultimate transfer to a testing laboratory.

3.0 Preliminary

3.1 Obtain sterile sampling containers from the testing laboratory designated to conduct analyses of the soil. The shipment should include a Certificate of Compliance from the manufacturer of the collection bottle or vial and a Serial Number for the lot of containers. Retain this Certificate for future documentation purposes.

3.2 If collecting TPH, BTEX, RCRA 8 metals, cation /anions or O&G, the sample jar may be a clear 4 oz. container with Teflon lid. If collecting PAH's, use an amber 4 oz. container.

4.0 Chain of Custody

4.1 Prepare a Sample Plan. The plan will list the number, location and designation of each planned sample and the individual tests to be performed on the sample. The sampler will check the list against the available inventory of appropriate sample collection bottles to insure against shortage.

4.2 Transfer the data to the Laboratory Chain of Custody Form. Complete all sections of the form except those that relate to the time of delivery of the samples to the laboratory.

4.3 Pre-label the sample collection jars. Include all requested information except time of collection. (Use a fine point Sharpie to insure that the ink remains on the label.) Affix the labels to the jars.

5.0 Sampling Procedure

- 5.1. Do not touch the soil with your bare hands. Use new latex gloves with each sample to help minimize any cross-contamination.
- 5.2. Go to the sampling point with the sample container. If not analyzing for ions or metals, use a trowel to obtain the soil.
- 5.3. Pack the soil tightly into the container leaving the top slightly domed. Screw the lid down tightly. Enter the time of collection onto the sample collection jar label.
- 5.4. Place the sample directly on ice for transport to the laboratory if required.
- 5.5. Complete the Chain of Custody form to include the collection times for each sample. Deliver all samples to the laboratory.

6.0 Documentation

- 6.1 The testing laboratory shall provide the following minimum information:
 - a. Project and sample name.
 - b. Signed copy of the original Chain of Custody Form including the time the sample was received by the lab.
 - c. Results of the requested analyses
 - d. Test Methods employed
 - e. Quality Control methods and results

Rice Operating Company

QUALITY PROCEDURE

Sampling and Testing Protocol
Chloride Titration Using .282 Normal
Silver Nitrate Solution

1.0 Purpose

This procedure is to be used to determine the concentration of chloride in soil.

2.0 Scope

This procedure is to be used as the standard field measurement for soil chloride concentrations.

3.0 Sample Collection and Preparation

3.1 Collect at least 80 grams of soil from the sample collection point. Take care to insure that the sample is representative of the general background to include visible concentrations of hydrocarbons and soil types. If necessary, prepare a composite sample for soils obtained at several points in the sample area. Take care to insure that no loose vegetation, rocks or liquids are included in the sample(s).

3.2 The soil sample(s) shall be immediately inserted into a one-quart or larger polyethylene freezer bag. Care should be taken to insure that no cross-contamination occurs between the soil sample and the collection tools or sample processing equipment.

3.3 The sealed sample bag should be massaged to break up any clods.

4.0 Sample Preparation

4.1 Tare a clean glass vial having a minimum 40 ml capacity. Add at least 10 grams of the soil sample and record the weight.

4.2 Add at least 10 grams of reverse osmosis water to the soil sample and shake for 20 seconds.

4.3 Allow the sample to set for a period of 5 minutes or until the separation of soil and water.

4.4 Carefully pour the free liquid extract from the sample through a paper filter into a clean plastic cup if necessary.

5.0 Titration Procedure

- 5.1 Using a graduated pipette, remove 10 ml extract and dispense into a clean plastic cup.
- 5.2 Add 2-3 drops potassium chromate (K_2CrO_4) to mixture.
- 5.3 If the sample contains any sulfides (hydrogen or iron sulfides are common to oilfield soil samples) add 2-3 drops of hydrogen peroxide (H_2O_2) to mixture.
- 5.4 Using a 1 ml pipette, carefully add .282 normal silver nitrate (one drop at a time) to the sample while constantly agitating it. Stop adding silver nitrate when the solution begins to change from yellow to red. Be consistent with endpoint recognition.
- 5.5 Record the ml of silver nitrate used.

6.0 Calculation

To obtain the chloride concentration, insert measured data into the following formula:

$$\frac{.282 \times 35,450 \times \text{ml AgNO}_3}{\text{ml water extract}} \times \frac{\text{grams of water in mixture}}{\text{grams of soil in mixture}}$$

Using Step 5.0, determine the chloride concentration of the RO water used to mix with the soil sample. Record this concentration and subtract it from the formula results to find the net chloride in the soil sample.

Record all results on the delineation form.

Rice Operating Company

Quality Procedure Composite Sampling of Excavation Sidewalls and Bottoms For TPH and Chloride Analysis

1.0 Purpose

This procedure outlines the methods to be employed when obtaining final composite soil samples for TPH and Chloride analysis.

2.0 Scope

This procedure is to be used in conjunction with *Quality Procedure – 02: Soil Samples for Transportation to a Laboratory* and will be inserted at subparagraph 5.2 of Section 5.0: Sampling Procedure.

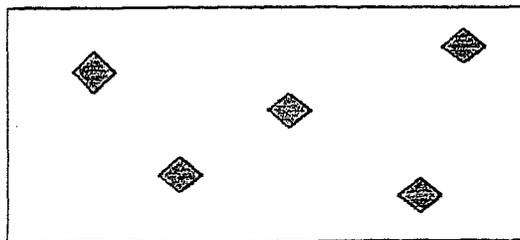
3.0 Sampling Procedure

Follow *Quality Procedure – 02: Soil Samples for Transportation to a Laboratory* for all Sections and subparagraphs until subparagraph 5.2 of Section 5.0: Sampling Procedure. Instead of 5.2 instructions, perform the composite sample collection procedure as follows:

3.1 Go to the excavation with a clean large blending bowl or new plastic baggie. If not analyzing for ions or metals, use a trowel to obtain the soil. If the excavation is deeper than 6' BGS, do not enter the pit, but use a backhoe to assist in procurement of the sample. (If a backhoe is used, the backhoe will obtain an amount of soil from each composite point, bring the purchase to the surface staging area where a sample-portion of soil will be extracted from the backhoe purchase. The remainder of the backhoe purchase will be staged on the surface with other staged soils.)

3.2 Sidewall samples

3.2.1 On each sidewall, procure a 5oz sample from each of five distinct points on the sidewall with distinct points resembling the "W" pattern:



- 3.2.2 Thoroughly blend these five samples in the blending bowl.
- 3.2.3 Pour blended sample into sifter and sift into labeled baggie.
- 3.2.4 Repeat steps 3.2.1 through 3.2.4 for each remaining sidewall, using a clean blending bowl for each sidewall.
- 3.2.5 From each labeled baggie, procure a 5 oz portion and pour into a baggie labeled "Sidewall Composite". Blend this soil mixture completely.
- 3.2.6 Obtain proper laboratory sample container for "Sidewall Composite" and continue with subparagraph 5.3 of QP - 02.

3.3 Bottom Sample

- 3.3.1 From bottom of excavation, procure a 5oz sample from each of five distinct points with distinct points resembling the "W" pattern as illustrated above.
- 3.3.2 Thoroughly blend these five samples in a clean blending bowl.
- 3.2.3 Pour blended sample into sifter and sift into baggie labeled "Bottom Composite".
- 3.2.6 Obtain proper laboratory sample container for "Bottom Composite" and continue with subparagraph 5.3 of QP - 02.

RICE *Operating Company*

122 West Taylor • Hobbs, NM 88240
Phone: (505) 393-9174 • Fax: (505) 397-1471

Executive Summary

EME SWD Facility I-1

Redwood Tank and Emergency Overflow Pit Closure

Location

The Eunice Monument Eumont (EME) SWD Facility I-1 is situated approximately 1.5 miles south and 3 miles west of Monument, NM. The legal description of the site is Unit Letter I, Sec. 1, T20S, R36E. A map of the area is included in this report along with driving directions.

Site History

The site is used as a flow-through collection and injection facility for salt-water disposal of the EME Salt Water Disposal System. The facility used two 28 feet diameter below-grade redwood tanks as flow-through collection vessels that were replaced with two above ground 500 barrel fiberglass tanks. The emergency overflow pit, NM Permit No. H-66 has been eliminated. The facility overflow returns to the System pipeline and gravity flows to the M-5 SWD Facility.

A map and photos of the I-1 SWD Facility are included in this report.

Land use

This facility is located on State Land. The 2.5-acre disposal facility site has been in use since 1959 and the current lease agreement has been in effect since 2000. There is a copy of the renewed lease agreement included in this report.

The primary use of this land is oil and gas production. Mr. Red Byrd of Monument, NM, the current lessee of the land, utilizes the surface for grazing cattle.

Distance to Surface and Ground Water

There are no domestic water wells within 200 feet of the facility. There are no windmills, water pumps or surface waters within 1000' of the facility. The vertical distance to groundwater at this site is estimated to be 30-40 feet BGS.

Redwood Tank and Emergency Overflow Pit Closure

On April 4, 2002, Rice Operating Company (ROC) submitted a closure plan for this facility. The plan was included within the ROC generic closure plan for redwood tanks and emergency overflow pits. Work began with installation of a new tank facility and removal of the redwood tanks. The overflow pit site was delineated for impact and found to have only minor impact to 10 feet BGS. The tank area appeared to have impact to 20 feet BGS.

The redwood tank cement bases were removed, cleaned of impact and then buried 7-8 feet deep, east of the new facility.

The determination of vertical extent of contamination was undertaken by excavation. The excavation reached a depth of 31 feet BGS. A copy of the excavation workplan accompanies this report.

It was discovered during the excavation that TPH impact was encroaching upon the site from the west and from the north. The NMOCD Environmental Bureau Chief was notified of possible groundwater impact. An illustration of this situation is included in this report.

Approximately 10,000 cubic yards of soil was excavated, detailed by the exhibits of this report. 1500 cubic yards of highly contaminated soil (in excess of 10,000 ppm TPH) was staged and transported to the South Monument Surface Facility (Permit No. NM 01-0032). Copies of manifests are included. The remaining soils were blended on-site. Field tests indicated these soils were sufficiently remediated to use as backfill above the clay layer.

Below the clay layer, a 18-24 inch thick pad of clean, non-impacted soil was installed. The 12 inch thick clay layer (204 cubic yards) was installed at 30-29 feet BGS. It was compacted and tested. Using the blended and remediated soils, backfill was conducted in 5 feet lifts, with each lift field tested for Chlorides and TPH and laboratory confirmed for TPH, Chlorides and BTEX.

The clay layer will protect groundwater from an influential infiltration of residual chlorides in the backfill soil. The TPH remaining in the backfill soil will naturally attenuate.

Trident Environmental of Midland, TX has been contracted to investigate and evaluate the off-site encroachment of TPH impact.

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 101 W. Grand Ave., Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised June 10, 2003

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-04150
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other SWD WELL		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator RICE OPERATING COMPANY		6. State Oil & Gas Lease No.
3. Address of Operator 122 W. TAYLOR, HOBBS, NM 88240		7. Lease Name or Unit Agreement Name EUNICE MONUMENT EUMONT (EME)
4. Well Location Unit Letter <u>I</u> : <u>2310</u> feet from the <u>SOUTH</u> line and <u>530</u> feet from the <u>EAST</u> line Section <u>1</u> Township <u>20S</u> Range <u>36E</u> NMPM LEA County		8. Well Number I-1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3525' GL; 3537 KB		9. OGRID Number
10. Pool name or Wildcat SAN ANDRES		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input checked="" type="checkbox"/> OVERFLOW PIT and REDWOOD TANKS CLOSURE	
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

New fiberglass tank facility installed within secondary containment as well as new pipeline to and from facility. Excavation to 31' BGS, remediation of salt and TPH impacted soils conducted under the approved generic closure plan for redwood tanks and emergency overflow pits, as reported in the Excavation Report. Excavation discovered possible impacted groundwater due to TPH encroachment from an off-site source. Potential impact to groundwater was reported to the OCD Environmental Bureau Chief. The project to investigate the off-site source will be conducted under the management of Trident Environmental – after the work-plan approval.

Depth to groundwater is <50' ft. No water source or surface water body within 1000'.

NMOCD Site Assessment Score = 20.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Carolyn Doran Haynes TITLE Engineering Manager DATE 11/01/04

Type or print name Carolyn Doran Haynes E-mail address: chdriceswd@leaco.net Telephone No. (505) 393-9174
 (This space for State use)

APPROVED BY _____ TITLE _____ DATE _____
 Conditions of approval, if any:

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 87240
 District II
 811 South First, Artesia, NM 87210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised March 25, 1999

OIL CONSERVATION DIVISION
 1220 S. St. Francis Drive
 Santa Fe, NM 87505

WELL API NO. 30-025-04150
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Eunice Monument-Eumont (EME)
8. Well No. I-1
9. Pool name or Wildcat SAN ANDRES

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
 Oil Well Gas Well Other SWD Well

2. Name of Operator
 RICE OPERATING COMPANY

3. Address of Operator
 122 W. TAYLOR, HOBBS, NM 88240

4. Well Location
 Unit Letter I : 2310 feet from the SOUTH line and 530 feet from the EAST line
 Section 1 Township 20S Range 36E NMPM LEA County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
 3560' GL; 3577' DF

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST / CEMENT JOB <input type="checkbox"/>	
OTHER: Redwood Tank and Overflow Pit Closure <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Proposed work according to NMOCD approved generic closure plan for below-grade redwood tanks and emergency overflow pits:
 Install fiberglass tanks within secondary containment and reroute lines to new tanks. Delineate site for contamination, remove redwood tanks and clean-up pit and tank locations pursuant to NMOCD guidelines. Work to begin late in May, 2002. All major events including boring, sampling events, will be coordinated to allow 48 hrs notice to NMOCD.

Information from the USGS groundwater database estimated depth to ground water at <50' and indicate closest water well to be in Unit Letter "J" of Sec. 1, T20S, R36E which is more than 1000' from the facility at SWD Well I-1. Topographic maps show no indication of surface water bodies within 1000' of the I-1 facility. A site review indicated no water sources within 1000' of I-1.

Depth to Groundwater: <50' = 20; Water source within 1000' = 0; No surface water body within 1000' = 0
 Site Assessment = 20

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Donnie Anderson TITLE Project Leader-Environmental DATE 04/04/02

Type or print name Donnie Anderson Telephone No. 505-393-9174
 (This space for State use)

APPROVED BY _____ TITLE _____ DATE _____

NEW MEXICO STATE LAND OFFICE

SALT WATER DISPOSAL EASEMENT

SALT WATER DISPOSAL
EASEMENT NO. **SWD-062**

THIS AGREEMENT, dated this 28th day of June, 2000, made and entered into between the State of New Mexico, acting by and through the undersigned, its Commissioner of Public Lands, hereinafter called the grantor, and Rice Operating Co., of 122 W. Taylor, Hobbs, New Mexico 88240, hereinafter called the grantee,

WITNESSETH:

That, whereas, the said grantee has filed in the Land Office an application for salt water disposal easement and has tendered the sum of \$500.00, together with the sum of \$30.00 application fee;

NOW, THEREFORE, in consideration of the foregoing tender, receipt of which is acknowledged, and the covenants herein, grantor does grant to the grantee a salt water disposal easement for the sole and only purpose of underground disposal of salt water produced in connection with oil and gas operations, together with the right to make such reasonable use of the land as may be necessary to dispose of said salt water. Said easement shall cover the following described lands:

<u>INSTITUTION</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>SUBDIVISION</u>	<u>ACRES</u>
C.S.	01	20S	36E	Portion Within NE&SE	2.50

TO HAVE AND TO HOLD said lands and privileges hereunder for a term of Two years from the date first above written, subject to all terms and conditions hereinafter set forth:

1. Grantee shall pay the grantor the sum of \$500.00 annually, in advance.

2. With the consent of the grantor and payment of a fee of \$30.00, the grantee may surrender or relinquish this salt water disposal easement to the grantor; provided, however, that this surrender clause shall become absolutely inoperative immediately and concurrently with the filing of any suit in any court or law or equity by the grantor or grantee or any assignee to enforce any of the terms of this salt water disposal easement.

3. The grantee, with the prior written consent of the grantor, may assign his salt water disposal easement in whole only. Upon approval of the assignment, in writing, by the grantor, the grantee shall stand relieved from all obligations to the grantor with respect to the lands embraced in the assignment, and the grantor shall likewise be relieved from all obligations to the assignor as to such tracts, and the assignee shall succeed to all of the rights and privileges of the assignor with respect to such tracts and shall be held to have assumed all of the duties and obligations of the assignor to the grantor as to such tracts.

4. The grantor may cancel this salt water disposal easement for non-payment of annual consideration or for violation of any of the terms and covenants hereof; provided, however, that before any such cancellation shall be made, the grantor must mail to the grantee or assignee, by registered mail, addressed to the post office address of such grantee or assignee, shown by the records, a thirty-day notice of intention to cancel said salt water disposal easement, specifying the default for which the salt water disposal easement is

subject to cancellation. No proof of receipt of notice shall be necessary and thirty days after such mailing, the grantor may enter cancellation unless the grantee shall have sooner remedied the default.

5. The grantee shall furnish copies of records and such reports and plats of his operations, including any and all data relating to geological formations as the grantor may reasonably deem necessary to his administration of the lands.

6. Grantee may make or place such improvements and equipment upon the land as may reasonably be necessary to dispose of salt water, and upon termination of this salt water disposal easement for any reason, grantee may remove such improvements and equipment as can be removed without material injury to the premises; provided, however, that all sums due the grantor have been paid and that such removal is accomplished within one year of the termination date or before such earlier date as the grantor may set upon thirty days written notice to the grantee. All improvements and equipment remaining upon the premises after the removal date, as set in accordance with this paragraph, shall be forfeited to the grantor without compensation. All pipelines constructed hereunder shall be buried below plow depth.

7. This salt water disposal easement is made subject to all the provisions and requirements applicable thereto which are to be found in various acts of the legislature of New Mexico and the rules of the Commissioner of Public Lands of the State of New Mexico, the same as though they were fully set forth herein, and said laws and rules, so far as applicable to this salt water disposal easement, are to be taken as a part hereof.

8. All the obligations, covenants, agreements, rights and privileges of this salt water disposal easement shall extend to and be binding and inure to the benefit of the lawful and recognized assigns or successors in interest of the parties hereto.

9. Grantee shall post with grantor a bond or undertaking in an amount required by grantor in favor of the owner of improvements lawfully located upon the lands herein to secure payment of damage, if any, done to such improvements by reason of grantee's operations.

10. Payment of all sums due hereunder shall be made at the office of the Commissioner of Public Lands, 310 Old Santa Fe Trail, P. O. Box 1148, Santa Fe, New Mexico 87504-1148.

11. Grantee, including his heirs, assigns, agents, and contractors shall at their own expense fully comply with all laws, regulations, rules, ordinances, and requirements of the city, county, state, federal authorities and agencies, in all matters and things affecting the premises and operations thereon which may be enacted or promulgated under the governmental police powers pertaining to public health and welfare, including but not limited to conservation, sanitation, aesthetics, pollution, cultural properties, fire, and ecology. Such agencies are not to be deemed third party beneficiaries hereunder; however, this clause is enforceable by the grantor as herein provided or as otherwise permitted by law.

12. Grantee shall save and hold harmless, indemnify and defend the State of New Mexico, the Commissioner of Public Lands, and his agent or agents, in their official and individual capacities, of and from any and all liability claims, losses, or damages arising out of or alleged to arise out of or indirectly connected with the operations of grantee hereunder, off or on the herein above described lands, or the presence on said lands of any agent, contractor or sub-contractor of grantee.

AFFIRMATION OF GEOLOGIC, ENGINEERING & HYDROLOGIC INVESTIGATION: I hereby affirm that the available geologic and engineering data have been examined and no evidence has been found of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

IN WITNESS WHEREOF, the State of New Mexico has hereunto signed and caused its name to be signed by its Commissioner of Public Lands, thereunto duly authorized with the seal of his office affixed, and the grantee has signed this agreement to be effective the day and year above written.

STATE OF NEW MEXICO

BY: Ray Powell ^{Zilla Porter Padilla} Director
RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: Loy B. Goodheart
GRANTEE

(PERSONAL ACKNOWLEDGMENT)

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 19____, by _____

(ACKNOWLEDGMENT BY ATTORNEY-IN-FACT)

STATE OF _____)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 19____, as attorney-in-fact on behalf of _____

(ACKNOWLEDGMENT BY CORPORATION)

STATE OF New Mexico)
) ss.
COUNTY OF Lea)

The foregoing instrument was acknowledged before me this 11th day of April, ~~19~~2000, by Loy B. Goodheart, President
(NAME) (TITLE)
of Rice Operating Company
(CORPORATION)

My Commission Expires: Feb. 16, 2002 Notary Public: [Signature]

Submit 4 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-134
Aug. 1, 1989

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
J. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Permit No. H-66
(For Division Use Only)

APPLICATION FOR EXCEPTION TO DIVISION ORDER R-8952
FOR PROTECTION OF MIGRATORY BIRDS Rule 8(b), Rule 105(b), Rule 312(h), Rule 313, or Rule 711(I)

Operator Name: Rice Engineering Corporation

Operator Address: 122 W. Taylor, Hobbs, New Mexico 88240

Lease or Facility Name E-M-E SWD System Well I-1 Location I 1 20S 36E

Size of pit or tank: 50'x23'x8' deep, approx. 1600 bbls.
Ut. Ltr. Sec. Twp. Rge

Operator requests exception from the requirement to screen, net or cover the pit or tank at the above-described facility.

The pit or tank is not hazardous to migratory waterfowl. Describe completely the reason pit is non-hazardous.
The pit is used only in emergencies such as major well remedial work.
Normally kept empty.

1) If any oil or hydrocarbons should reach this facility give method and time required for removal:

Method: Vacuum truck

Time: Within 24 hrs. of discovery

2) If any oil or hydrocarbons reach the above-described facility the operator is required to notify the appropriate District Office of the OCD with 24 hours.

Operator proposes the following alternate protective measures:

CERTIFICATION BY OPERATOR: I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature S. A. Haktanir Title Division Manager Date July 25, 1990

Printed Name S. A. Haktanir Telephone No. 393-9174

FOR OIL CONSERVATION DIVISION USE

Date Facility Inspected 8/7/90

Inspected by [Signature]

Approved by _____

Title _____

Date 8/11/90

District I - (505) 393-6161
P.O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. Pine
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Boson Road
Artesia, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Originated 4/27/97

Submit Original
Plus 1 Copy
to Santa Fe

PIT INVENTORY FORM

Operator: RICE OPERATING COMPANY

Address: 122 WEST TAYLOR

HOBBS, NEW MEXICO 88240

Phone Number: (505) 393-9174

Previous Operator(s): None

Is the pit permitted: Yes No

Unit Letter: I Section: 1 Township: 20S 22E Range: 36E 37E

County: Lea County

Location Name: ~~Eunice-Monument-Fumont Salt Water Disposal Well H-20~~ I-1 (CDH 3-22-99)

Number of wells to the pit: system terminal tanks (varies)

Are the wells to the pit operated by one operator or multiple operators

Total daily volume (in barrels) to the pit: 2,500

Pit Type: 2-below ground redwood terminal tanks

(Emergency, Production, Workover Reserve/Drilling (greater than 6 months old), Flare, Blowdown, Separator, Dehydrator, Line Drip, BSW/Tank Bottoms, Compressor Piping, Washdown, or other)

What types of wastes are accepted in the pit (Exempt, Non-exempt, Both, None): Exempt (production water)

Pit age (years): 35

Is the pit lined or unlined

Type of liner (None, Synthetic, Clay): Redwood tank resting on concrete pad

Is leak detection present: Yes No Observation boxes around tanks

Is the pit netted: Yes No Covered with redwood top

Pit dimensions (LxWxD): two-28'DiaX8'Ht

CERTIFICATION

I hereby certify that the information submitted is true and correct to the best of my knowledge and belief.

Name: Roger Hall Title: Operations Engineer

Signature: Roger Hall Date: 10/30/97

A pit is defined as any below grade or surface feature which receives any materials other than fresh water.

District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. Park
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Benavos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Originated 6/27/97

Submit Original
Plus 1 Copy
to Santa Fe

PIT INVENTORY FORM

Operator: RICE OPERATING COMPANY

Address: 122 WEST TAYLOR
HOBBS, NEW MEXICO 88240

Phone Number: (505) 393-9174

Previous Operator(s): None

Is the pit permitted: Yes No

Unit Letter: I Section: 1 Township: 20S Range: 36E

County: Lea County

Location Name: EME Salt Water Disposal System Well I-1

Number of wells to the pit: 1

Are the wells to the pit operated by one operator or multiple operators

Total daily volume (in barrels) to the pit: None

Pit Type: Emergency

(Emergency, Production, Workover, Reserve/Drilling (greater than 6 months old), Flare, Blowdown, Separator, Dehydrator, Line Drip, BS&W/Tank Bottoms, Compressor, Piggings, Washdown, or other)

What types of wastes are accepted in the pit (Exempt, Non-exempt, Both, None): Exempt (production water)

Pit age (years): 35

Is the pit lined or unlined

Type of liner (None, Synthetic, Clay): None

Is leak detection present: Yes No

Is the pit netted: Yes No

Pit dimensions (LxWxD): 50' X 23' X 8'

CERTIFICATION

I hereby certify that the information submitted is true and correct to the best of my knowledge and belief.

Name: Roger Hall Title: Operations Engineer

Signature: Roger Hall Date: 10/28/97

A pit is defined as any below grade or surface feature which receives any materials other than fresh water.

