NM1 - 21

GENERAL CORRESPONDENCE

YEAR(S):

1998 - 1997

RHINO
Environmental Services, Inc.
300 Broadway NE • Albuquerque, New Mexico 87102
(505) 242-6464 • Fax (505) 247-4941
5 County Road 6065 • Farmington, New Mexico 87401
(505)598-9626 • Fax (505) 598-9627

March 14, 1998

Ms. Martyne J. Kieling
New Mexico Energy, Minerals, and Natural Resources Department
OIL CONSERVATION DIVISION - ENVIRONMENTAL BUREAU
2040 South Pacheco Street
Santa Fe, New Mexico 87505
Ph: (505) 827-7153
Fx: (505) 827-8177

Re: Additional Information
Commercial Landfarm Application

Dear Ms. Kieling:

In reference to your letter dated February 25, 1998, Rhino Environmental Services, Inc. (Rhino) would like to submit, for your review, the attached additional information.

Rhino hopes this serves to complete all application requirements. We appreciate your time and consideration. Please don't hesitate to call me if you have any questions or require additional information.

Sincerely,

Daniele Berardelli
Landfarm Manager

Attachments

CC: Mr. Wayne Price
OCD District - I
Hobbs, New Mexico

ATTACHMENT I: Additional Information

Section 5

A. Principal Officers

Steve Dyer
President
300 Broadway, NE
Albuquerque, NM 87102

Linsey Dyer
Vice-President, Treasurer, Secretary
300 Broadway, NE
Albuquerque, NM 87102

Section 6

A. Buffer Zone

Rhino will not place contaminated soils within one hundred feet of the boundary of the facility.

B. Pipeline Buffer Zone

Rhino will not place contaminated soils within twenty feet of any pipelines crossing the landfarm. Additionally, no equipment shall be operated within ten feet of the pipeline. All pipelines shall have surface markers identifying their locations. No contaminated soil will be placed within twenty feet of any well pad within the landfarm. Figure 1 demonstrates the location of the pipeline located within the proposed landfarm boundary.

Section 7

A. Facility Berming

Rhino shall construct and maintain a berm surrounding contaminated soils that is capable of containing precipitation from a one-hundred year flood. Berms shall be constructed to a height of approximately six feet and have a base width of approximately twelve feet. A diagram is attached as Figure 2.

Section 9

A. Treatment Zone Monitoring

1) Rhino shall perform the following procedures to monitor a treatment zone not to exceed three feet below the landfarm:
   a. One background soil sample shall be taken from the center portion of the landfarm two feet below the native soil surface prior to operation. The sample will be analyzed for total petroleum hydrocarbons (TPH), major cations/anions, volatile aromatic organics (BTEX) and heavy metals using approved EPA methods.
   b. A treatment zone not to exceed three feet below the native soil surface shall be monitored. A minimum of one random soil sample shall be collected from each cell, no cell being larger than five acres, six months after the first contaminated soils are received into the cell and then quarterly thereafter. The sample will be collected two to three feet below the native soil surface.
   c. Treatment zone samples shall be analyzed using approved EPA methods for TPH and BTEX quarterly, and for major cations/anions and heavy metals annually.
   d. Sample collection holes shall be filled with an impermeable material such as cement.
   e. Analytical results shall be submitted to the OCD Santa Fe office for review every February 28, May 31, August 31 and November 30 of each year. ✓

Additional Information,
page 2

Section 10

A. Closure Cost Estimate

Attached as Appendix A is Rhino's closure cost estimate. After accounting for boundary and pipeline buffer zones, this estimate is based on 41 acres of usable treatment cell area. The detailed cost estimate and map are provided as Appendix A.

Section 11

A. The correct USGS Topographic maps for Range 38 East are attached as Appendix B.

D. The well located in Section 14, T20S, R38E approximately 2000 feet south of the proposed facility was drilled in 1954. Mr. Creighton Webb, of the NM State Engineer Office, stated that, due to the age of the well record, the information concerning water level was probably inaccurate. He added that the current water level was likely to be much deeper now than in 1954.
Attached as Appendix C, Rhino has submitted the quarterly reports for DP-619 as required by the Ground Water Section of the New Mexico Environment Department. No water has ever been present in monitor wells numbered 4 and 5. Samples have been collected from monitor well 3 every six months in accordance with the permit. Also included is a summary sheet of our current permit and a map demonstrating well locations. Rhino cannot include the State Engineer Office Well Records because none were filed with the state. Rhino contacted Eades Drilling. They informed us that records were never filed because the State of New Mexico does not require the reporting of monitor wells. The only information on file are those records maintained by Eades Drilling and Rhino. The information concerning screened completion intervals submitted on February 9, 1998 was found to be incorrect. As can be seen in the diagrams attached, the 10' 2" screens were placed at or just above red bed. This information and a map demonstrating each well's location are attached as Appendix D.

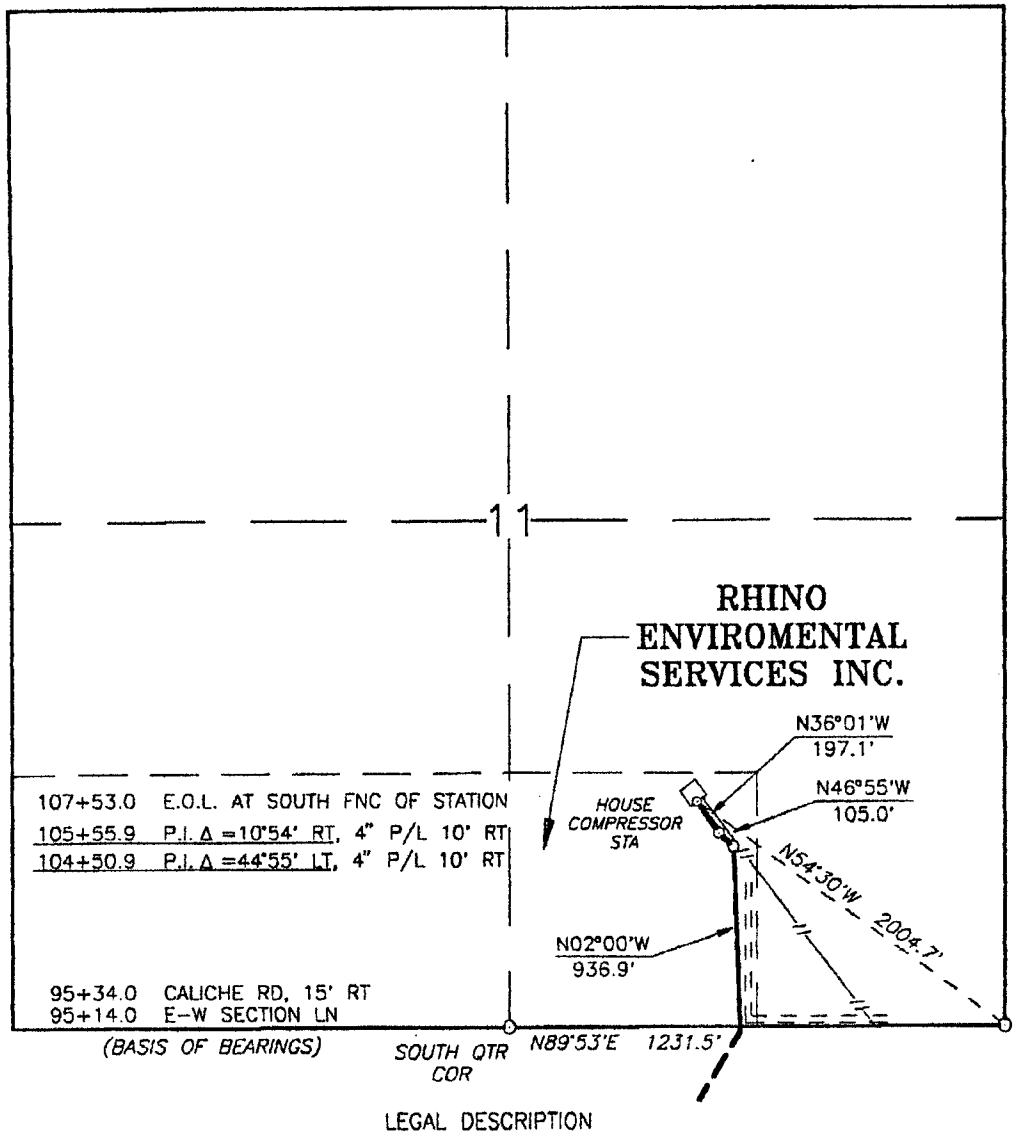
Section 12

A. Rhino has notified Jenex Operating at their new address. This was accomplished March 3, 1998, however, no receipt has yet been returned. Additionally, the receipt from the Bruce Morris Holding Company still has not been received. The US Postal Service was contacted on March 2, 1998. They are currently attempting to track down the letter and determine its whereabouts. To date, no new information has been obtained. Copies of the receipt for Jenex Operating and of the fax to the US Postal Service are enclosed as Appendix E.

FIGURE 1 - PIPELINE

SECTION 11, TOWNSHIP 20 SOUTH, RANGE 38 EAST, N.M.P.M.,

LEA COUNTY, NEW MEXICO



LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY AND LOCATED IN SECTION 11, TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM, LEA COUNTY, NEW MEXICO.

BEGINNING AT A POINT ON THE SOUTH LINE OF SAID SECTION, WHICH LIES N89°53'E, 1231.5 FEET FROM THE SOUTH QUARTER CORNER OF SAID SECTION 11;

THENCE N02°00'W, 936.9 FEET; THENCE N46°55'W, 105.0 FEET; THENCE N36°01'W, 197.1 FEET TO A POINT, BEING THE END OF SURVEY, WHICH LIES N54°30'W, 2004.7 FEET FROM THE SOUTHEAST CORNER OF SAID SECTION 11.

SAID STRIP OF LAND BEING 1239.0 FEET OR 75.09 RODS IN LENGTH AND CONTAINING 0.85 ACRES, MORE OR LESS.

1000 0 1000 2000 Feet

HOUSE COMPRESSOR STATION REVISED: 06-24-1993

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

GARY L. JONES NEW MEXICO 7977 REGISTERED PROFESSIONAL LAND SURVEYOR

JOHN W. WEST N.M. P.E. & P.S. No. 676
TEXAS P.L.S. No. 1138
RONALD J. EIDSON, N.M. L.S. No. 3239
TEXAS P.L.S. No. 1883
GARY L. JONES N.M. P.S. No. 7977

SID RICHARDSON CARBON & GASOLINE CO.

A PROPOSED PIPELINE CROSSING RHINO ENVIROMENTAL SERVICES INC IN SECTION 11, TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM, LEA COUNTY, NEW MEXICO.

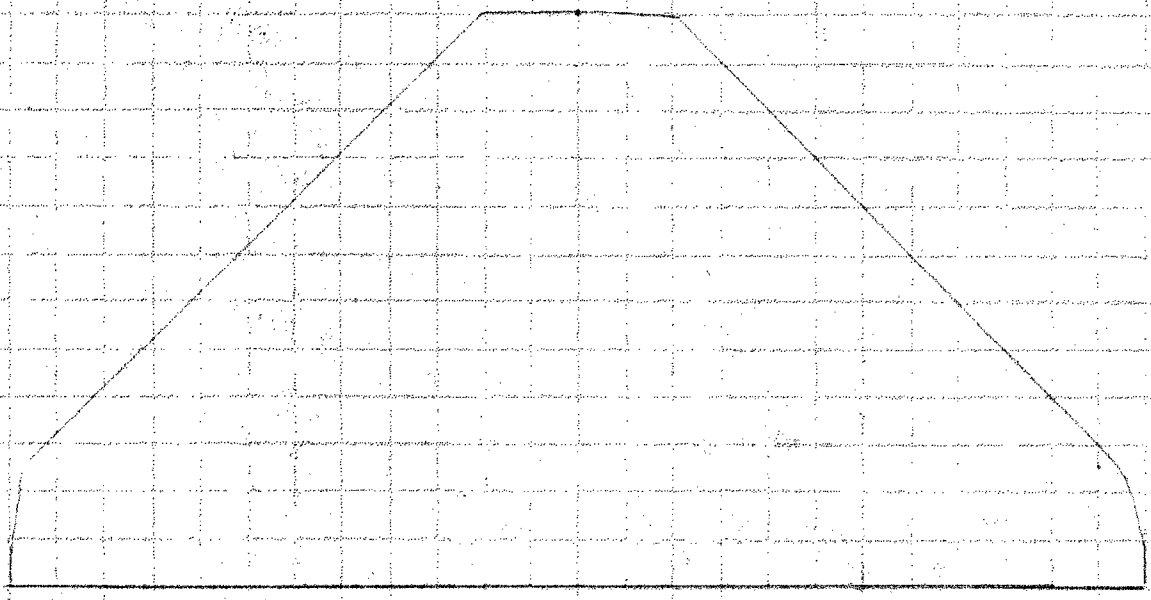
JOHN W. WEST ENGINEERING COMPANY
CONSULTING ENGINEERS & SURVEYORS – HOBBS, NEW MEXICO

Survey Date: 05-24-93	Sheet 1 of 1 Sheets
W.O. Number: 93-11-0934	Drawn By: Johnny Holmes
Date: 05-26-93	SRCG934C JH 61 Scale: 1" = 1000'

FIGURE 2 - BERM DIAGRAM

COMPUTATION SHEET
RHINO ENVIRONMENTAL SERVICES
ALBUQUERQUE, NEW MEXICO

DATE: 3/13/98	**PAGE** 1 **OF** 1		
JOB NAME: Proposed OCD Facility - Berms			
DESCRIPTION: Berm Construction	**JOB NO:**	**BY:** DB	**CHK'D:**



1" = 2'

APPENDIX A - COST ESTIMATE AND FACILITY MAP

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816
Hobbs, New Mexico 88241

Phone (505) 392-5021
Fax (505) 397-2597

March 10, 1998

Rhino Environmental Services, Inc.
P.O. Box 25547
Albuquerque, New Mexico 87125

Attn: Danielle Berardelli

Re: Cost estimate to close Rhino Landfarm located in Hobbs, New Mexico

Dear Ms Berardelli

Western Environmental Consultants (WEC) would like to take this time to thank you and Rhino Environmental for the opportunity to be of service on the closure of the landfarm located in Hobbs, NM. Please find below a brief outline and cost estimate to close the facility in accordance with the NMOCD.

Scope of work

WEC will close the site over a two year period, (18 months to remediate the soils and 6 months to return the site back to it's original state). Closure of the site will be done by disking the soils until closure levels have been met for the NMOCD.

Lab Analysis for 9 Cells

TPH @ 50.00/ea x 8 quarters x 9 cells	3,600.00
BTEX @ 40.00/ea x 8 quarters x 9 cells	2,880.00
Metals @ 200.00/ea x 2 years x 9 cells	3,600.00
Estimated total cost for analysis	**10,080.00**

Quarterly Sampling Time and Labor for 9 Cells

Labor @ 55.00 est. 8.5 hr to sample to include travel time and paperwork 467.00 per sampling event x 8 quarters	**3,736.00** ✓

Disking for Two Years Every Two Weeks for 45 Acres

Tractor and operator @ 30.00/hr x 10 acres per/hr or 5 hr per event 52 weeks x 150.00 per event	**7,800.00** ?

Water for Bioremediation

120.00/load x 9 loads x 12 events in two years	**12,960.00** ✓

Level Landfarm Back to Grade

D-6 Dozer W/ Operator @ 85.00/hr x 30 hr	**2,550.00** ✓?

Revegetation for 60 Acres

Tractor and seed drill @ 30.00/hr x 10 hr	300.00
Seed @ 10.00/lb for 5 lb/acre x 60 acres	3,000.00
Est. Total to Reseed site	**3,300.00** ?

TOTAL ESTIMATED COST
$ 40,426.00

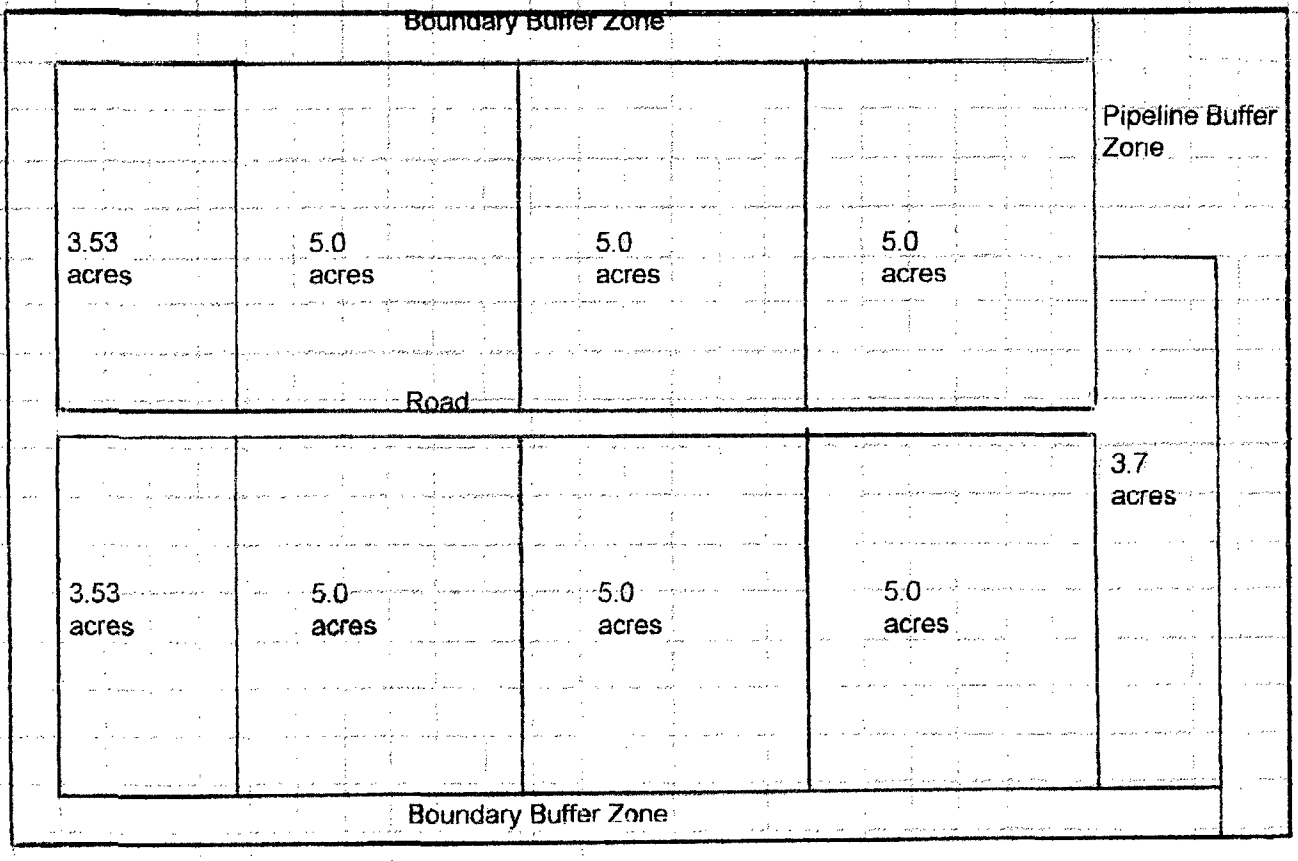
If you have any questions or need more data in regards to this matter please call at any time 505-392-5021

Sincerely

Allen Hodge, REM
VP Operations
Western Environmental Consultants

COMPUTATION SHEET
RHINO ENVIRONMENTAL SERVICES
ALBUQUERQUE, NEW MEXICO

DATE: March 1998	**PAGE** 1	**OF** 1
JOB NAME: Section Ten - Estimated Acreage		
DESCRIPTION: Proposed OCD Landfarm	**JOB NO:** Sec. 11, T20S, R38E	**BY:** DB
		CHK'D:

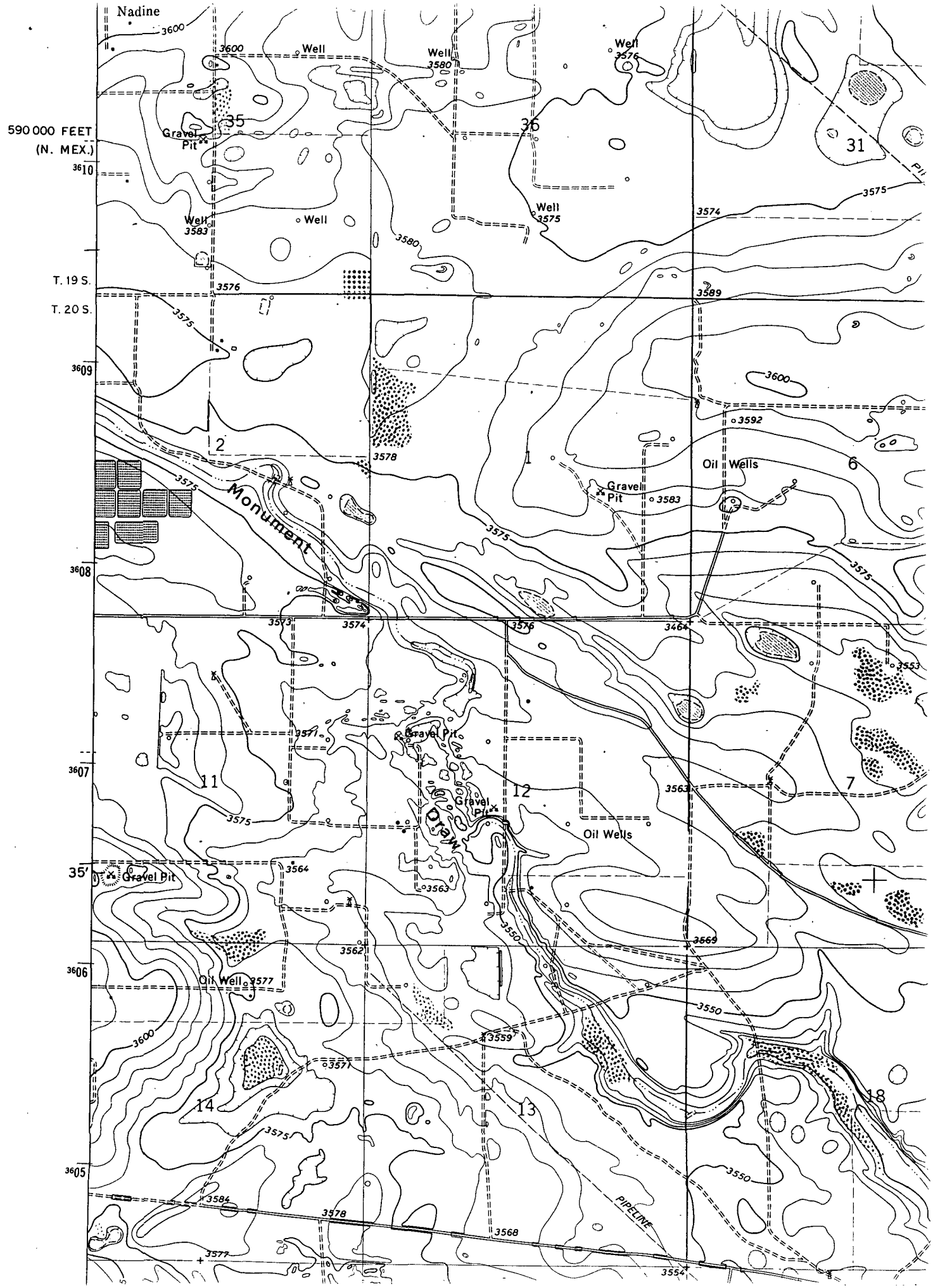


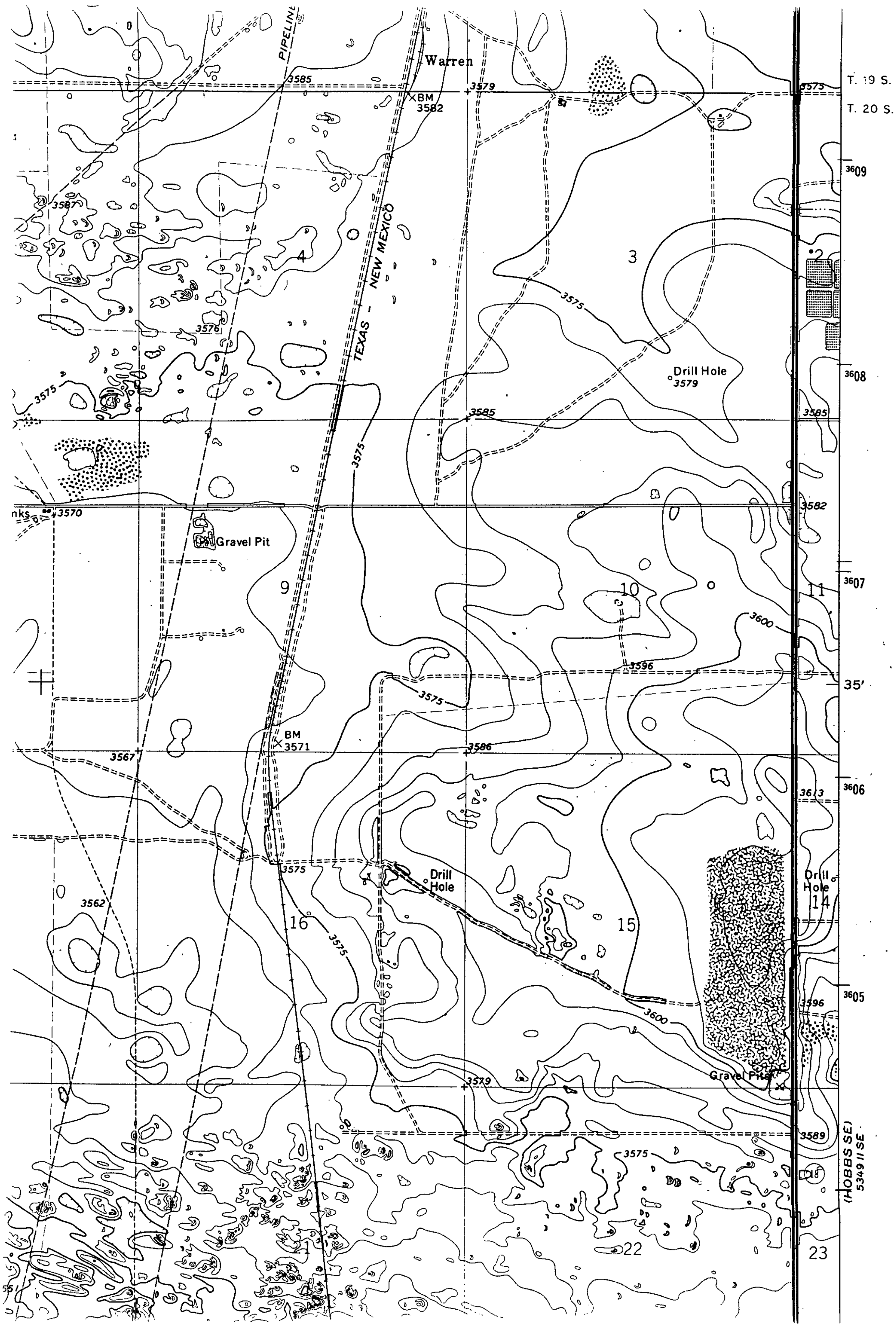
1" = 300'

Estimate 41 acres of usable treatment area.

N ↑

APPENDIX B - USGS TOPOGRAPHIC MAPS


Nadine
590 000 FEET
(N. MEX.)
T. 19 S.
T. 20 S.
Well
Gravel Pit
Oil Wells
Oil Well
Monument
Draw
PIPELINE
35
36
31
2
1
6
11
12
7
14
13
18


Warren
BM 3582
3585
3579
3575
T. 19 S.
T. 20 S.
3609
PIPELINE
TEXAS - NEW MEXICO
3587
4
3
2
3576
3575
Drill Hole
3579
3608
3585
3570
3582
Gravel Pit
9
10
11
3607
3600
3596
35′
3575
BM 3571
3567
3586
3606
3613
3575
Drill Hole
Drill Hole
3562
16
15
14
3575
3600
3596
3605
Gravel Pit
3579
3589
3575
(HOBBS SE)
5349 II SE
22
23

APPENDIX C - QUARTERLY REPORTS 1996 TO 1998

NMED, GROUND WATER SECTION, DISCHARGE PLAN SUMMARY

Discharge Plan Number..... 619
Date Report Generated..... 19-MAY-97
Staff Reviewer..... PHYLLIS BUSTAMANTE

Legally Responsible Party. STEVE DYER PRESIDENT 242-6464
Owner..... STEVE DYER
300 BROADWAY NE
ALBUQUERQUE NM 87102

Facility..... RHINO ENVIRONMENTAL SERVICES - NADINE

Primary Waste Type..... INDUSTRIAL UST
Treatment..... HYDROCARBON REMEDIATION OTHER
Discharge..... LAND APPLICATION DISPOSAL
Discharge Location..... 8 MILES SOUTH OF HOBBS

Application Received..... 29-MAR-95
Public Notice Published... 10-MAY-95
Discharge Plan Approved... 17-JUL-95
Discharge Plan Expires.... 17-JUL-00

Discharge Volume.. 1200 gpd
Depth to GW..... 200 feet
TDS..... 1000 mg/l

Monitoring Reports due.... 28-FEB 31-MAY 31-AUG 30-NOV ✓

Sampling Category	Annual Frequency	No. of Sites	Sampling Description
1	2	3	EAST SIDE & 2 NEW WELLS, SAMPLE IF WATER PRESENT. Analyze by EPA method 8020.
2	4	2	RECORDS OF AMOUNT OF SOIL AND WATER TAKEN TO SITE
6	4		Native soil samples from below treatment area. One sample from 3ft depth per 5 acres. Samples analyzed by EPA method 418.1.
6			Field Analysis - (PID-gasoline contaminated soils, and infrared for diesel and waste oil contaminated soils)for 2 consecutive quarters for samples taken 4 per acre to determine if soil concentrations are homogenous and remediated
6			Laboratory Confirmation Sampling - 1 sample per acre prior to removal of soil, or closure

_____ If this space is checked, monitoring requirements are summarized or explained in more detail on the attached sheet. Any inadvertent omission from this summary does not relieve the discharger of responsiblility for compliance with that requirement.

Send All monitoring reports or correspondence to: PHYLLIS BUSTAMANTE
Ground Water Pollution
Prevention Section
Environment Department

Current Reviewer: Vicky Maranville
(505) 827-0652

5 County Road 6065 • Farmington, New Mexico 87401
(505)598-9626 • Fax (505) 598-9627

February 24, 1998 ✓

COPY

Ms. Vicky Maranville
Ground Water Section
New Mexico Environment Department
1190 St. Francis Drive, PO Box 26110
Santa Fe, NM 87502
Ph: (505) 827-0652
Fx: (505) 827-2965

Re: Landfarm Facility DP-619:
Quarterly Report - February 1998

Dear Ms. Maranville:

In accordance with the conditions set forth in the Approved Discharge Plan, DP-619, enclosed please find the February 1998 quarterly report for Rhino's facility eight (8) mile south of Hobbs, Lea County, New Mexico. This report serves to maintain a written record of the amount of contaminated soil and wastewater accepted for treatment and to ensure that no contaminant migration has occurred.

Table one (1) includes all soil and water accepted from November 1, 1997 to January 31, 1998. One native soil sample was retrieved from each treatment area three (3) feet below the natural soil surface and submitted to Anachem, Inc. for analysis. Figure No. 1 is a site map showing the location of sample collection. One sample was submitted for each active cell. The analytical results are summarized in Table two (2). A copy of the analytical report is submitted as Appendix A.

Please don't hesitate to call if you have any questions or require additional information.

Sincerely,

Daniele Berardelli
Rhino Environmental Services, Inc.

Attachments

TABLE 1 - SOIL AND WATER LOG

DISCHARGE PLAN DP-619
QUARTERLY REPORT
February 1998

Soil accepted from November 1, 1997 to January 31, 1998

A total of 244.55 cubic yards (cy)of soil and 1,320 gallons (gal) were received during this quarter. A list of these soils are shown in the table below. All soils were disced on a regular basis.

TABLE NO. 1

DATE	VOLUME	SOURCE	TYPE	SECTION
11-03-97	3.0 cy	Southwest Convenience Stores 800 South Gregg Big Spring, TX	Gasoline	Cell 5
11-03-97	2.0 cy	Southwest Convenience Stores 721 CRW Odessa, TX	Gasoline	Cell 5
11-13-97	6.88 cy	Budget Rent-A-Car Albuquerque Sunport Albuquerque, NM	Waste Oil	Cell 3
11-20-97	1.0 cy	Southwest Convenience Stores 7-Eleven # 57631 9061 Dyer El Paso, TX	Gasoline	Cell 5
11-20-97	1.5 cy	Tumbleweed Petroleum Bulk Storage Facility #1 2323 Toliver Pecos, TX	Gasoline	Cell 5
11-20-97	1.0 cy	Tumbleweed Petroleum 402 W. Third Pecos, TX	Gasoline	Cell 5
11-20-97	0.5 cy	Tumbleweed Petroleum 414 W. Third Pecos, TX	Gasoline	Cell 5
11-24-97	5.0 cy	McClain Oil #2 301 Avenue H Lubbock, TX	Gasoline	Cell 5
11-24-97	1.0 cy	Phil Hur Motors 620 19th Street Lubbock, TX	Gasoline	Cell 5
11-24-97	6.0 cy	McClain Oil #19 1702 N. University Lubbock, TX	Gasoline	Cell 5

TABLE No. 1 CONTINUED				
DATE	**VOLUME**	**SOURCE**	**TYPE**	**SECTION**
11-24-97	2.0 cy	Horkey Bulk Plant 406 Erskine Road Lubbock, TX	Gasoline	Cell 5
11-24-97	5.0 cy	G&C Contracting 501 N. College Levelland, TX	Gasoline	Cell 5
11-25-97	25 cy	Former GTE Pole Yard 606 S. Main St. Carlsbad, NM	Waste Oil	Cell 1
12-01-97	2.0 cy	National Truck Stop (SWCS) 2400 South Loop Midland, TX	Gasoline	Cell 5
12-01-97	2.0 cy	7-Eleven # 57175 (SWCS) 3700 Andrews Hwy. Odessa, TX	Gasoline	Cell 5
12-12-97	160 cy	US Small Business Admin. Chaparral Cattle Company 5300 Seven Rivers Hwy. Lakewood, NM	Waste Oil	Cell 1
12-15-97	1.5 cy	7-Eleven #57110 (SWCS) 1523 North Harless Odessa, TX	Gasoline	Cell 5
12-15-97	2.5 cy	Former SWCS # 57504 800 South Gregg Street Big Spring, TX	Gasoline	Cell 5
01-08-98	3.33 cy	Farmer's Co-Op. Highway 846 Knott, Texas	Gasoline	Cell 5
01-08-98	1.67 cy	Big Springs Fuel 1106 North La Mesa Hwy. Big Springs, TX	Gasoline	Cell 5
01-08-98	5.67 cy	Blocker Oil N. Front Stand St. & St. Benedict St. Stanton, TX	Gasoline	Cell 5
01-12-98	1,320 gal	Rogelio's Convenience Store 9951 Alameda Socorro, TX	Gasoline	AST
01-24-98	6.0 cy	Noel Edwards 3801 34th Street Lubbock, TX	Gasoline	Cell 5

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS

Quarterly Native Soil Sampling:

One native soil sample was retrieved from the treatment area 3 feet below the natural soil surface. Figure No. 1 is a Site Map showing the location of the sample. Samples were submitted for analysis by EPA method 418.1 (TPH) and EPA method 8020 (benzene-BTEX). The analytical results are summarized in Table No. 1.

Table No. 2
Summary of Analytical Results from Native Soil Sampling

Sample ID	Benzene mg/kg	TPH mg/kg
Cell 1		< 10
Cell 2A	< 0.40	< 10
Cell 2B		< 10
Cell 3		< 10
Cell 4	< 0.40	< 10
Cell 5	< 0.40	< 10
Cell 6		< 10
Cell 7		< 10
MW	<5.0 ug/l	

Copies of the analytical reports are shown in Appendix A. The analytical results for all samples collected report levels to be below detection, thereby demonstrating no contaminant migration has occurred.

APPENDIX A - ANALYTICAL RESULTS

ANACHEM INC.

8 Prestige Circle, Suite 104 Allen, Texas 75002
972/727-9003 • FAX # 972/727-9686 • 1-800-966-1186

Customer Name: Rhino Env. - Farmington
Date Received: February 6, 1998 at 10:00:00
Date Reported: February 12, 1998
Submission #: 9802000055
Project: 6190298

SAMPLES The submission consisted of 12 samples with sample I.D.'s shown in the attached data tables.

TESTS The samples listed in the attached result pages were analyzed for:
* BTEX (EPA 8020)
* METHANOL SAMPLE CONTAINER PREP, NEW MEXICO
* TPH (EPA 418.1)
* TS-TOTAL SOLIDS (EPA 160.3)

Distribution Of Reports
1-Ms. Daniele Berardelli of Rhino Env. - Farmington
Ph. 505-598-9626 Fax 505-598-9627

Respectfully Submitted,
Anachem,Inc.

Howard H. Hayden, B.S.
Chemist

C E Newton

C.E. Newton, Ph.D.
Chemist

Submission #: 9802000055 lims

NOTE: Submitted material will be retained for 60 days unless notified or consumed in analysis. Material determined to be hazardous will be returned or a $20 disposal fee will be assessed. Our letters and reports are for the exclusive use of the client to whom they are addressed. The use of our name must receive our prior written approval. Our letters and reports apply to the sample tested and/or inspected, and are not necessarily indicative of the qualitites of apparently identical or similar materials.

98623 to 98634

Client Name: Rhino Env. - Farmington
Submission #: 9802000055
Project Name: 6190298
Report Date: 02/12/98

Client Sample #: 61901
Laboratory ID #: 98623 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *02/04/98*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 02/09/98

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

Client Sample #: 61902A-A
Laboratory ID #: 98624 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *02/04/98*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 02/09/98

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

TS-TOTAL SOLIDS (EPA 160.3)

Analyte	Results(%)	Detection Limit
Total Solids	**93.6**	1

Client Sample #: 61902A-B
Laboratory ID #: 98625 *Order Type: Normal Matrix: Soil*
Sample Container: *Methanol Jar*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *02/04/98*
Temperature (Celcius):4

BTEX (EPA 8020)

Analyte	Results(mg/kg)	Detection Limit
Benzene	<0.40	0.40
Toluene	<0.50	0.50
Ethyl Benzene	<0.50	0.50
Xylenes	<0.50	0.50

Client Sample #: 61902B
Laboratory ID #: 98626 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *02/04/98*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 02/09/98

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

Client Name: Rhino Env. - Farmington
Submission #: 9802000055
Project Name: 6190298
Report Date: 02/12/98

Client Sample #: 61903
Laboratory ID #: 98627 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *02/04/98*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 02/09/98

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

Client Sample #: 61904-A
Laboratory ID #: 98628 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *02/04/98*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 02/09/98

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

TS-TOTAL SOLIDS (EPA 160.3)

Analyte	Results(%)	Detection Limit
Total Solids	93.1	1

Client Sample #: 61904-B
Laboratory ID #: 98629 *Order Type: Normal Matrix: Soil*
Sample Container: *Methanol Jar*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *02/04/98*
Temperature (Celcius):4

BTEX (EPA 8020)

Analyte	Results(mg/kg)	Detection Limit
Benzene	<0.40	0.40
Toluene	<0.50	0.50
Ethyl Benzene	<0.50	0.50
Xylenes	<0.50	0.50

Client Sample #: 61905-A
Laboratory ID #: 98630 *Order Type: Normal Matrix: Soil*
Sample Container: *Methanol Jar*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *02/04/98*
Temperature (Celcius):4

BTEX (EPA 8020)

Analyte	Results(mg/kg)	Detection Limit
Benzene	<0.40	0.40
Toluene	<0.50	0.50
Ethyl Benzene	<0.50	0.50
Xylenes	<0.50	0.50

Client Name: Rhino Env. - Farmington
Submission #: 9802000055
Project Name: 6190298
Report Date: 02/12/98

Client Sample #: 61905-B
Laboratory ID #: 98631 *Order Type: Normal Matrix: Soil*
Sample Container: *Vial*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *02/04/98*
Temperature (Celcius):4

TS-TOTAL SOLIDS (EPA 160.3)

Analyte	Results(%)	Detection Limit
Total Solids	91.5	1

Client Sample #: 61906
Laboratory ID #: 98632 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *02/04/98*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 02/09/98

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

Client Sample #: 61907
Laboratory ID #: 98633 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *02/04/98*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 02/09/98

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

Client Sample #: MW
Laboratory ID #: 98634 *Order Type: Normal Matrix: Liquid*
Sample Container: *2xVOA Vial*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *02/04/98*
Temperature (Celcius):4

BTEX (EPA 8020)

Analyte	Results(ug/l)	Detection Limit
Benzene	<5.0	5.0
Toluene	<5.0	5.0
Ethyl Benzene	<5.0	5.0
Xylenes	<5.0	5.0

Report To: Rhino Environmental
Lab Number: 9802000055
Page 5 of 6

Project: 6190298

QUALITY CONTROL DATA

METHOD	ANALYST	MATRIX	DATE EXTRACTED	DATE ANALYZED
BTEX 8020	Howard Hayden	Solid	2/6/98	2/6/98

SPIKE COMPOUND	SPIKE AMOUNT	% REC 1	% REC 2	% REC QC LIMIT	% VAR.	% VAR QC LIMIT
Benzene	100 ppb	91.4	81.7	80-120	11	20.0
Toluene	100 ppb	93.1	83.3	80-120	11	20.0
Ethyl Benzene	100 ppb	92.0	81.8	80-120	11	20.0
Xylenes	300 ppb	96.6	86.1	80-120	11	20.0

QUALITY CONTROL DATA

METHOD	ANALYST	MATRIX	DATE EXTRACTED	DATE ANALYZED
BTEX 8020	Howard Hayden	Liquid	-----	2/6/98

SPIKE COMPOUND	SPIKE AMOUNT	% REC 1	% REC 2	% REC QC LIMIT	% VAR.	% VAR QC LIMIT
Benzene	100 ppb	87.1	80.2	80-120	7.9	20.0
Toluene	100 ppb	88.7	81.7	80-120	7.9	20.0
Ethyl Benzene	100 ppb	87.8	80.6	80-120	8.2	20.0
Xylenes	300 ppb	92.4	85.2	80-120	7.8	20.0

QUALITY CONTROL DATA

TPH results are reported in parts per million (ppm) in solid.