List of Exhibits

Driving Directions

Topo Map 1

Topo Map 2

Plat Map

Site Map

Distance and Bearings

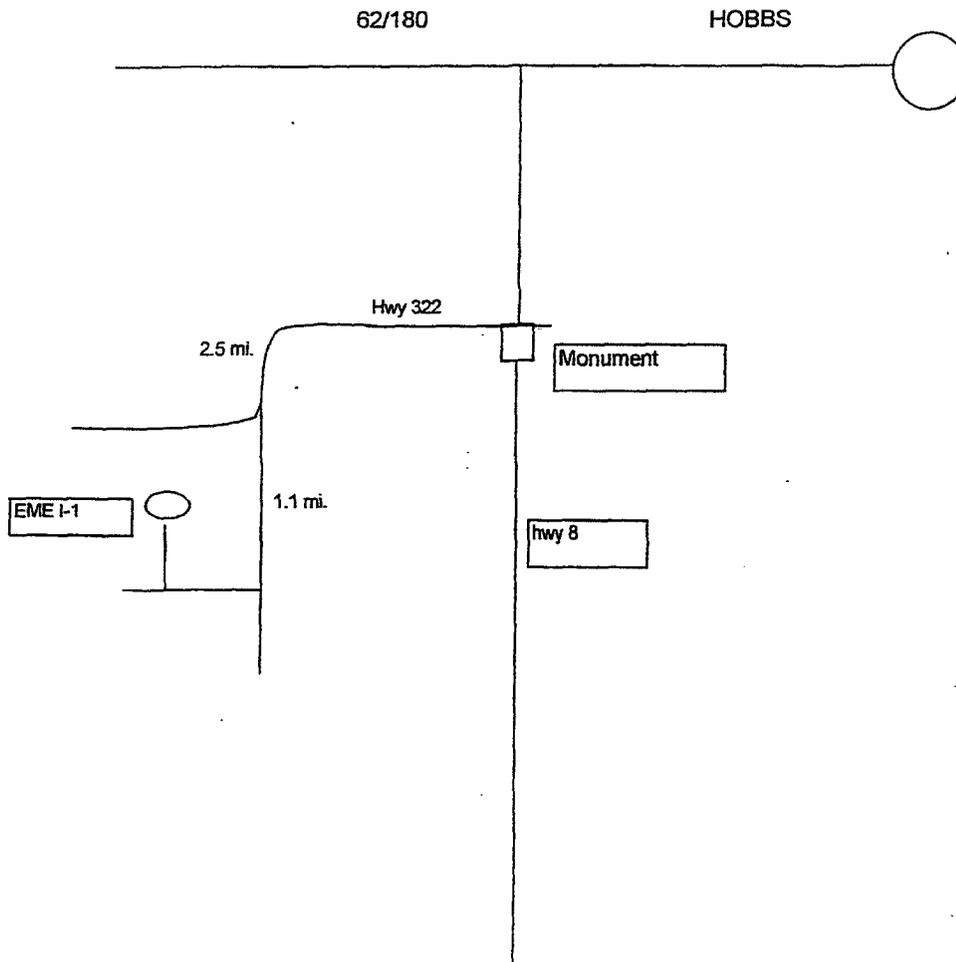
Bottom and Wall Composite Sample Points

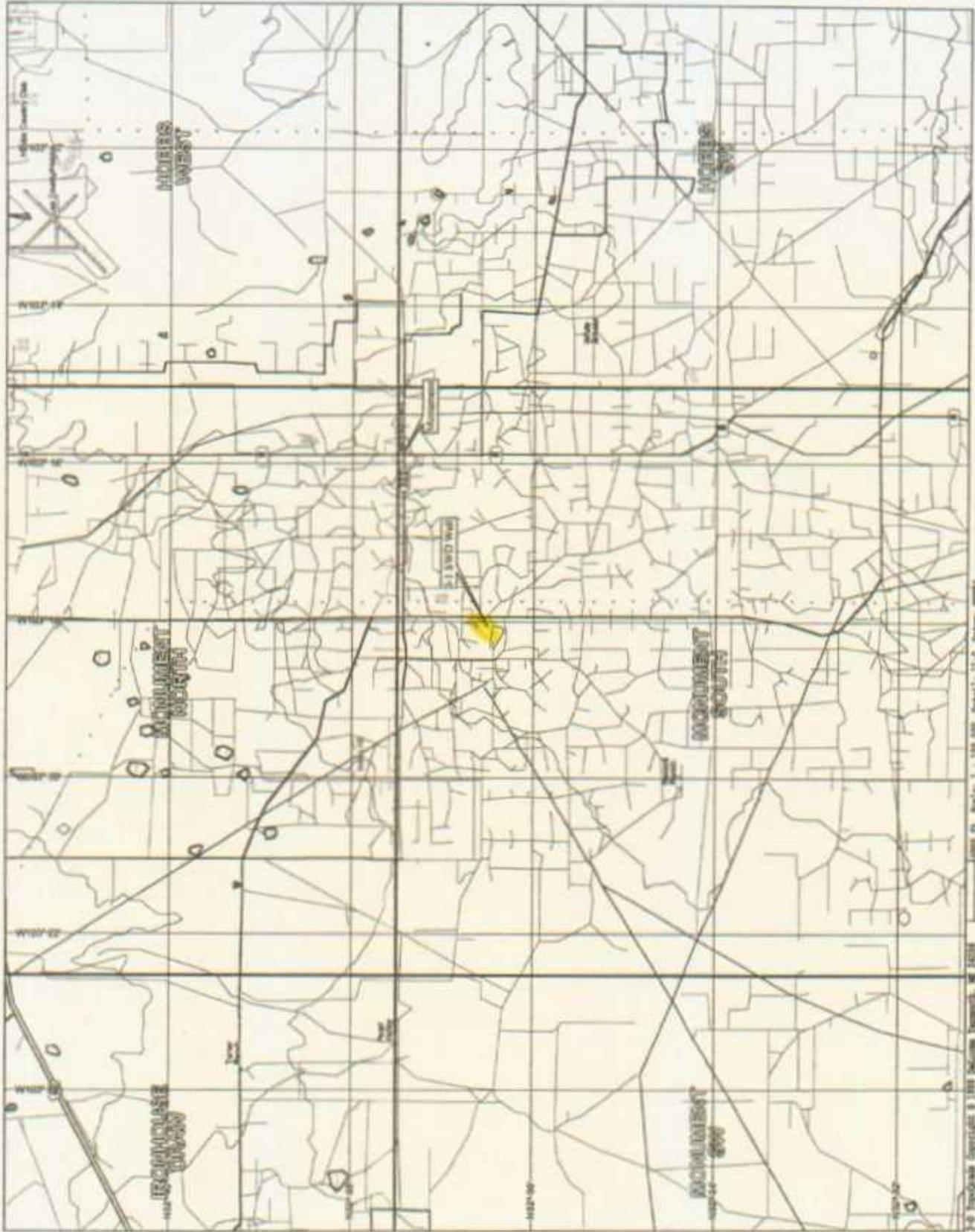
Position of Clay

Photos

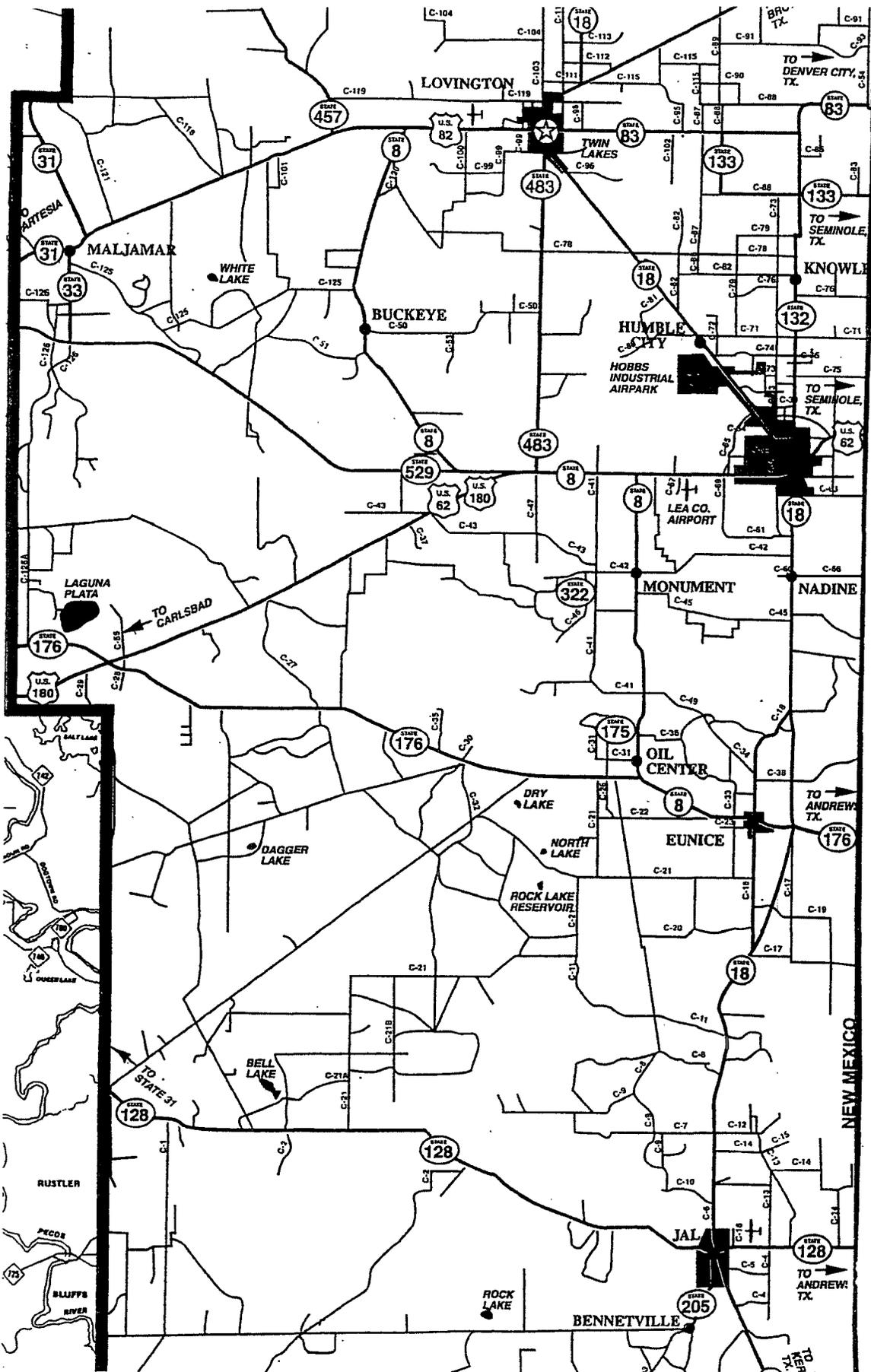
System: EME
Well: I-1
Legals: 1-20S-36E

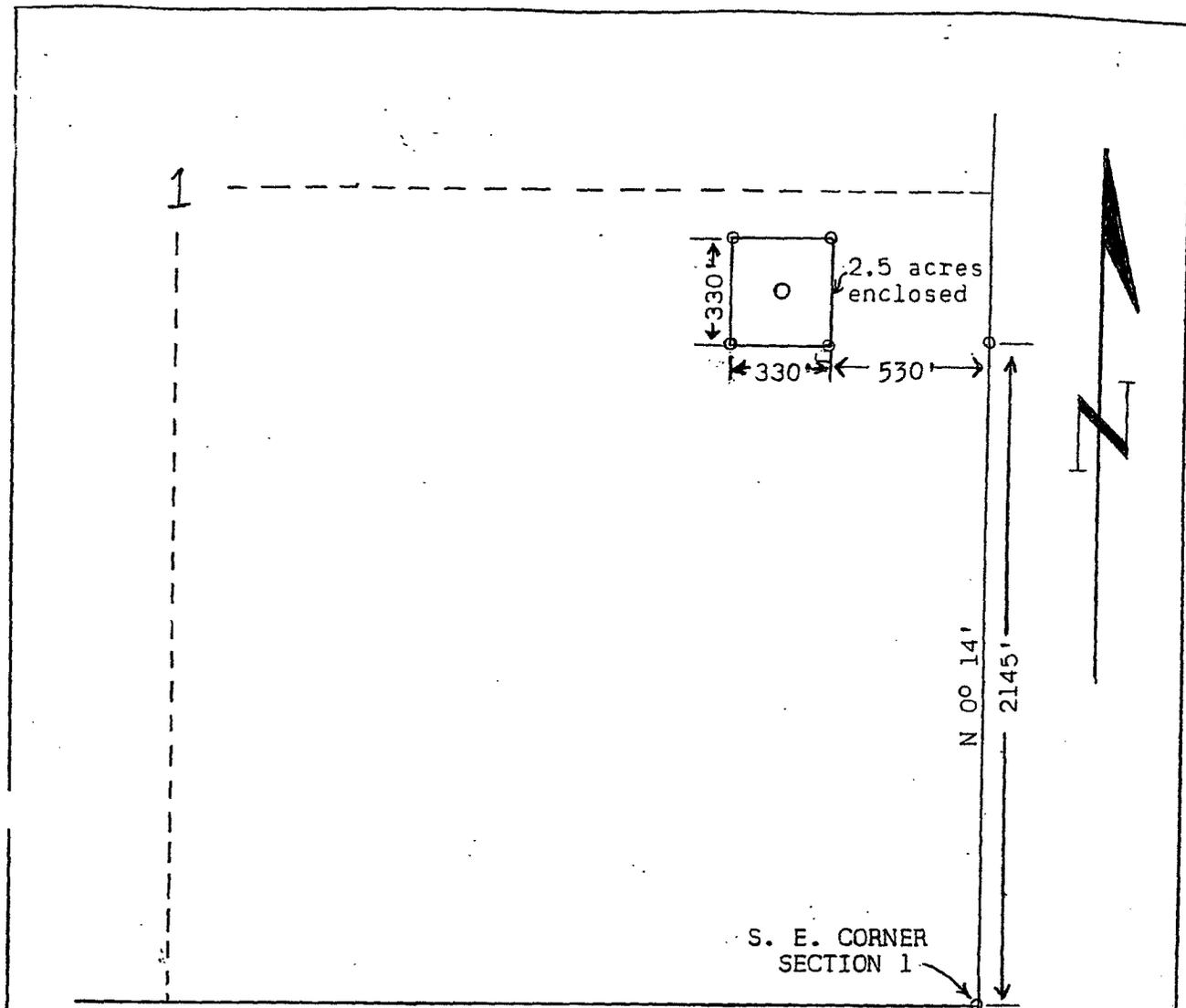
From the junction of Hwy 322 and Hwy 8 in Monument go west and south
on Hwy 322 for 2.5 miles. Turn left and go 1.1 miles south on calachie rd.
Turn right and go 1/10 mile west. Turn right and go 1/10 mile north to location.





© 1998 by National Geographic Society. All rights reserved. This map is a reproduction of a map published by National Geographic Society in 1998. The map is titled 'SACRAMENTO, CALIFORNIA' and is part of the 'SACRAMENTO, CALIFORNIA' series. The map is oriented with North at the top. The map is titled 'SACRAMENTO, CALIFORNIA' at the top center. The map is titled 'SACRAMENTO, CALIFORNIA' at the top center. The map is titled 'SACRAMENTO, CALIFORNIA' at the top center.



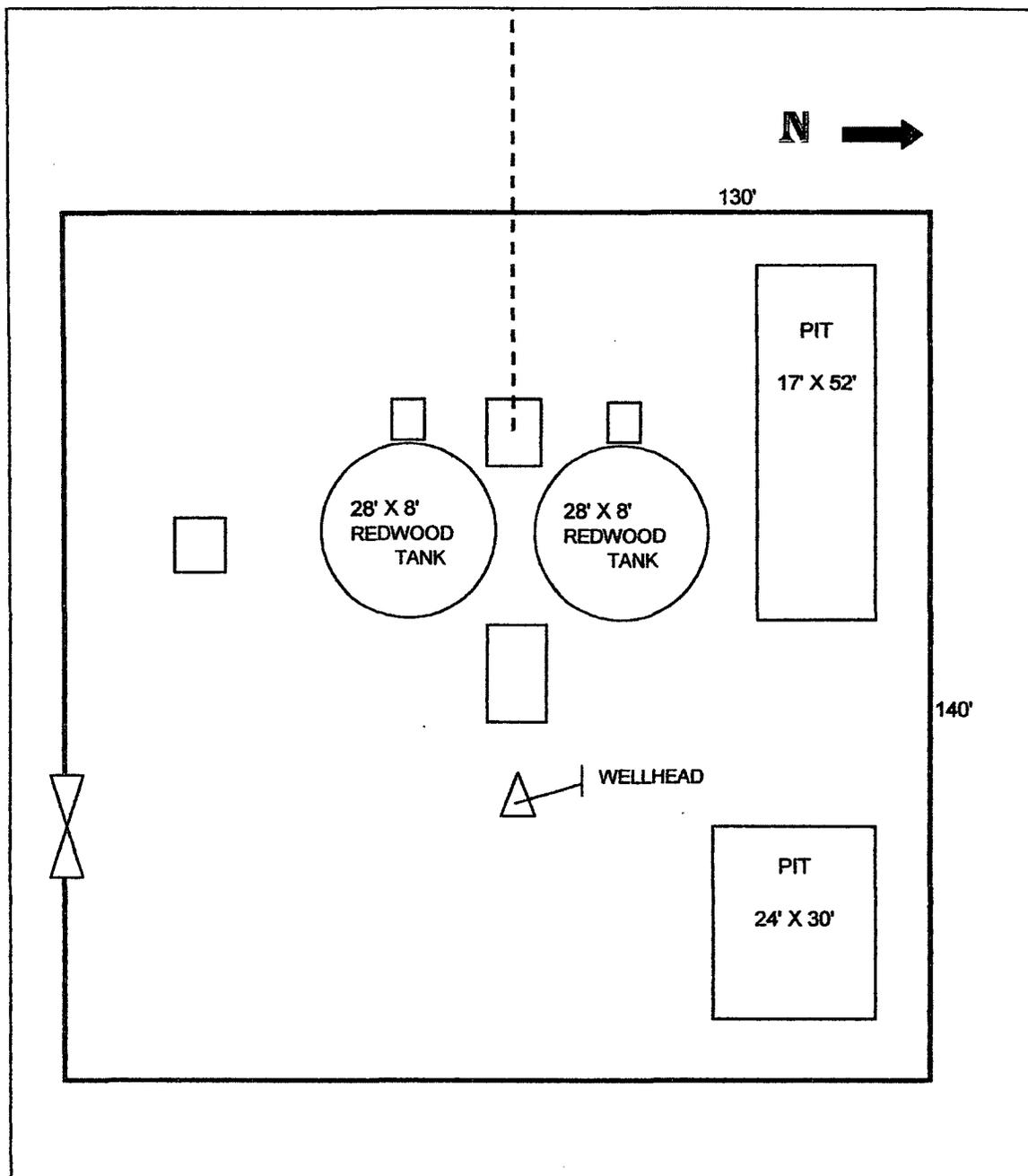


SECTION 1, T-20-S, R-36-E

All that certain parcel or tract of land in the NE $\frac{1}{4}$ SE $\frac{1}{4}$, of Section 1, Township 20 South, Range 36 East, Lea County, New Mexico.

Beginning at a point 2145 feet N 0° 14' E. and 530 feet West of the Southeast corner of Section 1, which is the Southeast corner of this tract; thence North 330 feet to a point, the Northeast corner of this tract; thence West 330 feet to a point, the Northwest corner of this tract; thence South 330 feet to a point, the Southwest corner of this tract; thence East 330 feet to the place of beginning, said tract contains 2 $\frac{1}{2}$ acres, more or less.

DWN			BUSINESS LEASE NO. 480 E-M-E SWD Well No. I-1	SCALE 1" = 500'
				Rice Engineering & Operating, Inc. Hobbs, New Mexico



Rice Operating Company

122 W. Taylor
 Hobbs, NM 88240
 505-393-9174

SITE MAP

04/02/2002

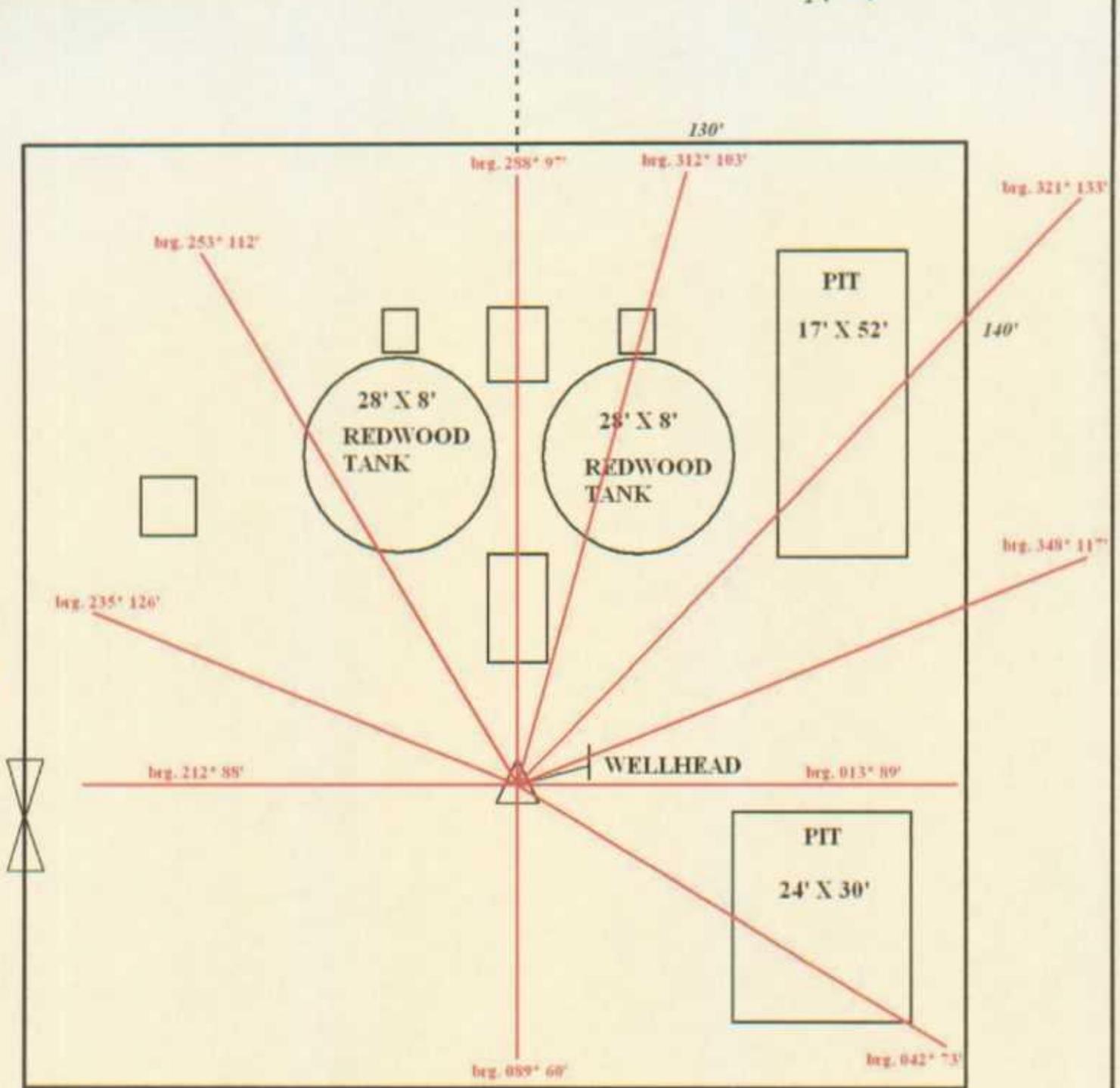
I-1 SWD Facility

EME SWD System

Unit I, Sec. 1, T20S, R36E

Lea County, NM

N →



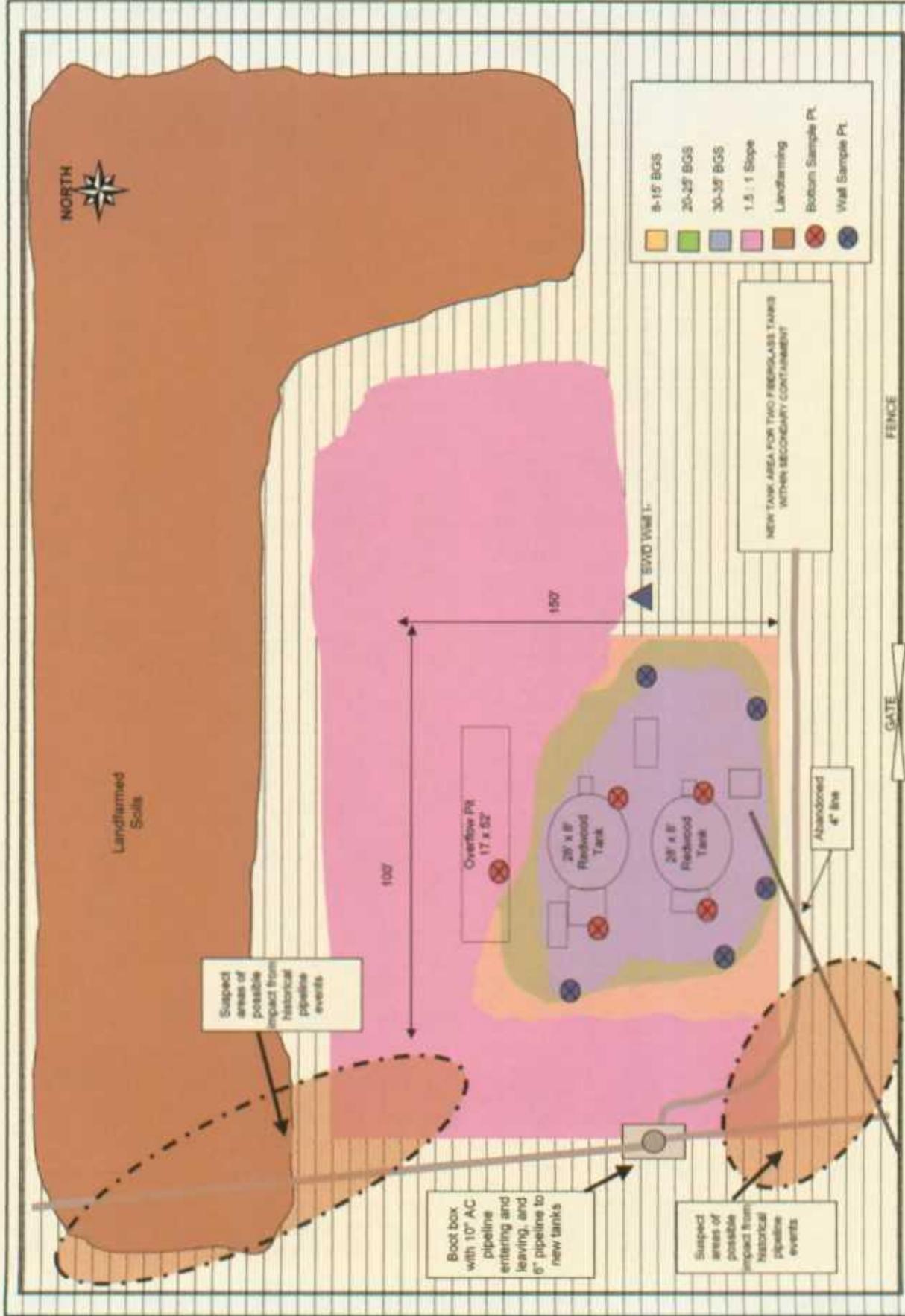
RICE Operating Company

122 W. Taylor
Hobbs, NM 88240
(505) 393-9174

Distance and Bearings from center of well head to outer edge of excavation

**I-1 SWD Facility
EME SWD System**

Unit I, Section 1, T20S, R36E
Lea County, NM



Redwood Tank and Emergency Overflow Pit Excavation
 BMD Well L-1
 Unit Letter I, Sec 1-T205-R38E
 Lea County, New Mexico