	Value 1	Value 2	% Var.
TPH:	134	138	2.9
CONCENTRATION UNITS:	TPH - ppm		
DETECTION LIMITS:	TPH - 10		

ANALYST	ANALYTE	DATE EXTRACTED	DATE ANALYZED
Anthony Taylor	TPH	2/9/98	2/9/98

Report To: Rhino Environmental
Lab Number: 9802000055
Page 6 of 6

Project: 6190298

QUALITY CONTROL DATA

ANALYTE	DATE ANALYZED	SPIKE (ppm)	STAND. DEV.	COEFF. OF VAR %	REC1/%	REC2/%
Total Solids	2/11/98	---	0.354	0.4	---	---

Standard Deviation = (x1-x2)/1.414
Coefficient of Variability % = (S.D./Avg.) X 100
Recovery % = [(spiked-unspiked)/expected] X 100

Purchase Order/Chain Of Custody

Anachem, Inc. 8 Prestige Circle, Suite 104, Allen, TX 75002 Phone: 972-727-9003 Fax: 972-727-9686

Report To: Daniele Berardelli	Bill To: (Buyer) Rhino
Company: Rhino	Purchase Order #: RH98-1998
Address: 5 CR 6065	Address: PO Box 25547
City, State, Zip: Farmington, NM 87401	City, State, Zip: Alb, NM 87125
Phone: 598-9626 Fax: 598-9627	Phone: 242-6464 Fax: 247-4941
Project Name: 6190298	Quote #:
Project Location: Lea County	City, State: NM
Date Due:	Rush: (0%) 25% 50% 100% Sampled By:

Lab#	Client Sample ID	Matrix	Date/Time	Sample Notes	Analysis: TPH 418.1	Analysis: 8020 BTEX
98633	1. 61907	Soil	2-4/1716	ice	X	
↓ 34	2. MW	water	2-4/1528	ice/HCl		X
	3.					
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					

Relinquished By	Date	Time	Received By	Date	Time
	2-4-98	1807		2-4-98	1807
			Brad Thornhill	2/6/98	10:00

Sample Receipt Notes	
Temperature	4°C
Preserved Properly	
COC Seals Intact	
Method of Shipment	

In the event that Anachem determines that a sample is hazardous, the client agrees to:
Pay For Sample Disposal ✓
Accept Returned Sample ____

Submission # 9802-55

010 REV 5/97

Sample information is vital for proper login and reporting. This is a contract subject to the terms and conditions on the reverse side.

Purchase Order/Chain Of Custody

Anachem, Inc. 8 Prestige Circle, Suite 104, Allen, TX 75002 Phone: 972-727-9003 Fax: 972-727-9686

Report To: Daniele Berardelli	Bill To: (Buyer) Rhino
Company: Rhino	Purchase Order #: RH98-1998
Address: SCR 6065	Address: PO Box 2554
City, State, Zip: Farmington, NM 87401	City, State, Zip: Alb, NM 87125
Phone: 598-9626 Fax: 598-9627	Phone: 242-6464 Fax: 247-4941

Project Name: 6190298 Quote #:

Project Location: Lea Cnty City, State: NM

Date Due: Rush: (0%) 25% 50% 100% Sampled By: D. Berardelli

Lab#	Client Sample ID	Matrix	Date/Time	Sample Notes	Analysis: TPH 418.1	BTEX 8020	Moisture
98623	1. 61901	Soil	2-4/1510	ice	X		
24	2. 61902A-A	Soil	2-4/1530	ice	X		X
25	3. 61902A-B	Soil	2-4/1530	1@/methanol		X	
26	4. 61902B	Soil	2-4/1541	ice	X		
27	5. 61903	Soil	2-4/1547	ice	X		
28	6. 61904-A	Soil	2-4/1600	ice	X		X
29	7. 61904-B	Soil	2-4/1600	1@/methanol		X	
30	8. 61905-A	Soil	2-4/1625	1@/methanol		X	
31	9. 61905-B	Soil	2-4/1625	ice			X
32	10. 61906	Soil	2-4/1656	ice	X		

Relinquished By	Date	Time	Received By	Date	Time
[signature]	2-4-98	1807	[signature]	2-4-98	1807
			[signature]	2/6/98	10:00

Sample Receipt Notes

Temperature 4°c

Preserved Properly

COC Seals Intact

Method of Shipment

In the event that Anachem determines that a sample is hazardous, the client agrees to:
Pay For Sample Disposal ✓
Accept Returned Sample ____

Submission # 9802-55

010 REV 5/97

Sample information is vital for proper login and reporting. This is a contract subject to the terms and conditions on the reverse side.

December 3, 1997 ✓

Ms. Vicky Maranville
Ground Water Section
New Mexico Environment Department
1190 St. Francis Drive, PO Box 26110
Santa Fe, NM 87502
Ph: (505) 827-0652
Fx: (505) 827-2965

Re: Landfarm Facility DP-619:
Quarterly Report - November 30, 1997

Dear Ms. Maranville:

In accordance with the conditions set forth in the Approved Discharge Plan, DP-619, enclosed please find the November 1997 quarterly report for Rhino's facility eight (8) mile south of Hobbs, Lea County, New Mexico. This report serves to maintain a written record of the amount of contaminated soil and wastewater accepted for treatment and to ensure that no contaminant migration has occurred.

Table one (1) includes all soil and water accepted from July 30, 1997 to October 31, 1997. One native soil sample was retrieved from each treatment area three (3) feet below the natural soil surface and submitted to Anachem, Inc. for analysis. Figure No. 1 is a site map showing the location of the samples. One sample was submitted for each active cell. The analytical results are summarized in Table two (2). A copy of the analytical report is submitted as Appendix A.

Please don't hesitate to call if you have any questions or require additional information.

Sincerely,

Daniele Berardelli
Rhino Environmental Services, Inc.

Attachments

DISCHARGE PLAN DP-619
QUARTERLY REPORT
November 30, 1997

Soil accepted from July 30, 1997 to October 31, 1997

A total of 555.04 cubic yards (cy) of soil and 110 gallons were received during this quarter. A list of these soils are shown in the table below. All soils were disced on a regular basis.

TABLE NO. 1

DATE	VOLUME	SOURCE	TYPE	SECTION
07-30-97	2.0 cy	Caylor's Kerr McGee 301 S. Broadway Post, Texas	Gasoline	Cell 5
07-30-97	2.5 cy	Caprock Texaco 201 S. Broadway Post, Texas	Gasoline	Cell 5
07-31-97	2.0 cy	Town & Country #109 6519 University Lubbock, Texas	Gasoline	Cell 5
07-31-97	3.5 cy	Smyer One Stop Hwy. 114 Smyer, Texas	Gasoline	Cell 5
07-31-97	2.0 cy	Citizens Bank 700 South College Levelland, Texas	Gasoline	Cell 5
08-20-97	2.67 cy	Pete Stone Shell 6601 University Lubbock, Texas	Gasoline	Cell 5
08-20-97 & 08-23-97	3.16 cy	Groux Texaco 7002 Indiana Lubbock, Texas	Gasoline	Cell 5
08-20-97	0.33 cy	Simmons Punp, Co. 2605 Avenue H Lubbock, Texas	Gasoline	Cell 5
08-20-97	1.33 cy	Town & Country 3901 Avenue A Lubbock, Texas	Gasoline	Cell 5
08-20-97	0.67 cy	Scott Manufacturing 919 East 50th Street Lubbock, Texas	Gasoline	Cell 5
08-22-97	1.5 cy	Big Tree Antiques 7215 W. 19th Street Lubbock, Texas	Gasoline	Cell 5

DATE	VOLUME	SOURCE	TYPE	SECTION
08-22-97	4.25 cy	Bolton Services 2702 Avenue Q Lubbock, Texas	Gasoline	Cell 5
08-22-97	2.25 cy	Friends # 118 5643 Brownfield Hwy. Lubbock, Texas	Gasoline	Cell 5
08-22-97	3.5 cy	Former Station #2 5622 Brownfield Hwy. Lubbock, Texas	Gasoline	Cell 5
08-23-97	3.5 cy	McLain #3 818 Avenue A Lubbock, Texas	Gasoline	Cell 5
08-23-97	3.75 cy	Orlando's Texaco 322 1st Street Brownfield, Texas	Gasoline	Cell 5
08-23-97	1.5 cy	Dan's Diam CSA 6201 19th Street Lubbock, Texas	Gasoline	Cell 5
08-23-97	1.0 cy	McLain #17 724 Brownfield Hwy. Wolfforth, Texas	Gasoline	Cell 5
08-26-97	74.35 cy	City of Albuquerque Redlands & Coors Albuquerque, NM	Diesel	Cell 3
09-03-97	110 gal	Diamond Shamrock # 454 803 South Crane Odessa, Texas	Gasoline	Cell 5
09-04-97	3.0 cy	Eddins-Walcher 5002 Southeast Drive Lubbock, Texas	Gasoline	Cell 5
09-04-97	3.0 cy	Eddins-Walcher 317 N. Dixie Odessa, Texas	Gasoline	Cell 5
09-17-97 to 09-20-97	309.67 cy	BJ Services 3 miles South of Eldorado, Hwy. 277 Eldorado, Texas	Waste Oil	Cell 1
09-27-97	8 cy	Chevron West Cordova Road Santa Fe, NM	Gasoline	Cell 5
10-06-97	83.61 cy	USPS/Uptown Station 2505 Graceland Albuquerque, NM	Gasoline	Cell 5

DATE	VOLUME	SOURCE	TYPE	SECTION
10-14-97	4.0 cy	Bolton Services #9 2167 50th Lubbock, TX	Gasoline	Cell 5
10-14-97	1.0 cy	Friends # 504 IH 40 Amarillo, TX	Gasoline	Cell 5
10-14-97	1.0 cy	Allsup's #101 206 E. Broadway Fritch, TX	Gasoline	Cell 5
10-14-97	3.0 cy	Bolton Services #3 4250 Avenue A Lubbock, TX	Gasoline	Cell 5
10-14-97	5.0 cy	Gibson Plumbing 5279 34th Street Lubbock, TX	Gasoline	Cell 5
10-14-97	7.0 cy	South Plains Bank 600 College Levelland, TX	Gasoline	Cell 5
10-14-97	4.0 cy	Town & Country 3314 4th Street Lubbock, TX	Gasoline	Cell 5
10-14-97	2.0 cy	Allsup's #102 105 South Central Knox City, TX	Gasoline	Cell 5
10-24-97	5.0 cy	Best Buy Motors 1304 E. Coliseum Snyder, Texas	Gasoline	Cell 5

Quarterly Soil Sampling:

One native soil sample was retrieved from the treatment area 3 feet below the natural soil surface. Figure No. 1 is a Site Map showing the location of the sample. Samples were submitted for analysis by EPA method 418.1 (TPH) and EPA method 8020 (benzene-BTEX). The analytical results are summarized in Table No. 1.

Table No. 1
Summary of Analytical Results from Native Soil Sampling

Sample ID	Benzene ug/kg	TPH mg/kg
Cell 1		< 10
*Cell 2A	< 0.40	78, **resample < 10**
*Cell 2B		180, **resample < 10**
Cell 3	< 0.40	< 10
Cell 4	< 0.40	< 10
Cell 5	< 0.40	< 10
Cell 6		< 5.0
*Cell 7		56, **resample < 10**

Copies of the analytical reports are shown in Appendix A. Final results of the native soil testing were below detection limits, thereby demonstrating no contaminant migration into native soils.

- Rhino employed a new individual, Mr. Allen Hodge, to collect soil samples. When initial results were received, he explained that due to the extremely hard subsurface, it had been very difficult for him to dig to the proper depths. During the process of digging into that rock layer, he said it would have been very easy for cross contamination to occur. Mr. Hodge then took a second round of samples in almost the same exact locations. These samples were analyzed and results demonstrate the soil is clean.

ANACHEM INC.

8 Prestige Circle, Suite 104 Allen, Texas 75002
972/727-9003 • FAX # 972/727-9686 • 1-800-966-1186

Customer Name: Rhino Env. - Farmington
Date Received: November 19, 1997 at 10:00:00
Date Reported: November 21, 1997
Submission #: 9711000212
Project: DP 619-1197

SAMPLES The submission consisted of 13 samples with sample I.D.'s shown in the attached data tables.

TESTS The samples listed in the attached result pages were analyzed for:
* BTEX (EPA 8020)
* METHANOL SAMPLE CONTAINER PREP, NEW MEXICO
* TPH (EPA 418.1)
* TS-TOTAL SOLIDS (EPA 160.3)

Distribution Of Reports
1-Ms. Daniele Berardelli of Rhino Env. - Farmington
Ph. 505-598-9626 Fax 505-598-9627

Respectfully Submitted,
Anachem,Inc.

Howard H. Hayden, B.S.
Chemist

C.E. Newton, Ph.D.
Chemist

Submission #: 9711000212 lims

NOTE: Submitted material will be retained for 60 days unless notified or consumed in analysis. Material determined to be hazardous will be returned or a $20 disposal fee will be assessed. Our letters and reports are for the exclusive use of the client to whom they are addressed. The use of our name must receive our prior written approval. Our letters and reports apply to the sample tested and/or inspected, and are not necessarily indicative of the qualitites of apparently identical or similar materials.

94446 to 94458

Client Name: Rhino Env. - Farmington
Submission #: 9711000212
Project Name: DP 619-1197
Report Date: 11/21/97

Client Sample #: SECTION 1-01
Laboratory ID #: 94446 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *11/17/97*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 11/20/97

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

TS-TOTAL SOLIDS (EPA 160.3)

Analyte	Results(%)	Detection Limit
Total Solids	**90.4**	

Client Sample #: SECTION 1-02
Laboratory ID #: 94447 *Order Type: Normal Matrix: Soil*
Sample Container: *Methanol Jar*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *11/17/97*
Temperature (Celcius):4

BTEX (EPA 8020)

Analyte	Results(mg/kg)	Detection Limit
Benzene	<0.40	0.40
Toluene	<0.50	0.50
Ethyl Benzene	<0.50	0.50
Xylenes	<0.50	0.50

Client Sample #: SECTION 2A-01
Laboratory ID #: 94448 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *11/17/97*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 11/20/97

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	**78**	10

TS-TOTAL SOLIDS (EPA 160.3)

Analyte	Results(%)	Detection Limit
Total Solids	**95.1**	

Client Sample #: SECTION 2A-02
Laboratory ID #: 94449 *Order Type: Normal Matrix: Soil*
Sample Container: *Methanol Jar*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *11/17/97*
Temperature (Celcius):4

BTEX (EPA 8020)

Analyte	Results(mg/kg)	Detection Limit
Benzene	<0.40	0.40
Toluene	<0.50	0.50
Ethyl Benzene	<0.50	0.50

Client Name: Rhino Env. - Farmington
Submission #: 9711000212
Project Name: DP 619-1197
Report Date: 11/21/97

BTEX (EPA 8020)

Analyte	Results(mg/kg)	Detection Limit
Xylenes	<0.50	0.50

Client Sample #: SECTION 2B
Laboratory ID #: 94450 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *11/17/97*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 11/20/97

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	180	10

Client Sample #: SECTION 3
Laboratory ID #: 94451 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *11/17/97*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 11/20/97

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

Client Sample #: SECTION 4-01
Laboratory ID #: 94452 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *11/17/97*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 11/20/97

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

TS-TOTAL SOLIDS (EPA 160.3)

Analyte	Results(%)	Detection Limit
Total Solids	93.5	

Client Sample #: SECTION 4-02
Laboratory ID #: 94453 *Order Type: Normal Matrix: Soil*
Sample Container: *Methanol Jar*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *11/17/97*
Temperature (Celcius):4

BTEX (EPA 8020)

Analyte	Results(mg/kg)	Detection Limit
Benzene	<0.40	0.40
Toluene	<0.50	0.50
Ethyl Benzene	<0.50	0.50
Xylenes	<0.50	0.50

Client Name: Rhino Env. - Farmington
Submission #: 9711000212
Project Name: DP 619-1197
Report Date: 11/21/97

Client Sample #: SECTION 5-01
Laboratory ID #: 94454 *Order Type: Normal Matrix: Soil*
Sample Container: *Methanol Jar*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *11/17/97*
Temperature (Celcius):4

BTEX (EPA 8020)

Analyte	Results(mg/kg)	Detection Limit
Benzene	<0.40	0.40
Toluene	<0.50	0.50
Ethyl Benzene	<0.50	0.50
Xylenes	<0.50	0.50

Client Sample #: SECTION 5-02
Laboratory ID #: 94455 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *11/17/97*
Temperature (Celcius):4

TS-TOTAL SOLIDS (EPA 160.3)

Analyte	Results(%)	Detection Limit
Total Solids	**95.4**	

Client Sample #: SECTION 6
Laboratory ID #: 94456 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *11/17/97*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 11/20/97

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

Client Sample #: SECTION 7
Laboratory ID #: 94457 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *11/17/97*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 11/20/97

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	**56**	10

Client Name: Rhino Env. - Farmington
Submission #: 9711000212
Project Name: DP 619-1197
Report Date: 11/21/97

Client Sample #: MW #3
Laboratory ID #: 94458 *Order Type: Normal Matrix: Liquid*
Sample Container: 2xVOA Vial
Sampling Location: LEA COUNTY, NM
Sampling Date : 11/17/97
Temperature (Celcius):4

BTEX (EPA 8020)

Analyte	Results(ug/l)	Detection Limit
Benzene	<5.0	5.0
Toluene	<5.0	5.0
Ethyl Benzene	<5.0	5.0
Xylenes	<5.0	5.0

Report To: Rhino Env. -Farmington
Lab Number: 9711000212
Page 6 of 7

Project: DP 619-1197

QUALITY CONTROL DATA

METHOD	ANALYST	MATRIX	DATE EXTRACTED	DATE ANALYZED
BTEX 8020	Howard Hayden	Solid	11/19/97	11/19/97

SPIKE COMPOUND	SPIKE AMOUNT	% REC 1	% REC 2	% REC QC LIMIT	% VAR.	% VAR QC LIMIT
Benzene	100 ppb	94.1	95.1	80-120	1.1	20.0
Toluene	100 ppb	94.4	95.4	80-120	1.1	20.0
Ethyl Benzene	100 ppb	90.8	91.9	80-120	1.2	20.0
Xylenes	300 ppb	86.0	87.2	80-120	1.4	20.0

QUALITY CONTROL DATA

METHOD	ANALYST	MATRIX	DATE EXTRACTED	DATE ANALYZED
BTEX 8020	Howard Hayden	Liquid	----	11/19/97

SPIKE COMPOUND	SPIKE AMOUNT	% REC 1	% REC 2	% REC QC LIMIT	% VAR.	% VAR QC LIMIT
Benzene	100 ppb	96.9	92.5	80-120	4.5	20.0
Toluene	100 ppb	95.3	90.5	80-120	5.0	20.0
Ethyl Benzene	100 ppb	94.6	91.7	80-120	3.1	20.0
Xylenes	300 ppb	91.4	88.2	80-120	3.5	20.0

Report To: Rhino Env. -Farmington
Lab Number: 9711000212
Page 1 of 1

Project: DP 619-1197

QUALITY CONTROL DATA

TPH results are reported in parts per million (ppm) in solid.

	Value 1	Value 2	% Var.
TPH:	78	76	2.6
CONCENTRATION UNITS:	TPH - ppm		
DETECTION LIMITS:	TPH - 10		

ANALYST	ANALYTE	DATE EXTRACTED	DATE ANALYZED
Anthony Taylor	TPH	11/20/97	11/20/97

QUALITY CONTROL DATA

ANALYTE	DATE ANALYZED	SPIKE (ppm)	STAND. DEV.	COEFF. OF VAR %	REC1/%	REC2/%
Total Solids	11/20/97	---	0	0	---	---

Standard Deviation = (x1-x2)/1.414
Coefficient of Variability % = (S.D./Avg.) X 100
Recovery % = [(spiked-unspiked)/expected] X 100

Purchase Order/Chain Of Custody

Anachem, Inc. 8 Prestige Circle, Suite 104, Allen, TX 75002 Phone: 972-727-9003 Fax: 972-727-9686

Report To: Daniele Berardelli	Bill To: (Buyer) Rhino Environmental
Company: Rhino Environmental	Purchase Order #: RH97-1997 / 054924
Address: 5 CR 6065	Address: PO Box 25547
City, State, Zip: Farmington, NM 87401	City, State, Zip: Alb., NM 87125
Phone: 598-9626 Fax: 598-9627	Phone: 242-6464 Fax: 247-4941
Project Name: DP619-1197	Quote #:
Project Location: Lea County	City, State: NM
Date Due: 11/24 Rush: (0%) 25% 50% 100%	Sampled By: Allen Hodge

Lab#	Client Sample ID	Matrix	Date/Time	Sample Notes	Analysis: 418.1 - TPH	Analysis: 8020 - BTEX	Analysis: Moisture
94446	1. Section 1-01	soil	11/17/97 16:10	ice	X		X
47	2. Section 1A-02	soil	11/17/97 16:10	methanol		X	
48	3. Section 2A-01	soil	11/17/97 15:55	ice	X		X
49	4. Section 2A-02	soil	11/17/97 15:55	methanol		X	
50	5. Section 2B	soil	11/17/97 15:[illegible]	ice	X		
51	6. Section 3	soil	11/17/97 14:[illegible]	ice	X		
52	7. Section 4-01	soil	11/17/97 14:[illegible]	ice	X		X
53	8. Section 4-02	soil	11/17/97 14:[illegible]	methanol		X	
54	9. Section 5-01	soil	11/17/97 14:08	methanol		X	
55	10. Section 5-02	soil	11/17/97 14:00	ice			X

Relinquished By	Date	Time	Received By	Date	Time
[signature]	11-17-97	16:30	[signature]	11/19/97	10:00

Sample Receipt Notes
Temperature 4°C
Preserved Properly
COC Seals Intact
Method of Shipment

In the event that Anachem determines that a sample is hazardous, the client agrees to:
Pay For Sample Disposal ✓
Accept Returned Sample ___

Submission # 9711-212

010 REV 5/97

Sample information is vital for proper login and reporting. This is a contract subject to the terms and conditions on the reverse side.

Purchase Order/Chain Of Custody

Anachem, Inc. 8 Prestige Circle, Suite 104, Allen, TX 75002 Phone: 972-727-9003 Fax: 972-727-9686

Report To: Daniele Berardelli	Bill To: (Buyer) Rhino
Company: Rhino Environmental	Purchase Order #: 054924
Address: 5 CR 6065	Address: P.O. Box 2554?
City, State, Zip: Farmington, NM 87401	City, State, Zip: Alb., NM 87125
Phone: 598-9626 Fax: 598-9627	Phone: 242-6464 Fax: 247-4941

Project Name: DP619-1197 Quote #:

Project Location: Lea County City, State: NM

Date Due: 11/24 Rush: (0%) 25% 50% 100% Sampled By: Allen Hodge

Lab#	Client Sample ID	Matrix	Date/Time	Sample Notes	Analysis: TPH - 418.1	Analysis: BTEX - 8020
94456	1. Section 6	soil	11/17/97 10:35	ice	X	
57	2. Section 7	soil	11/17/97 15:05	ice	X	
58	3. MW #3	water	11/17/97 15:30	HCl		X
	4.					
	5.					
	6.					
	7.					
	8.					
	9.					
	10.					

Relinquished By	Date	Time	Received By	Date	Time
[signature]	11-7-97	1630	[signature]	11/19/97	10:00

Sample Receipt Notes

Temperature 4°c

Preserved Properly

COC Seals Intact

Method of Shipment

In the event that Anachem determines that a sample is hazardous, the client agrees to:
Pay For Sample Disposal ✓
Accept Returned Sample ___

Submission # 9711-212

010 REV 5/97

Sample information is vital for proper login and reporting. This is a contract, subject to the terms and conditions on the reverse side.

To: Allen Hodge 392-93[redacted]76

From: Daniel

Pgs: 1

Date: 11/21

We'll need to resample 3 cells at 619. Results showed TPH hits where it should be clean. Are you guys able to get down 3ft. over there - let me know.

Cell 2A showed 78ppm, need to resample (same location) + submit for TPH (418.1) analysis

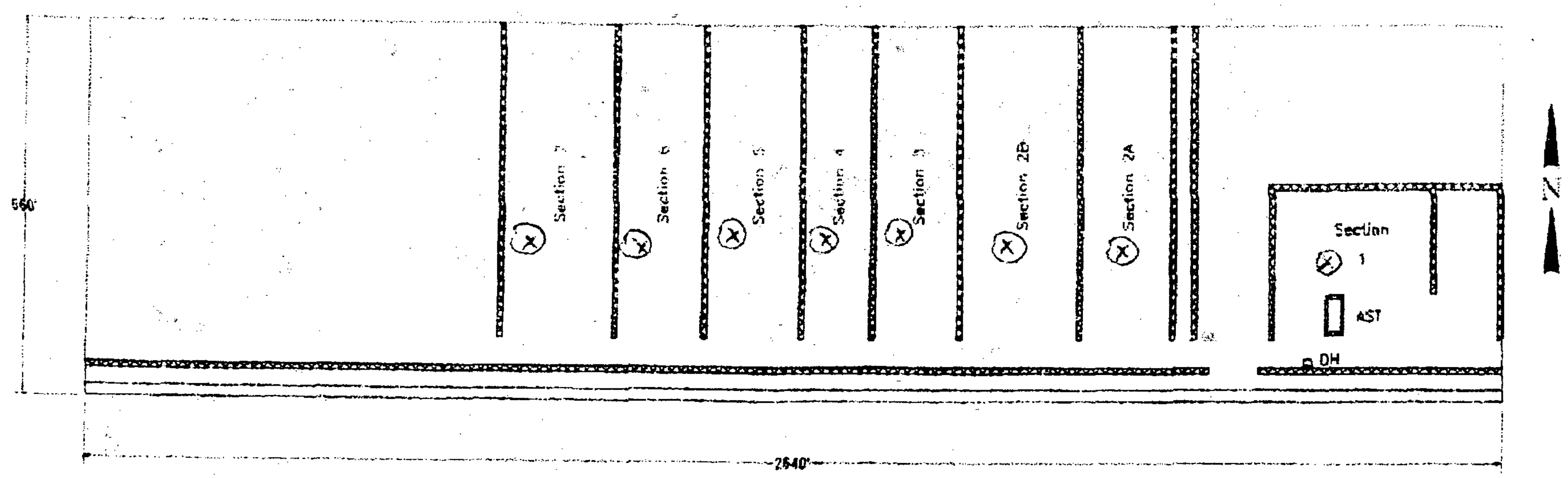
Cell 2B showed 180ppm, this is pretty high, need to collect 2 samples from same location + submit for TPH (418.1) analysis

Cell 7 showed 56 ppm, again need to resample (same location) + submit for TPH (418.1) analysis.

Also - I'll need maps showing sample locations for both rounds at 619 + the one from 600 area.

Have you send the Pride + Snyder, Tx manifests yet - I have not received them. I'll be going out of town next week + wanted to take care of all that before I leave.

Thanks for your help.



AST = Aboveground Storage Tanks
DH = Dog House
= Berm

Ⓧ sample collection location

RHINO ENVIRONMENTAL SERVICES, Inc.

Land Farm DP-619
Site Map
Sec. 11, Sec. 14, T20S, R38E
Lea Co., New Mexico

JOB #

THE REPRODUCTION OF

THE

FOLLOWING

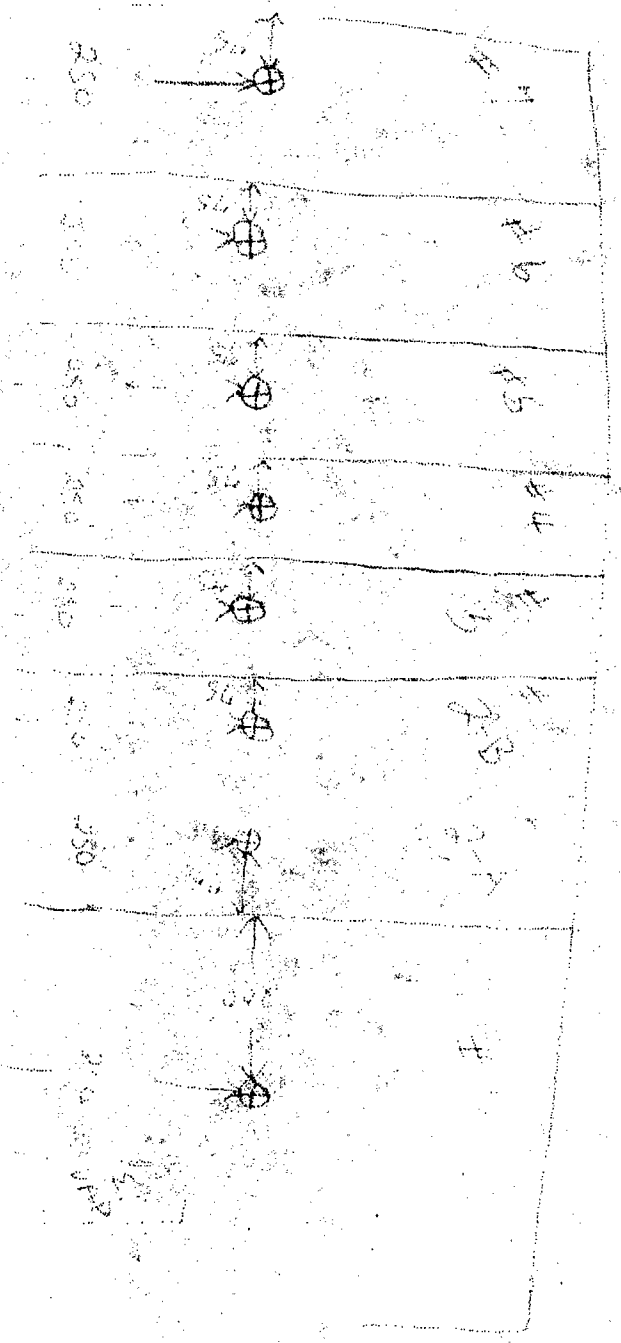
DOCUMENT (S)

CANNOT BE IMPROVED

DUE TO

THE CONDITION OF

THE ORIGINAL



ANACHEM INC.

8 Prestige Circle, Suite 104 Allen, Texas 75002
972/727-9003 • FAX # 972/727-9686 • 1-800-966-1186

Customer Name: Rhino Env. - Farmington
Date Received: December 1, 1997 at 09:00:00
Date Reported: December 1, 1997
Submission #: 9712000002
Project: RHINO ENVIRONMENTAL

SAMPLES The submission consisted of 3 samples with sample I.D.'s shown in the attached data tables.

TESTS The samples listed in the attached result pages were analyzed for:
* TPH (EPA 418.1)

Distribution Of Reports
1-Ms. Daniele Berardelli of Rhino Env. - Farmington
Ph. 505-598-9626 Fax 505-598-9627

Respectfully Submitted,
Anachem,Inc.

Howard H. Hayden, B.S.
Chemist

Submission #: 9712000002 lims

NOTE: Submitted material will be retained for 60 days unless notified or consumed in analysis. Material determined to be hazardous will be returned or a $20 disposal fee will be assessed. Our letters and reports are for the exclusive use of the client to whom they are addressed. The use of our name must receive our prior written approval. Our letters and reports apply to the sample tested and/or inspected, and are not necessarily indicative of the qualitites of apparently identical or similar materials.

95000 to 95002

Client Name: Rhino Env. - Farmington
Submission #: 9712000002
Project Name: RHINO ENVIRONMENTAL
Report Date: 12/01/97

Client Sample #: CELL 2-A
Laboratory ID #: 95000 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\White lid*
Sampling Location: *DP-619, HOBBS, NM*
Sampling Date : *11/28/97*

TPH (EPA 418.1)
TPH Prep Date: 12/01/97

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

Client Sample #: CELL 2-B
Laboratory ID #: 95001 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\White lid*
Sampling Location: *DP-619, HOBBS, NM*
Sampling Date : *11/28/97*

TPH (EPA 418.1)
TPH Prep Date: 12/01/97

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

Client Sample #: CELL 7
Laboratory ID #: 95002 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\White lid*
Sampling Location: *DP-619, HOBBS, NM*
Sampling Date : *11/28/97*

TPH (EPA 418.1)
TPH Prep Date: 12/01/97

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

Report To: Rhino Env.
Project: RHINO ENVIRONMENTAL
Lab Number: 9712000002

QUALITY CONTROL DATA

TPH results are reported in parts per million (ppm) in solid.

	Value 1	Value 2	% Var.
TPH:	252	244	3.2
CONCENTRATION UNITS:	TPH - ppm		
DETECTION LIMITS:	TPH - 10		

ANALYST	ANALYTE	DATE EXTRACTED	DATE ANALYZED
Anthony Taylor	TPH	12/1/97	12/1/97

Purchase Order/Chain Of Custody

Anachem, Inc. 8 Prestige Circle, Suite 104, Allen, TX 75002 Phone: 972-727-9003 Fax: 972-727-9686

Report To: DANIELLE BERARDELLI	Bill To: (Buyer) RHINO ENVIRONMENTAL
Company: RHINO ENVIRONMENTAL	Purchase Order #:
Address: 5 RD. 6065	Address: P.O. BOX 255477
City, State, Zip: FARMINGTON, NM 87401	City, State, Zip: ALBUQUERQUE, NM 87125
Phone: 1-800-499-8393 Fax: 505-598-9627	Phone: 1-800-762-0241 Fax: 505-247-4441
Project Name: RHINO ENVIRONMENTAL	Quote #:
Project Location: DP-619	City, State: Hobbs, NM
Date Due: ASAP Rush: 0% 25% 50% (100%)	Sampled By: ALLEN Hodge

Lab#	Client Sample ID	Matrix	Date/Time	Sample Notes	Analysis: TPH 418.1
95000	1. CELL 2-A	SOIL	11-28-97 11:00 AM	ICE	X
01	2. CELL 2-B	SOIL	11-28-97 11:30 AM	ICE	X
02	3. CELL 7	SOIL	11-28-97 12:00 AM	ICE	X
	4.				
	5.				
	6.				
	7.				
	8.				
	9.				
	10.				

Relinquished By	Date	Time	Received By	Date	Time
	11-28-97	1:00 PM			

Sample Receipt Notes
Temperature
Preserved Properly
COC Seals Intact
Method of Shipment FED EX

In the event that Anachem determines that a sample is hazardous, the client agrees to:
Pay For Sample Disposal____
Accept Returned Sample ____

Submission # 9712-02

010 REV 5/97

Sample information is vital for proper login and reporting. This is a contract subject to the terms and conditions on the reverse side.

RHINO ENVIRONMENTAL SERVICES, INC.

August 15, 1997

Ms. Vicky Maranville
Ground Water Section
New Mexico Environment Department
1190 St. Francis Drive, PO Box 26110
Santa Fe, NM 87502

Re: Landfarm Facility DP-619:
Quarterly Report -August 31, 1997

Dear Ms. Maranville:

In accordance with the conditions set forth in the Approved Discharge Plan, DP-619, enclosed please find the August 1997 quarterly report for Rhino's facility eight (8) mile south of Hobbs, Lea County, New Mexico. This report serves to maintain a written record of the amount of contaminated soil and wastewater accepted for treatment and to ensure that no contaminant migration has occurred.

Table one (1) includes all soils and water accepted from May 1, 1997 to July 31, 1997. One native soil sample was retrieved from each treatment area three (3) feet below the natural soil surface and submitted to Anachem, Inc. for analysis. Figure No. 1 is a site map showing the location of the samples. One sample was submitted for each cell. The analytical results are summarized in Table two (2). A copy of the analytical report is submitted as Appendix A.

Please don't hesitate to call if you have any questions or require additional information.

Sincerely,

Daniele Berardelli
Rhino Environmental Services, Inc.

Attachments

RHINO ENVIRONMENTAL SERVICES, INC.

DISCHARGE PLAN DP-619
QUARTERLY REPORT
August 31, 1997

Soil accepted from May 1, 1997 to July 31, 1997

A total of 43.98 cubic yards (cy)of soil were received during this quarter. A list of these soils are shown in the table below. All soils were disced on a regular basis.

TABLE NO. 1

DATE	VOLUME	SOURCE	TYPE	SECTION
05-22-97	6.99 cy	U.S. Postal Service 500 Marquette Albuquerque, New Mexico	Diesel	Cell 3
06-26-97	0.33 cy	Rip Griffins 50th and Avenue A Lubbock, Texas	Gasoline	Cell 5
06-26-97	4.0 cy	SPD # 7 2618 50th Street Lubbock, Texas	Gasoline	Cell 5
06-28-97	3.3 cy	Cornelius Conoco South 2nd Street Floydada, Texas	Gasoline	Cell 5
06-28-97	3.0 cy	Rip Griffins Gomez, Texas	Gasoline	Cell 5
06-28-97	0.7 cy	Wilson Chevron 402 S. Broadway Post, Texas	Gasoline	Cell 5
06-28-97	0.6 cy	B & H Chevron 101 N. Broadway Post, Texas	Gasoline	Cell 5
06-28-97	3.3 cy	SPD # 5 5801 4th Street Lubbock, Texas	Gasoline	Cell 5
06-28-97	1.66 cy	Shing Kon Hon 34th and Knoxville Avenue Lubbock, Texas	Gasoline	Cell 5
06-28-97	2.3 cy	Bobs Chevron 3664 50th Street Lubbock, Texas	Gasoline	Cell 5
06-28-97	4.6 cy	Brownfield Communications 717 Seagraves Road Brownfield, Texas	Gasoline	Cell 5

DATE	VOLUME	SOURCE	TYPE	SECTION
06-28-97	4.6 cy	Benton Oil 2902 Parkway Lubbock, Texas	Gasoline	Cell 5
06-28-97	0.6 cy	Preston Store #6 4102 39th Street Lubbock, Texas	Gasoline	Cell 5
07-03-97	1.5 cy	7-Eleven #57100 800 County Road West Odessa, Texas	Gasoline	Cell 5
07-03-97	2.5 cy	7-Eleven #57504 800 S. Gregg Big Spring, Texas	Gasoline	Cell 5
07-08-97	2.0 cy	Southwest Energy Distributors 2210 W. 2nd Street Odessa, Texas	Gasoline	Cell 5
07-08-97	2.0 cy	7-Eleven #57110 1523 North Harless Odessa, Texas	Gasoline	Cell 5

Quarterly Soil Sampling:

One native soil sample was retrieved from the treatment area 3 feet below the natural soil surface. Figure No. 1 is a Site Map showing the location of the sample. Samples were submitted for analysis by EPA method 418.1 (TPH) and EPA method 8020 (benzene-BTEX). The analytical results are summarized in Table No. 1.

Table No. 1
Summary of Analytical Results from Native Soil Sampling

Sample ID	Benzene ug/kg	TPH mg/kg
*Cell 1		
Cell 2A	< 0.40	< 10
Cell 2B		< 5.0
Cell 3	< 0.40	< 10
Cell 4	< 0.40	< 10
Cell 5	< 0.40	< 10
Cell 6		< 5.0
**Cell 7		60.0←

✓ MW3 (ID*MW-01) 25.0 ug/l DB

Copies of the analytical reports are shown in Appendix A. The results of the native soil testing were below detection limits for all cell except 7, thereby demonstrating no contaminant migration into native soils.

- No soil has been accepted into Cell 1. Cell 1 is currently inactive, therefore, no native soil sample was collected.
- I spoke with Mr. Howard Hayden, Chemist, Anachem, Inc. concerning Cell 7. Under DP-619 is a large caliche layer, practically solid rock. Considering all past native soil results and the subsurface geology, I could not see how this result could be accurate. Mr. Hayden explained that the 60 ppm result may not have been due to petroleum contamination, but may instead have been the result of carbonaceous material slipping through the filter. This material may have caused interference and caused the IR to see a false reading. Please let me know if NMED would like us to collect and analyze another sample.

ANACHEM INC.
8 Prestige Circle, Suite 104 Allen, Texas 75002
972/727-9003 • FAX # 972/727-9686 • 1-800-466-1186

Customer Name: Rhino Env. - Farmington
Date Received: August 7, 1997 at 10:00:00
Date Reported: August 8, 1997
Submission #: 9708000069
Project: DP 6190897

SAMPLES The submission consisted of 12 samples with sample I.D.'s shown in the attached data tables.

TESTS The samples listed in the attached result pages were analyzed for:
* BTEX (EPA 8020)
* METHANOL SAMPLE CONTAINER PREP, NEW MEXICO
* TPH (EPA 418.1)

Distribution Of Reports
1-Ms. Daniele Berardelli of Rhino Env. - Farmington
Ph. 505-598-9626 Fax 505-598-9627

Respectfully Submitted,
Anachem,Inc.

Howard H. Hayden, B.S.
Chemist

Submission #: 9708000069 lims

NOTE: Submitted material will be retained for 60 days unless notified or consumed in analysis. Material determined to be hazardous will be returned or a $20 disposal fee will be assessed. Our letters and reports are for the exclusive use of the client to whom they are addressed. The use of our name must receive our prior written approval. Our letters and reports apply to the sample tested and/or inspected, and are not necessarily indicative of the qualitites of apparently identical or similar materials.

88710 to 88721

Client Name: Rhino Env. - Farmington
Submission #: 9708000069
Project Name: DP 6190897
Report Date: 08/08/97

Client Sample #: 2A-01
Laboratory ID #: 88710 *Order Type: Normal Matrix: Soil*
Sample Container: *Methanol Jar*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *08/04/97*
Temperature (Celcius):4

BTEX (EPA 8020)

Analyte	Results(mg/kg)	Detection Limit
Benzene	<0.40	0.40
Toluene	<0.50	0.50
Ethyl Benzene	<0.50	0.50
Xylenes	<0.50	0.50

Client Sample #: 2A-02
Laboratory ID #: 88711 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *08/04/97*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 08/08/97

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

Client Sample #: 2B-01
Laboratory ID #: 88712 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *08/04/97*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 08/08/97

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

Client Sample #: 3-01
Laboratory ID #: 88713 *Order Type: Normal Matrix: Soil*
Sample Container: *Methanol Jar*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *08/04/97*
Temperature (Celcius):4

BTEX (EPA 8020)

Analyte	Results(mg/kg)	Detection Limit
Benzene	<0.40	0.40
Toluene	<0.50	0.50
Ethyl Benzene	<0.50	0.50
Xylenes	<0.50	0.50

Client Name: Rhino Env. - Farmington
Submission #: 9708000069
Project Name: DP 6190897
Report Date: 08/08/97

Client Sample #: 3-02
Laboratory ID #: 88714 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *08/04/97*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 08/08/97

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

Client Sample #: 4-01
Laboratory ID #: 88715 *Order Type: Normal Matrix: Soil*
Sample Container: *Methanol Jar*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *08/04/97*
Temperature (Celcius):4

BTEX (EPA 8020)

Analyte	Results(mg/kg)	Detection Limit
Benzene	<0.40	0.40
Toluene	<0.50	0.50
Ethyl Benzene	<0.50	0.50
Xylenes	<0.50	0.50

Client Sample #: 4-02
Laboratory ID #: 88716 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *08/04/97*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 08/08/97

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

Client Sample #: G5-01
Laboratory ID #: 88717 *Order Type: Normal Matrix: Soil*
Sample Container: *Methanol Jar*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *08/04/97*
Temperature (Celcius):1

BTEX (EPA 8020)

Analyte	Results(mg/kg)	Detection Limit
Benzene	<0.40	0.40
Toluene	<0.50	0.50
Ethyl Benzene	<0.50	0.50
Xylenes	<0.50	0.50

Client Name: Rhino Env. - Farmington
Submission #: 9708000069
Project Name: DP 6190897
Report Date: 08/08/97

Client Sample #: G5-02
Laboratory ID #: 88718 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar \Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *08/04/97*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 08/08/97

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

Client Sample #: D6-01
Laboratory ID #: 88719 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar \Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *08/04/97*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 08/08/97

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	<10	10

Client Sample #: U7-01
Laboratory ID #: 88720 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar \Aqua Lid*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *08/04/97*
Temperature (Celcius):4

TPH (EPA 418.1)
TPH Prep Date: 08/08/97

Analyte	Results(mg/kg)	Detection Limit
Total Petroleum Hydrocarbons	60	10

Client Sample #: MW-1
Laboratory ID #: 88721 *Order Type: Normal Matrix: Liquid*
Sample Container: *VOA Vial*
Sampling Location: *LEA COUNTY, NM*
Sampling Date : *08/04/97*
Temperature (Celcius):4

BTEX (EPA 8020)

Analyte	Results(ug/l)	Detection Limit
Benzene	<5.0	5.0
Toluene	<5.0	5.0
Ethyl Benzene	<5.0	5.0
Xylenes	<5.0	5.0

Report To: Rhino Environmental
Lab Number: 9708000069
Page 5 of 5

Project: DP6190897

QUALITY CONTROL DATA

METHOD	ANALYST	MATRIX	DATE EXTRACTED	DATE ANALYZED
BTEX 8020	Howard Hayden	Solid	8/7/97	8/7/97

SPIKE COMPOUND	SPIKE AMOUNT	% REC 1	% REC 2	% REC QC LIMIT	% VAR.	% VAR QC LIMIT
Benzene	100 ppb	104	102	80-120	1.9	20.0
Toluene	100 ppb	106	103	80-120	2.8	20.0
Ethyl Benzene	100 ppb	111	108	80-120	2.7	20.0
Xylenes	300 ppb	114	111	80-120	2.6	20.0

QUALITY CONTROL DATA

TPH results are reported in parts per million (ppm) in solid.