Bottom and Wall Composite Sample Points
 Sampled 12-09-02

Rice Operating Company
 122 West Taylor
 Hobbs, NM 88240
 (505) 383-9174

NORTH



Boot box with 10" AC pipeline entering and leaving, and 6" pipeline to new tanks

- 8-15' BGS
- 20-25' BGS
- 25' Clay Layer
- 1.5 : 1 Slope

NEW TANK AREA FOR TWO FIBERGLASS TANKS WITHIN SECONDARY CONTAINMENT

Abandoned 4" line

SWD Well I-1

120

150'

100'

FENCE

GATE

Ridgwood Tank and Emergency Overflow Pit Excavation
SWD Well I-1
Unit Letter I, Sec 1-T205-R06E
Lea County, New Mexico

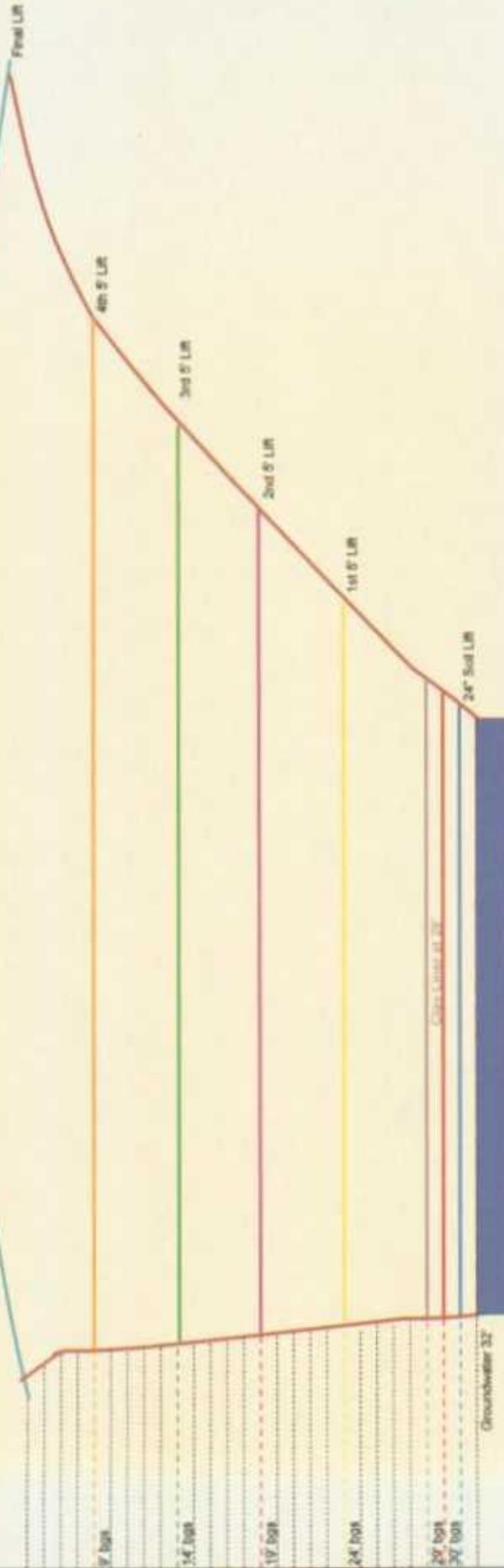
Position Of Clay Layer

Rice Operating Company
122 West Taylor
Hobbs, NM 88240
(505) 393-9174

Not to Scale



Combined to prevent pooling of water



		Lab Results					
	CL	GRO	DRD	B	T	E	X
24' LIR	< 20	< 10.0	56.5	< 0.025	< 0.025	< 0.025	< 0.025
1st 5' LIR	213	16	466	< 0.025	< 0.025	< 0.025	< 0.025
2nd 5' LIR	N/A	32.8	2760	N/A	N/A	N/A	N/A
3rd 5' LIR	N/A	< 10.0	265	N/A	N/A	N/A	N/A
4th 5' LIR	N/A	< 10.0	553	N/A	N/A	N/A	N/A

RICE OPERATING COMPANY
 122 W. Taylor
 Hobbs, NM 88240
 (505) 393-9174

CROSS SECTIONAL VIEW OF EXCAVATION

Redwood Tank and Emergency Overflow Pit Excavation
 SWD Well I-1
 Unit Letter I, Section 1, T20S-R36E
 Lea County, New Mexico



10/15/02 Photo Prior to Excavation



10/15/02 Photo Prior to Excavation



EME SWD I-1 View of Excavated Hole Prior to Clay Liner



EME SWD I-1 View of Excavated Hole Prior to Clay Liner



EME SWD I-1 West to East Wall



EME SWD I-1 North to South Wall





EME SWD I-1 Northeast Corner Looking South Southwest



EME SWD I-1 Southeast Corner Looking North



EME SWD I-1 Southeast Corner Looking Northwest



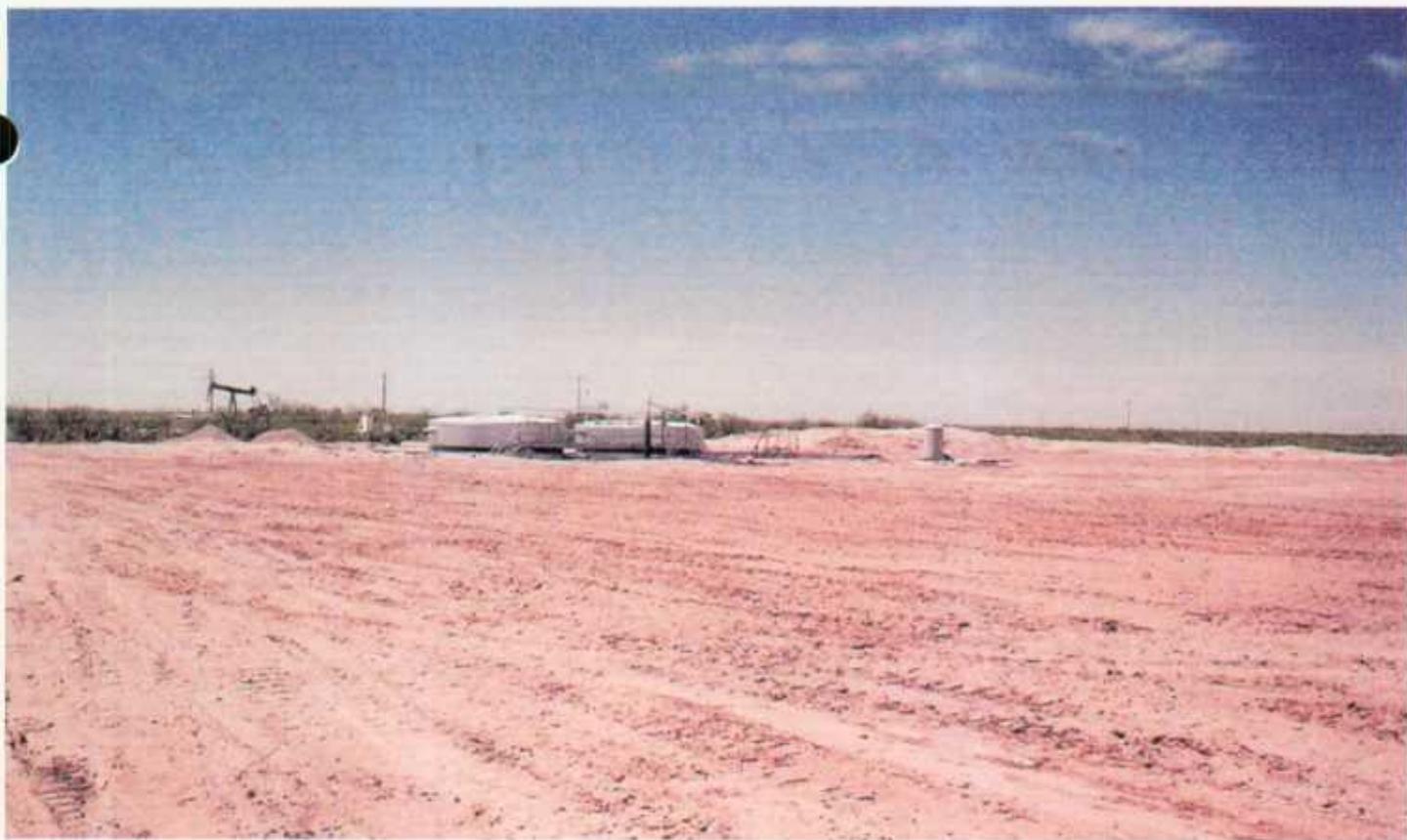
EME SWD I-1 Northeast Corner Fence Looking West



EME SWD I-1 Northeast Corner Looking Southwest



EME SWD I-1 Northeast Corner of Fence Looking South



EME SWD I-1 Northeast Corner Looking South Southwest

RICE Operating Company

122 West Taylor • Hobbs, New Mexico 88240
Phone: (505)393-9174 • Fax: (505) 397-1471

CERTIFIED MAIL
RETURN RECEIPT NO. Z 577 009 529

February 23, 2000

Mr. Wayne Price
NM Energy, Minerals and Natural Resources Department
Oil Conservation Division, Environmental Bureau
2040 S. Pacheco
Santa Fe, NM 87505

Re: Revision: Generic Closure Plan for Existing Pits and Below-Grade Redwood Tanks

Mr. Price:

As discussed in our telephone conversation February 22, Rice Operating Company (ROC) is submitting a further revision of the generic work plan for closing redwood tanks and emergency overflow pits that are presently inventoried in the ROC-operated SWD systems in Lea County. (ROC has no ownership of pipelines, wells, or facilities. Each system is owned by a consortium of oil producers, System Partners, who provide operating capital based on percent ownership or usage. Closure projects require AFE approval and work begins as funds are received.)

The revisions ROC proposes involve the on-site disposal of non-impacted concrete when practical and the use of a compacted clay layer rather than poly-liner for lining excavations. Also proposed is a revision to the closure procedure, adding an OCD verbal approval step in order for ROC to timely continue with installation of new surface facilities.

Closure reports for two locations, F-29 (two-year sampling of groundwater) and H-35 (closed), have been processed with the OCD. The P-25 location closure report has been submitted. Locations C-2 and L-21 are in remediation activity right now and Donna Williams has visited both sites. The C-2 site excavation will be managed with RE Environmental and the L-21 site will be managed with Whole Earth. ROC expects to be able to schedule final sampling for early March at both sites. The AFE has been approved for two additional sites in the Eunice-Monument-Eumont area with work start-up planned for early summer.

Thank you for your consideration of these revisions. If you have any questions, please call.



Carolyn Doran Haynes
Operations Engineer

Cc KH; file; Ms. Donna Williams, OCD District I, Hobbs, NM

REVISED

4-23-99

2-23-00

Closure Plan for Below Grade Redwood Tank

1. Submit C-103 form to NMOCD along with the site-specific location, site assessment, work plan, time schedule, sampling and testing plan, etc., all pursuant to NMOCD guidelines.
2. Procure soil samples from 3' below bottom of tanks (9-11' below grade) at tank sides.
 - A. If soil samples are < 100ppm TPH and < 250ppm Chlorides, proceed to Step 4.
 - B. If soil samples are > 100ppm TPH or > 250ppm Chlorides, proceed to Step 3.
3. Delineate any portion of tank site that is > 100ppm TPH or > 250ppm Chlorides with a backhoe or soil boring machine, obtaining samples for field and lab analysis at 5' intervals.
 - A. When field analysis of bored-sample determines < 100ppm TPH and < 250ppm Cl, boring will be suspended pending laboratory analysis confirmation. Proceed to Step 4.
 - B. If these parameter levels are not identified, then boring and sampling will continue to ground water. Upon reaching groundwater, the borehole will be cased and developed. Ground water samples will be procured and tested for major cations and anions, TDS and BETX levels. If ground water is found to exceed the WQCC standards, NMOCD will be notified immediately and the closure plan will move into Rule 19 procedures.
4. Write AFE to System Partners as directed by results of delineation of redwood tank site and of emergency pit (if both are at facility). Await approval and finding for site closing.
5. Move onto SWD facility site with temporary tank system. Re-route fluid flow from below grade redwood tanks into the temporary tank system. Plumb to SWD well.
6. Empty and clean redwood tanks, properly disposing of any BS & W. Excavate sides of redwood tanks to allow for working space to manipulate tank support banding. Remove redwood tanks reserving boards for proper disposal.
7. Excavate ramp into redwood tank hole. Remove and properly dispose of concrete base if impacted. If concrete is not impacted, use as fill (below plow depth) in excavation area.
8. Remove impacted soil (as practical) to eliminate hot spots; dispose per NMOCD guidelines.
9. Procure random 5-point composite bottom sample from 3' below tank bottom and random 4-point composite side sample for lab TPH, Benzene, and BTEX testing.
 - A. If <100ppm TPH; BTEX, Benzene <10ppm; <250ppm Chlorides; proceed to Step 11.
 - B. If >100ppm TPH; BTEX, Benzene >10ppm; >250ppm Chlorides; in the vadose zone but not reaching groundwater, proceed to Step 10.
10. Evaluate site for risk assessment: delineate to assess depth and horizontal extent of impact corresponding to NMOCD guidelines for site assessment value; excavate bottom and sides as practical to minimize risk; install compacted clay liner to meet or exceed 95% of a Proctor Test ASTM-D-698 with permeability (hydraulic conductivity) equal or less than 1×10^{-7} cm/sec for containment/isolation of impact.
11. Discuss results/risk assessment with NMOCD for verbal approval to proceed with backfill/installation of new tanks and plumbing within engineered secondary containment system.
12. Apply to NMOCD for closure of redwood tank site per NMOCD guidelines and site results.

REVISED

4-23-99

2-23-00

Closure Plan for Permitted Emergency Pits

1. Submit C-103 form to NMOCD along with the site-specific location, site assessment, work plan, time schedule, sampling and testing plan, etc., all pursuant to NMOCD guidelines.
2. Remove and properly dispose of visibly contaminated soil pursuant to NMOCD guidelines.
3. Procure soil samples from surface and 3' below excavation bottom and excavation sides.
 - A. If soil samples are < 100ppm TPH and < 250ppm Chlorides, proceed to Step 6.
 - B. If soil samples are > 100ppm THP or > 250ppm Chlorides, proceed to Step 4.
4. Delineate any portion of excavation that is > 100ppm TPH or > 250ppm Chlorides with a backhoe or soil boring machine, obtaining samples for field and lab analysis at 5' intervals.
 - A. When field analysis of bored-sample determines < 100ppm TPH and < 250ppm Cl, boring will be suspended pending laboratory analysis confirmation. Proceed to Step 5.
 - B. If these parameter levels are not identified, then boring and sampling will continue to ground water. Upon reaching groundwater, the borehole will be cased and developed. Ground water samples will be procured and tested for major cations and anions, TDS and BETX levels. If ground water is found to exceed the WQCC standards, NMOCD will be notified immediately and the closure plan will move into Rule 19 procedures.
5. Write AFE to System Partners as directed by results of delineation of redwood tank site and of emergency pit (if both are at facility). Await approval and funding for site closing
6. Remove impacted soil (as practical) to eliminate hot spots; dispose per NMOCD guidelines.
7. Procure random 5-point composite bottom sample and random 4-point composite side sample for laboratory TPH, Benzene, and BTEX testing.
 - A. If <100ppm TPH; BTEX, Benzene <10ppm; <250ppm Chlorides; proceed to Step 9.
 - B. If >100ppm TPH; BTEX, Benzene >10ppm; >250ppm Chlorides; in the vadose zone but not reaching groundwater, proceed to Step 8.
8. Evaluate site for risk assessment: delineate to assess depth and horizontal extent of impact corresponding to NMOCD guidelines for site assessment value; excavate bottom and sides as practical to minimize risk; install compacted clay liner to meet or exceed 95% of a Proctor Test ASTM-D-698 with permeability (hydraulic conductivity) equal or less than 1×10^{-7} cm/sec for containment/isolation of impact.
9. Discuss results/risk assessment with NMOCD for verbal approval to proceed with backfill.
10. Apply to NMOCD for closure of permitted emergency pit site per NMOCD guidelines and site results.

RICE *Operating Company*

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Phone: (505) 393-9174 • Fax: (505) 397-1471

**EXCAVATION WORKPLAN
FOR
SWD FACILITY I-1 REMEDIATION**

Excavation Contractor:
Walton Construction, Inc.

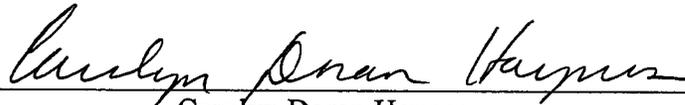
Prepared by:
Rice Operating Company

Date:
November 22, 2002

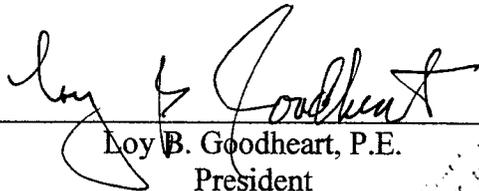
EXCAVATION WORKPLAN

November 22, 2002

Prepared by RICE OPERATING COMPANY



Carolyn Doran Haynes
Engineering Manager
Rice Operating Company



Loy B. Goodheart, P.E.
President
Rice Operating Company

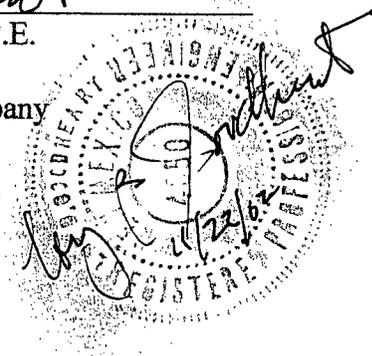


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Excavation Diagram: Cross Sectional Views of Excavation

Excavation Diagram: Arial View of Excavation Depth

EXCAVATION WORKPLAN

1.0 General

Petroleum and salt impacted soils at a salt water disposal facility site require remediation. The impact is the result of 44 years of continuous usage of below-grade redwood tanks and an emergency overflow pit. The redwood tanks have been removed and the material has been properly disposed.

The highly impacted soils located within the area previously containing the tanks and pit, measuring approximately 150 feet N/S by 100 feet E/W, will be excavated to depth of 30 to 35 feet below the ground surface (BGS). A bulldozer and trackhoe will be utilized to remove the impacted material present in the subsurface beneath this area.

Impacted soils will be characterized as to the degree of TPH and salt impact by field- testing representative samples as excavation progresses. Approximately 1500 cubic yards of the most highly impacted soils will be transported to the SMWDF landfarm facility. Un-impacted overburden (as identified by visual observation, TPH and salt field testing) and soil pushed out of the excavation sidewall area for slope control will be blended with the lesser-impacted soils and landfarmed on-site.

2.0 Excavation and Backfill Requirements

2.1 General

Excavation of material will be conducted in accordance with Walton Construction's Excavation, Shoring and Trenching guidelines, this work plan and OSHA guidelines. This workplan outlines specific measures required to maintain health and safety of personnel conducting the excavation work, and specific design details that must be adhered to during excavation activities. Walton construction will have the primary responsibility to conduct excavation activities in accordance with this workplan.

The general excavation approach will involve the removal of material from within an area measuring approximately 150 feet by 100 feet. The soils in this area will be excavated to 15a depth of 30 to 35 feet BGS.

2.2 Surface Preparation

Surface encumbrances including, but not limited to vegetation, boulders and machinery shall be located a safe distance from the excavation area, as is practical, considering this location continues to be an operational salt water disposal facility site. Excavation activities will be limited to a 3-foot encroachment of the new-tank facility containment, a 2-foot encroachment of the 10" pipeline connecting the junction box and the tank facility and a 15-foot encroachment of the junction box. Excavation near the disposal well cellar must proceed with caution. There must be no undermining of the well cellar.

The entire area of the working excavation site will be secured by a three-strand barbed-wire fence and a gate for access to the site and the disposal facility. The gate will be closed and secured at the close of each workday. In addition, temporary flagging and/or safety barriers will be placed no less than five feet outside the edge of the excavated area on the south boundary.

No machinery or personnel will be allowed beyond the fenced or flagged area unless under the direction of the Walton Construction site supervisor. At the close of each workday, all excavation machinery will be parked outside the flagged area, but within the fenced area.

2.3 Underground Installations

Rice Operating Company has cleared all public utilities and flow lines in the area of the excavation. All known utilities and flow lines will be clearly marked and workers informed of their location. Buried 10" pipelines (4 feet BGS) reside to the south and west of the excavation and the excavation shall respect a 2-foot encroachment.

2.4 Overhead Installation

There are no overhead obstacles within the working area of the excavation. Workers will be informed of any possible conflicts with overhead installations to the south of the work site and care will be taken to keep equipment from interfering with these installations.

2.5 Excavation Specifications

An area measuring approximately 150 feet by 100 feet will be excavated, some portions of this area to a depth of 30 to 35 feet BGS. If groundwater is encountered, excavation activities will be discontinued at the depth where groundwater is encountered in order to maintain safe and practical excavation of soils. Groundwater occurs at a depth of approximately 35 feet BGS.

Material anticipated to be encountered in the excavation will consist of approximately 5-8 feet of loamy-clay soil underlain by undisturbed caliche (Soil Type A) to a depth of approximately 25 feet BGS. The caliche is underlain by predominantly limestone, caliche and calcareous sands. The material may be impacted with benzene, toluene, ethylbenzene and xylenes (BTEX), total petroleum hydrocarbons (TPH), and salt.

The initial step in excavating the soil is to clear the approximate 150 feet by 100 feet area corresponding to the area previously containing the redwood tank and overflow pit of all vegetation and obstacles. The entire area will then be excavated to a depth between 8 and 15 feet, depending on the depth at which hard caliche is encountered. During this phase of the excavation, the walls on the north, west and east sides will be sloped a minimum of 1.5 feet horizontal to 1 foot vertical to ensure slope stability. The south wall and the east wall south of the well cellar will remain somewhat vertical unless slope stability dictates that the wall be sloped.

After the 150 feet by 100 feet area is initially excavated, a trackhoe will be used to excavate deeper into the caliche within an area approximately 80 feet N/S by 70 feet E/W to a depth of approximately 20 to 25 feet BGS, leaving at least a 20 foot wide shelf/bench along the west wall at depth of 8-15 feet. This deeper excavation will be conducted in a manner that will ensure that no personnel or equipment will be working in a confined space environment. The walls of the deeper excavation will be approximately vertical on the south wall and southeast corner wall, unless slope stability dictates that the walls be sloped. The west wall will be a combination of 10-15 feet vertical wall, 20 feet wide bench then slope of 1.5 feet horizontal to 1 foot vertical. The northeast and north walls will be sloped a minimum of 1 foot horizontal to 1 foot vertical to ensure slope stability.

Once this second-level of excavation is complete, a trackhoe will be used to excavate deeper into the caliche and area approximately 70 feet N/S by 60 feet E/W to a depth of approximately 30-35 feet, or until groundwater is encountered. This deeper excavation will be conducted in a manner that will ensure that no personnel or equipment will be working in a confined space environment. The walls of the deeper excavation will be approximately vertical unless slope stability dictates that the walls be sloped.

Throughout all excavation activities, material excavated from the pit will be brought out of the pit and blended and landfarmed on-site.

The vertical south wall and southeast corner wall will be inspected daily for stability. Machinery will respect a 20 feet encroachment barrier from the vertical portions of wall.

2.6 Backfill

The deepest area of excavation, from 25-35 feet BGS, will be backfilled at the end of each working day with clean soils available at the site.

Backfilling of the excavation area will consist of placing excavated material meeting regulatory requirements for TPH and BTEX back into the pit area in lifts of 2-3 feet in thickness. Lifts will be sampled by 5-point composite sampling technique and field tested for TPH and Salt concentrations. Several lift samples will be submitted to a certified laboratory for confirmation TPH, BTEX and Salt concentrations. Any additional backfill will be obtained from nearby sources.

3.0 Health and Safety

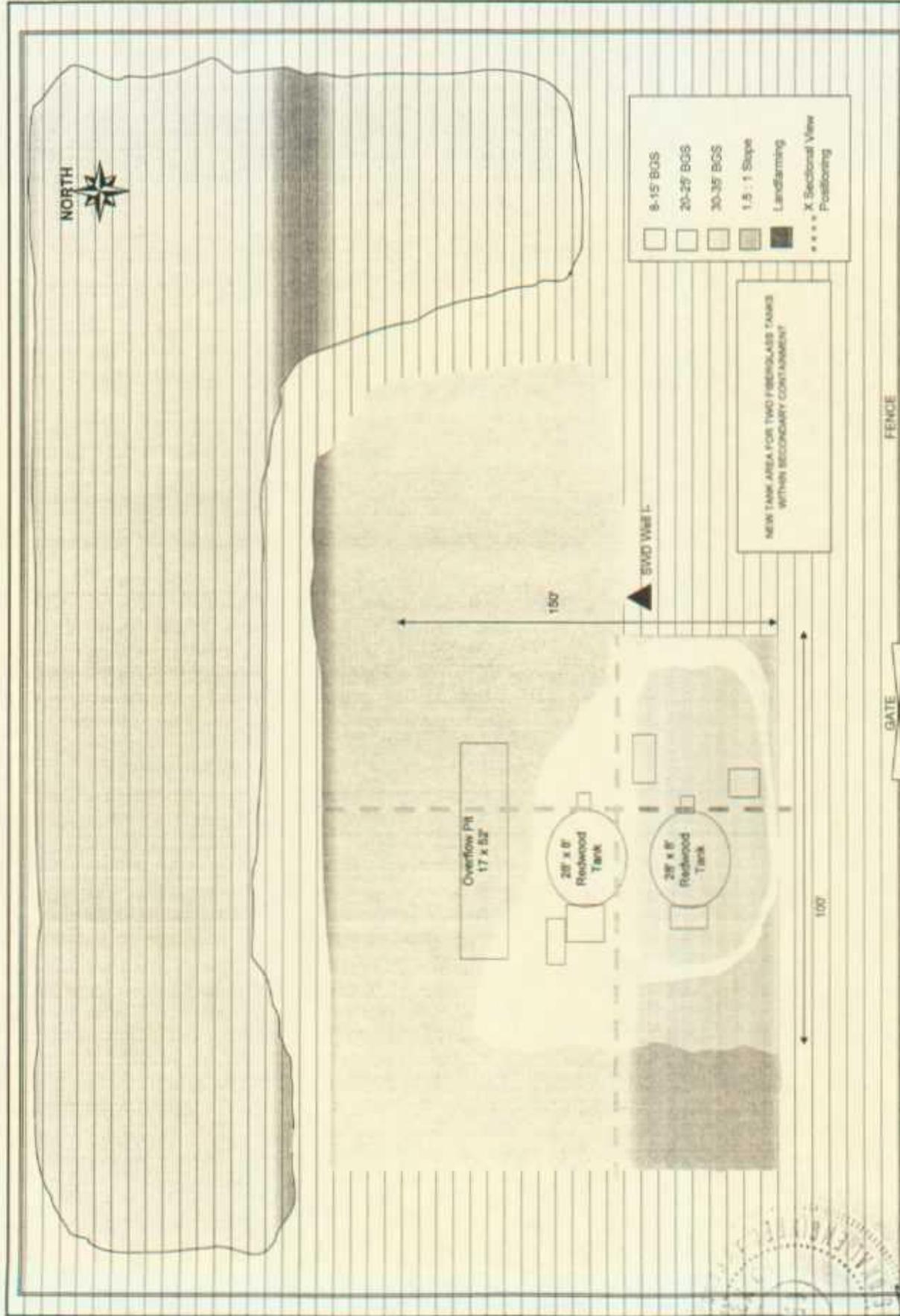
There are two health and safety issues that are specific to this site in addition to the general health and safety care that is required on all such projects. These conditions include air monitoring for hazardous substances, and confined space conditions.

3.1 Air Quality Monitoring

The subject site is a salt water disposal facility site. The gathering system pipeline transports produced water from oil and gas leases to the terminal collection tanks at this permitted disposal well facility for subsurface disposal. Pipeline and tank contents may include H₂S, and TPH. In order to protect all personnel working in the pit or in the pit area, a windsock will be stationed at the site and air monitoring will be conducted regularly for H₂S. Personal H₂S monitors will be carried by personnel working at the site.

3.2 Confined Space Requirements

The excavation is expected to reach depths of 30 to 35 feet BGS with the potential to contain hazardous atmospheric conditions. Because of the potentially hazardous conditions, no personnel will be allowed to enter the excavation except those personnel operating equipment and those personnel procuring samples. Those personnel operating equipment will only be allowed to work in the initial and second-level excavated area and will not be allowed to enter the area of deepest excavation. In addition, personnel operating equipment will be required to carry 4-gas monitors to alert them of any potentially hazardous atmospheric conditions. Excavation of the deepest section of the pit will be conducted in such a manner that all equipment and operators are up-wind from the excavation being conducted. The Walton construction site supervisor will be responsible for monitoring wind direction and notifying the construction crew of any wind changes that require them to shift the way the excavation is conducted.



- 8-15' BOS
- 20-25' BOS
- 30-35' BOS
- 1.5 : 1 Slope
- Landfilling
- X Sectional View Postflowing

NEW TANK AREA FOR TWO FIBERGLASS TANKS WITHIN SECONDARY CONTAINMENT

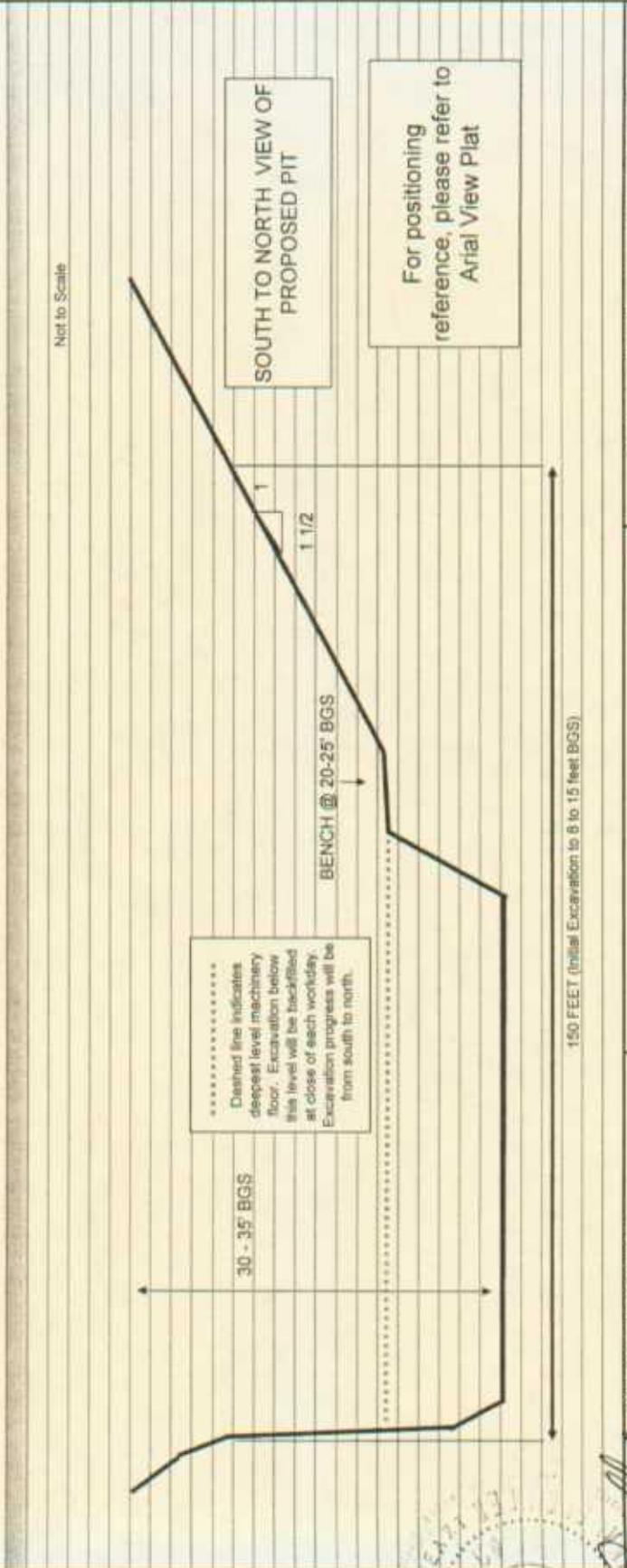
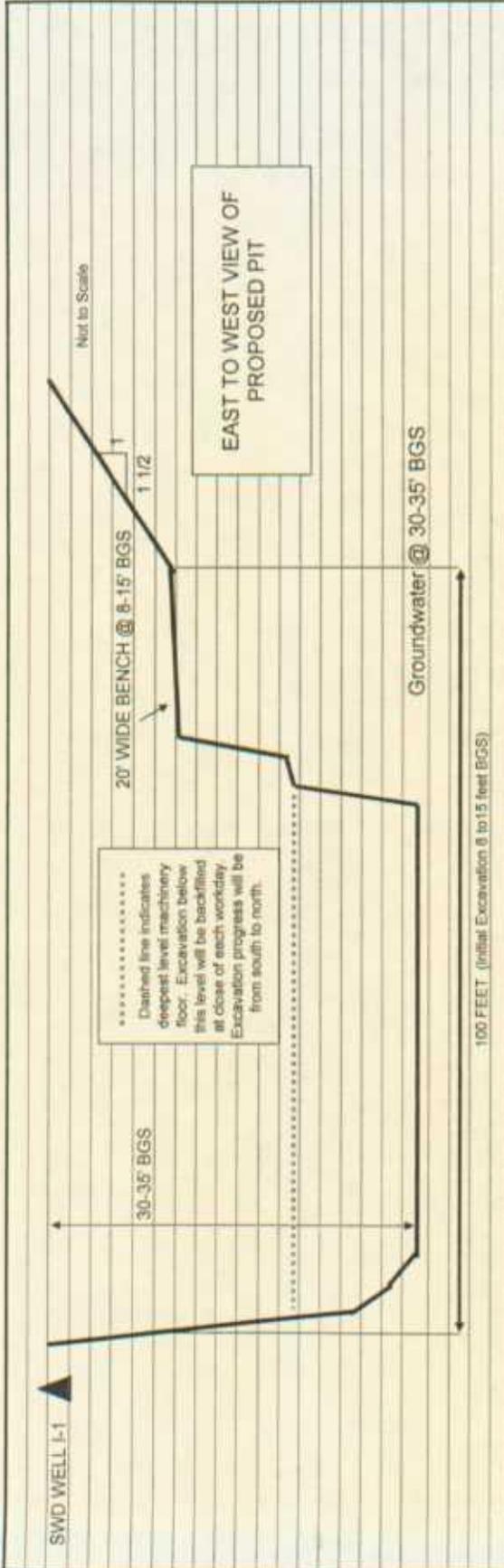
GATE FENCE

Redwood Tank and Emergency Overflow Pit Excavation
 SWD Well I-1
 Unit Letter I, Sec 1-T205-R30E
 Lea County, New Mexico

ARIAL VIEW OF
 EXCAVATION VS DEPTH

Rice Operating Company
 122 West Taylor
 Hobbs, NM 88240
 (505) 393-9174

PLANNING AND ENGINEERING
 PRINTERS
Loy
11/20/02



EAST TO WEST VIEW OF PROPOSED PIT

SOUTH TO NORTH VIEW OF PROPOSED PIT

For positioning reference, please refer to Aerial View Plat

Redwood Tank and Emergency Overflow Pit Excavation
SWD Well I-1
Unit Letter I, Sec 1-T205-R08E
Leas County, New Mexico

CROSS SECTIONAL VIEWS OF EXCAVATION

Rice Operating Company
132 West Taylor
Hobbs, NM 88240
(505) 393-9174



Handwritten signature: L. J. Taylor
11/22/02

Rice Operating Company

Quality Procedure

**Procedure for Obtaining
Soil Samples for Transportation to a Laboratory**

1.0 Purpose

This procedure outlines the methods to be employed when obtaining soil samples to be taken to a laboratory for analysis.

2.0 Scope

This procedure is to be used when collecting soil samples intended for ultimate transfer to a testing laboratory.

3.0 Preliminary

3.1 Obtain sterile sampling containers from the testing laboratory designated to conduct analyses of the soil. The shipment should include a Certificate of Compliance from the manufacturer of the collection bottle or vial and a Serial Number for the lot of containers. Retain this Certificate for future documentation purposes.

3.2 If collecting TPH, BTEX, RCRA 8 metals, cation /anions or O&G, the sample jar may be a clear 4 oz. container with Teflon lid. If collecting PAH's, use an amber 4 oz. container.

4.0 Chain of Custody

4.1 Prepare a Sample Plan. The plan will list the number, location and designation of each planned sample and the individual tests to be performed on the sample. The sampler will check the list against the available inventory of appropriate sample collection bottles to insure against shortage.

4.2 Transfer the data to the Laboratory Chain of Custody Form. Complete all sections of the form except those that relate to the time of delivery of the samples to the laboratory.

4.3 Pre-label the sample collection jars. Include all requested information except time of collection. (Use a fine point Sharpie to insure that the ink remains on the label.) Affix the labels to the jars.

5.0 Sampling Procedure

- 5.1 Do not touch the soil with your bare hands. Use new latex gloves with each sample to help minimize any cross-contamination.
- 5.2 Go to the sampling point with the sample container. If not analyzing for ions or metals, use a trowel to obtain the soil.
- 5.3 Pack the soil tightly into the container leaving the top slightly domed. Screw the lid down tightly. Enter the time of collection onto the sample collection jar label.
- 5.4 Place the sample directly on ice for transport to the laboratory if required.
- 5.5 Complete the Chain of Custody form to include the collection times for each sample. Deliver all samples to the laboratory.

6.0 Documentation

- 6.1 The testing laboratory shall provide the following minimum information:
 - a. Project and sample name.
 - b. Signed copy of the original Chain of Custody Form including the time the sample was received by the lab.
 - c. Results of the requested analyses
 - d. Test Methods employed
 - e. Quality Control methods and results

Rice Operating Company

Quality Procedure Field TPH Analysis

1.0 Purpose

To define the procedure to be used in conducting total percentage hydrocarbon testing in accordance with EPA Method 418.1 (modified) using the "MEGA" TPH Analyzer.

2.0 Scope

This procedure is to be used for field testing and on site remediation information.

3.0 Procedure

1.1 The G.A.C. "MEGA" TPH analyzer is an instrument that measures concentrations of aliphatic hydrocarbons by means of infra-red spectrometry. It is manufactured to specifications and can accurately measure concentrations from two parts per million through 100,000 parts per million. The unit is factory calibrated however minor calibration adjustments may be made in the field. Quality Procedure 25 defines the field calibration methods to be employed.

1.2 Prior to taking the machine into the field, insert a 500 ppm and 5,000 ppm calibration standard into the sample port of the machine. Zero out the Range dial until the instrument records the exact standard reading.

1.3 Once in the field, insert a large and small cuvette filled with clean Freon 113 into the sample port of the machine. Use the range dial to zero in the reading. If the machine does not zero, do not attempt to adjust the span dial. Immediately implement Quality Procedure 25.

1.4 Place a 100 g weight standard on the field scale to insure accuracy. Zero out the scale as necessary.

1.5 Tare a clean 100 ml sample vial with the Teflon cap removed. Add 10 g (+/- .01g), of sample soil into the vial taking care to remove rocks or vegetable matter from the sample to be tested. If the sample is wet, add up to 5 g silica gel or anhydrous sodium sulfate to the sample after weighing.

1.6 Dispense 10 ml Freon 113 into the sample vial.

- 1.7 Cap the vial and shake for five minutes.
- 1.8 Carefully decant the liquid contents of the vial into a filter/desiccant cartridge and affix the cartridge cap. Recap the sample vial and set aside.
- 1.9 Insert the metal tip of the pressure syringe into the cap opening and slowly pressurize. **WARNING: APPLY ONLY ENOUGH PRESSURE ON THE SYRINGE TO EFFECT FLOW THROUGH THE FILTERS. TOO MUCH PRESSURE MAY CAUSE THE CAP TO SEPARATE FROM THE BODY OF THE CARTRIDGE.** Once flow is established through the cartridge, direct the flow into the 5 cm cuvette until the cuvette is full. Reverse the pressure on the syringe and remove the syringe tip from the cartridge cap. Set the cartridge aside in vertical position.
- 1.10 The cuvette has two clear and two frosted sides. Hold the cuvette by the frosted sides and carefully insert into the sample port of the machine. Read the right hand digital read-out of the instrument. If the reading is less than 1,000 ppm, the results shall be recorded in the field Soil Analysis Report. If the result is higher than 1,000 ppm, continue with the dilution procedure.

4.0 Dilution Procedure

- 1.11 When initial readings are greater than 1,000 ppm using the 5 cm cuvette, pour the contents of the 5 cm cuvette into a 1 cm cuvette. Insert the 1 cm cuvette into the metal holder and place into the test port of the instrument.
- 1.12 Read the left hand read-out of the machine. If the results are less than 10,000 ppm, record the results into the field Soil Analysis Reports. If greater than 10,000 ppm, continue the dilution process. **Concentrations >10,000 ppm are to be used for field screen purposes only.**
- 1.13 Pour the contents of the small cuvette into a graduated glass pipette. Add 10 ml pure Freon 113 into the pipette. Shake the contents and pour into the 1cm. cuvette. Repeat step 4.2 adding two zeros to the end of the displayed number. If the reported result is greater than 100,000 ppm, the accuracy of further readings through additional dilutions is extremely questionable. **Do not use for reporting purposes.**
- 1.14 **Pour all sample Freon into the recycling container.**

5.0 Split Samples

- 1.15 Each tenth test sample shall be a split sample. Decant approximately one half of the extraction solvent through a filter cartridge and insert into the instrument to obtain a concentration reading. Clean and rinse the cuvette and decant the remainder of the fluid to obtain a second concentration reading from the same sample. If the second reading varies by more than 1% from the original, it will be necessary to completely recalibrate the instrument.

Rice Operating Company

QUALITY PROCEDURE Chloride Titration Using 0.282 Normal Silver Nitrate Solution

1.0 Purpose

This procedure is to be used to determine the concentration of chloride in soil.

2.0 Scope

This procedure is to be used as the standard field measurement for soil chloride concentrations.

3.0 Sample Collection and Preparation

- 3.1 Collect at least 80 grams of soil from the sample collection point. Take care to insure that the sample is representative of the general background to include visible concentrations of hydrocarbons and soil types. If necessary, prepare a composite sample for soils obtained at several points in the sample area. Take care to insure that no loose vegetation, rocks or liquids are included in the sample(s).
- 3.2 The soil sample(s) shall be immediately inserted into a one-quart or larger polyethylene freezer bag. Care should be taken to insure that no cross-contamination occurs between the soil sample and the collection tools or sample processing equipment.
- 3.3 The sealed sample bag should be massaged to break up any clods.

4.0 Sample Preparation

- 4.1 Tare a clean glass vial having a minimum 40 ml capacity. Add at least 10 grams of the soil sample and record the weight.
- 4.2 Add at least 10 grams of reverse osmosis water to the soil sample and shake for 20 seconds.
- 4.3 Allow the sample to set for a period of 5 minutes or until the separation of soil and water.
- 4.4 Carefully pour the free liquid extract from the sample through a paper filter into a clean plastic cup if necessary.

5.0 Titration Procedure

- 5.1 Using a graduated pipette, remove 10 ml extract and dispense into a clean plastic cup.
- 5.2 Add 2-3 drops potassium chromate (K_2CrO_4) to mixture.
- 5.3 If the sample contains any sulfides (hydrogen or iron sulfides are common to oilfield soil samples) add 2-3 drops of hydrogen peroxide (H_2O_2) to mixture.
- 5.4 Using a 1 ml pipette, carefully add .282 normal silver nitrate (one drop at a time) to the sample while constantly agitating it. Stop adding silver nitrate when the solution begins to change from yellow to red. Be consistent with endpoint recognition.
- 5.5 Record the ml of silver nitrate used.

6.0 Calculation

To obtain the chloride concentration, insert measured data into the following formula:

$$\frac{.282 \times 35.450 \times \text{ml. AgNO}_3}{\text{ml water extract}} \times \frac{\text{grams of water in mixture}}{\text{grams of soil in mixture}}$$

Using Step 5.0, determine the chloride concentration of the RO water used to mix with the soil sample. Record this concentration and subtract it from the formula results to find the net chloride in the soil sample.

Record all results on the delineation form.

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CAROLYN HAYNES
RICE OPERATING CORP.
122 WEST TAYLOR
HOBBS, NM 88240

Order#: G0205258
Project: None Given
Project Name: EME I-1
Location:

Lab ID: 0205258-01
Sample ID: I-1 Bottom Composite

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		12/14/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	56.5	10.0
TOTAL, C6-C35	56.5	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	69%	70	130
1-Chlorooctadecane	73%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004117-02		12/18/02 17:23	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	97%	80	120
Bromofluorobenzene	100%	80	120

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CAROLYN HAYNES
RICE OPERATING CORP.
122 WEST TAYLOR
HOBBS, NM 88240

Order#: G0205258
Project: None Given
Project Name: EME I-1
Location:

Lab ID: 0205258-02
Sample ID: I-1 Wall Composite

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		12/14/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	63.5	10.0
TOTAL, C6-C35	63.5	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	73%	70	130
1-Chlorooctadecane	74%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0004117-02		12/18/02 17:45	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	0.038	0.025
o-Xylene	0.026	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	118%	80	120
Bromofluorobenzene	117%	80	120

Approval: Jeanne McMurrey 12-20-02
Raland K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

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DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 2

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CAROLYN HAYNES
RICE OPERATING CORP.
122 WEST TAYLOR
HOBBS, NM 88240

Order#: G0205258
Project: None Given
Project Name: EME I-1
Location:

Lab ID: 0205258-01
Sample ID: I-1 Bottom Composite

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20	mg/kg	1	20	9253	12/16/02	SB

Lab ID: 0205258-02
Sample ID: I-1 Wall Composite

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	35.4	mg/kg	1	20	9253	12/16/02	SB

Approval: Jeanne McMurrey 12-20-02
Raland K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CAROLYN HAYNES
RICE OPERATING CORP.
122 WEST TAYLOR
HOBBS, NM 88240

Order#: G0305397
Project: None Given
Project Name: I-1
Location: EME SWD

Lab ID: 0305397-01
Sample ID: I-1 Lift #1

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/7/03	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	16.0	10.0
DRO, >C12-C35	466	10.0
TOTAL, C6-C35	482	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	92%	70	130
1-Chlorooctadecane	91%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004278-02		1/7/03 15:13	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	80%	80	120
Bromofluorobenzene	101%	80	120

Approval: *Jeanne McMurrey* 01-08-03
Rand K. Tottle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CAROLYN HAYNES
RICE OPERATING CORP.
122 WEST TAYLOR
HOBBS, NM 88240

Order#: G0305554
Project:
Project Name: EME SWD 1-1
Location: EME SWD 1-1

Lab ID: 0305554-01
Sample ID: 1-1 Lift #1

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	213	mg/kg	1	20	9253	1/27/03	SB

Approval: R. Tuttle 1-27-03
Date
Rand K. Tuttle, Lab Director, QA Officer
Coley D. Keene, Org. Tech. Director
Jeanne McMarrey, Inorg. Tech. Director
Sandra Bierugbe, Lab Tech
Sara Molina, Lab Tech

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ANALYTICAL REPORT

CAROLYN HAYNES
 RICE OPERATING CORP.
 122 WEST TAYLOR
 HOBBS, NM 88240

Order#: G0306662
 Project:
 Project Name: Facility I-1
 Location:

Lab ID: 0306662-01
 Sample ID: 1st Lift above clay liner

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor		
		6/6/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	953	10.0
TOTAL, C6-C35	953	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	112%	70	130
1-Chlorooctadecane	108%	70	130

Approval: *Coley D. Keene 06/10/03*
 Raland K. Tuttle, Lab Director, QA Officer
 Celey D. Keene, Org. Tech. Director
 Jeanne McMurrey, Inorg. Tech. Director
 Sandra Biezugbe, Lab Tech.
 Sara Molina, Lab Tech.

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CAROLYN HAYNES
 RICE OPERATING CORP.
 122 WEST TAYLOR
 HOBBS, NM 88240

Order#: G0306807
 Project:
 Project Name: I-1 Facility
 Location: None Given

Lab ID: 0306807-01
 Sample ID: I-1 Facility 2nd Lift 18' BGS

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/25/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	32.8	10.0
DRO, >C12-C35	2,780	10.0
TOTAL, C6-C35	2,813	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	106%	70	130
1-Chlorooctadecane	113%	70	130

Approval: *Jeanne McMurray* 06-26-03
 Raland K. Tuttle, Lab Director, QA Officer Date
 Celey D. Keene, Org. Tech. Director
 Jeanne McMurray, Inorg. Tech. Director
 Sandra Blezuga, Lab Tech.
 Sara Molina, Lab Tech.

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CAROLYN HAYNES
RICE OPERATING CORP.
122 WEST TAYLOR
HOBBS, NM 88240

Order#: G0306807
Project:
Project Name: I-1 Facility
Location: None Given

Lab ID: 0306807-01
Sample ID: I-1 Facility 2nd Lift 18' BGS

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	195	mg/kg	1	20	9253	6/24/03	SB

Approval: Jeanne McMurrey 06-26-03
Raland K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

COPY



LABORATORY TEST REPORT
PETTIGREW and ASSOCIATES, P.A.
1110 N. GRIMES
HOBBS, NM 88240
(505) 393-9827



DEBRA P. HICKS, P.E./L.S.I.
WILLIAM M. HICKS, III, P.E./P.S.