	Value 1	Value 2	% Var.
TPH:	60	58	3.3
CONCENTRATION UNITS:	TPH - ppm		
DETECTION LIMITS:	TPH - 10		

ANALYST	ANALYTE	DATE EXTRACTED	DATE ANALYZED
Anthony Taylor	TPH	8/8/97	8/8/97

QUALITY CONTROL DATA

METHOD	ANALYST	MATRIX	DATE EXTRACTED	DATE ANALYZED
BTEX 8020	Howard Hayden	Liquid	---	8/7/97

SPIKE COMPOUND	SPIKE AMOUNT	% REC 1	% REC 2	% REC QC LIMIT	% VAR.	% VAR QC LIMIT
Benzene	100 ppb	95.7	100	80-120	4.3	20.0
Toluene	100 ppb	98.1	103	80-120	4.8	20.0
Ethyl Benzene	100 ppb	102	109	80-120	6.4	20.0
Xylenes	300 ppb	103	105	80-120	1.9	20.0

Purchase Order/Chain Of Custody

Anachem, Inc. 8 Prestige Circle, Suite 104, Allen, TX 75002 Phone: 972-727-9003 Fax: 972-727-9686

Report To: Daniele Berardelli	Bill To: (Buyer) Rhino
Company: Rhino	Purchase Order #: RH-1997/0897619
Address: 5 CR 6065	Address: PO Box 25547
City, State, Zip: Farmington, NM 87401	City, State, Zip: Alb., NM 87125
Phone: (505) 598-9626 Fax: (505) 598-9627	Phone: 5052426464 Fax: 505 247-4941

Project Name: DP6190897 Quote #:

Project Location: Lea County City, State: NM

Date Due: Rush: (0%) 25% 50% 100% Sampled By: S. Dy

Lab#	Client Sample ID	Matrix	Date/Time	Sample Notes	Analysis: BTEX (8020)	Analysis: TPH (418.1)
88710 -	(1) 2A-01	Soil	8/4 7:00 am	methanol ice	X	
11 /	(2) 2A-02		" 7:10	ice		X
12 .	(3) 2B-01		" 7:20	ice		X
13 /	(4) 3-01		" 7:30	methanol ice	X	
14 -	(5) 3-02		" 7:40	ice		X
15 /	(6) 4-01		" 7:50	methanol ice	X	
16 -	(7) 4-02		" 8:00	ice		X
17 -	(8) 65-01		" 8:15	methanol ice	X	
18 .	(9) 65-02		" 8:30	ice		X
19 /	(10) D6-01		8/4 8:45	ice		X

Relinquished By	Date	Time	Received By	Date	Time
Steve Dy	8-6-97	9:20	Doris Tenorio	8/6/97	9:20 AM
			Brad Hamblin	8/7/97	10:00

Sample Receipt Notes

Temperature 4°C

Preserved Properly

COC Seals Intact

Method of Shipment

In the event that Anachem determines that a sample is hazardous, the client agrees to:
Pay For Sample Disposal ✓
Accept Returned Sample ____

Submission # 9708-69

010 REV 5/97

Sample information is vital for proper login and reporting. This is a contract subject to the terms and conditions on the reverse side.

Purchase Order/Chain Of Custody

Anachem, Inc. 8 Prestige Circle, Suite 104, Allen, TX 75002 Phone: 972-727-9003 Fax: 972-727-9686

Report To: Daniele Buardilli	Bill To: (Buyer) Rhino
Company: Rhino	Purchase Order #: RH-1997/0897619
Address: 5 CR 6065	Address: PO Box 25547
City, State, Zip: Farmington, NM 87401	City, State, Zip: Alb., NM 87125
Phone: 5055989626 Fax: 5055989627	Phone: 5052426464 Fax: 5052474941

Project Name: DP6190897 Quote #:

Project Location: Lea County City, State: NM

Date Due: Rush: (0%) 25% 50% 100% Sampled By:

Lab#	Client Sample ID	Matrix	Date/Time	Sample Notes	TPH (418.1)	BTEX (8020)							
887201	1. U7-01	soil	8/4-9:00	ice	X								
21	2. MW-01	water	8/4 9:15	HCl		X							
	3.												
	4.												
	5.												
	6.												
	7.												
	8.												
	9.												
	10.												

Relinquished By	Date	Time	Received By	Date	Time	Sample Receipt Notes
Steve Ary	8-6-97	9:15	Doris Jernee	8/6/97	9:15 AM	Temperature 4°c
			Shad Hamhill	8/7/97	10:00	Preserved Properly
						COC Seals Intact
						Method of Shipment

In the event that Anachem determines that a sample is hazardous, the client agrees to:
Pay For Sample Disposal ✓
Accept Returned Sample ____

Submission # 9708-69

010 REV 5/97

Sample information is vital for proper login and reporting. This is a contract subject to the terms and conditions on the reverse side.

COMPILATION SHEET

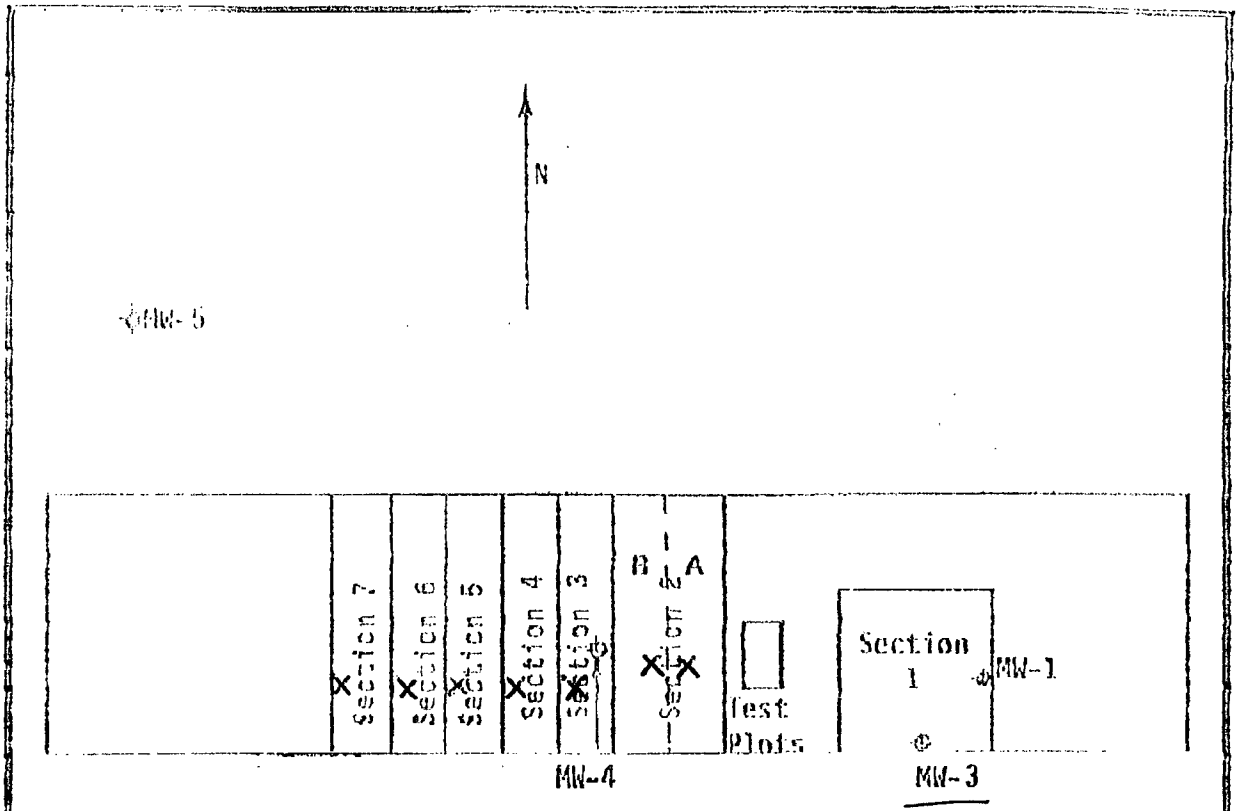
RHINO ENVIRONMENTAL SERVICES
ALBUQUERQUE, NEW MEXICO

DATE: PAGE OF

JOB NAME:

DESCRIPTION:

JOB NO: BY: CHK'D:



X Sample Location
⊕ Monitor Wells

Figure No. 1	Site Map	Discharge Plan DP-619 Hobbs, NM

RHINO
Environmental Services, Inc.
300 Broadway NE • Albuquerque, New Mexico 87102
(505) 242-6464 • Fax (505) 247-4941

May 22, 1997 ✓

Phyllis Bustamante
Ground Water Section
New Mexico Environment Department
1190 St. Francis Drive, PO Box 26110
Santa Fe, NM 87503

Re: Landfarm Facility DP-619:
Quarterly Report -May 31, 1997

Dear Ms. Bustamante:

In accordance with the conditions set forth in the Approved Discharge Plan, DP-619, enclosed please find the May 31, 1997 quarterly report for Rhino's facility 1 mile northwest of Newman, New Mexico. This report serves to maintain a written record of the amount of contaminated soil and wastewater accepted for treatment and to ensure that no contaminant migration has occurred.

Table one (1) includes all soils and water accepted from February 1997 to April 30, 1997. One native soil sample was retrieved from each treatment area 3 feet below the natural soil surface and submitted to Anachem, Inc. for analysis. Figure No. 1 is a site map showing the location of the samples. One sample was submitted for each cell. The analytical results are summarized in Table two (2). A copy of the analytical report is submitted as Appendix A.

Please don't hesitate to call if you have any questions or require additional information.

Sincerely,

Daniele Berardelli
Rhino Environmental Services, Inc.

Attachments

TABLE 1 - SOIL AND WATER LOG

DISCHARGE PLAN DP-619
QUARTERLY REPORT
May 31, 1997

Soil accepted from February 1997 to April 30, 1997

A total of 111.57 cubic yards (cy)of soil were received during this quarter. A list of these soils are shown in the table below. All soils were disced on a regular basis.

TABLE NO. 1

DATE	VOLUME	SOURCE	TYPE	SECTION-Staged
03-19-97 and 03-24-97	4.75 cy	South Plains Bank 600 S. College Ave. Levelland, Texas	Gasoline	Cell G-5
03-19-97	2.25 cy	Key Pump Station 300 S. College Levelland, Texas	Gasoline	Cell G-5
03-19-97	2.00 cy	Howdy's Convenience Store 212 College Ave. Levelland, New Mexico	Gasoline	Cell G-5
03-19-97	1.50 cy	Southwest Evans Corp. 501 S. College Ave. Levelland, Texas	Gasoline	Cell G-5
03-19-97	1.50 cy	G & C Contracting 501 N. College Ave. Levelland, Texas	Gasoline	Cell G-5
03-19-97	1.25 cy	Homer Johnson Bulk Terminal Hwy. 114 Levelland, Texas	Gasoline	Cell G-5
03-19-97	1.75 cy	McLain # 18 1210 Avenue H Levelland, Texas	Gasoline	Cell G-5
03-20-97	2.50 cy	Markham's Grocery 005 S. Monroe New Deal, Texas	Gasoline	Cell G-5
03-20-97	1.75 cy	Hunter Millworks, Inc. 5605 Brownfield Rd. Lubbock, Texas	Gasoline	Cell G-5
03-20-97	4.25 cy	S & S Shell 19th & Quaker Lubbock, Texas	Gasoline	Cell G-5
03-20-97	1.75 cy	Preston Store #4 4701 Avenue H Lubbock, Texas	Gasoline	Cell G-5

DATE	VOLUME	SOURCE	TYPE	SECTION-Staged
03-20-97	2.25 cy	Rip Griffins Truck Center 4609 Avenue A Lubbock, Texas	Gasoline	Cell G-5
03-21-97	10.64 cy	Socorro Nat'l Guard Armory Dept. Of Military Affairs Hwy. 60 West Socorro, New Mexico	Diesel	Cell 3
04-02-97	1.43 cy	Tumbleweed Petroleum 414 W. Third 2323 Tolliver Pecos, Texas	Gasoline	Cell G-5
04-05-97	14.0 cy	AA1 Auto Sales 7900 Central Ave. Albuquerque, New Mexico	Waste Oil	Cell 3
04-15-97	40.0 cy	Chevron 3200 Broadway SE Albuquerque, New Mexico	Diesel	Cell 3
04-18-97	5.67 cy	TNRCC 2303 Clovis Road Lubbock, Texas	Gasoline	Cell G-5
04-18-97	5.0 cy	TNRCC 1405 Avenue A Lubbock, Texas	Gasoline	Cell G-5
04-18-97	7.33 cy	TNRCC 7902 Cedar Avenue Lubbock, Texas	Gasoline	Cell G-5

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS

Quarterly Soil Sampling:

One native soil sample was retrieved from the treatment area 3 feet below the natural soil surface. Figure No. 1 is a Site Map showing the location of the sample. Samples were submitted for analysis by EPA method 418.1 (TPH) and EPA method 8020 (benzene-BTEX). The analytical results are summarized in Table No. 1.

Table No. 1
Summary of Analytical Results from Native Soil Sampling

Sample ID	Benzene ug/kg	TPH mg/kg
*Cell 1		
Cell 2A	< 0.40	< 10
Cell 2B		< 5.0
Cell 3	< 0.40	< 10
Cell 4	< 0.40	< 10
Cell 5	< 0.40	< 10
Cell 6		< 5.0
Cell 7		< 5.0

Copies of the analytical reports are shown in Appendix A. The results of the native soil testing were below detection limits for each cell, thereby demonstrating no contaminant migration into native soils.

- No soil has been accepted into Cell 1. Cell 1 is currently inactive, therefore, no native soil sample was collected.

APPENDIX A - ANALYTICAL RESULTS

ANACHEM INC.

8 Prestige Circle, Suite 104 Allen, Texas 75002
972/727-9003 • FAX # 972/727-9686 • 1-800-966-1186

Customer Name: Rhino Env.- Alb.
Date Received: May 15, 1997 at 10:00:00
Date Reported: May 20, 1997
Submission #: 9705000154
Project: 6190597

SAMPLES The submission consisted of 7 samples with sample I.D.'s shown in the attached data tables.

TESTS The samples listed in the attached result pages were analyzed for:
* BTEX/TPH (EPA 8020/MOD 8015 GAS-RANGE)
* TPH DIESEL-RANGE (MOD 8015)
* TS-TOTAL SOLIDS (EPA 160.3)

Distribution Of Reports
1-Mr. Jerry Dunlap of Rhino Env.- Alb.
Ph. 505-242-6464 Fax 505-247-4941

Respectfully Submitted,
Anachem,Inc.

Howard H. Hayden, B.S.
Chemist

C.E. Newton, Ph.D.
Chemist

Submission #: 9705000154 lims

NOTE: Submitted material will be retained for 60 days unless notified or consumed in analysis. Material determined to be hazardous will be returned or a $20 disposal fee will be assessed. Our letters and reports are for the exclusive use of the client to whom they are addressed. The use of our name must receive our prior written approval. Our letters and reports apply to the sample tested and/or inspected, and are not necessarily indicative of the qualitites of apparently identical or similar materials.

84470 to 84476

Client Name: Rhino [illegible] v.- Alb.
Submission #: 9705000154
Project Name: 6190597
Report Date: 05/20/97

Client Sample #: 2A
Laboratory ID #: 84470 *Order Type: Normal Matrix: Soil*
Sample Container: *Methanol Jar,Vial*
Sampling Location: *DP 619, HOBBS, NM*
Sampling Date : *05/13/97*
Temperature (Celcius):4

BTEX/TPH (EPA 8020/MOD 8015 GAS-RANGE)

Analyte	Results	Detection Limit
Benzene	<0.40	0.40
Toluene	<0.50	0.50
Ethyl Benzene	<0.50	0.50
Xylenes	<0.50	0.50
TPH	<10	10

BTEX results are reported in parts per million (ppm) in soil and parts per billion (ppb) in water and air. TPH results are reported in parts per million (ppm) in soil, air, and water.

TPH DIESEL-RANGE (MOD 8015)

Analyte	Results(mg/kg)	Detection Limit
Diesel-Range Petroleum Hydrocarbons	<5.0	5.0

TS-TOTAL SOLIDS (EPA 160.3)

Analyte	Results(%)	Detection Limit
Total Solids	**93.1**	

Client Sample #: 2B
Laboratory ID #: 84471 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *DP 619, HOBBS, NM*
Sampling Date : *05/13/97*
Temperature (Celcius):4

TPH DIESEL-RANGE (MOD 8015)

Analyte	Results(mg/kg)	Detection Limit
Diesel-Range Petroleum Hydrocarbons	<5.0	5.0

Client Sample #: 3
Laboratory ID #: 84472 *Order Type: Normal Matrix: Soil*
Sample Container: *Methanol Jar,Vial*
Sampling Location: *DP 619, HOBBS, NM*
Sampling Date : *05/13/97*
Temperature (Celcius):4

BTEX/TPH (EPA 8020/MOD 8015 GAS-RANGE)

Analyte	Results	Detection Limit
Benzene	<0.40	0.40
Toluene	<0.50	0.50
Ethyl Benzene	<0.50	0.50
Xylenes	<0.50	0.50
TPH	<10	10

BTEX results are reported in parts per million (ppm) in soil and parts per billion (ppb) in water and air. TPH results are reported in parts per million (ppm) in soil, air, and water.

TPH DIESEL-RANGE (MOD 8015)

Analyte	Results(mg/kg)	Detection Limit
Diesel-Range Petroleum Hydrocarbons	<5.0	5.0

Client Name: Rhino Env.- Alb.
Submission #: 9705000154
Project Name: 6190597
Report Date: 05/20/97

TS-TOTAL SOLIDS (EPA 160.3)

Analyte	Results(%)	Detection Limit
Total Solids	**92.6**	

Client Sample #: 4
Laboratory ID #: 84473 *Order Type: Normal Matrix: Soil*
Sample Container: *Methanol Jar,Vial*
Sampling Location: *DP 619, HOBBS, NM*
Sampling Date : *05/13/97*
Temperature (Celcius):4

BTEX/TPH (EPA 8020/MOD 8015 GAS-RANGE)

Analyte	Results	Detection Limit
Benzene	<0.40	0.40
Toluene	<0.50	0.50
Ethyl Benzene	<0.50	0.50
Xylenes	<0.50	0.50
TPH	<10	10

BTEX results are reported in parts per million (ppm) in soil and parts per billion (ppb) in water and air. TPH results are reported in parts per million (ppm) in soil, air, and water.

TPH DIESEL-RANGE (MOD 8015)

Analyte	Results(mg/kg)	Detection Limit
Diesel-Range Petroleum Hydrocarbons	<5.0	5.0

TS-TOTAL SOLIDS (EPA 160.3)

Analyte	Results(%)	Detection Limit
Total Solids	**91.3**	

Client Sample #: 5
Laboratory ID #: 84474 *Order Type: Normal Matrix: Soil*
Sample Container: *Methanol Jar,Vial*
Sampling Location: *DP 619, HOBBS, NM*
Sampling Date : *05/13/97*
Temperature (Celcius):4

BTEX/TPH (EPA 8020/MOD 8015 GAS-RANGE)

Analyte	Results	Detection Limit
Benzene	<0.40	0.40
Toluene	<0.50	0.50
Ethyl Benzene	<0.50	0.50
Xylenes	<0.50	0.50
TPH	<10	10

BTEX results are reported in parts per million (ppm) in soil and parts per billion (ppb) in water and air. TPH results are reported in parts per million (ppm) in soil, air, and water.