To: Rice Operating Corporation
Attn: Carolyn Haynes
122 W. Taylor
Hobbs, NM 88240

Material: Red Clay

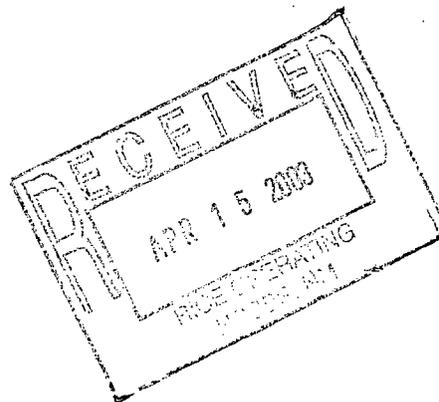
Test Method: ASTM: D 2922

Project: SWDI 1

Date of Test: April 10, 2003

Depth: Finished Subgrade

Test No.	Location	Dry Density % Maximum	% Moisture	Depth
SG-1	40' S & 25' E. of the NW Corner of Pit	104.6	15.5	
SG-2	15' N. & 50' E. of the SW Corner of Pit	95.2	18.5	



Control Density: 106.7
ASTM: D 698

Optimum Moisture: 18.6%

Required Compaction: 95%

Lab No.: 03 2238-2240

Copies To: Rice Operating

COPY

PETTIGREW and ASSOCIATES

BY  P.E./S.E.T.

150

2-17-02

21-4

REF #
2002 42 2126

NEW MEXICO ONE CALL SYSTEM, INC
ONE CALL FORM
1-800-321-2537

I-1

Person Calling DONNIE ANDERSON RALPH ARMISO		Company Rice Operating Company Name: Code 557	
Contact Person DONNIE ANDERSON ROY R. RASCON		Phone: (505) 631-1324 390-5921	
Town SOUTHWEST OF MONUMENT			
Address:			
Range: 36 E	Township: 20 S	Section: 1	Quarter: SE
Work Done By Rice Operating Company WALTON CONST. CO.		For: Rice Operating Company	
Type of Excavation: SOIL BORING Remediation site		Nature of Work: SOIL SAMPLES SITE CLEAN UP	
Due Date: 4/1/02 4/15/02 10-21-02		Time: 11:00 AM For 10 Working Days	
Remarks: From Monument go west 2.3 mile on Highway 322, turn south on Maddox Road and go 1.1 miles. Turn west on lease road and go 2/10 mile, then north 1/10 mile to location. Site is SWD facility. Flag 100' radius of facility fence. Will HAVE AN AREA OF 330' X 330' FENCED off work to be done inside this AREA <u>Chevron. EOTT, El Paso Natural Gas, Dynegy, Navajo Refinery, Rice, Sid Richardson</u>			
Grid Code:		Request Number: 2002131708	

COPY

Carolyn Doran Haynes

From: riceswd
Sent: Thursday, November 07, 2002 3:10 PM
To: psheeley@state.nm.us
Cc: lwjohnson@state.nm.us; WPrice@state.nm.us
Subject: Excavation at RICE SWD I-1

The excavation work at EME SWD Facility I-1 (Monument) is nearing completion. The excavation is large and may reach groundwater (30' BGS) Friday or Monday. All impacted soils related to the redwood tank area and the overflow pit area are being removed and most are being remediated on-site.

The pre-work for this facility work, a redwood tank closure, was submitted to NMOCD in April, 2002.

A site map with driving directions will be dropped off at your office this afternoon. If you have any questions, please contact CD Haynes at the Rice Operating office.

11/4/2004

Begie Sharp

From: "Price, Wayne" <WPrice@state.nm.us>
To: "riceswd" <riceswd@gte.net>
Sent: Friday, January 24, 2003 1:38 PM
Subject: RE: EME SWD System I-1: Possible Groundwater Impact

Thank You!

-----Original Message-----

From: riceswd [mailto:riceswd@gte.net]
Sent: Friday, January 24, 2003 1:30 PM
To: WPrice@state.nm.us
Cc: psheeley@state.nm.us
Subject: EME SWD System I-1: Possible Groundwater Impact

Wayne,

This is the notification for possible groundwater impact near the EME SWD System Facility Site I-1, Unit Letter I, Sec. 1, T20S, R36E. A monitor well will be installed to confirm the groundwater status as soon as it can be scheduled.

Additionally, here is some background information and the attachment is a graphic overview of the site. Please call if you have questions or suggestion/preference of monitor well location.

Rice Operating Company (ROC) suspects that the "near-site" EME System 10" AC pipeline has impacted groundwater possibly from two separate sites on this pipeline. A 4" pipeline, now abandoned, that entered the I-1 facility also appears to exhibit significant historical environmental impact. Vadose zone excavation under the 10" pipeline will be conducted as soon as the pipeline and boot-box are re-located away from the suspect area (probably to the east of the facility). At this time, ROC cannot safely excavate near the pipeline due to the fragility of the AC pipeline and the still-open excavation of the tank and pit area. The 10" line transports approximately 9,000 barrels of water per day. ROC has been actively pursuing line replacement procedures in order to facilitate this line re-location as soon as possible so that remediation activities can continue.

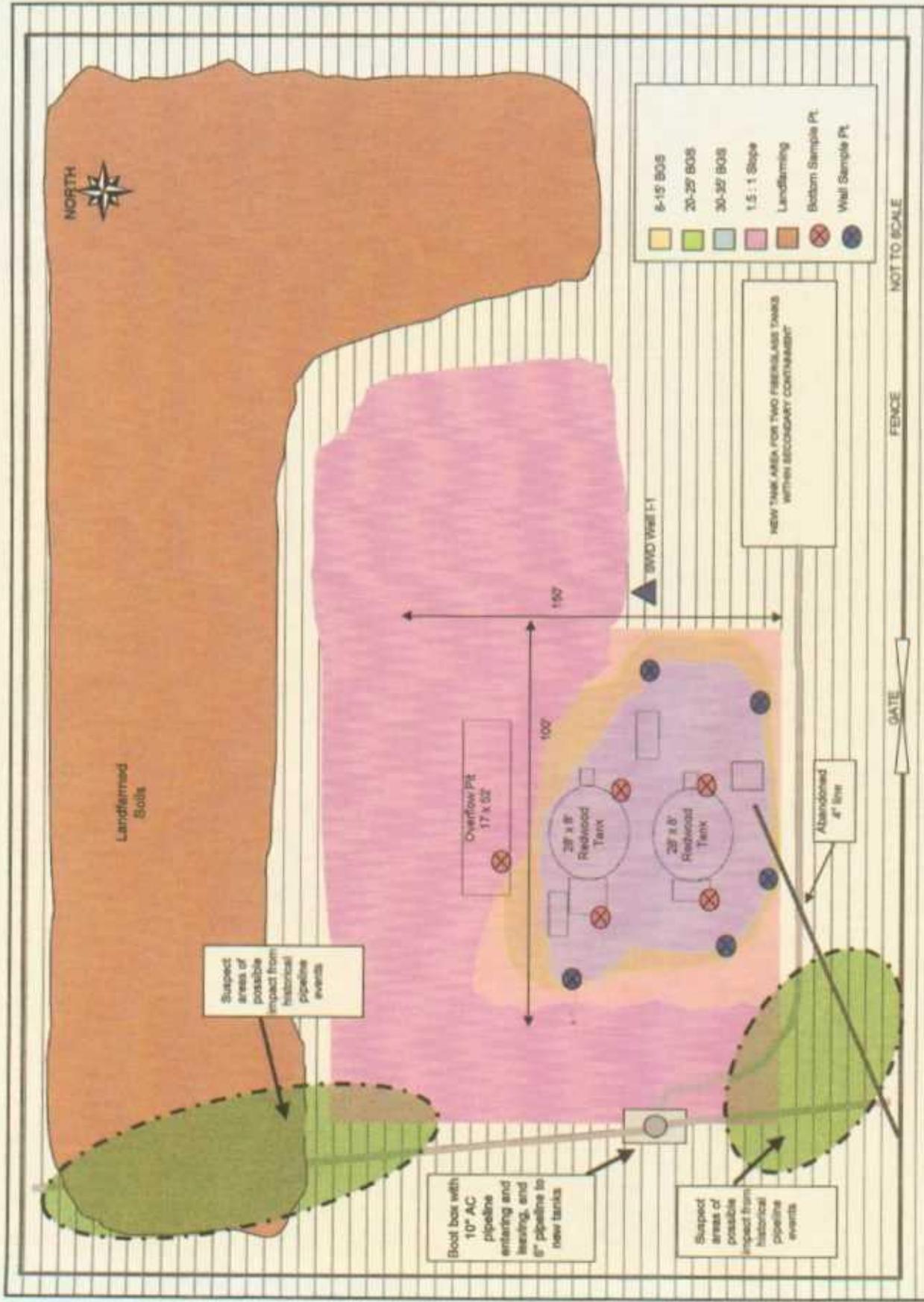
The redwood tanks and pit areas have been excavated and a clean bottom was established (both field tests and lab tests). NMOCD in Hobbs was notified of significant sampling events. The site continues to be in active remediation with landfarming and backfilling. The excavation report for the redwood tanks and pit will be submitted to NMOCD upon completion of the backfill. An additional report will be submitted when excavation for the 10" pipeline area is completed.

This site is on state land, and these details have been discussed with the leaser, Mr. Red Byrd, who has told ROC there is quite a lot of confirmed groundwater impact in the very near surrounding area: the Monument Dynegy and El Paso gas plants, EOTT, historical sites for several producers and transporters, etc. I have assured him that ROC will continue to investigate and perform remediation as necessary.

ROC will notify NMOCD as soon as confirmation of groundwater quality is secured.

Thank you,
Carolyn Doran Haynes

COPI
COPY



Rice Operating Company
 122 West Taylor
 Hobbs, NM 88240
 (505) 383-9174

Bottom and Wall Composite Sample Points
 Sampled 12-09-02

Redwood Tank and Emergency Overflow Pit Excavation
 BWD Wall 1-1
 Unit Letter 1, Sec 1-7205-R06E
 Lea County, New Mexico

COPY

Carolyn Doran Haynes

From: riceswd
Sent: Thursday, February 06, 2003 11:42 AM
To: RCANDERSON@state.nm.us
Cc: WPrice@state.nm.us
Subject: Fw: EME SWD System I-1: Possible Groundwater Impact

Mr. Roger Anderson
OCD Environmental Bureau Chief

Mr. Anderson:

Please find below notification of EME SWD System SWD Facility I-1 site of possible groundwater impact. If there are any questions, please don't hesitate to call.

Thank you

Carolyn Doran Haynes
Rice Operating Company

— Original Message —

From: riceswd
To: WPrice@state.nm.us
Cc: psheeley@state.nm.us
Sent: Friday, January 24, 2003 1:30 PM
Subject: EME SWD System I-1: Possible Groundwater Impact

Wayne,

This is the notification for possible groundwater impact near the EME SWD System Facility Site I-1, Unit Letter I, Sec. 1, T20S, R36E. A monitor well will be installed to confirm the groundwater status as soon as it can be scheduled.

Additionally, here is some background information and the attachment is a graphic overview of the site. Please call if you have questions or suggestion/preference of monitor well location.

Rice Operating Company (ROC) suspects that the "near-site" EME System 10" AC pipeline has impacted groundwater possibly from two separate sites on this pipeline. A 4" pipeline, now abandoned, that entered the I-1 facility also appears to exhibit significant historical environmental impact. Vadose zone excavation under the 10" pipeline will be conducted as soon as the pipeline and boot-box are re-located away from the suspect area (probably to the east of the facility). At this time, ROC cannot safely excavate near the pipeline due to the fragility of the AC pipeline and the still-open excavation of the tank and pit area. The 10" line transports approximately 9,000 barrels of water per day. ROC has been actively pursuing line replacement procedures in order to facilitate this line re-location as soon as possible so that remediation activities can continue.

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This site is on state land, and these details have been discussed with the leaser, Mr. Red Byrd, who has told ROC there is quite a lot of confirmed groundwater impact in the very near surrounding area: the Monument Dynegy and

11/4/2004

El Paso gas plants, EOTT, historical sites for several producers and transporters, etc. I have assured him that ROC will continue to investigate and perform remediation as necessary.

ROC will notify NMOCD as soon as confirmation of groundwater quality is secured.

Thank you,
Carolyn Doran Haynes

11/4/2004



PATRICK H. LYONS
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE

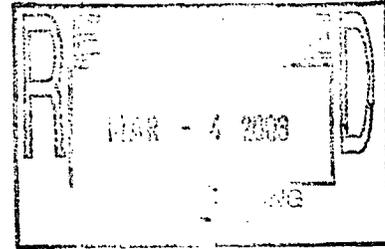
Phone (505) 827-5760

Fax (505) 827-5766

www.nmstatelands.org

February 27, 2003

Carolyn Haynes
Rice Operating Company
122 W. Taylor
Hobbs, NM 88240



Re: Right-of-Entry Permit No. ROE-717

Dear Ms. Haynes:

Enclosed is an approved copy of the captioned right-of-entry permit. If any corrections are necessary, please let us know and we will retype or amend this permit as necessary.

If you have any questions, please feel free to contact this office at the above address or at (505) 827-5728 or 5729.

Sincerely,

Lorrie Gasca, Management Analyst
Surface Resources Division

COPY

**NEW MEXICO STATE LAND OFFICE
Patrick Lyons, Commissioner of Public Lands
New Mexico State Land Office Building
P.O. Box 1148, Santa Fe, NM 87504-1148**

**RIGHT OF ENTRY PERMIT
CONTRACT NO. 717**

RECEIVED
MAY 9 2003
NEW MEXICO STATE LAND OFFICE

1. RIGHT OF ENTRY PERMIT

This permit is hereby issued under the authority established by Section 19-1-2 NMSA (1985). Therefore, and in consideration of and subject to the terms, covenants, conditions, agreements, obligations and reservations contained in the permit and all other existing rights, the Commissioner of Public Lands, New Mexico State Land Office, State of New Mexico, hereinafter called "COMMISSIONER," grants to **Rice Operating Company of 122 W. Taylor, Hobbs, NM 88240** hereinafter called "PERMITTEE," authorized use of a specific tract(s) of state trust land described in this permit.

2. TERM AND LAND DESCRIPTION

Right of entry is granted for a term of 3 months commencing **January 27, 2003 to April 27, 2003** to the following state lands: **NE4SE4 of Section 1, Township 20 South, Range 36 East.**

3. FEE.

No charge.

4. PERMITTED USE

Permitted use is for the purpose of: **Storage of soil excavated from the SWD-062 site in conjunction with the remediation of the site as required by The Oil Conservation Division. Reseeding of affected area upon completion of project. The granting of this permit does not allow access across private lands.**

5. IMPROVEMENTS

No improvements shall be placed on the premises without the prior written consent of the Commissioner.

6. RESERVATIONS

Commissioner reserves the right to execute permits on the land granted by this permit for mining purposes and for the extraction of oil, gas, salt, geothermal resources, and other mineral deposits therefrom and the right to go upon, explore for, mine, remove and sell same. Commissioner further reserves the right to sell or dispose of natural surface products of said lands and to grant such other right-of-way and easements as provided for by law.

7. COMPLIANCE WITH LAWS

Permittee shall at its own expense comply fully with and be subject to all regulations, rules,

COPY

ordinances, and requirements of the Commissioner including, but not limited to the Cultural Properties Act, NMSA 1978 as amended. It is illegal for any person or his agent to appropriate, excavate, injure, or destroy any historic, or prehistoric ruin or monument, or any object of historical, archaeological, architectural, or scientific value situated on lands owned or controlled by the State Land Office without a valid permit issued by the Cultural Properties Review Committee and approved by the Commissioner of Public Lands.

8. HOLD HARMLESS

Permittee shall have, save, and hold harmless, indemnify and defend Commissioner and the State of New Mexico, and their agent or agents, in their official and individual capacities, of and from any and all liability claims, losses, or damages arising out of or alleged to arise out of or indirectly connected with the operations of Permittee under this permit off or on the Commissioner's premises or arising out of the presence on the Commissioner's premises of any agent, contractor or subcontractor of Permittee.

9. AMENDMENT

This permit shall not be altered, changed or amended except by an instrument in writing executed by Commissioner and Permittee.

10. WITHDRAWAL

Commissioner reserves the right to withdraw any or all of the land authorized for use under this permit. If applicable, Permittee shall vacate the acreage specified within 30 days after receipt of written notification of withdrawal from the Commissioner.

11. CANCELLATION

The violation by Permittee of any of the terms, conditions or covenants of this permit or the nonpayment by Permittee of the fees due under this permit shall at the option of the Commissioner be considered a default and shall cause the cancellation of this permit 30 days after Permittee has been sent written notice of such.

12. PRESERVE AND PROTECT

The Permittee agrees to preserve and protect the natural environmental conditions of the land encompassed in this permit, and to take those reclamation or corrective actions that are accepted soil and water conservation practices and that are deemed necessary by the Commissioner to protect the land from pollution, erosion, or other environmental degradation.

13. RECLAMATION

The Permittee agrees to reclaim those areas that may be damaged by activities conducted thereon.

14. SPECIAL INSTRUCTIONS AND OR RESTRICTIONS

COPY

RICE Operating Company

122 West Taylor • Hobbs, New Mexico 88240
Phone: (505)393-9174 • Fax: (505) 397-1471

CERTIFIED MAIL

RETURN RECEIPT NO. 7001 2510 0007 2763 5251

April 4, 2002

Mr. Wayne Price
NM Energy, Minerals, and Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 S. St. Francis Drive
Santa Fe, NM 87505

RE: REDWOOD TANK REPLACEMENT/CLOSURE PLAN FOR EUNICE
MONUMENT EUMONT (EME) SWD FACILITY I-1
Unit Letter I, Sec. 1, T20S, R36E
Lea County, New Mexico

Mr. Price:

Rice Operating Company (ROC) takes this opportunity to submit the replacement/closure plan for the below-grade redwood tanks and emergency overflow pit at the Eunice Monument Eumont (EME) Salt Water Disposal Well I-1, located in Unit I, Sec. 1, T20S, R36E, Lea County, NM. This facility is located on land owned by the State of New Mexico.

ROC is the service provider (operator) for the EME Salt Water Disposal System and has no ownership of any portion of the pipeline, well or facility. The EME System is owned by a consortium of oil producers, System Partners, who provide all operating capital on a percentage ownership/usage basis. Closure projects of this magnitude require System Partner AFE approval and work begins as funds are received.

The Project AFE for the SWD I-1 Facility has been approved by the System Partners and work is ready to begin now.

The EME SWD I-1 facility is included in the ROC generic closure plan for emergency pits and below-grade redwood tanks and is the tenth ROC-operated facility to apply under the generic plan. The EME SWD System will replace the below-grade redwood tank with above-ground, fiberglass tanks (including an emergency overflow tank) set with secondary containment (poly-liner). The emergency overflow pit site will be remediated in conjunction with tank site. ROC expects to close the tank and overflow pit areas pursuant to NMOCD guidelines and the ROC generic work plan for below-grade redwood tanks and emergency overflow pits. The enclosed C-103 form addresses this

intention and defines the site-specific assessment for OCD guidelines. Supporting documentation is also enclosed.

A permanent tank system will be installed at this site. The below-grade redwood tanks will be dismantled and removed. The tank materials will be properly disposed at an approved oilfield waste facility and documentation will be included in the Final Closure Report.

ROC will schedule all major events with a 48-hour advance notice to the NMOCD. The Final Closure Report will follow at the end of the project.

Thank you for your consideration of this below-grade redwood tank and emergency overflow pit closure plan.

RICE OPERATING COMPANY



Donnie Anderson
Project Leader-Environmental

Enclosures

Cc: CDH, file,

Mr. Chris Williams
NMOCD, District 1 Office
1625 N. French Drive
Hobbs, NM 88240

Mr. Leon Anderson
NM State Land Office
3830 N. Grimes
Hobbs, NM 88240

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 87240
 District II
 811 South First, Artesia, NM 87210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised March 25, 1999

OIL CONSERVATION DIVISION
 1220 S. St. Francis Drive
 Santa Fe, NM 87505

WELL API NO. 30-025-04150
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
 Oil Well Gas Well Other SWD Well

7. Lease Name or Unit Agreement Name:
 Eunice Monument-Eumont (EME)

2. Name of Operator
 RICE OPERATING COMPANY

8. Well No.
 I-1

3. Address of Operator
 122 W. TAYLOR, HOBBS, NM 88240

9. Pool name or Wildcat
 SAN ANDRES

4. Well Location
 Unit Letter I : 2310 feet from the SOUTH line and 530 feet from the EAST line
 Section 1 Township 20S Range 36E NMPM LEA County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
 3560' GL; 3577' DF

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK PLUG AND ABANDON
 TEMPORARILY ABANDON CHANGE PLANS
 PULL OR ALTER CASING MULTIPLE COMPLETION
 OTHER: Redwood Tank and Overflow Pit Closure

REMEDIAL WORK ALTERING CASING
 COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT
 CASING TEST / CEMENT JOB
 OTHER:

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Proposed work according to NMOCD approved generic closure plan for below-grade redwood tanks and emergency overflow pits:
 Install fiberglass tanks within secondary containment and reroute lines to new tanks. Delineate site for contamination, remove redwood tanks and clean-up pit and tank locations pursuant to NMOCD guidelines. Work to begin late in May, 2002. All major events including boring, sampling events, will be coordinated to allow 48 hrs notice to NMOCD.

Information from the USGS groundwater database estimated depth to ground water at <50' and indicate closest water well to be in Unit Letter "J" of Sec. 1, T20S, R36E which is more than 1000' from the facility at SWD Well I-1. Topographic maps show no indication of surface water bodies within 1000' of the I-1 facility. A site review indicated no water sources within 1000' of I-1.

Depth to Groundwater: <50' = 20; Water source within 1000' = 0; No surface water body within 1000' = 0
 Site Assessment = 20

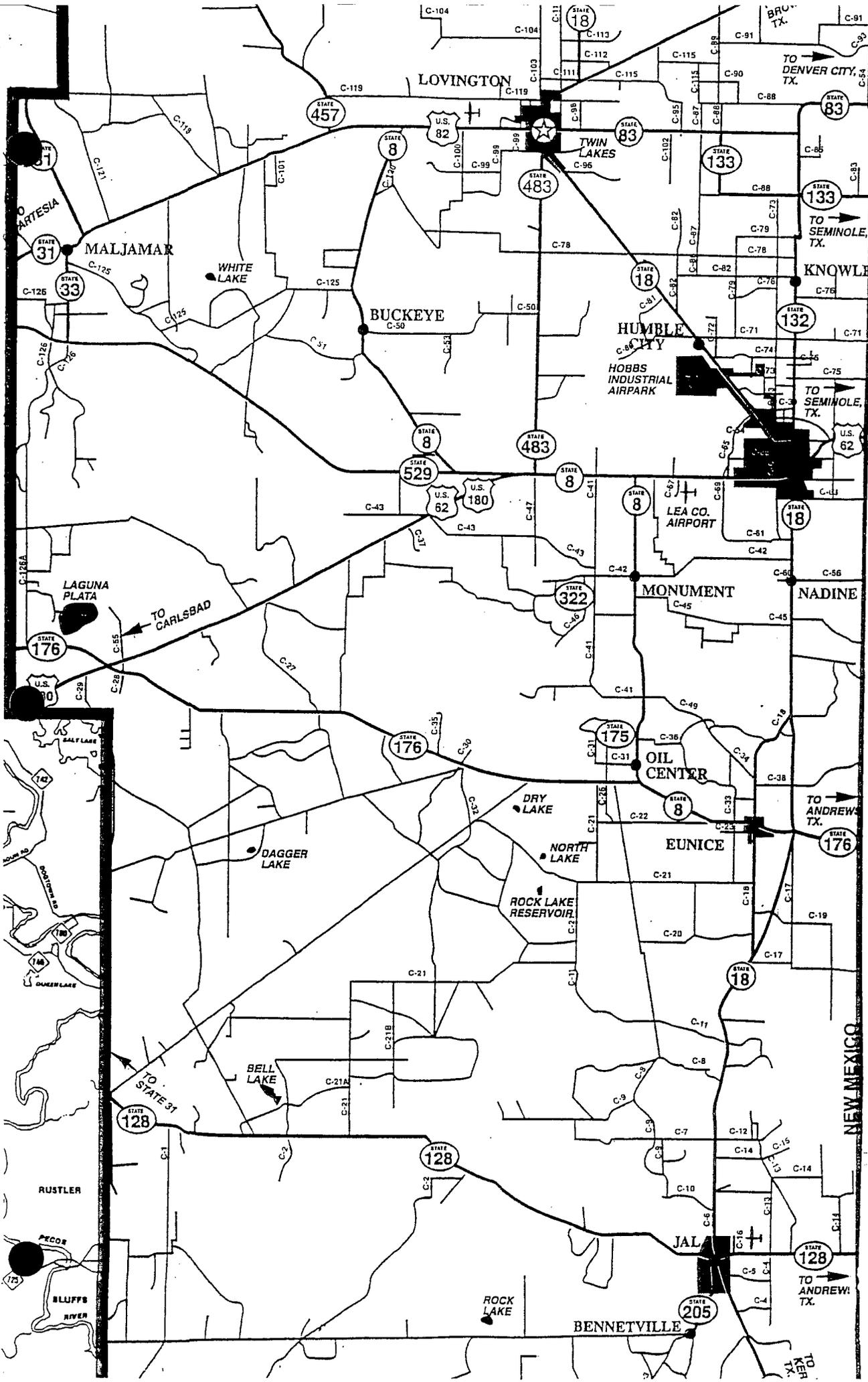
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