TS-TOTAL SOLIDS (EPA 160.3)

Analyte	Results(%)	Detection Limit
Total Solids	**92.3**	

Client Name: Rhino Env.- Alb.
Submission #: 9705000154
Project Name: 6190597
Report Date: 05/20/97

Client Sample #: 6
Laboratory ID #: 84475 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *DP 619, HOBBS, NM*
Sampling Date : *05/13/97*
Temperature (Celcius):4

TPH DIESEL-RANGE (MOD 8015)

Analyte	Results(mg/kg)	Detection Limit
Diesel-Range Petroleum Hydrocarbons	<5.0	5.0

Client Sample #: 7
Laboratory ID #: 84476 *Order Type: Normal Matrix: Soil*
Sample Container: *4oz EPA Approved Glass Jar\Aqua Lid*
Sampling Location: *DP 619, HOBBS, NM*
Sampling Date : *05/13/97*
Temperature (Celcius):4

TPH DIESEL-RANGE (MOD 8015)

Analyte	Results(mg/kg)	Detection Limit
Diesel-Range Petroleum Hydrocarbons	<5.0	5.0

Report to: Rhino Environmental
Lab Number: 9705000154
Page 5 of 5

Project: 6190597

QUALITY CONTROL DATA

ANALYTE	DATE ANALYZED	SPIKE (ppm)	STAND. DEV.	COEFF. OF VAR %	REC1/%	REC2/%
Total Solids	5/15/97	----	0.387	2.5	----	----

Standard Deviation = (x1-x2)/1.414
Coefficient of Variability % = (S.D./Avg.) X 100
Recovery % = [(spiked-unspiked)/expected] X 100

QUALITY CONTROL DATA

METHOD	ANALYST	MATRIX	DATE EXTRACTED	DATE ANALYZED
BTEX/TPH 8020/8015	Howard Hayden	Solid	5/16/97	5/16/97

SPIKE COMPOUND	SPIKE AMOUNT	% REC 1	% REC 2	% REC QC LIMIT	% VAR.	% VAR QC LIMIT
Benzene	100 ppb	98.5	100	80-120	1.5	20.0
Toluene	100 ppb	105	106	80-120	0.94	20.0
Ethyl Benzene	100 ppb	105	106	80-120	0.94	20.0
Xylenes	300 ppb	99.4	96.6	80-120	2.8	20.0

QUALITY CONTROL DATA

METHOD	ANALYST	MATRIX	DATE EXTRACTED	DATE ANALYZED
8015 Mod.	Dennis Shaw	Solid	5/19/97	5/19/97

SPIKE COMPOUND	SPIKE AMOUNT	% REC 1	% REC 2	% REC QC LIMIT	% VAR.	% VAR QC LIMIT
Diesel Fuel	6085 ppm	94.5	97.6	20-150	3.2	30

Chain Of Custody/Order Form

Anachem,Inc. 8 Prestige Circle, Suite 104, Allen,Tx 75002 Phone: 214-727-9003 Fax: 214-727-9686

Report To: Daniele Berardelli	Bill To: Rhino
Company: Rhino	Purchase Order #: 6190597
Address: 5 CR 6065	Address: PO Box 25547
City, State, Zip: Farmington, NM 87401	City, State, Zip: Alb., NM 87125
Phone: (505) 598-9626 Fax: (505) 598-9627	Phone (505) 242-6464 Fax (505) 247-4941
Project Name: 6190597	
Project Location: DP619	City,State: Hobbs, NM
Date Due:	Rush: (0%) 50% 100% Sampled By: D. Berardelli + S. Dyer

Anachem Lab#	Client Sample ID	Matrix	Date/Time	Preserv/Temp	Sample Notes	Analysis: BTEX 8020	TPH 8015 GRO	TPH 8015 DRO	Moisture
1 8470	2A	Soil	5-13/7:38	Methanol/ Ice	4°C	X	X	X	X
2 71	2B		5-13/8:15	Ice				X	
3 72	03		5-13/7:45	Methanol/ Ice		X	X	X	X
4 73	04		5-13/7:30	Methanol/ Ice		X	X	X	X
5 74	05		5-13/7:50	Methanol/ Ice		X	X		X
6 75	06		5-13/8:05	Ice				X	
7 76	07		5-13/8:25	Ice				X	
8									
9									
10									

Relinquished By	Received By	Date	Time	Delivery	Analyst
	Louis Lara	5/14/97	13:15		
	Brad Thornhill	5/15/97	1000		Log-in

In the event that Anachem determines that a sample is hazardous, the client agrees to :
Pay For Sample Disposal ✓
Accept Returned Sample ___

Anachem Submission #: 9705-154

008 REV 10/94

Sample information is vital for proper login and reporting. After 65 days, a 3.5% late fee will be assessed for all unpaid submissions.

Chain Of Custody/Order Form

Anachem,Inc. 8 Prestige Circle, Suite 104, Allen,Tx 75002 Phone: 214-727-9003 Fax: 214-727-9686

Report To: Daniele Berardelli	Bill To: Rhino
Company: Rhino	Purchase Order #: 6190597
Address: 5 CR 6065	Address: PO Box 25547
City, State, Zip: Farmington, NM 87401	City, State, Zip: Alb., NM 87125
Phone: (505) 598-4626 Fax: (505) 564-9627	Phone: (505) 242-6464 Fax: (505) 247-4941
Project Name: 6190597	
Project Location: DP619 City,State: Hobbs, NM	
Date Due: Rush: (0%) 50% 100% Sampled By: D. Berardelli + S. Dyer	

Anachem Lab#	Client Sample ID	Matrix	Date/Time	Presrv/Temp	Sample Notes	Analysis: BTEX 8020	TPH 8015 GRO	TPH 8015 DRO	Moisture
1	2A	Soil	5-13/	Methanol/ Ice		X	X	X	X
2	2B	"	5-13/ :15	Ice				X	
3	03		5-13/ 7:45	Methanol/ Ice		X	X	X	X
4	04		5-13/ 7:20	Methanol/ Ice		X	X	X	X
5	05		5-13/ 7:50	Methanol/ Ice		X	X		X
6	06		5-13/ :05	Ice				X	
7	07		5-13/ :25	Ice				X	
8									
9									
10									

Relinquished By	Received By	Date	Time	Delivery	Analyst

In the event that Anachem determines that a sample is hazardous, the client agrees to :
Pay For Sample Disposal ✓
Accept Returned Sample ___

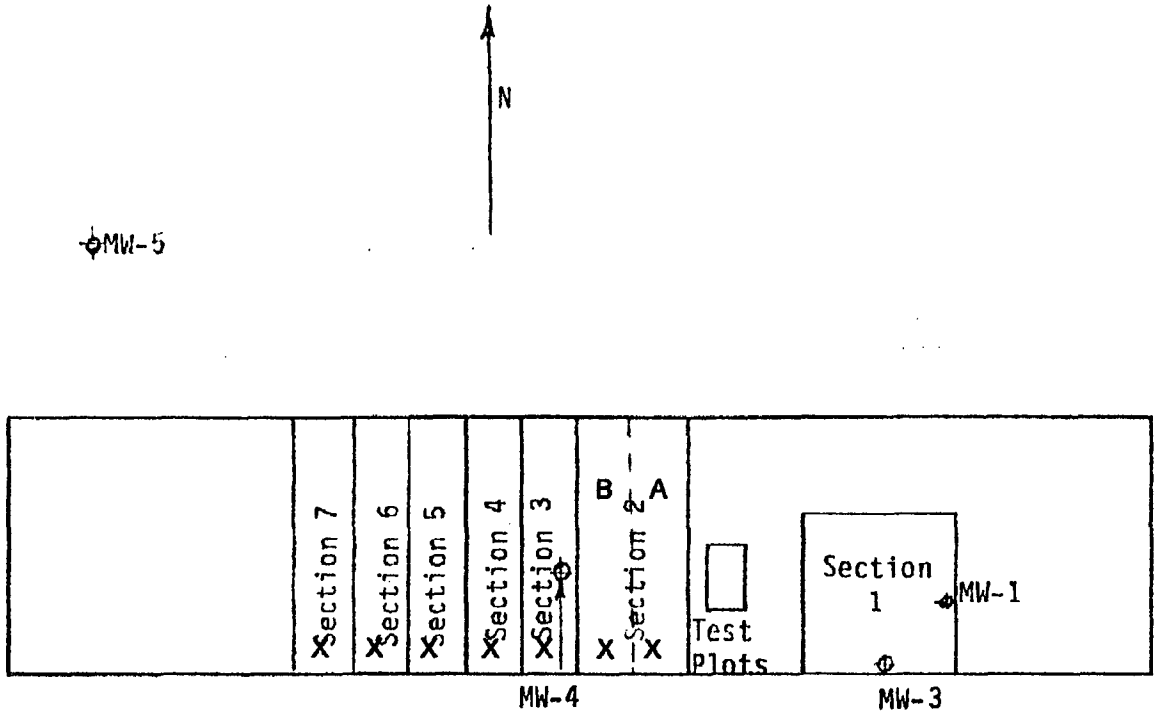
Anachem Submission #:

008 REV 10/94

Sample information is vital for proper login and reporting. After 65 days, a 3.5% late fee will be assessed for all unpaid submissions.

FIGURE 1 - SITE MAP

COMPUTATION SHEET RHINO ENVIRONMENTAL SERVICES ALBUQUERQUE, NEW MEXICO	DATE:	PAGE OF	
	JOB NAME:		
DESCRIPTION:	JOB NO:	BY:	CHK'D:



X Sample Location
Monitor Wells

Figure No. 1	Site Map	Discharge Plan DP-619 Hobbs, NM

RHINO
Environmental Services, Inc.
300 Broadway NE • Albuquerque, New Mexico 87102
(505) 242-6464 • Fax (505) 247-4941

COPY

April 8, 1997

Phyllis Bustamante
Ground Water Section
Environmental Department
1190 St. Francis Drive, PO Box 26110
Santa Fe, NM 87503

Re: Landfarm Facility DP-619:
Quarterly Report - February 28, 1997

Dear Ms. Bustamante:

Recently, Rhino requested that I resume some of my former duties, one of which is to oversee the landfarms. I started out by reviewing the last quarterly reports and found one mistake concerning the soil log for DP-619.

Manifests for soils originating from property owned by Mr. Don Elwell, located at 516 Camino del Pueblo, Bernalillo, New Mexico, were accidently overlooked. From 9-12-96 to 9-14-96, 217.9 cubic yards were accepted into cell 3 of DP-619. Soil originated from an underground storage tank and was analyzed for BTEX and TPH. Results showed concentrations were below detection limits.

This addition changes the total soils accepted for that quarter to 843.65 cubic yards.

Rhino apologizes for any inconvenience this may cause. Please let me know if you have any questions.

Sincerely,

Daniele Berardelli
Landfarm Manager

copy to State of NM

RHINO
Environmental Services, Inc.
300 Broadway NE • Albuquerque, New Mexico 87102
(505) 242-6464 • Fax (505) 247-4941

February 28, 1997

Phyllis Bustamante
Ground Water Section
Environmental Department
1190 St. Francis Drive, PO Box 26110
Santa Fe, NM 87503

Re: Land farm Facility DP-619:
Quarterly Report (January 31, 1997)

Dear Ms. Bustamante:

In accordance with the conditions set forth in the Approved Discharge Plan, DP-619, enclosed please find the February 28, 1997 Quarterly Report for Rhino's Otero Facility in Newman, New Mexico. This report serves to maintain a written record of the amount of contaminated soil and wastewater accepted for treatment.

One native soil sample was retrieved from each treatment area, three feet below the natural soil surface. In addition one sample was retrieved from monitor well #3. Monitor well #3 is the only well on site with water in the well therefore; it is the only well sampled. All samples where then submitted for analysis to Cardinal laboratories in Hobbs NM.

Figure No. 1 is a site map showing the location of the samples. The analytical results are summarized in Table (2). A copy of the analytical report is submitted as Appendix A. The report shows all results to be below detection limits, thereby ensuring that native soils and ground water are clean and no migration has occurred at the site.

In addition field analysis determined that cells 1&5 below regulatory limits. Therefore, pursuant to condition #7 of Specific Requirements of the DP-619 permit, soils were removed from the treatment area & used elsewhere on-site.

Please don't hesitate to call if you have any questions or require additional information.

Sincerely,

Joseph R. Menicucci
Rhino Environmental Services, Inc.

Attachments

DISCHARGE PLAN DP-619
QUARTERLY REPORT
January 31, 1997

Soils accepted November 1, 1996 to January 31, 1997 total of 426.80 cubic yards of soils and gallons were received during this quarter. A list of those are shown in the table below. All soils were disced weekly.

DISCHARGE PLAN DP-619
SOIL AND WATER LOG
QUARTER REPORT: November 1, 1996 THRU January 31, 1996

DATE	VOLUME	SOURCE	TYPE	Section
1-10-97	8CY	Eddins Walcher Co. 5002 SouthEast Drive @50th Lubbock, TX (915) 570-4088	soil w\gas	CELL-3
11-05-96to 11-15-96	398.80CY	KAFB 377 ABW/EMC KAFB NM 87124	soil w\gas and diesel	CELL-3
1-25-97	2CY	CIRCLE-K #210 712 MAIN ST. ARTESIA, NM	SOIL GAS	CELL-3
1-25-97	15CY	BJ SERVICES ARTESIA	soil w/waste oil	CELL-3
1-3-97	3CY	Greentree Country Club 4400 Greentree Blvd. Midland TX 79707	Soil W/Gas	CELL-3

APPENDIX A - ANALYTICAL RESULTS

Quarterly Soil Sampling:

One native soil sample was retrieved from the treatment area 3 feet below the natural soil surface. Figure No. 1 is a Site Map showing the location of the sample. Samples were submitted for analysis by EPA method 418.1 (TPH) and EPA method 8020 (benzene-BTEX). The analytical results are summarized in Table No. 1.

Table No. 1
Summary of Analytical Results from Native Soil Sampling

Sample ID	Benzene mg/kg	TPH mg/kg
Cell 1	<0.002	< 10
Cell 2A	<0.002	< 10
Cell 2B		< 10
Cell 3		< 10
Cell 4	<0.002	< 10
Cell 5	<0.002	< 10
Cell 6		<10
Cell 7		< 11
MW #3	<0.002	

Copies of the analytical reports are shown in Appendix A. The results of the native soil and ground water testing were below detection limits, thereby demonstrating no contaminant migration has occured.

FIGURE 1 - SITE MAP

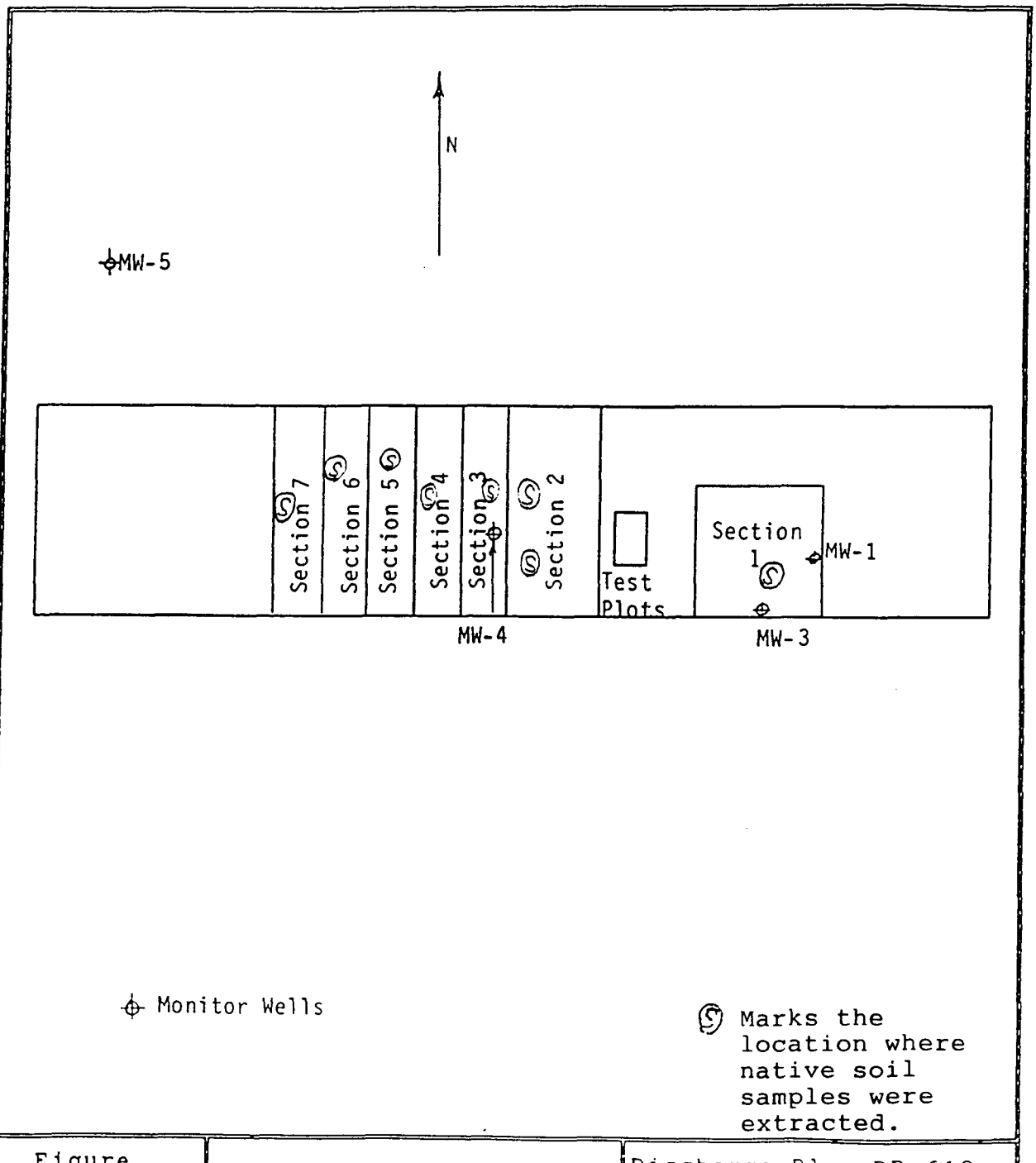


Figure No. 1	Site Map	Discharge Plan DP-619 Hobbs, NM

November 29, 1996

Phyllis Bustamante
Ground Water Section
Environmental Department
1190 St. Francis Drive, PO Box 26110
Santa Fe, NM 87503

Re: Land farm Facility DP-619:
Quarterly Report (November 30, 1996)

Dear Ms. Bustamante:

In accordance with the conditions set forth in the Approved Discharge Plan, DP-619, enclosed please find the November 30, 1996 Quarterly Report for Rhino's Otero Facility in Newman, New Mexico. This report serves to maintain a written record of the amount of contaminated soil and wastewater accepted for treatment and to ensure that no contaminant migration has occurred.

As we discussed, the analytical results of native soil samples will be forthcoming. As soon as the report becomes available, Rhino will immediately send it to your attention.

Please don't hesitate to call if you have any questions or require additional information.

Sincerely,

Daniele Berardelli
Rhino Environmental Services, Inc.

Attachments

DISCHARGE PLAN DP-619
QUARTERLY REPORT
November 30, 1996

Soils accepted August 1, 1996 to October 31, 1996. A total of 625.75 cubic yards of soils and 5,225 gallons were received during this quarter. A list of those are shown in the table below. All soils were disced weekly.

DISCHARGE PLAN DP-619
SOIL AND WATER LOG
QUARTER REPORT: August 1, 1996 THRU October 31, 1996

DATE	VOLUME	SOURCE	TYPE	Section
08-02-96	6cy	National Truck Stop 2400 S. Loop 250 Midland, TX	Diesel & Gas	D6
08-02-96	4cy	Big Johns 8500 W. 16th Odessa, TX	Diesel & Gas	D6
08-02-96	4cy	7-11 #57100 800 Country RD. West Odessa, TX	Gas	G5
8-27-96	5,225 gal	Kirtland AFB Tanks 1,2,123,133,146 - 149 KAFB, NM	Gas & Diesel	North Tank
09-16-96	50 cy	BJ Services Snyder TX.	Waste oil	3
10-07-96 to 10-9-96	353 cy	BJ Services 717 NW Loop 143 Perryton TX. 79070	Waste oil	3
10-08-96 to 10-9-96	94 cy	B.J. Services 717 NW Loop 143 Perryton TX 79070	Diesel & Gas	D6
10-14-96	42.00cy	Leland Schook Andrews Hwy Seminole, TX	Diesel	3
10-14-96	4.00cy	SW Energy Distributors 317 N. Dixie Blvd. Midland TX	Gas	G5
10-14-96	4.00cy	SW Energy Distributors 2210 W. 2nd ST. Odessa, TX	Gas	G5

10-14-96	0.5cy	Eddins Walcher Andrews HWY Seminole TX	Diesel	D6

DISCHARGE PLAN DP-619
SOIL AND WATER LOG
QUARTER REPORT: August 1, 1996 THRU October 31, 1996

DATE	VOLUME	SOURCE	TYPE	Section
10-24 -96 to 10-28-96	67.5cy	KAFB 377 ABW\EMC,2000 Wyoming KAFB, NM	Diesel	3
10-31-96	6 cy	Southwest Convenience, 7-11 3402 University Lubbock, TX	Gas	G5
10-31-96	4.6 cy	United Parcel Service 515 East 44 th St. Lubbock, TX	Diesel & Gas	D6

QUARTERLY SOIL SAMPLING:

One native soil sample was retrieved from the treatment area 3 feet below the natural soil surface. Figure No. 1 is a Site Map showing the location of the sample. Samples were submitted for analysis by EPA method 418.1 for TPH and EPA method 8020 for BTEX. The analytical results are summarized in Table No. 1.

Table No. 1
Summary of Analytical Results from Native Soil Sampling

Sample ID	Benzene mg/kg	TPH mg/kg
S-1		< 20
S-2A	< 0.025	
S-2B		< 20
S-3		< 20
S-4		< 20
S-5	< 0.025	
S-6		< 20
S-7		< 20

Copies of the analytical reports are shown in Appendix A. The results of the native soil testing were all below detection limits showing no contamination of native soils.

RHINO
Environmental Services, Inc.
300 Broadway NE • Albuquerque, New Mexico 87102
(505) 242-6464 • Fax (505) 247-4941

December 17, 1996

Phyllis Bustamante
Ground Water Section
Environmental Department
1190 St. Francis Drive, PO Box 26110
Santa Fe, NM 87503

Re: Land farm Facility DP-619:
Quarterly Report (November 30, 1996)

Dear Ms. Bustamante:

In accordance with the conditions set forth in the Approved Discharge Plan, DP-619, enclosed please find the analytical results of native soil samples collected for the fourth quarter. All results are below detection limits, thereby demonstrating that no vertical migration has occurred.

Please don't hesitate to call if you have any questions or require additional information.

Sincerely,

Daniele Berardelli
Rhino Environmental Services, Inc.