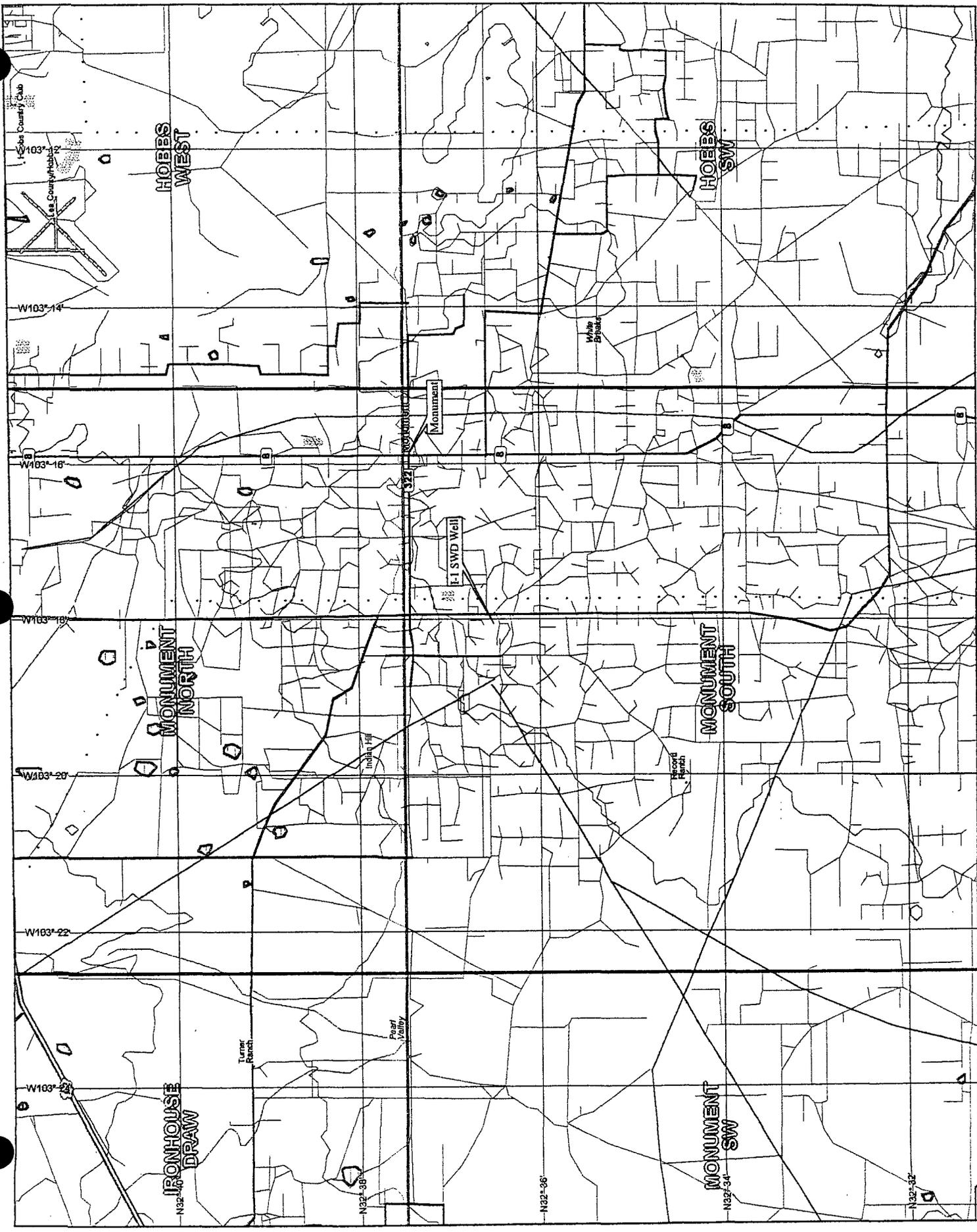
SIGNATURE Donnie Anderson TITLE Project Leader-Environmental DATE 04/04/02

Type or print name Donnie Anderson Telephone No. 505-393-9174

(This space for State use)

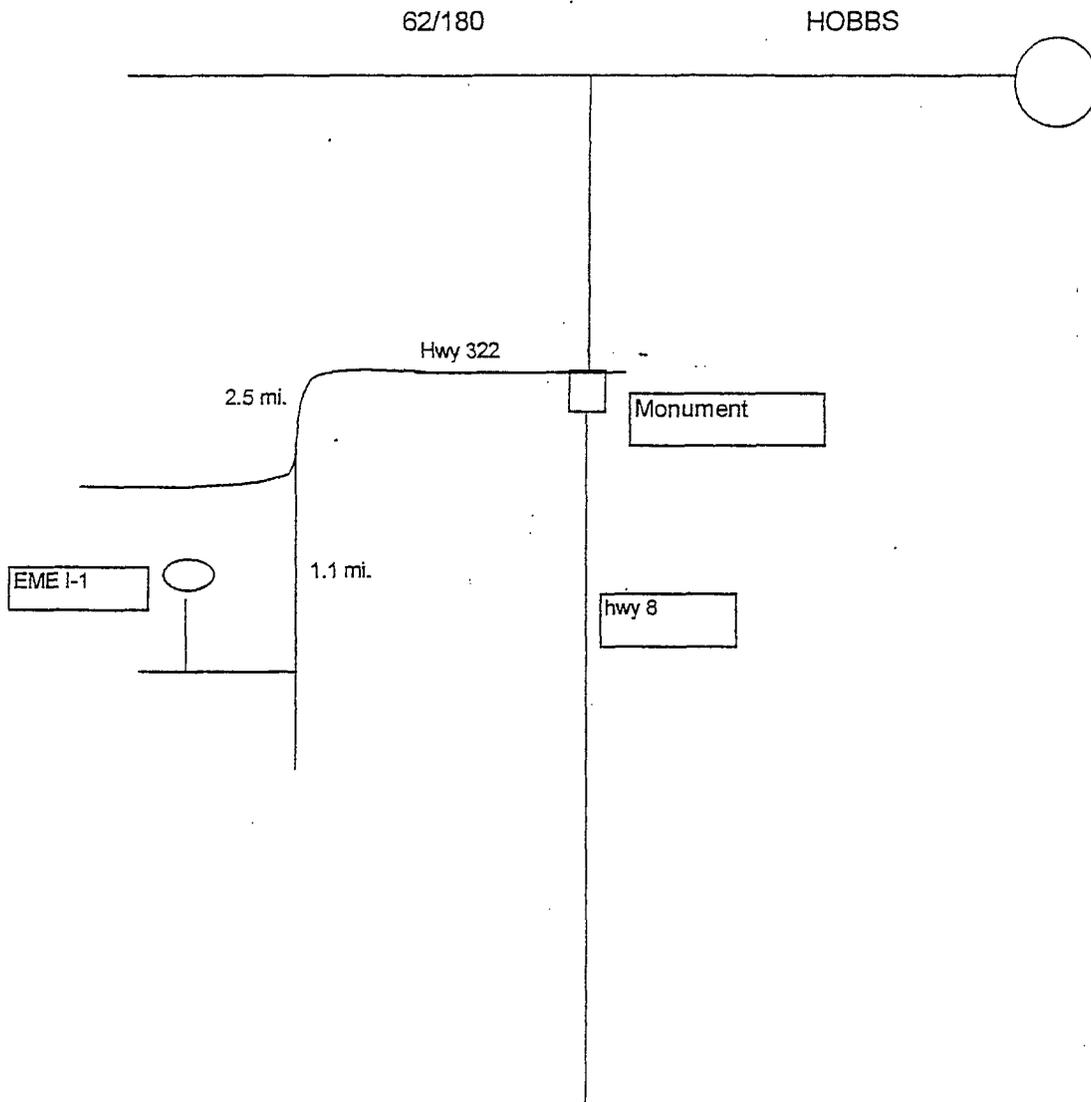
APPROVED BY _____ TITLE _____ DATE _____

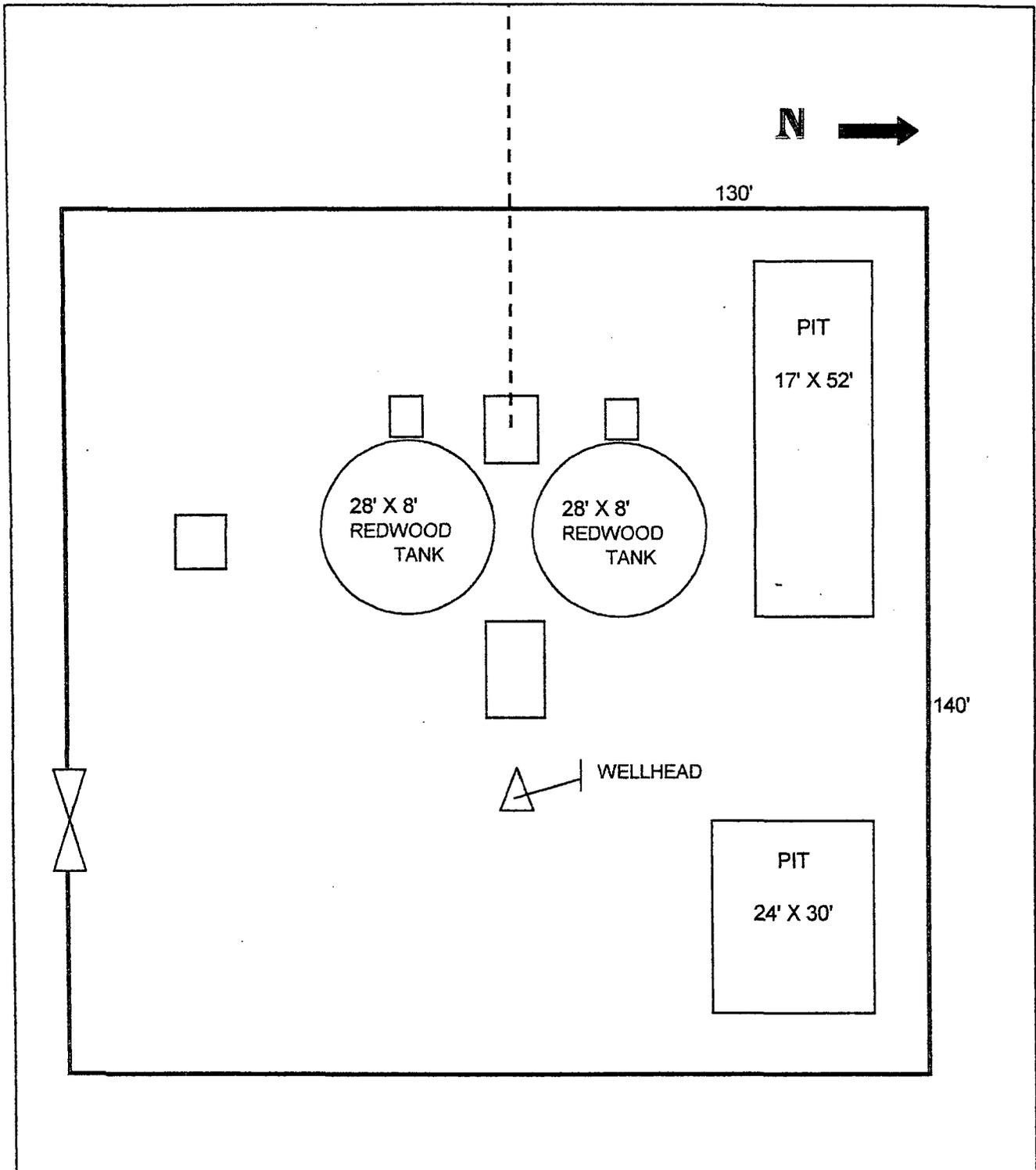




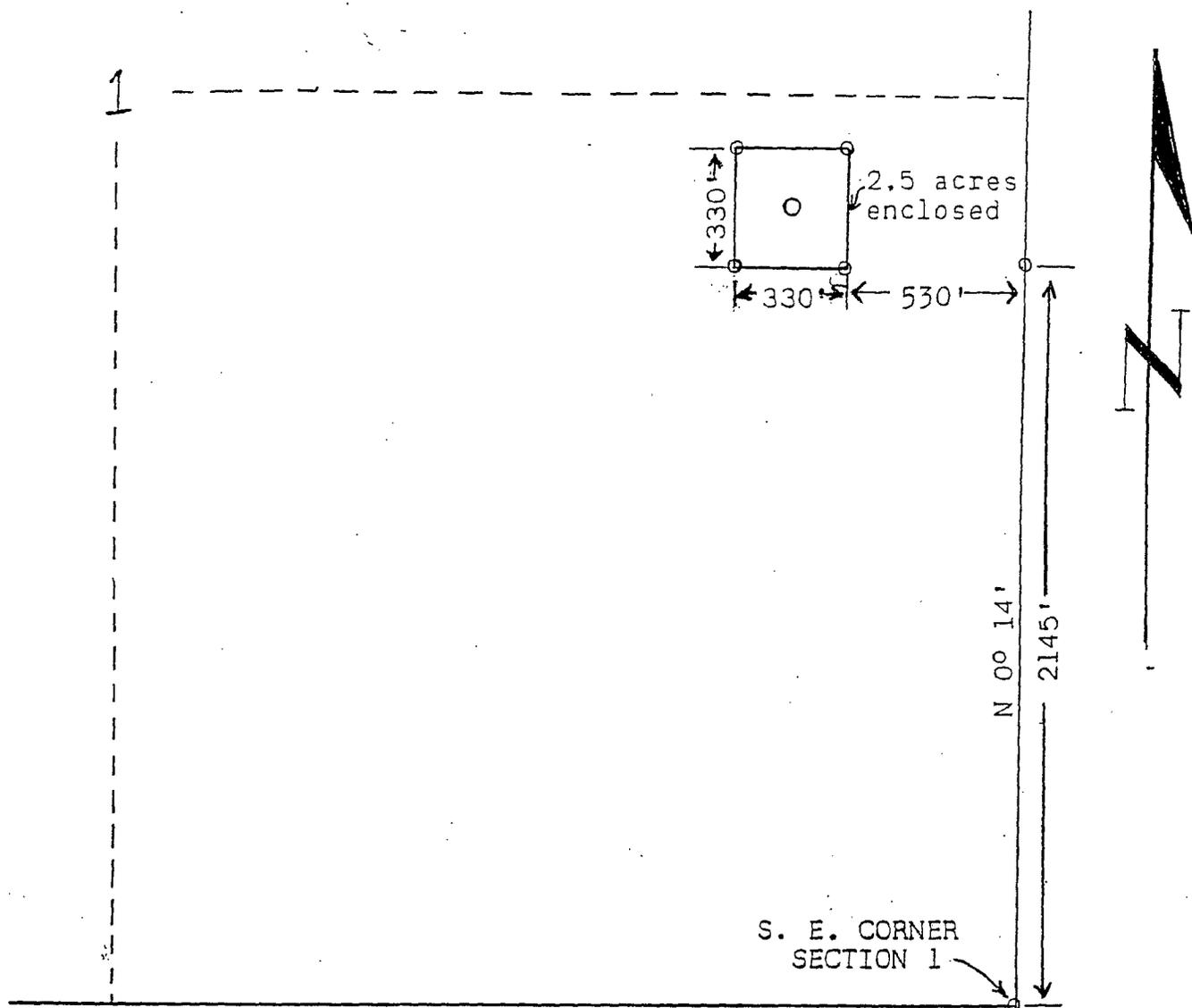
System: EME
Well: I-1
Legals: 1-20S-36E

From the junction of Hwy 322 and Hwy 8 in Monument go west and south on Hwy 322 for 2.5 miles. Turn left and go 1.1 miles south on calachie rd. Turn right and go 1/10 mile west. Turn right and go 1/10 mile north to location.





<p>Rice Operating Company 122 W. Taylor Hobbs, NM 88240 505-393-9174</p>	<p>SITE MAP 04/02/2002</p>	<p>I-1 SWD Facility EME SWD System Unit I, Sec. 1, T20S, R36E Lea County, NM</p>
------------------------------------------------------------------------------------------------------------------------	------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------



SECTION 1, T-20-S, R-36-E

All that certain parcel or tract of land in the NE $\frac{1}{4}$ SE $\frac{1}{4}$, of Section 1, Township 20 South, Range 36 East, Lea County, New Mexico.

Beginning at a point 2145 feet N 0° 14' E. and 530 feet West of the Southeast corner of Section 1, which is the Southeast corner of this tract; thence North 330 feet to a point, the Northeast corner of this tract; thence West 330 feet to a point, the Northwest corner of this tract; thence South 330 feet to a point, the Southwest corner of this tract; thence East 330 feet to the place of beginning, said tract contains 2 $\frac{1}{2}$ acres, more or less.

DWN			BUSINESS LEASE NO. 480 E-M-E SWD Well No. I-1	SCALE 1" = 500'
			Rice Engineering & Operating, Inc. Hobbs, New Mexico	DWG NO.

RICE Operating Company

122 West Taylor • Hobbs, New Mexico 88240
Phone: (505)393-9174 • Fax: (505) 397-1471

SITE PROFILE

Location

The Eunice Monument Eumont (EME) SWD Facility I-1 is situated approximately 2 miles west and 1 mile south of Monument, NM. A map of the area is included in this report.

Site History

The site is used as a flow-through collection and injection facility for salt-water disposal of the EME Salt Water Disposal System. The facility used two 28' diameter below-grade redwood tanks as flow-through collection vessels. There are two emergency overflow pits at this site. The SWD Well I-1 is located at this site. A map of the facility is included in this report.

A new fiberglass tank facility will be installed at the I-1 facility in an area where the vadose zone has been adequately remediated. Then the two below-grade redwood tanks will be removed and properly disposed and the emergency pit areas delineated. A 30-mil polyethylene liner will provide secondary containment for the two 21.5' diameter flow-through fiberglass tanks. A 21.5' diameter fiberglass overflow tank will also be set to provide for extra containment. This upgrade is scheduled to start in May 2002.

Land Use

This facility is on State land. The 2.5 acre disposal facility site lease agreement with the State of New Mexico has been in effect since 2000 and will continue until 2002. The primary use of this land is oil and gas production. The topography is unremarkable.

Distance to Surface and Ground Water

There are no domestic water wells within 200' of the facility. The vertical distance to groundwater at this site is estimated to be 33' bgs. EOTT has an environmental remediation site located northeast of this facility with 7 monitor wells. The closest monitor well is located 500' northeast of the I-1 facility.

NEW MEXICO STATE LAND OFFICE

SALT WATER DISPOSAL EASEMENT

SALT WATER DISPOSAL

EASEMENT NO. **SWD-062**

THIS AGREEMENT, dated this 28th day of June, 2000, made and entered into between the State of New Mexico, acting by and through the undersigned, its Commissioner of Public Lands, hereinafter called the grantor, and Rice Operating Co., of 122 W. Taylor, Hobbs, New Mexico 88240, hereinafter called the grantee,

WITNESSETH:

That, whereas, the said grantee has filed in the Land Office an application for salt water disposal easement and has tendered the sum of \$500.00, together with the sum of \$30.00 application fee;

NOW, THEREFORE, in consideration of the foregoing tender, receipt of which is acknowledged, and the covenants herein, grantor does grant to the grantee a salt water disposal easement for the sole and only purpose of underground disposal of salt water produced in connection with oil and gas operations, together with the right to make such reasonable use of the land as may be necessary to dispose of said salt water. Said easement shall cover the following described lands:

<u>INSTITUTION</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>SUBDIVISION</u>	<u>ACRES</u>
C.S.	01	20S	36E	Portion Within NE $\frac{1}{4}$ SE $\frac{1}{4}$	2.50

TO HAVE AND TO HOLD said lands and privileges hereunder for a term of Two years from the date first above written, subject to all terms and conditions hereinafter set forth:

1. Grantee shall pay the grantor the sum of \$500.00 annually, in advance.

2. With the consent of the grantor and payment of a fee of \$30.00, the grantee may surrender or relinquish this salt water disposal easement to the grantor; provided, however, that this surrender clause shall become absolutely inoperative immediately and concurrently with the filing of any suit in any court or law or equity by the grantor or grantee or any assignee to enforce any of the terms of this salt water disposal easement.

3. The grantee, with the prior written consent of the grantor, may assign his salt water disposal easement in whole only. Upon approval of the assignment, in writing, by the grantor, the grantee shall stand relieved from all obligations to the grantor with respect to the lands embraced in the assignment, and the grantor shall likewise be relieved from all obligations to the assignor as to such tracts, and the assignee shall succeed to all of the rights and privileges of the assignor with respect to such tracts and shall be held to have assumed all of the duties and obligations of the assignor to the grantor as to such tracts.

4. The grantor may cancel this salt water disposal easement for non-payment of annual consideration or for violation of any of the terms and covenants hereof; provided, however, that before any such cancellation shall be made, the grantor must mail to the grantee or assignee, by registered mail, addressed to the post office address of such grantee or assignee, shown by the records, a thirty-day notice of intention to cancel said salt water disposal easement, specifying the default for which the salt water disposal easement is

subject to cancellation. No proof of receipt of notice shall be necessary and thirty days after such mailing, the grantor may enter cancellation unless the grantee shall have sooner remedied the default.

5. The grantee shall furnish copies of records and such reports and plats of his operations, including any and all data relating to geological formations as the grantor may reasonably deem necessary to his administration of the lands.

6. Grantee may make or place such improvements and equipment upon the land as may reasonably be necessary to dispose of salt water, and upon termination of this salt water disposal easement for any reason, grantee may remove such improvements and equipment as can be removed without material injury to the premises; provided, however, that all sums due the grantor have been paid and that such removal is accomplished within one year of the termination date or before such earlier date as the grantor may set upon thirty days written notice to the grantee. All improvements and equipment remaining upon the premises after the removal date, as set in accordance with this paragraph, shall be forfeited to the grantor without compensation. All pipelines constructed hereunder shall be buried below plow depth.

7. This salt water disposal easement is made subject to all the provisions and requirements applicable thereto which are to be found in various acts of the legislature of New Mexico and the rules of the Commissioner of Public Lands of the State of New Mexico, the same as though they were fully set forth herein, and said laws and rules, so far as applicable to this salt water disposal easement, are to be taken as a part hereof.

8. All the obligations, covenants, agreements, rights and privileges of this salt water disposal easement shall extend to and be binding and inure to the benefit of the lawful and recognized assigns or successors in interest of the parties hereto.

9. Grantee shall post with grantor a bond or undertaking in an amount required by grantor in favor of the owner of improvements lawfully located upon the lands herein to secure payment of damage, if any, done to such improvements by reason of grantee's operations.

10. Payment of all sums due hereunder shall be made at the office of the Commissioner of Public Lands, 310 Old Santa Fe Trail, P. O. Box 1148, Santa Fe, New Mexico 87504-1148.

11. Grantee, including his heirs, assigns, agents, and contractors shall at their own expense fully comply with all laws, regulations, rules, ordinances, and requirements of the city, county, state, federal authorities and agencies, in all matters and things affecting the premises and operations thereon which may be enacted or promulgated under the governmental police powers pertaining to public health and welfare, including but not limited to conservation, sanitation, aesthetics, pollution, cultural properties, fire, and ecology. Such agencies are not to be deemed third party beneficiaries hereunder; however, this clause is enforceable by the grantor as herein provided or as otherwise permitted by law.

12. Grantee shall save and hold harmless, indemnify and defend the State of New Mexico, the Commissioner of Public Lands, and his agent or agents, in their official and individual capacities, of and from any and all liability claims, losses, or damages arising out of or alleged to arise out of or indirectly connected with the operations of grantee hereunder, off or on the herein above described lands, or the presence on said lands of any agent, contractor or sub-contractor of grantee.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
J. Drawer DD, Artesia, NM 88211-0719

Permit No. H-66
(For Division Use Only)

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

APPLICATION FOR EXCEPTION TO DIVISION ORDER R-8952 FOR PROTECTION OF MIGRATORY BIRDS Rule 8(b), Rule 105(b), Rule 312(h), Rule 313, or Rule 711(I)

Operator Name: Rice Engineering Corporation

Operator Address: 122 W. Taylor, Hobbs, New Mexico 88240

Lease or Facility Name E-M-E SWD System Well I-1 Location I 1 20S 36E
Ut. Ltr. Sec. Twp. Rge

Size of pit or tank: 50'x23'x8' deep, approx. 1600 bbls.

Operator requests exception from the requirement to screen, net or cover the pit or tank at the above-described facility.

The pit or tank is not hazardous to migratory waterfowl. Describe completely the reason pit is non-hazardous.

The pit is used only in emergencies such as major well remedial work.

Normally kept empty.

1) If any oil or hydrocarbons should reach this facility give method and time required for removal:

Method: Vacuum truck

Time: Within 24 hrs. of discovery

2) If any oil or hydrocarbons reach the above-described facility the operator is required to notify the appropriate District Office of the OCD with 24 hours.

Operator proposes the following alternate protective measures: _____

CERTIFICATION BY OPERATOR: I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature S. A. Haktanir Title Division Manager Date July 25, 1990

Printed Name S. A. Haktanir Telephone No. 393-9174

FOR OIL CONSERVATION DIVISION USE

Date Facility Inspected 8/7/90

Approved by _____

Inspected by [Signature]

Title _____

Date _____

District I - (505) 393-6161
P.O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Bonito Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Originated 6/27/97

Submit Original
Plus 1 Copy
to Santa Fe

PIT INVENTORY FORM

Operator: RICE OPERATING COMPANY

Address: 122 WEST TAYLOR

HOBBS, NEW MEXICO 88240

Phone Number: (505) 393-9174

Previous Operator(s): None

Is the pit permitted: Yes No

Unit Letter: I Section: 1 Township: 20S 22S Range: 36E 37E

County: Lea County

Location Name: Funice-Monument-Fumont Salt Water Disposal Well #20 I-1 (COH 3-22-99)

Number of wells to the pit: system terminal tanks (varies)

Are the wells to the pit operated by one operator or multiple operators

Total daily volume (in barrels) to the pit: 2,500

Pit Type: 2-below ground redwood terminal tanks

(Emergency Production, Workover Reserve/Drilling (greater than 6 months old), Flare, Blowdown, Separator, Dehydrator, Line Drip, BSW/Tank Bottoms, Compressor Piggings, Washdown, or other)

What types of wastes are accepted in the pit (Exempt, Non-exempt, Both, None): Exempt (production water)

Pit age (years): 35

Is the pit lined or unlined

Type of liner (None, Synthetic, Clay): Redwood tank resting on concrete pad

Is leak detection present: Yes No Observation boxes around tanks

Is the pit netted: Yes No Covered with redwood top

Pit dimensions (LxWxD): two-28'DiaX8'Ht

CERTIFICATION

I hereby certify that the information submitted is true and correct to the best of my knowledge and belief.

Name: Roger Hall Title: Operations Engineer

Signature: Roger Hall Date: 10/30/97

A pit is defined as any below grade or surface feature which receives any materials other than fresh water.

District I - (505) 393-6161
 P.O. Box 1980
 Hobbs, NM 88241-1980
 District II - (505) 748-1283
 811 S. First
 Artesia, NM 88210
 District III - (505) 334-6178
 1000 Rio Brazos Road
 Aztec, NM 87410
 District IV - (505) 827-7131

New Mexico
 Energy Minerals and Natural Resources Department
 Oil Conservation Division
 2040 South Pacheco Street
 Santa Fe, New Mexico 87505
 (505) 827-7131

Originated 6/27/97

Submit Original
Plus 1 Copy
to Santa Fe

PIT INVENTORY FORM

Operator: RICE OPERATING COMPANY

Address: 122 WEST TAYLOR
HOBBS, NEW MEXICO 88240

Phone Number: (505) 393-9174

Previous Operator(s): None

Is the pit permitted: Yes No

Unit Letter: I Section: 1 Township: 20S Range: 36E

County: Lea County

Location Name: EME Salt Water Disposal System Well I-1

Number of wells to the pit: 1

Are the wells to the pit operated by one operator or multiple operators

Total daily volume (in barrels) to the pit: None

Pit Type: Emergency
(Emergency, Production, Workover, Reserve/Drilling (greater than 6 months old), Flare, Blowdown, Separator, Dehydrator, Line Drip, BS&W/Tank Bottoms, Compressor Piggings, Washdowns, or other)

What types of wastes are accepted in the pit (Exempt, Non-exempt, Both, None): Exempt (production water)

Pit age (years): 35

Is the pit lined or unlined

Type of liner (None, Synthetic, Clay): None

Is leak detection present: Yes No

Is the pit netted: Yes No

Pit dimensions (LxWxD): 50' X 23' X 8'

CERTIFICATION

I hereby certify that the information submitted is true and correct to the best of my knowledge and belief.

Name: Roger Hall Title: Operations Engineer

Signature: Roger Hall Date: 10/28/97

A pit is defined as any below grade or surface feature which receives any materials other than fresh water.

RICE Operating Company

122 West Taylor • Hobbs, New Mexico 88240
Phone: (505)393-9174 • Fax: (505) 397-1471

CERTIFIED MAIL
RETURN RECEIPT NO. Z 577 009 529

February 23, 2000

Mr. Wayne Price
NM Energy, Minerals and Natural Resources Department
Oil Conservation Division, Environmental Bureau
2040 S. Pacheco
Santa Fe, NM 87505

Re: Revision: Generic Closure Plan for Existing Pits and Below-Grade Redwood Tanks

Mr. Price:

As discussed in our telephone conversation February 22, Rice Operating Company (ROC) is submitting a further revision of the generic work plan for closing redwood tanks and emergency overflow pits that are presently inventoried in the ROC-operated SWD systems in Lea County. (ROC has no ownership of pipelines, wells, or facilities. Each system is owned by a consortium of oil producers, System Partners, who provide operating capital based on percent ownership or usage. Closure projects require AFE approval and work begins as funds are received.)

The revisions ROC proposes involve the on-site disposal of non-impacted concrete when practical and the use of a compacted clay layer rather than poly-liner for lining excavations. Also proposed is a revision to the closure procedure, adding an OCD verbal approval step in order for ROC to timely continue with installation of new surface facilities.

Closure reports for two locations, F-29 (two-year sampling of groundwater) and H-35 (closed), have been processed with the OCD. The P-25 location closure report has been submitted. Locations C-2 and L-21 are in remediation activity right now and Donna Williams has visited both sites. The C-2 site excavation will be managed with RE Environmental and the L-21 site will be managed with Whole Earth. ROC expects to be able to schedule final sampling for early March at both sites. The AFE has been approved for two additional sites in the Eunice-Monument-Eumont area with work start-up planned for early summer.

Thank you for your consideration of these revisions. If you have any questions, please call.



Carolyn Doran Haynes
Operations Engineer

Cc KH; file; Ms. Donna Williams, OCD District I, Hobbs, NM

Closure Plan for Below Grade Redwood Tank

1. Submit C-103 form to NMOCD along with the site-specific location, site assessment, work plan, time schedule, sampling and testing plan, etc., all pursuant to NMOCD guidelines.
2. Procure soil samples from 3' below bottom of tanks (9-11' below grade) at tank sides.
 - A. If soil samples are < 100ppm TPH and < 250ppm Chlorides, proceed to Step 4.
 - B. If soil samples are > 100ppm THP or > 250ppm Chlorides, proceed to Step 3.
3. Delineate any portion of tank site that is > 100ppm TPH or > 250ppm Chlorides with a backhoe or soil boring machine, obtaining samples for field and lab analysis at 5' intervals.
 - A. When field analysis of bored-sample determines < 100ppm TPH and < 250ppm Cl, boring will be suspended pending laboratory analysis confirmation. Proceed to Step 4.
 - B. If these parameter levels are not identified, then boring and sampling will continue to ground water. Upon reaching groundwater, the borehole will be cased and developed. Ground water samples will be procured and tested for major cations and anions, TDS and BETX levels. If ground water is found to exceed the WQCC standards, NMOCD will be notified immediately and the closure plan will move into Rule 19 procedures.
4. Write AFE to System Partners as directed by results of delineation of redwood tank site and of emergency pit (if both are at facility). Await approval and funding for site closing.
5. Move onto SWD facility site with temporary tank system. Re-route fluid flow from below grade redwood tanks into the temporary tank system. Plumb to SWD well.
6. Empty and clean redwood tanks, properly disposing of any BS & W. Excavate sides of redwood tanks to allow for working space to manipulate tank support banding. Remove redwood tanks reserving boards for proper disposal.
7. Excavate ramp into redwood tank hole. Remove and properly dispose of concrete base if impacted. If concrete is not impacted, use as fill (below plow depth) in excavation area.
8. Remove impacted soil (as practical) to eliminate hot spots; dispose per NMOCD guidelines.
9. Procure random 5-point composite bottom sample from 3' below tank bottom and random 4-point composite side sample for lab TPH, Benzene, and BTEX testing.
 - A. If <100ppm TPH; BTEX, Benzene <10ppm; <250ppm Chlorides; proceed to Step 11.
 - B. If >100ppm TPH; BTEX, Benzene >10ppm; >250ppm Chlorides; in the vadose zone but not reaching groundwater, proceed to Step 10.
10. Evaluate site for risk assessment: delineate to assess depth and horizontal extent of impact corresponding to NMOCD guidelines for site assessment value; excavate bottom and sides as practical to minimize risk; install compacted clay liner to meet or exceed 95% of a Proctor Test ASTM-D-698 with permeability (hydraulic conductivity) equal or less than 1×10^{-7} cm/sec for containment/isolation of impact.
11. Discuss results/risk assessment with NMOCD for verbal approval to proceed with backfill/installation of new tanks and plumbing within engineered secondary containment system.
12. Apply to NMOCD for closure of redwood tank site per NMOCD guidelines and site results.

REVISED

4-23-99
2-23-00

Closure Plan for Permitted Emergency Pits

1. Submit C-103 form to NMOCD along with the site-specific location, site assessment, work plan, time schedule, sampling and testing plan, etc., all pursuant to NMOCD guidelines.
2. Remove and properly dispose of visibly contaminated soil pursuant to NMOCD guidelines.
3. Procure soil samples from surface and 3' below excavation bottom and excavation sides.
 - A. If soil samples are < 100ppm TPH and < 250ppm Chlorides, proceed to Step 6.
 - B. If soil samples are > 100ppm THP or > 250ppm Chlorides, proceed to Step 4.
4. Delineate any portion of excavation that is > 100ppm TPH or > 250ppm Chlorides with a backhoe or soil boring machine, obtaining samples for field and lab analysis at 5' intervals.
 - A. When field analysis of bored-sample determines < 100ppm TPH and < 250ppm Cl, boring will be suspended pending laboratory analysis confirmation. Proceed to Step 5.
 - B. If these parameter levels are not identified, then boring and sampling will continue to ground water. Upon reaching groundwater, the borehole will be cased and developed. Ground water samples will be procured and tested for major cations and anions, TDS and BETX levels. If ground water is found to exceed the WQCC standards, NMOCD will be notified immediately and the closure plan will move into Rule 19 procedures.
5. Write AFE to System Partners as directed by results of delineation of redwood tank site and of emergency pit (if both are at facility). Await approval and funding for site closing
6. Remove impacted soil (as practical) to eliminate hot spots; dispose per NMOCD guidelines.
7. Procure random 5-point composite bottom sample and random 4-point composite side sample for laboratory TPH, Benzene, and BTEX testing.
 - A. If <100ppm TPH; BTEX, Benzene <10ppm; <250ppm Chlorides; proceed to Step 9.
 - B. If >100ppm TPH; BTEX, Benzene >10ppm; >250ppm Chlorides; in the vadose zone but not reaching groundwater, proceed to Step 8.
8. Evaluate site for risk assessment: delineate to assess depth and horizontal extent of impact corresponding to NMOCD guidelines for site assessment value; excavate bottom and sides as practical to minimize risk; install compacted clay liner to meet or exceed 95% of a Proctor Test ASTM-D-698 with permeability (hydraulic conductivity) equal or less than 1×10^{-7} cm/sec for containment/isolation of impact.
9. Discuss results/risk assessment with NMOCD for verbal approval to proceed with backfill.
10. Apply to NMOCD for closure of permitted emergency pit site per NMOCD guidelines and site results.

riceswd

From: riceswd <riceswd@gte.net>
To: <WPrice@state.nm.us>
Cc: <psheeley@state.nm.us>
Sent: Wednesday, April 09, 2003 2:17 PM
Subject: Clay Liner Test at EME I-1

Wayne:

We were able to complete the clay layer compaction at the EME Facility I-1 today and Pettigrew will be on location 4-10-03 to conduct the compaction test. Paul Sheely of the Hobbs COD office has been notified by phone.

The I-1 Facility is in progress for the redwood tank and overflow pit remediation. The NMOCD has already been notified of suspected groundwater impact that will be fully investigated at the completion of the excavatoin and backfill.

Because TPH concentrations may slightly exceed 100 ppm for the backfill soil (landfarmed on site) the clay barrier is being installed. Chloride concentrations have tested to be 150-400 ppm.

A full report of the excavation, landfarming, and backfill will be submitted to the NMOCD upon completion of the vadose zone project (probably late May.)

If there are any questions, please don't hesitate to call.

Carolyn Haynes
Rice Operating Company
505-393-9174

COPY

4/9/03

RICE Operating Company

122 West Taylor
Hobbs, NM 88240
Phone: (505) 393-9174
Fax: (505) 397-1471

TO:

Eileen

FROM:

CD Harper

FAX NUMBER:

393-15143

DATE:

4-9-03

COMPANY:

Pette quarry + Assoc.

TOTAL NO. OF PAGE INCLUDING COVER:

1 + over

RE:

Compaction test for EME I-1

NOTES/COMMENTS:

for April 10 @ 8am

here are directions to location.

Roy Rascon w/ Walton is Site
Supervisor mobile: 390-5921

Any questions, please call

Thank you!

Carolyn
Harper

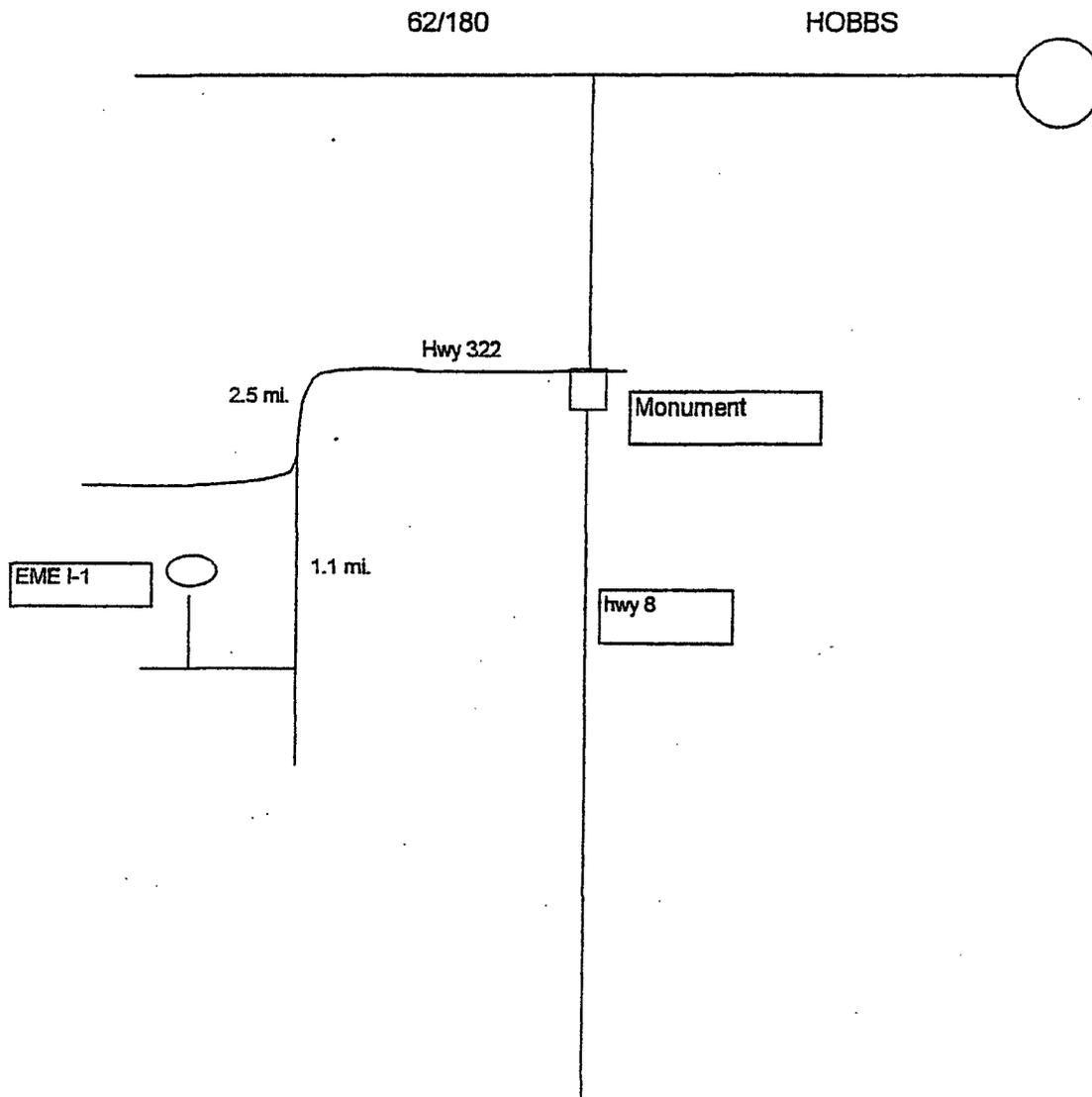
IF YOU DO NOT RECEIVE ALL PAGES INCLUDED, PLEASE CALL THE OFFICE PHONE NUMBER LISTED AT THE TOP OF THIS PAGE-THANK YOU

notified Paul Shelby about the test
4-9-03 2pm CDH -

COPY

System: EME
Well: I-1
Legals: 1-20S-36E

From the junction of Hwy 322 and Hwy 8 in Monument go west and south on Hwy 322 for 2.5 miles. Turn left and go 1.1 miles south on calachie rd. Turn right and go 1/10 mile west. Turn right and go 1/10 mile north to location.



COPY

RICE OPERATING COMPANY

122 W TAYLOR
Hobbs, NM 88240
505-393-9174

TAILGATE SAFETY MEETING

DATE: 10-31-02

CONTRACTORS: WALTON CONST

LOCATION: Rice I-1

SUBJECT:

Watch For Lines, Poly, TRANSITE, P.V.C.
H²S, GAS OFF OF TANKS, AND WATER BOOT
P.P.E. STEEL TOE BOOTS, HARD HATS.
SAFETY GLASSES. H²S MONITORS.

WIND DIRECTION: North TO South

INSTRUCTOR: Mike Naegels

ATTENDEES SIGNATURE:

Casey H. Decibel, Jr.
Ramon Hernandez
David Carrasco
Chm. Datta
Ray A. RASLON
Juan Nunez

COPY

RICE OPERATING COMPANY

122 W TAYLOR
Hobbs, NM 88240
505-393-9174

TAILGATE SAFETY MEETING

DATE: 11-27-02

CONTRACTORS: Walton Const. Co.

LOCATION: Rice I-1

SUBJECT:

STD PPE, 4 way Gas monitor in hole, steep walls
Moving equip., unengrd, Burled lines, 2-10" transite,
1-10" Poly, 1-4" Poly

WIND DIRECTION: North

INSTRUCTOR: Roy R. Rascon

ATTENDEES SIGNATURE:

Roy R. Rascon
Rascon, Roy
Chun Baten

COPY

RICE OPERATING COMPANY

122 W TAYLOR
Hobbs, NM 88240
505-393-9174

TAILGATE SAFETY MEETING

DATE: 12-19-02

CONTRACTORS: WALTON Const. Co.

LOCATION: RICE I-1

SUBJECT:

STD PPE, steep slopes, uneven grd, Buried P/Ls
2-10" TRANSITE, 1-10" Poly, 1-4" Poly

WIND DIRECTION: North

INSTRUCTOR: Roy R. Rascon

ATTENDEES SIGNATURE:

<u>Mick Nap</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

COPY

--	--	--

RICE OPERATING COMPANY
122 W TAYLOR
HOBBS, NM 88240
505 - 393 - 9174

TAILGATE SAFETY MEETING

DATE 1-29-03

CONTRACTORS: WALton Const. Co.

LOCATION: RICE SWD Well I-1

SUBJECT:

Steep walls, Buried P/L 2-10" TRANSSES, 1-10" Poly
1-4" Poly,

WIND DIRECTION: _____

INSTRUCTOR: Ray R. Rascon

ATTENDEES SIGNATURE:

Eberto Amiceros _____

COPY

--	--	--

RICE OPERATING COMPANY
122 W TAYLOR
HOBBS, NM 88240
505 - 393 - 9174

TAILGATE SAFETY MEETING

DATE 4-29-03

CONTRACTORS: WALTON Const. Co.

LOCATION: Rice SWD I-1

SUBJECT:

STD PPE (H2S monitor, Hard Hat, steel toe boots)

2-10" Transite, 1-10" Poly, 1-4" Poly, moving equip.

WIND DIRECTION: South

INSTRUCTOR: Roy R. Roscan

ATTENDEES SIGNATURE:

[Signature]
Ernesto Encinas

COPY

--	--	--

RICE OPERATING COMPANY
122 W TAYLOR
HOBBS, NM 88240
505 - 393 - 9174

TAILGATE SAFETY MEETING

DATE 5-12-03

CONTRACTORS: WALTON CONCRETE CO.

LOCATION: SWD I-1 & ^{TEXACO} BRUNSON EOL

SUBJECT:
SWD I-2
2-10" TRANSITE LINES 1-10" Poly, 1-4" Poly, Steep Slopes, SHEER

Walls, H2S STD PPE, TEXACO BRUNSON EOL TRAFFIC LANE, TARP

EVERY LOAD, MOVING EQUIP.

WIND DIRECTION: CALM

INSTRUCTOR: ROY R. ROSEN

ATTENDEES SIGNATURE:
Dominique Martinez
Mark Nyls
Ernesto Cervantes
Chris Gordan
Mitchel Mayo

COPY

--	--	--

RICE OPERATING COMPANY
122 W TAYLOR
HOBBS, NM 88240
505 - 393 - 9174

TAILGATE SAFETY MEETING

DATE 6-12-03

CONTRACTORS: WALton Const. Co.

LOCATION: SWD I-2

SUBJECT:

2-10" Transite Buried, 1-10" Buried Poly, 1-4" Buried Poly, SHEER WALLS,

Moving Equip, STD. PPE (Hard Hat, Steel toe boots, Safety glasses)

H2S monitor

WIND DIRECTION: South EAST

INSTRUCTOR: Roy R. Rascon

ATTENDEES/SIGNATURE

<u><i>Roy R. Rascon</i></u>	

COPY

--	--	--

RICE OPERATING COMPANY
122 W TAYLOR
HOBBS, NM 88240
505 - 393 - 9174

TAILGATE SAFETY MEETING

DATE 7-23-03

CONTRACTORS: WALTON

LOCATION: II

SUBJECT:

Fence Removal - Caution on Pinch Points
handling Barb wire P.P.E. Watch for SNAKES

WIND DIRECTION: SE

INSTRUCTOR: TORRES

ATTENDEES SIGNATURE:

Jose TOVAR _____

Antonio Torres _____

Alfredo Albana _____

COPY

*** TX REPORT ***

TRANSMISSION OK

TX/RX NO 3980
CONNECTION TEL 15058276157
SUBADDRESS
CONNECTION ID
ST. TIME 11/12 15:53
USAGE T 01'39
PGS. SENT 3
RESULT OK

122 West Taylor, Hobbs, NM 88240
Phone: (505) 393-9174
Fax: (505) 397-1471

RICE Operating Company

Fax

To: Joseph Lopez, SLO **From:** Carolyn Doran Haynes
Fax: 505-827-6157 **Pages:** Cover + 2
Phone: 505-827-4003 **Date:** 11/12/02
Re: EME SWD System, Well I-1 **CC:**

Urgent **For Review** **Please Comment** **Please Reply** **Please Recycle**

• **Comments:**

Dear Mr. Lopez:

Excavation at the site continues. Until this week, we believed we could manage within the lease acreage, but now with the depth at 30', we need more surface area for soil storage and maneuvering in order to maintain a safe work site for the excavators.

Anything we can do to expedite this process will be very much appreciated. (The local land office has been kept abreast of the activities here, with the full plan submitted to them as well as the NMOCD in April, 2002 when work began to replace the redwoods and overflow pit.)

If I can be of further assistance, please contact me at the above number.

Thank you,

Carolyn Haynes

COPY

RICE Operating Company

122 West Taylor • Hobbs, New Mexico 88240
Phone: (505)393-9174 • Fax: (505) 397-1471

November 12, 2002

Joseph Lopez
NM State Land Office
P. O. Box 1148
Santa Fe, NM 87504-1148

RE: EME SWD Well I-1
Business Lease No. 480

Dear Mr. Lopez:

Rice Operating Company (ROC) has recently upgraded the below-grade redwood tank facility at EME SWD Well I-1 with two 500-bbl fiberglass tanks: one for flow-through capacity and the other is for overflow. ROC has placed the new terminal tanks within a secondary containment-berm lined with a 40-mil polyethylene liner in order to prevent any future environmental impact, thus relieving any closure implications at the end of the new facility's service.

The area formerly occupied by the below-grade redwood tanks and the emergency overflow pit is now being remediated according to NMOCD approved ROC generic closure plan. The excavation has become larger than expected and more surface area is needed to maintain a safe and efficient work/excavation environment. ROC has been working within the 2.5 acre leased area; however, ROC is now requesting permission (or a right-of-entry permit) to temporarily expand the working area 100 feet to the north to accommodate soil movement/storage.

A plat of the current business lease is attached with the added detail of the requested temporary expansion. ROC expects to use this expansion for less than one year and probably for only two or three months. The area is vegetated with natural growth and there is no unusual topography. ROC will re-seed when the use is terminated.

If there are any other questions or any other information needed, please feel free to call.

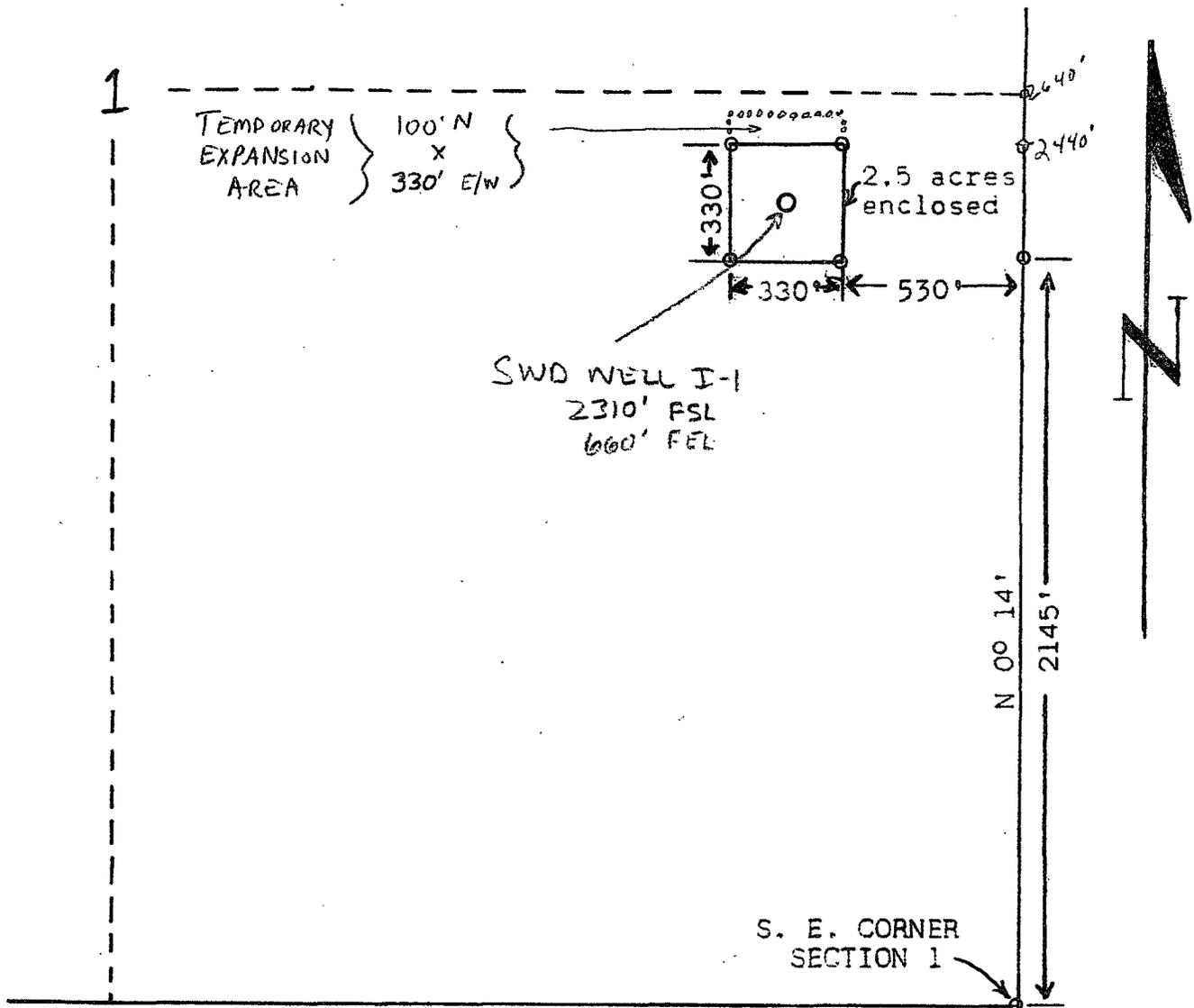
Thank you,


Carolyn Doran Haynes
Engineering Manager

Attachment

cc: LBG, file
fax: 505-827-6157

505-827-6157



SECTION 1, T-20-S, R-36-E

All that certain parcel or tract of land in the NE $\frac{1}{4}$ SE $\frac{1}{4}$, of Section 1, Township 20 South, Range 36 East, Lea County, New Mexico.