Attachments

Post-it® Fax Note 7671	Date 3-13-98	# of pages ▶ 1
To Daniele Berardelli	From Vickie Maranville	
Co./Dept. Rhino	Co. NMED/GWQB	
Phone # 800-499-8393	Phone # 505 827-0657	
Fax # 505 598-9627	Fax # 505 827-2965	

American Environmental Network, Inc.

AEN I.D. 612310

December 10, 1996

RHINO ENVIRONMENTAL SERVICES
P.O. BOX 25547
ALBUQUERQUE

RECEIVED DEC 13 1996

Project Name DP6191196
Project Number (none)

Attention: DANIELE BERARDELLI

On 12/5/96 American Environmental Network (NM), Inc. (ADHS License No. AZ0015), received a request to analyze **non-aq** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505)344-3777.

Kimberly D. McNeill
Project Manager

H. Mitchell Rubenstein, Ph. D.
General Manager

MR: mt

Enclosure

American Environmental Network, Inc.

CLIENT	: RHINO ENVIRONMENTAL SERVICES	AEN I.D.	: 612310
PROJECT #	: (none)	DATE RECEIVED	: 12/5/96
PROJECT NAME	: DP6191196	REPORT DATE	: 12/10/96

AEN ID. #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	S-1	SOIL	11/29/96
02	S-2A	SOIL	11/29/96
03	S-2B	SOIL	11/29/96
04	S-3	SOIL	11/29/96
05	S-4	SOIL	11/29/96
06	S-5	SOIL	11/29/96
07	S-6	SOIL	11/29/96
08	S-7	SOIL	11/29/96

American Environmental Network, Inc.

GENERAL CHEMISTRY RESULTS
418.1

CLIENT	: RHINO ENVIRONMENTAL SERVICES	AEN I.D.	: 612310
PROJECT #	: (none)	DATE RECEIVED	: 12/5/96
PROJECT NAME	: DP6191196		

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	S-1	NON-AQ	11/29/96	12/9/96	12/9/96	1
03	S-2B	NON-AQ	11/29/96	12/9/96	12/9/96	1
04	S-3	NON-AQ	11/29/96	12/9/96	12/9/96	1

PARAMETER	DET. LIMIT	UNITS	01	03	04
PETROLEUM HYDROCARBONS, IR	20	MG/KG	< 20	< 20	< 20

CHEMIST NOTES:
N/A

American Environmental Network, Inc.

GENERAL CHEMISTRY RESULTS

418.1

CLIENT	: RHINO ENVIRONMENTAL SERVICES	AEN I.D.	: 612310
PROJECT #	: (none)	DATE RECEIVED	: 12/5/96
PROJECT NAME	: DP6191196		

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
05	S-4	NON-AQ	11/29/96	12/9/96	12/9/96	1
07	S-6	NON-AQ	11/29/96	12/9/96	12/9/96	1
08	S-7	NON-AQ	11/29/96	12/9/96	12/9/96	1

PARAMETER	DET. LIMIT	UNITS	05	07	08
PETROLEUM HYDROCARBONS, IR	20	MG/KG	< 20	< 20	< 20

CHEMIST NOTES:
N/A

American Environmental Network, Inc.

GENERAL CHEMISTRY - REAGENT BLANK
418.1

CLIENT	: RHINO ENVIRONMENTAL SERVICES	AEN I.D.	: 612310
PROJECT #	: (none)	SAMPLE MATRIX	: NON-AC
PROJECT NAME	: DP6191196	UNITS	: MG/KG

PARAMETER	AEN I.D.	SAMPLE RESULT
PETROLEUM HYDROCARBONS	120996	<20

CHEMIST NOTES:
N/A

American Environmental Network, Inc.

GENERAL CHEMISTRY - QUALITY CONTROL

418.1

CLIENT	: RHINO ENVIRONMENTAL SERVICES	AEN I.D.	: 612310
PROJECT #	: (none)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: DP6191196	UNITS	: MG/KG

PARAMETER	AEN I.D.	SAMPLE RESULT	DUP. RESULT	% RPD	SPIKED SAMPLE	SPIKE CONC.	% REC
PETROLEUM HYDROCARBONS	612310-01	<20	<20	NA	151	150	101%

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

American Environmental Network, Inc.

GAS CHROMOTOGRAPHY RESULTS

TEST : BTEX, MTBE (EPA 8020) METHANOL PRESERVATION
CLIENT : RHINO ENVIRONMENTAL SERVICES AEN I.D.: 612310
PROJECT # : (none)
PROJECT NAME : DP6191196

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
02	S-2A	NON-AQ	11/29/96	NA	12/5/96	1
06	S-5	NON-AQ	11/29/96	NA	12/5/96	1

PARAMETER	DET. LIMIT	UNITS	02	06
BENZENE	0.025	MG/KG	< 0.025	< 0.025
TOLUENE	0.025	MG/KG	< 0.025	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025	< 0.025
TOTAL XYLENES	0.025	MG/KG	< 0.025	< 0.025
METHYL-t-BUTYL ETHER	0.13	MG/KG	< 0.13	< 0.13
SURROGATE:				
BROMOFLUOROBENZENE (%)			109	105
SURROGATE LIMITS	(80 - 120)			
DRY WEIGHT (%)			96	95

CHEMIST NOTES:
N/A

American Environmental Network, Inc.

GAS CHROMOTOGRAPHY RESULTS
REAGENT BLANK

TEST	: BTEX, MTBE (EPA 8020)	AEN I.D.	: 612310
BLANK I. D.	: 120596	DATE EXRACTED	: NA
CLIENT	: RHINO ENVIRONMENTAL SERVICES	DATE ANALYZED	: 12/5/96
PROJECT #	: (none)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: DP6191196		

PARAMETER	UNITS	
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
TOTAL XYLENES	MG/KG	<0.025
METHYL-t-BUTYL ETHER	MG/KG	<0.13
SURROGATE:		
BROMOFLUOROBENZENE (%)		101
SURROGATE LIMITS:	(80 - 120)	

CHEMIST NOTES:
N/A

American Environmental Network, Inc.

GAS CHROMOTOGRAPHY QUALITY CONTROL
MSMSD

TEST	: BTEX, MTBE (EPA 8020)		
MSMSD #	: 612304-03	AEN I.D.	: 612310
CLIENT	: RHINO ENVIRONMENTAL SERVICES	DATE EXRACTED	: NA
PROJECT #	: (none)	DATE ANALYZED	: 12/5/96
PROJECT NAME	: DP6191196	SAMPLE MATRIX	: FP
		UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.025	0.50	0.55	110	0.56	112	2	(80 - 120)	20
TOLUENE	<0.025	0.50	0.55	110	0.55	110	0	(80 - 120)	20
ETHYLBENZENE	<0.025	0.50	0.54	108	0.54	108	0	(80 - 120)	20
TOTAL XYLENES	<0.025	1.50	1.65	110	1.66	111	1	(80 - 120)	20
METHYL-t-BUTYL ETHER	<0.13	1.00	0.96	96	1.02	102	6	(70 - 133)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

Chain Of Custody/Order Form

Anachem, Inc. 8 Prestige Circle, Suite 104, Allen, Tx 75002 Phone: 214-727-9003 Fax: 214-727-9686

Report To: Daniela Berardelli	Bill To: Rhino
Company: Rhino Env. Svcs.	Purchase Order #: DP-619
Address: P.O. Box 25547	Address: Same
City, State, Zip: Alb., NM 87125	City, State, Zip:
Phone: 242-6464 Fax: 247-4941	Phone: Fax:
Project Name: DP619196	
Project Location: Hobbs City,State: NM	
Date Due: Rush: (0%) 50% 100% Sampled By:	

Analysis: 612310

Anachem Lab#	Client Sample ID	Matrix	Date/Time	Preserv/Temp	Sample Notes Lab ID	8020 BTEX	418.1 TPH	Moisture
1	S-1	Soil	11/25/96/08:40	9°C	-01		X	
2	S-2A	Soil	11/25/96/08:45		-02	X		X
3	S-2B	Soil	11/25/96/09:20		-03		X	
4	S-3	Soil	11/25/96/09:40		-04		X	
5	S-4	Soil	11/25/96/10:10		-05		X	
6	S-5	Soil	11/25/96/10:45		-06	X		X
7	S-6	Soil	11/25/96/11:15		-07		X	
8	S-7	Soil	11/25/96/11:40		-08		X	
9								
10								

Relinquished By	Received By	Date	Time	Delivery	Analyst
[signature]	[signature]	11/26/96	11:30	Hand	

In the event that Anachem determines that a sample is hazardous, the client agrees to :
Pay For Sample Disposal ___
Accept Returned Sample X

Anachem Submission #:

008 REV 10/94

Sample Information is vital for proper login and reporting. After 65 days, a 3.5% late fee will be assessed for all unpaid submissions.

RHINO
Environmental Services, Inc.
300 Broadway NE • Albuquerque, New Mexico 87102
(505) 242-6464 • Fax (505) 247-4941

August 29, 1996

Phyllis Bustamante
Ground Water Section
Environmental Department
1190 St. Francis Drive, PO Box 26110
Santa Fe, NM 87503

Re: Land farm Facility DP-619:
Quarterly Report (August 31, 1996)

Dear Ms. Bustamante:

In accordance with the conditions set forth in the Approved Discharge Plan, DP-619, enclosed please find the August 31, 1996 Quarterly Report for Rhino's Otero Facility in Newman, New Mexico. This report serves to maintain a written record of the amount of contaminated soil and wastewater accepted for treatment and to ensure that no contaminant migration has occurred.

Table one (1) includes all soils and water accepted from May 19, 1996 to July 31, 1996. One native soil sample was retrieved from each treatment area 3 feet below the natural soil surface and one water sample was collected from monitor well-3. The samples were then submitted to American Environmental Network, Inc. for analysis. Figure No. 1 is a site map showing the location of the samples. The analytical results are summarized in Table two (2). A copy of the analytical report is submitted as Appendix A. The report shows all results to be below detection limits, thereby ensuring that native soils and ground water are clean and no migration has occurred at the site.

No report was submitted for May 1996. During this period, Rhino was in the process of moving most of the Hobbs office to our Albuquerque location. Rhino became somewhat disorganized during the confusion and we apologize for this mistake. Samples were collected June 11, 1996. I am submitting a soil/water log from February to July 31, 1996. Rhino hopes this report may be accepted as fulfilling requirements up to date.

Please don't hesitate to call if you have any questions or require additional information.

Sincerely,

Daniele Berardelli
Rhino Environmental Services, Inc.

Attachments

TABLE 1 - SOIL AND WATER LOG

DISCHARGE PLAN DP-619
QUARTERLY REPORT
August 31, 1996

1) Soils accepted February 1, 1996 to July 31, 1996

A total of 1,337.97 cubic yards of soils were received during this quarter. A list of those soils are shown in the table below. All soils were disked weekly.

DISCHARGE PLAN DP-619
SOIL AND WATER LOG
QUARTER REPORT: February 1, 1996 THRU July 31, 1996

DATE	VOLUME	SOURCE	TYPE	Section
2-27-96	22.3 tons	Wichita Coca-Cola Bottling 1512 Lamar Wichita Falls, TX	Diesel	D-6
3-27-96 3-28-96	12 cy 12 cy	Ryder Truck Rental 2225 First St NW Alb., NM	Gas	G-5
3-28-96	75 cy	Circle K #279 Aragon & Main Belen, NM	Gas	G-5
4-16-96	0.67 cy	City of Alb., Leavitt Res. #2 90th & San Ignacio Alb., NM	Gas	G-5
4-30-96	6 cy	Griffin Oil Co., Orlando's Texaco, 322 1st Street Brownfield, TX	Diesel	D-6
5-28-96	22 cy	Pueblo Office of Env. Protect. San Felipe Pueblo NM	Waste Oil	U-7
3-10-96 to 5-10-96	1040.76 tons	Chevron # 75953 9663 Montgomery Alb., NM	Gas	G-5
6-3-96	140 cy	SW Convenience, 7 Eleven 800 S. Gregg Big Spring, TX	Gas	G-5
6-24-96 to 6-27-96	224 cy	BJ Services 702 S. 14th Street Brownfield, TX	Diesel	D-6
7-11-96	0.5 cy	SW Convenience, 7 Eleven # 20934, 300 Owen Big Springs, TX	Gas	G-5
7-19-96	14 cy	SW Convenience, 7 Eleven #12388, 2104 4th Street Lubbock, TX	Gas	G-5

DISCHARGE PLAN DP-619 SOIL AND WATER LOG QUARTER REPORT: February 1, 1996 THRU July 31, 1996				
7-29-96	1 cy	SW, 7 Eleven # 29467 Odessa, TX	Gas	G-5
7-29-96	1 cy	SW, 7 Eleven # 29466, 600 S. Grandview Odessa, TX	Gas	G-5
7-29-96	1.5 cy	SW, 7 Eleven #25043 2626 Grandview Odessa, TX	Gas	G-5
7-29-96	5.5 cy	SW, 7 Eleven #29479 2712 E. 8th Odessa, TX	Gas	G-5
7-29-96	5 cy	SW, 7 Eleven #29457 4325 Andrews Hwy. Midland, TX	Gas	G-5

APPENDIX A - ANALYTICAL RESULTS

SEMI-ANNUAL MONITOR WELL TESTING:

All monitor wells were checked for water on 6-11-96. Monitor well MW-3 contained water. Figure No. 1 is a Site Map showing the locations of the well. The well was sampled and tested for BTEX. The results are summarized in Table No. 1. A copy of the analytical reports are shown in Appendix A.

Table No. 1
Summary of Analytical Results

Sample ID	Benzene ug/l	Toluene ug/l	Ethyl-Benzene ug/l	Total Xylene ug/l	MTBE ug/l
MW-3	<0.5	<0.5	<0.5	<0.5	<2.5

QUARTERLY SOIL SAMPLING:

One native soil sample was retrieved from the treatment area 3 feet below the natural soil surface. Figure No. 1 is a Site Map showing the location of the sample. One sample was submitted for analysis by modified EPA 8015 gasoline range and diesel range and EPA 8020 benzene. The analytical results are summarized in Table No. 1.

Table No. 1
Summary of Analytical Results from Native Soil Sampling

Sample ID	Benzene mg/kg	TPH mg/kg
S-1		< 20
S-2A	< 0.025	
S-2B		< 20
S-3		< 20
S-4		< 20
S-5	< 0.025	
S-6		< 20
S-7		< 20

Copies of the analytical reports are shown in Appendix A. The results of the native soil testing were all below detection limits showing no contamination of native soils.

American Environmental Network, Inc.

AEN I.D. **606317**

June 13, 1996

Rhino Environmental
P.O. Box 2327
Hobbs, NM 88240

Project Name/Number: DP-619 (NONE)

Attention: Royce Cooper

On **06/12/96**, American Environmental Network (NM), Inc., (ADHS License No. AZ0015) received a request to analyze **non-aqueous and aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

Kimberly D. McNeill
Project Manager

H. Mitchell Rubenstein, Ph.D.
General Manager

MR:ft

Enclosure

American Environmental Network, Inc.

CLIENT : RHINO ENVIRONMENTAL
PROJECT # : (NONE)
PROJECT NAME : DP-619

DATE RECEIVED : 06/12/96
REPORT DATE : 06/13/96

AEN ID: 606317

AEN #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	S-1	NON-AQ	06/10/96
02	S-2A	NON-AQ	06/10/96
03	S-2B	NON-AQ	06/10/96
04	S-3	NON-AQ	06/10/96
05	S-4	NON-AQ	06/10/96
06	S-5	NON-AQ	06/10/96
07	S-6	NON-AQ	06/10/96
08	S-7	NON-AQ	06/10/96
09	MW-3	AQUEOUS	06/10/96

---TOTALS---

MATRIX	#SAMPLES
NON-AQ	8
AQUEOUS	1

AEN STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

GAS CHROMATOGRAPHY RESULTS

TEST : BTEX, MTBE (EPA 8020)

CLIENT : RHINO ENVIRONMENTAL AEN I.D.: 606317

PROJECT # : (NONE)

PROJECT NAME : DP-619

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
09	MW-3	AQUEOUS	06/10/96	NA	06/12/96	1

PARAMETER	UNITS	09
BENZENE	UG/L	<0.5
TOLUENE	UG/L	<0.5
ETHYLBENZENE	UG/L	<0.5
TOTAL XYLENES	UG/L	<0.5
METHYL-t-BUTYL ETHER	UG/L	<2.5

SURROGATE:

BROMOFLUOROBENZENE (%) 104

American Environmental

GAS CHROMATOGRAPHY RESULTS

REAGENT BLANK

TEST	: BTEX, MTBE (EPA 8020)	AEN I.D.	: 606317
BLANK I.D.	: 061296	MATRIX	: AQUEOUS
CLIENT	: RHINO ENVIRONMENTAL	DATE EXTRACTED	: NA
PROJECT #	: (NONE)	DATE ANALYZED	: 06/12/96
PROJECT NAME	: DP-619	DILUTION FACTOR	: 1

PARAMETER	UNITS	
BENZENE	UG/L	<0.5
TOLUENE	UG/L	<0.5
ETHYLBENZENE	UG/L	<0.5
TOTAL XYLENES	UG/L	<0.5
METHYL-t-BUTYL ETHER	UG/L	<2.5
SURROGATE:		
BROMOFLUOROBENZENE (%)		111

American Environmental Network, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

MSMSD

TEST	: BTEX, MTBE (EPA 8020)		
MSMSD #	: 60631709	AEN I.D.	: 606317
CLIENT	: RHINO ENVIRONMENTAL	DATE EXTRACTED	: NA
PROJECT #	: (NONE)	DATE ANALYZED	: 06/12/96
PROJECT NAME	: DP-619	SAMPLE MATRIX	: AQUEOUS
REF. I.D.	: 60631709	UNITS	: UG/L

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD
BENZENE	<0.5	10.0	10.2	102	10.3	103	1
TOLUENE	<0.5	10.0	10.2	102	10.1	101	1
ETHYLBENZENE	<0.5	10.0	10.1	101	10.1	101	0
TOTAL XYLENES	<0.5	30.0	31.0	103	30.6	102	1
METHYL-t-BUTYL ETHER	<2.5	20.0	22.0	110	22.2	111	1

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

GAS CHROMATOGRAPHY RESULTS

TEST : BTEX, MTBE (EPA 8020)

CLIENT : RHINO ENVIRONMENTAL AEN I.D.: 606317

PROJECT # : (NONE)

PROJECT NAME : DP-619

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
02	S-2A	NON-AQ	06/10/96	06/12/96	06/12/96	1
06	S-5	NON-AQ	06/10/96	06/12/96	06/12/96	1

PARAMETER	UNITS	02	06
BENZENE	MG/KG	<0.025	<0.025
TOLUENE	MG/KG	<0.025	<0.025
ETHYLBENZENE	MG/KG	<0.025	<0.025
TOTAL XYLENES	MG/KG	<0.025	<0.025
METHYL-t-BUTYL ETHER	MG/KG	<0.13	<0.13
SURROGATE:			
BROMOFLUOROBENZENE (%)		100	99

GAS CHROMATOGRAPHY RESULTS

REAGENT BLANK

TEST	: BTEX, MTBE (EPA 8020)	AEN I.D.	: 606317
BLANK I.D.	: 061296	MATRIX	: NON-AQ
CLIENT	: RHINO ENVIRONMENTAL	DATE EXTRACTED	: 06/12/96
PROJECT #	: (NONE)	DATE ANALYZED	: 06/12/96
PROJECT NAME	: DP-619	DILUTION FACTOR	: 1

PARAMETER	UNITS	
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
TOTAL XYLENES	MG/KG	<0.025
METHYL-t-BUTYL ETHER	MG/KG	<0.13
SURROGATE:		
BROMOFLUOROBENZENE (%)		100

GAS CHROMATOGRAPHY - QUALITY CONTROL

MSMSD

TEST	: BTEX, MTBE (EPA 8020)		
MSMSD #	: 60631706	AEN I.D.	: 606317
CLIENT	: RHINO ENVIRONMENTAL	DATE EXTRACTED	: 06/12/96
PROJECT #	: (NONE)	DATE ANALYZED	: 06/12/96
PROJECT NAME	: DP-619	SAMPLE MATRIX	: NON-AQ
REF. I.D.	: 60631706	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD
BENZENE	<0.025	1.00	0.95	95	0.95	95	0
TOLUENE	<0.025	1.00	0.95	95	0.95	95	0
ETHYLBENZENE	<0.025	1.00	0.97	97	0.97	97	0
TOTAL XYLENES	<0.025	3.00	2.91	97	2.91	97	0
METHYL-t-BUTYL ETHER	<0.13	2.00	2.05	103	2.03	102	1

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

American Environmental

GENERAL CHEMISTRY RESULTS

CLIENT	: RHINO ENVIRONMENTAL	AEN I.D.	: 606317
PROJECT #	: (NONE)	DATE RECEIVED	: 06/12/96
PROJECT NAME	: DP-619	DATE ANALYZED	: 06/12/96
		SAMPLE MATRIX	: NON-AQ

PARAMETER	UNITS	01	03	04	05
PETROLEUM HYDROCARBONS, IR	MG/KG	<20	<20	<20	<20

American Environmental Network, Inc.

GENERAL CHEMISTRY RESULTS

CLIENT	: RHINO ENVIRONMENTAL	AEN I.D.	: 606317
PROJECT #	: (NONE)	DATE RECEIVED	: 06/12/96
PROJECT NAME	: DP-619	DATE ANALYZED	: 06/12/96
		SAMPLE MATRIX	: NON-AQ

PARAMETER	UNITS	07	08
PETROLEUM HYDROCARBONS, IR	MG/KG	<20	<20

GENERAL CHEMISTRY - REAGENT BLANK

CLIENT	: RHINO ENVIRONMENTAL	AEN I.D.	: 606317
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: DP-619	UNITS	: MG/KG

PARAMETER	AEN I.D.	SAMPLE RESULT
PETROLEUM HYDROCARBONS	061296	<20

American Environmental Network, Inc.