Beginning at a point 2145 feet N 0° 14' E. and 530 feet West of the Southeast corner of Section 1, which is the Southeast corner of this tract; thence North 330 feet to a point, the Northeast corner of this tract; thence West 330 feet to a point, the Northwest corner of this tract; thence South 330 feet to a point, the Southwest corner of this tract; thence East 330 feet to the place of beginning, said tract contains 2 $\frac{1}{2}$ acres, more or less.

DWN		BUSINESS LEASE NO. 480	SCALE
		E-M-E SWD Well No. I-1	1" = 500'
		Rice Engineering & Operating, Inc.	DWG NO.
		Hobbs, New Mexico	



MANIFEST # 6614

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/23/02

DATE

CELL NUMBER MATERIAL PLACED IN:

A-2

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-23-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/23/02
DATE

MANIFEST # 6615

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/23/02
DATE

CELL NUMBER MATERIAL PLACED IN:

A-2

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-23-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations, exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/23/02
DATE

MANIFEST # 6616

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: NON-HAZARDOUS HYDROCARBONS
QUANTITY: 12 YDS.

FACILITY CONTACT:
[Signature]
SIGNATURE OF CONTACT
DATE 10/23/02

CELL NUMBER MATERIAL PLACED IN: A-2

SIGNATURE OF TRANSPORTER (DRIVER):
[Signature]
SIGNATURE OF DRIVER
DATE 10-23-02

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations: and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE
DATE 10/23/02

MANIFEST # 6617

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

Lene L. Capen
SIGNATURE OF CONTACT

10/23/02
DATE

CELL NUMBER MATERIAL PLACED IN:

A-2

SIGNATURE OF TRANSPORTER (DRIVER):

Ramon Hernandez
SIGNATURE OF DRIVER

10-23-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Lene L. Capen
FACILITY REPRESENTATIVE

10/23/02
DATE

MANIFEST # 6618

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/23/02
DATE

CELL NUMBER MATERIAL PLACED IN:

A-2

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-23-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/23/02
DATE

MANIFEST # 6619

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: NON-HAZARDOUS HYDROCARBONS
QUANTITY: 12 YDS.

FACILITY CONTACT:
Ronc De Cepra
SIGNATURE OF CONTACT 10/23/02
DATE

CELL NUMBER MATERIAL PLACED IN: A-2

SIGNATURE OF TRANSPORTER (DRIVER):
Ramon Hernandez
SIGNATURE OF DRIVER 10-23-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations, exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Ronc De Cepra
FACILITY REPRESENTATIVE 10/23/02
DATE

MANIFEST # 6620

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

Lore L. Cogan
SIGNATURE OF CONTACT

10/23/02

DATE

CELL NUMBER MATERIAL PLACED IN:

A-2

SIGNATURE OF TRANSPORTER (DRIVER):

Ramon Hernandez
SIGNATURE OF DRIVER

10-23-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Lore L. Cogan
FACILITY REPRESENTATIVE

10/23/02
DATE

MANIFEST # 6621

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/23/02
DATE

CELL NUMBER MATERIAL PLACED IN:

A-2

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-23-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/23/02
DATE

MANIFEST # 6624

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

Ramon Hernandez
SIGNATURE OF CONTACT

10/23/02
DATE

CELL NUMBER MATERIAL PLACED IN:

A-2

SIGNATURE OF TRANSPORTER (DRIVER):

Ramon Hernandez
SIGNATURE OF DRIVER

10-23-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations, exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Ramon Hernandez
FACILITY REPRESENTATIVE

10/23/02
DATE

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:
NON-HAZARDOUS HYDROCARBONS

QUANTITY:
12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/25/02
DATE

CELL NUMBER MATERIAL PLACED IN:

A-2

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-25-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/25/02
DATE

MANIFEST # CG26

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: QUANTITY:
NON-HAZARDOUS HYDROCARBONS 12 YDS.

FACILITY CONTACT:
[Signature] 10/25/02
SIGNATURE OF CONTACT DATE

CELL NUMBER MATERIAL PLACED IN: A-2

SIGNATURE OF TRANSPORTER (DRIVER):
[Signature] 10-25-02
SIGNATURE OF DRIVER DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations, exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations: and not mixed with non-exempt waste."

[Signature] 10/25/02
FACILITY REPRESENTATIVE DATE

MANIFEST # 6627

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/25/02
DATE

CELL NUMBER MATERIAL PLACED IN:

A-2

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-25-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/25/02
DATE

MANIFEST # 6628

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: QUANTITY:
NON-HAZARDOUS HYDROCARBONS 12 YDS.

FACILITY CONTACT:
[Signature]
SIGNATURE OF CONTACT

10/25/02
DATE

CELL NUMBER MATERIAL PLACED IN: A-2

SIGNATURE OF TRANSPORTER (DRIVER):
[Signature]
SIGNATURE OF DRIVER

10-25-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/25/02
DATE

MANIFEST # 6630

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/25/02
DATE

CELL NUMBER MATERIAL PLACED IN:

A-2

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-25-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/25/02
DATE

MANIFEST # 6631

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/25/02
DATE

CELL NUMBER MATERIAL PLACED IN:

A-2

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-25-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/25/02
DATE

MANIFEST # 6634

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/25/02
DATE

CELL NUMBER MATERIAL PLACED IN:

A-2

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-25-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/25/02
DATE

MANIFEST # 6635

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: QUANTITY:
NON-HAZARDOUS HYDROCARBONS 12 YDS.

FACILITY CONTACT: [Signature]
SIGNATURE OF CONTACT DATE 10/25/02

CELL NUMBER MATERIAL PLACED IN: A-2

SIGNATURE OF TRANSPORTER (DRIVER): [Signature]
SIGNATURE OF DRIVER DATE 10-25-02

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE DATE 10/25/02

MANIFEST # CG36

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: QUANTITY:
NON-HAZARDOUS HYDROCARBONS 12 YDS.

FACILITY CONTACT: 10/25/02
[Signature] DATE
SIGNATURE OF CONTACT

CELL NUMBER MATERIAL PLACED IN: A-2

SIGNATURE OF TRANSPORTER (DRIVER): 10-25-02
[Signature] DATE
SIGNATURE OF DRIVER

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature] 10/25/02
FACILITY REPRESENTATIVE DATE

MANIFEST # 6638

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/25/02
DATE

CELL NUMBER MATERIAL PLACED IN:

A-2

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-25-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/25/02
DATE

MANIFEST # 6639

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/25/02
DATE

CELL NUMBER MATERIAL PLACED IN:

A-2

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-25-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/25/02
DATE

MANIFEST # 6641

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

Lere S. Copra
SIGNATURE OF CONTACT

10/25/02
DATE

CELL NUMBER MATERIAL PLACED IN:

A-2

SIGNATURE OF TRANSPORTER (DRIVER):

Ramon Hernandez
SIGNATURE OF DRIVER

10-25-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Lere S. Copra
FACILITY REPRESENTATIVE

10/25/02
DATE

MANIFEST # 6642

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/25/02
DATE

CELL NUMBER MATERIAL PLACED IN:

A-2

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-25-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/25/02
DATE

MANIFEST # 6643

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE-4S-4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/25/02
DATE

CELL NUMBER MATERIAL PLACED IN :

A-2

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-25-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations: and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/25/02
DATE

MANIFEST # 6644

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE 1/4 S1T20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/25/02
DATE

CELL NUMBER MATERIAL PLACED IN:

A-2

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-25-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/25/02
DATE

MANIFEST # 6645

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/25/02
DATE

CELL NUMBER MATERIAL PLACED IN :

A-2

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-25-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/25/02
DATE

MANIFEST # 6646

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/28/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7
A2

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-28-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/28/02
DATE

MANIFEST # 6647

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 T120S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: QUANTITY:
NON-HAZARDOUS HYDROCARBONS 12 YDS.

FACILITY CONTACT:
[Signature]
SIGNATURE OF CONTACT

10/28/02
DATE

CELL NUMBER MATERIAL PLACED IN: C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-28-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/28/02
DATE

MANIFEST # 6649

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

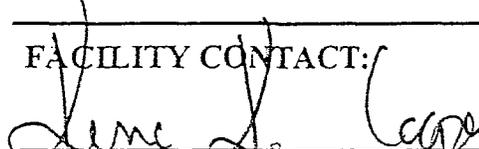
DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:


SIGNATURE OF CONTACT

10-30-02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

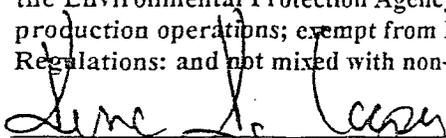
SIGNATURE OF TRANSPORTER (DRIVER):


SIGNATURE OF DRIVER

10-30-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."


FACILITY REPRESENTATIVE

10-30-02
DATE

MANIFEST # 6650

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10-30-02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-30-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10-30-02
DATE

MANIFEST # 6652

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE1/4 S1T20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10-30-02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-30-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10-30-02
DATE

MANIFEST # 6654

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10-30-02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-30-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10-30-02
DATE

MANIFEST # 6656

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: QUANTITY:
NON-HAZARDOUS HYDROCARBONS 12 YDS.

FACILITY CONTACT:
[Signature] 10-30-02
SIGNATURE OF CONTACT DATE

CELL NUMBER MATERIAL PLACED IN: C-7

SIGNATURE OF TRANSPORTER (DRIVER):
[Signature] 10-30-02
SIGNATURE OF DRIVER DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature] 10-30-02
FACILITY REPRESENTATIVE DATE

MANIFEST # 6657

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

Lene De Copen
SIGNATURE OF CONTACT

10-30-02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-30-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Lene De Copen
FACILITY REPRESENTATIVE

10-30-02
DATE

MANIFEST # 6735

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

11/01/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Joel Navarrete / Ray R. Robinson
SIGNATURE OF DRIVER

11-1-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

11/01/02
DATE

MANIFEST # C736

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE-4S4 T120S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

11/01/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

11-1-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

11/01/02
DATE

MANIFEST # 6737

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 T120S R36E
EME SWD SYSTEM 1-

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: QUANTITY:
NON-HAZARDOUS HYDROCARBONS 12 YDS.

FACILITY CONTACT:
Lena Haynes 11/01/02
SIGNATURE OF CONTACT DATE

CELL NUMBER MATERIAL PLACED IN: C-7

SIGNATURE OF TRANSPORTER (DRIVER):
Joel Navarrete / Roy R. Robinson 11-1-02
SIGNATURE OF DRIVER DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Lena Haynes 11/01/02
FACILITY REPRESENTATIVE DATE

MANIFEST # 6660

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE-4S4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:
NON-HAZARDOUS HYDROCARBONS

QUANTITY:
12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/30/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-30-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/30/02
DATE

MANIFEST # 6662

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE+S+ S1T20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/30/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-30-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/30/02
DATE

MANIFEST # 6663

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/30/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-30-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/30/02
DATE

MANIFEST # 6665

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

Carolyn Cooper
SIGNATURE OF CONTACT

10/30/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Chris E. Boster
SIGNATURE OF DRIVER

10-30-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations/exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Carolyn Cooper
FACILITY REPRESENTATIVE

10/30/02
DATE

MANIFEST # 6666

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/30/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-30-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/30/02
DATE

MANIFEST # 6668

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/30/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-30-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/30/02
DATE

MANIFEST # 6669

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

Dore J. Cooper
SIGNATURE OF CONTACT

10/31/02

DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Quinn A. Murray
SIGNATURE OF DRIVER

10/31/02

DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Dore J. Cooper
FACILITY REPRESENTATIVE

10/31/02

DATE

MANIFEST # 6670

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE 4S4 SIT 20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: QUANTITY:
NON-HAZARDOUS HYDROCARBONS 12 YDS.

FACILITY CONTACT: Gene D. Cogan
SIGNATURE OF CONTACT DATE 10/31/02

CELL NUMBER MATERIAL PLACED IN: C-7

SIGNATURE OF TRANSPORTER (DRIVER): Mark A. Murray
SIGNATURE OF DRIVER DATE 10/31/02

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Gene D. Cogan
FACILITY REPRESENTATIVE DATE 10/31/02

MANIFEST # 6671

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: QUANTITY:
NON-HAZARDOUS HYDROCARBONS 12 YDS.

FACILITY CONTACT:
[Signature] 10/31/02
SIGNATURE OF CONTACT DATE

CELL NUMBER MATERIAL PLACED IN: C-7

SIGNATURE OF TRANSPORTER (DRIVER):
[Signature] 10/31/02
SIGNATURE OF DRIVER DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations: and not mixed with non-exempt waste."

[Signature] 10/31/02
FACILITY REPRESENTATIVE DATE

MANIFEST # 6672

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: QUANTITY:
NON-HAZARDOUS HYDROCARBONS 12 YDS.

FACILITY CONTACT: [Signature]
SIGNATURE OF CONTACT DATE 10/31/02

CELL NUMBER MATERIAL PLACED IN: C-7

SIGNATURE OF TRANSPORTER (DRIVER): [Signature]
SIGNATURE OF DRIVER DATE 10/31/02

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE DATE 10/31/02

MANIFEST # 6675

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 T120S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10/31/02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY

P.O. BOX 418

HOBBS, NM 88241-0418

S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6676

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE 1/4 S 1 T 20 S R 36 E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

Dene L. Cooper
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Alan L. Miller
SIGNATURE OF DRIVER

10/31/02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBBS, NM 88241-0418
S 25 T 20 S R 36 E N 2 NE 4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Dene L. Cooper
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6677

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE 4S4 S1T20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

Lene S. Cogan
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Ramon Hernandez
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Lene S. Cogan
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6678

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT

[Signature]
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6679

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE+S4 SIT20S R36E
EMIE SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6680

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 T120S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT

Darc Ls Cogan
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Ramon Hernandez
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Darc Ls Cogan
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6681

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: QUANTITY:
NON-HAZARDOUS HYDROCARBONS 12 YDS.

FACILITY CONTACT: Lera D. Lopez
SIGNATURE OF CONTACT DATE 10/31/02

CELL NUMBER MATERIAL PLACED IN: C-7

SIGNATURE OF TRANSPORTER (DRIVER): Ramon Hernandez
SIGNATURE OF DRIVER DATE 10-31-02

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Lera D. Lopez
FACILITY REPRESENTATIVE DATE 10/31/02

MANIFEST # 6682

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE 1/4 S1 T20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

Dina D. Cepe
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Ramon Hernandez
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Dina D. Cepe
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6683

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

Gene D. Cooper
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Ramon Hernandez
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Gene D. Cooper
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6684

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: QUANTITY:
NON-HAZARDOUS HYDROCARBONS 12 YDS.

FACILITY CONTACT:
Dunc D Cooper
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN: C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Ramon Hernandez
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Dunc D Cooper
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6687

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE 4S4 S1T20S R36E
EMIE SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

Darc L. Capra
SIGNATURE OF CONTACT

10/31/02

DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Ramon Hernandez
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Darc L. Capra
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6688

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

Dore H. Cooper
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Ramon Hernandez
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Dore H. Cooper
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6689

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE 1/4 S17 T20S R36E
EVE SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

Lena J. Coen
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Chen Doran
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Lena J. Coen
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6690

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 T120S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

Dore D. Cooper
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Chris Denton
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Dore D. Cooper
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6691

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 T120S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

Lara S. Coen
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Chm. Gartin
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Lara S. Coen
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6692

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:
NON-HAZARDOUS HYDROCARBONS

QUANTITY:
12 YDS.

FACILITY CONTACT:
Darc L. Cooper
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN: _____

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Chris Martin
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Darc L. Cooper
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6693

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE+S4 SITE0S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:
NON-HAZARDOUS HYDROCARBONS

QUANTITY:
12 YDS.

FACILITY CONTACT:
[Signature]
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN: _____

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6694

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 T120S R36E
EMIE SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:
NON-HAZARDOUS HYDROCARBONS

QUANTITY:
12 YDS.

FACILITY CONTACT

Dore L. Cogen
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Chin Doran
SIGNATURE OF DRIVER

10.31.02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Dore L. Cogen
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6695

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE 4S4 T120S R36E
EMIE SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6696

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 T120S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

Dorc L Cooper
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Chris Gartin
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Dorc L Cooper
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6697

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 T20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:
NON-HAZARDOUS HYDROCARBONS

QUANTITY:
12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6698

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE/4S/4 T20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:
NON-HAZARDOUS HYDROCARBONS

QUANTITY:
12 YDS.

FACILITY CONTACT:
[Signature]
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN: _____

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations, and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6699

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6700

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EMIE SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6701

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

Line J S Cegu
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Chris Dexter
SIGNATURE OF DRIVER

10.31.02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Line J S Cegu
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6702

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EMIE SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:
NON-HAZARDOUS HYDROCARBONS'

QUANTITY:
12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6703

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE 4 S 4 T 20 S R 36 E
EMV SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6704

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6705

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EMIE SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10-31-02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6706

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:
NON-HAZARDOUS HYDROCARBONS

QUANTITY:
12 YDS.

FACILITY CONTACT:
[Signature]
SIGNATURE OF CONTACT

10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN: _____

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

10, 31, 02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

10/31/02
DATE

MANIFEST # 6708

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 S1T20S R36E
EME SWD SYSTEM I-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: NON-HAZARDOUS HYDROCARBONS
QUANTITY: 12 YDS.

FACILITY CONTACT:
[Signature]
SIGNATURE OF CONTACT
10/31/02
DATE

CELL NUMBER MATERIAL PLACED IN: C-7

SIGNATURE OF TRANSPORTER (DRIVER):
[Signature]
SIGNATURE OF DRIVER
10/31/02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE
10/31/02
DATE

MANIFEST # 6710

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
BATE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE-84 S120S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: QUANTITY:
NON-HAZARDOUS HYDROCARBONS 12 YDS.

FACILITY CONTACT:
[Signature]
SIGNATURE OF CONTACT

11/01/02
DATE

CELL NUMBER MATERIAL PLACED IN: C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Just Naimette / Ray R. Rueson
SIGNATURE OF DRIVER

11-1-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

11/01/02
DATE

MANIFEST # C711

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
EUREKA OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAINES

ORIGINATING LOCATION:
NE 484 S 120S R36E
EME SWD SYSTEM #1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS

FACILITY CONTACT:

Lene Kay Cooper
SIGNATURE OF CONTACT

11/10/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Joel Hawarrette / Roy R. Kutschera
SIGNATURE OF DRIVER

11-1-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Lene Kay Cooper
FACILITY REPRESENTATIVE

11/10/02
DATE

MANIFEST # 6714

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 T120S R36E
EME SHD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: QUANTITY:
NON-HAZARDOUS HYDROCARBONS 12 YDS.

FACILITY CONTACT:
[Signature] 11/01/02
SIGNATURE OF CONTACT DATE

CELL NUMBER MATERIAL PLACED IN: C-7

SIGNATURE OF TRANSPORTER (DRIVER):
[Signature] 11.1.02
SIGNATURE OF DRIVER DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature] 11/01/02
FACILITY REPRESENTATIVE DATE

MANIFEST # C715

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE 1/4 S17 T20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: QUANTITY:
NON-HAZARDOUS HYDROCARBONS 12 YDS.

FACILITY CONTACT: [Signature]
SIGNATURE OF CONTACT DATE 11/01/02

CELL NUMBER MATERIAL PLACED IN: C-7

SIGNATURE OF TRANSPORTER (DRIVER): [Signature]
SIGNATURE OF DRIVER DATE 11.1.02

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE DATE 11/01/02

MANIFEST # 6723

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
ACE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAINES

ORIGINATING LOCATION:
NE 4S 4 T20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

11/1/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

11/1/02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

11/1/02
DATE

MANIFEST # 6724

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE 4S4 T120S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: QUANTITY:
NON-HAZARDOUS HYDROCARBONS 12 YDS.

FACILITY CONTACT:
[Signature]
SIGNATURE OF CONTACT

11/01/02
DATE

CELL NUMBER MATERIAL PLACED IN: C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

11.1.02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

11/01/02
DATE

MANIFEST # 6725

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 T20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

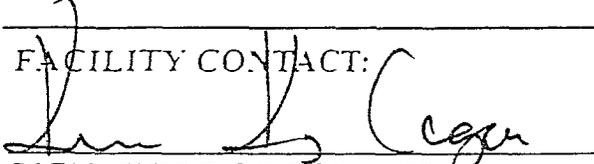
DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:


SIGNATURE OF CONTACT

11/1/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

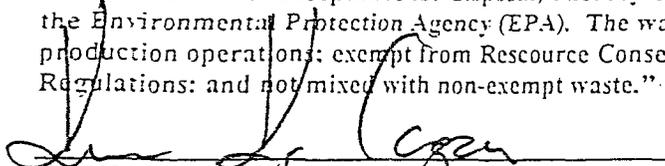

SIGNATURE OF DRIVER

11.1.02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."


FACILITY REPRESENTATIVE

11/1/02
DATE

MANIFEST # 6726

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 T20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

11/01/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

11/1/02
DATE

DISPOSAL SITE

SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

11/01/02
DATE

MANIFEST # 6727

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE 4S 4 T20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

11/10/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

11/1/02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

11/1/02
DATE

MANIFEST # 6728

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

11/01/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

11/1/02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

11/01/02
DATE

MANIFEST # 6729

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE 4S4 T20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]

SIGNATURE OF CONTACT

11/01/02

DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]

SIGNATURE OF DRIVER

11.1.02

DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

11/01/02
DATE

MANIFEST # 6730

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: QUANTITY:
NON-HAZARDOUS HYDROCARBONS 12 YDS.

FACILITY CONTACT:
[Signature] 11/10/02
SIGNATURE OF CONTACT DATE

CELL NUMBER MATERIAL PLACED IN: C-7

SIGNATURE OF TRANSPORTER (DRIVER):
[Signature] 11.1.02
SIGNATURE OF DRIVER DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."
[Signature] 11/10/02
FACILITY REPRESENTATIVE DATE

MANIFEST # 6731

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 T120S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

11/1/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

11/1/02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

11/1/02
DATE

MANIFEST # 6732

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
ROCK OPERATING
122 WEST TAYLOR
HOBBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 SIT20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

Lerc Le Ceger
SIGNATURE OF CONTACT

11/01/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Chris Garton / Ray R. Larson
SIGNATURE OF DRIVER

11-1-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

Lerc Le Ceger
FACILITY REPRESENTATIVE

11/01/02
DATE

MANIFEST # C733

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
RICE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAINES

ORIGINATING LOCATION:
NE4S4 T20S R36E
EME SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: QUANTITY:
NON-HAZARDOUS HYDROCARBONS 12 YDS.

FACILITY CONTACT:
[Signature]
SIGNATURE OF CONTACT

11/01/02
DATE

CELL NUMBER MATERIAL PLACED IN: C-7

SIGNATURE OF TRANSPORTER (DRIVER):

Joel Navarrete / Roy R. Rascon
SIGNATURE OF DRIVER

11-1-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

11/01/02
DATE

MANIFEST # 6734

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
FACE OPERATING
122 WEST TAYLOR
HOBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NE4S4 T120S R36E
EMV SWD SYSTEM 1-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBS, NM 88241-0478

DESCRIPTION OF WASTE: QUANTITY:
NON-HAZARDOUS HYDROCARBONS 12 YDS.

FACILITY CONTACT:
[Signature] 11/10/02
SIGNATURE OF CONTACT DATE

CELL NUMBER MATERIAL PLACED IN: C-7

SIGNATURE OF TRANSPORTER (DRIVER):
Joel Navarrette / Dan R. Roscon 11-1-02
SIGNATURE OF DRIVER DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature] 11/10/02
FACILITY REPRESENTATIVE DATE

MANIFEST # 6738

SOUTH MONUMENT SURFACE WASTE FACILITY

LEASE OPERATOR:
EVE OPERATING
122 WEST TAYLOR
HOBBBS, NM 88240
ATTN: CAROLYN DORAN HAYNES

ORIGINATING LOCATION:
NEAN4 S1120S R36E
EVE SVD SYSTEM-1

TRANSPORTER NAME & ADDRESS:
WALTON CONSTRUCTION COMPANY INC.
P.O. BOX 478
HOBBBS, NM 88241-0478

DESCRIPTION OF WASTE:

QUANTITY:

NON-HAZARDOUS HYDROCARBONS

12 YDS.

FACILITY CONTACT:

[Signature]
SIGNATURE OF CONTACT

11/01/02
DATE

CELL NUMBER MATERIAL PLACED IN:

C-7

SIGNATURE OF TRANSPORTER (DRIVER):

[Signature]
SIGNATURE OF DRIVER

11-1-02
DATE

DISPOSAL SITE
SOUTH MONUMENT SURFACE WASTE FACILITY
P.O. BOX 418
HOBBBS, NM 88241-0418
S25 T20S R36E N/2 NE/4

"As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations; exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations; and not mixed with non-exempt waste."

[Signature]
FACILITY REPRESENTATIVE

11/01/02
DATE