GENERAL CHEMISTRY - QUALITY CONTROL

CLIENT	: RHINO ENVIRONMENTAL	AEN I.D.	: 606317
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: DP-619	UNITS	: MG/KG

PARAMETER	AEN I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC.	% REC
PETROLEUM HYDROCARBONS	60631708	<20	<20	NA	162	150	108

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

American Environmental Network (NM), Inc.

Albuquerque • Phoenix • Pensacola • Portland • Pleasant Hills • Columbia

CHAIN OF CUSTODY

DATE: 6/11/96 PAGE: 1 OF 1

AEN LAB I.D. 606317

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

PROJECT MANAGER:	Royce Cooper
COMPANY:	Rhino Environmental
ADDRESS:	PO Box 2327
	Hobbs NM 88240
PHONE:	505-392-4495
FAX:	505-392-4498
BILL TO:	Same
COMPANY:	
ADDRESS:	

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB I.D.	Petroleum Hydrocarbons (418.1) TRPH	(MOD.8015) Diesel/Direct/Inject	(M8015) Gas/Purge & Trap	Gasoline/BTEX & MTBE (M8015/8020)	BTXE & MTBE (8020)	BTEX & Chlorinated Aromatics (602/8020)	BTEX/MTBE/EDC & EDB (8020/8010/Short)	Chlorinated Hydrocarbons (601/8010)	504 EDB☐ / DBCP☐	Polynuclear Aromatics (610/8310)	Volatile Organics (624/8240) GC/MS	Volatile Organics (8260) GC/MS	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral/Acid Compounds GC/MS (625/8270)	General Chemistry:	Priority Pollutant Metals (13)	Target Analyte List Metals (23)	RCRA Metals (8)	RCRA Metals by TCLP (Method 1311)	Metals:	NUMBER OF CONTAINERS
S-1	6/10/96	08:30	Soil	-01	X				X																	1
S-2A	6/10/96	09:20	Soil	-02					X																	1
S-2B	6/10/96	10:10	Soil	-03	X																					1
S-3	6/10/96	11:05	Soil	-04	X																					1
S-4	6/10/96	13:25	Soil	-05	X																					1
S-5	6/10/96	14:15	Soil	-06					X																	1
S-6	6/10/96	15:22	Soil	-07	X																					1
S-7	6/10/96	16:10	Soil	-08	X																					1
MW-3	6/10/96	16:45	Water	-09					X																	3

PROJECT INFORMATION	
PROJ. NO.:	
PROJ. NAME:	DP-619
P.O. NO.:	
SHIPPED VIA:	UPS

SAMPLE RECEIPT	
NO. CONTAINERS	11
CUSTODY SEALS	Y / N / NA
RECEIVED INTACT	Y
BLUE ICE/ICE	Y

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) [ ]24hr [ ]48hr [ ]72hr [ ]1 WEEK (NORMAL) [X]

CERTIFICATION REQUIRED: [ ]NM [ ]SDWA [ ]OTHER

METHANOL PRESERVATION [ ]

COMMENTS: FIXED FEE [ ]

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.
Signature:	Signature: Time: 17:50
Printed Name:	Printed Name: Date:
Company:	Company:
Royce Cooper 6/11/96	
Rhino	

RECEIVED BY: 1.	RECEIVED BY: (LAB) 2.
Signature: Time:	Signature: Time: 10:30
Printed Name: Date:	Printed Name: Date:
Company:	Dan Johnson 6-12-96
	American Enviromental Network (NM), Inc.

DISTRIBUTION: White, Canary - AEN Pink - ORIGINATOR

FIGURE 1 - SITE MAP

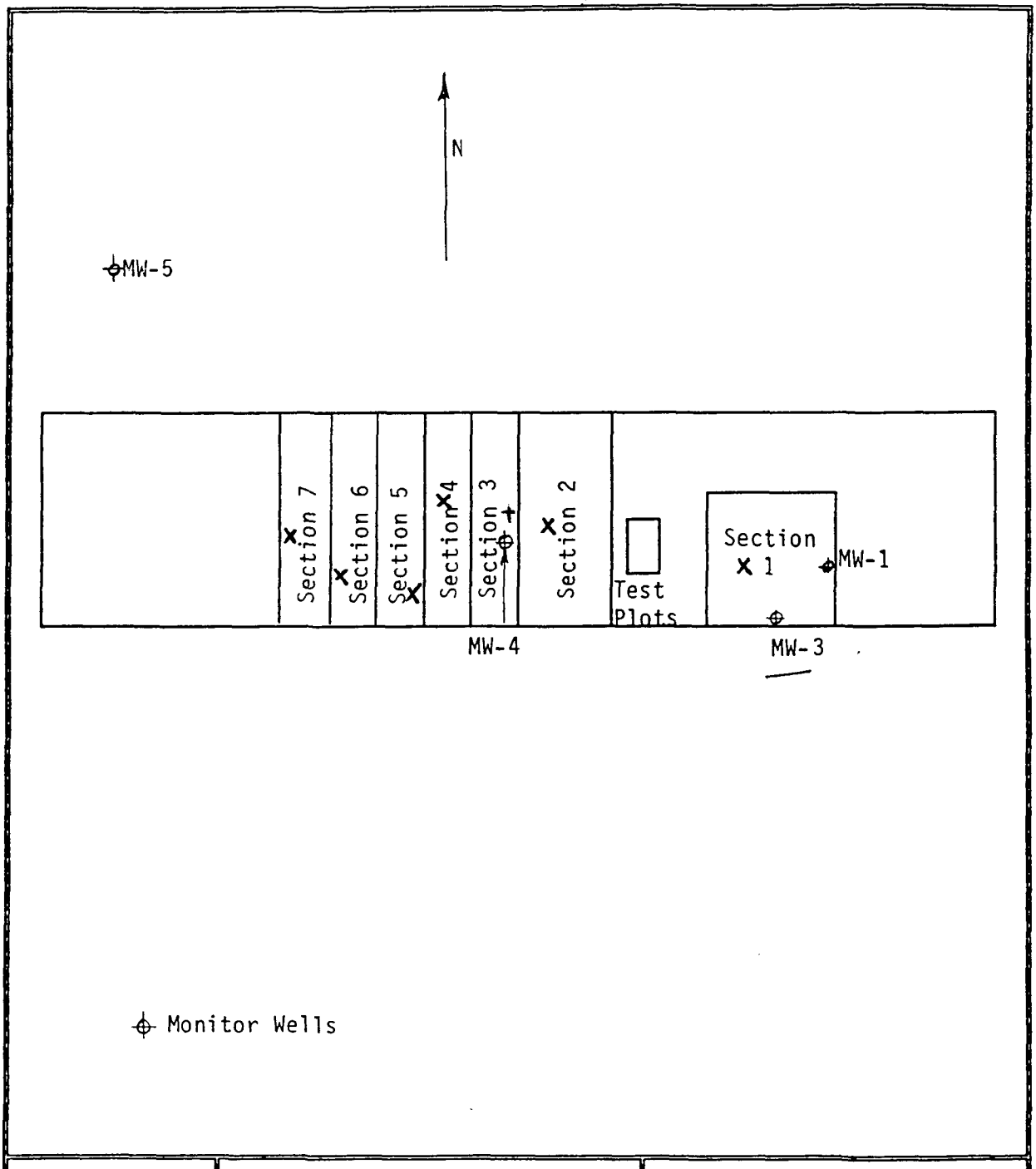


Figure No. 1	Site Map	Discharge Plan DP-619 Hobbs, NM

RHINO
Environmental Services, Inc.
P.O. BOX 2327 • HOBBS, NM 88241 • PHONE & FAX (505) 392-4498

Tightness Tests
Removals
New Installations
Repairs
Remedial Services
Contaminated Soils Disposal
Leak Detection

April 10, 1996

Phyllis Ann Bustamante
Ground Water Section
Environmental Department
1190 St. Francis Drive, PO Box 26110
Santa Fe, NM 87502

Re: Landfarm Facility DP-619:
Quarterly Report (February 28, 1996)

Dear Phyllis,

Enclosed please find the February 28, 1996 Quarterly Report for Rhino's Discharge Plan DP-619. Table No. 1 includes all soils and water accepted during the period November 1, 1995 through January 31, 1996. As per our telephone conversation, the native soil samples have not been taken for this quarter due to a misunderstanding on my part that we would be able to perform this testing on a bi-annual basis. I will do this testing next week and forward you the results.

I am sorry for mixup and the delay in getting this report to you. If you have any questions, please call me.

Sincerely,

Royce Cooper, Jr.

DISCHARGE PLAN DP-619
QUARTERLY REPORT
February 28, 1996

TABLE NO. 1
SOIL AND WATER LOG
DISCHARGE PLAN DP-619
NOVEMBER 1, 1995 THROUGH JANUARY 31, 1996

DATE	VOL.	SOURCE	TYPE	Section
112295	16 drum soil; 1 drum water	NMSHTD Yard State Hwy 21 Springer, NM	Diesel	D-6
112995	2 drums water	Brewer Oil 3rd and Haines Alb., NM	Gas	1-AST
112895	3 drums water	Mikes Plateau 3514 S. Coors Alb., NM	Gas	1-AST
112995	3 drums soil	Circle K #615 4001 4th Street Alb., NM	Gas	G-5
121995	20 yds	7-Eleven Store Midland, Texas	Gas	G-5
122795	19 drums soil	Diamond Shamrock 12605 Central Alb., NM	Gas	G-5
122795	4 drums soil	Silverado Apts. 5741 Osuna Alb., NM	Gas	G-5
122895	217 tons	Diamond Shamrock 1221 2550 Central Alb., NM	Gas	G-5
010496	2 drums water	CDM 4th & Menaul Alb., NM	Gas	1-AST
010496	2 drums water	CDM 3rd & Haines Alb., NM	Gas	1-AST

010996	2 drums water	Chevron Asphalt 2040 2nd Alb., NM	Gas	1-AST
011096	2 drums water	Chevron 75660 1126 Menaul Alb., NM	Gas	1-AST
011596	1 drum soil	Circle K 616 8398 Doniphan El Paso, Tx	Gas	G-5
011896	7 drums soil	One Executive Center 6500 Menaul Alb., NM	Diesel	D-6
011896	9 drums soil	Truck Stop of Amer. I-40 & US 69 Santa Rosa, NM	Diesel	D-6
011896	10 drums water	Highway 70 Truckstop Highway 70 Tucumcari, NM	Gas	1-AST
012696	13 drums water	Dames & Moore 3909 12th Alb., NM	Gas	1-AST
012396	3 drums water	Diamond Shamrock 1232 6724 2nd Alb., NM	Gas	1-AST
012396	3 yds	7-Eleven 416 5724 4th Lubbock, Tx	Gas	G-5
012396	1 drums water	Diamond Shamrock 9400 Menaul Alb., NM	Gas	1-AST
012696	3 drums soil	Gonzales #3 Coors & Redland Alb., NM	Gas	G-5
012696	11 drums soil	Gram, Inc. 400 N. Main Belen, NM	Gas	G-5
013196	1 drum water	Diamond Shamrock 454 803 S. Crane Odessa, Tx	Gas	1-AST
012496	1 drum water	Chevron Bulk 318 Railroad Track Bernalillo, NM	Gas	1-AST

012496	3 drums water	Chevron 75729 502 Old Santa Fe Tr. Santa Fe, NM	Gas	1-AST
012596	13 drum soil	Phillips 66 Alb., NM	Gas	G-5

RHINO
Environmental Services, Inc.
P.O. BOX 2327 • HOBBS, NM 88241 • PHONE & FAX (505) 392-4498

May 2, 1996

Phyllis Ann Bustamante
Ground Water Section
Environmental Department
1190 St. Francis Drive, PO Box 26110
Santa Fe, NM 87502

Re: Landfarm Facility DP-619:
Quarterly Report (February 28, 1996)

Dear Phyllis,

On 04/23/96 the native soil testing was performed at DP-619. This testing is part of our February 28, 1996 Quarterly Report. One sample three feet below the native soil surface was retrieved from each of our 8 treatment zones. Samples S-1, S-2B, S-3, S-4, S-6 and S-7 were analyzed for TPH be EPA Method 418.1. These treatment cells treat diesel or used oil contaminated soils. Samples S-2A and S-5 were analyzed for BTEX by EPA Method 8020 since gasoline contaminated soils were treated in cells 2-A and 5. All samples came back with nondetectable limits. Figure No. 1 is a Site Map showing the location of the samples. A copy of the analytical report is attached.

If you have any questions, please call me.

Royce Cooper, Jr.

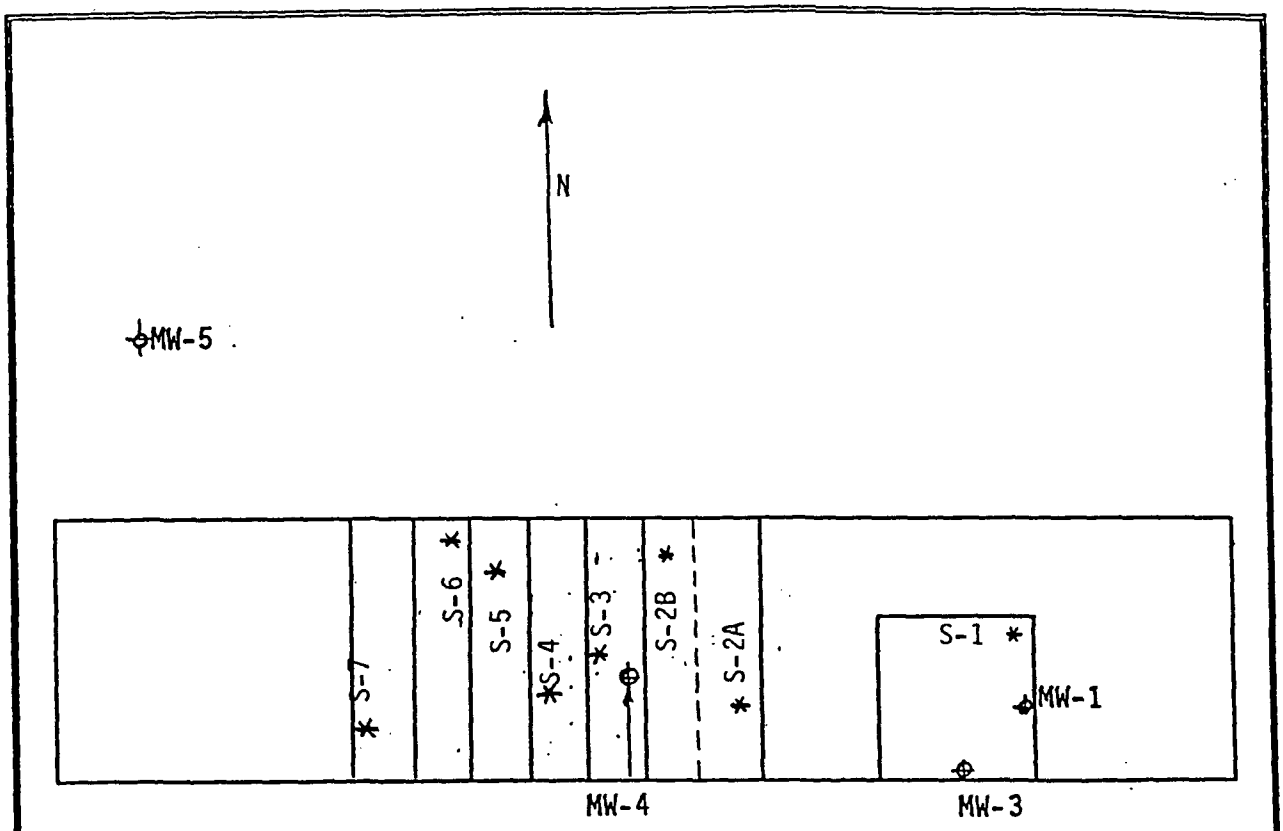


Figure No. 1	Site Map	Discharge Plan DP-619 Hobbs, NM

American Environmental Network, Inc.

AEN I.D. **604397**

April 26, 1996

Rhino Environmental
P.O. Box 2327
Hobbs, NM 88240

Project Name/Number: DP-619

Attention: Royce Cooper

On **04/24/96**, American Environmental Network (NM), Inc., (ADHS License No. AZ0015) (formerly ATI-NM), received a request to analyze **non-aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

K D McNeill

Kimberly D. McNeill
Project Manager

H Mitchell Rubenstein

H. Mitchell Rubenstein, Ph.D.
Laboratory Manager

MR:jt

Enclosure

2709-D Pan American Freeway, NE • Albuquerque, NM 87107 • (505) 344-3777 • Fax (602) 344-4413

American Environmental Network, Inc.

CLIENT	: RHINO ENVIRONMENTAL	DATE RECEIVED	: 04/24/96
PROJECT #	: (NONE)		
PROJECT NAME	: DP-619	REPORT DATE	: 04/26/96

AEN ID: 604397

AEN #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	S-1	NON-AQ	04/23/96
02	S-2A	NON-AQ	04/23/96
03	S-2B	NON-AQ	04/23/96
04	S-3	NON-AQ	04/23/96
05	S-4	NON-AQ	04/23/96
06	S-5	NON-AQ	04/23/96
07	S-6	NON-AQ	04/23/96
08	S-7	NON-AQ	04/23/96

---TOTALS---

MATRIX	#SAMPLES
NON-AQ	8

AEN STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

American Environmental Network, Inc.

GENERAL CHEMISTRY RESULTS

CLIENT	: RHINO ENVIRONMENTAL	AEN I.D.	: 604397
PROJECT #	: (NONE)	DATE RECEIVED	: 04/24/96
PROJECT NAME	: DP-619	DATE ANALYZED	: 04/24/96
		SAMPLE MATRIX	: NON-AQ

PARAMETER	UNITS	01	03	04	05
PETROLEUM HYDROCARBONS, IR	MG/KG	<20	<20	<20	<20

American Environmental Network, Inc.

GENERAL CHEMISTRY RESULTS

CLIENT	: RHINO ENVIRONMENTAL	AEN I.D.	: 604397
PROJECT #	: (NONE)	DATE RECEIVED	: 04/24/96
PROJECT NAME	: DP-619	DATE ANALYZED	: 04/24/96
		SAMPLE MATRIX	: NON-AQ

PARAMETER	UNITS	07	08
PETROLEUM HYDROCARBONS, IR	MG/KG	<20	<20

American Environmental Network, Inc.

GENERAL CHEMISTRY - REAGENT BLANK

CLIENT	: RHINO ENVIRONMENTAL	AEN I.D.	: 604397
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: DP-619	UNITS	: MG/KG

PARAMETER	AEN I.D.	SAMPLE RESULT
PETROLEUM HYDROCARBONS	042496	<20

American Environmental Network, Inc.

GENERAL CHEMISTRY - QUALITY CONTROL

CLIENT	: RHINO ENVIRONMENTAL	AEN I.D.	: 604397
PROJECT #	: (NONE)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: DP-619	UNITS	: MG/KG

PARAMETER	AEN I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE	SPIKE CONC.	% REC
PETROLEUM HYDROCARBONS	042496	<20	<20	NA	170	150	113

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

American Environmental Network, Inc.

GAS CHROMATOGRAPHY RESULTS

TEST : BTEX, MTBE (EPA 8020)
CLIENT : RHINO ENVIRONMENTAL AEN I.D.: 604397
PROJECT # : (NONE)
PROJECT NAME : DP-619

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
02	S-2A	NON-AQ	04/23/96	04/25/96	04/25/96	1
06	S-5	NON-AQ	04/23/96	04/25/96	04/25/96	1

PARAMETER	UNITS	02	06
BENZENE	MG/KG	<0.025	<0.025
TOLUENE	MG/KG	<0.025	<0.025
ETHYLBENZENE	MG/KG	<0.025	<0.025
TOTAL XYLENES	MG/KG	<0.025	<0.025
METHYL-t-BUTYL ETHER	MG/KG	<0.13	<0.13
SURROGATE:			
BROMOFLUOROBENZENE (%)		92	89

American Environmental Network, Inc.

GAS CHROMATOGRAPHY RESULTS

REAGENT BLANK

TEST	: BTEX, MTBE (EPA 8020)	AEN I.D.	: 604397
BLANK I.D.	: 042596	MATRIX	: NON-AQ
CLIENT	: RHINO ENVIRONMENTAL	DATE EXTRACTED	: 04/25/96
PROJECT #	: (NONE)	DATE ANALYZED	: 04/25/96
PROJECT NAME	: DP-619	DILUTION FACTOR	: 1

PARAMETER	UNITS	
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
TOTAL XYLENES	MG/KG	<0.025
METHYL-t-BUTYL ETHER	MG/KG	<0.13

SURROGATE:

BROMOFLUOROBENZENE (%) 92

American Environmental Network, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

MSMSD

TEST	: BTEX, MTBE (EPA 8020)		
MSMSD #	: 60439706	AEN I.D.	: 604397
CLIENT	: RHINO ENVIRONMENTAL	DATE EXTRACTED	: 04/25/96
PROJECT #	: (NONE)	DATE ANALYZED	: 04/25/96
PROJECT NAME	: DP-619	SAMPLE MATRIX	: NON-AQ
REF. I.D.	: 60439706	UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD
BENZENE	<0.025	1.00	0.86	86	0.92	92	7
TOLUENE	<0.025	1.00	0.86	86	0.91	91	6
ETHYLBENZENE	<0.025	1.00	0.87	87	0.93	93	7
TOTAL XYLENES	<0.025	3.00	2.59	86	2.79	93	7
METHYL-t-BUTYL ETHER	<0.13	2.00	1.78	89	1.89	95	6

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

AnalyticalTechnologies, Inc., Albuquerque, NM
San Diego • Phoenix • Seattle • Pensacola • Ft. Collins • Portland • Albuquerque

CHAIN OF CUSTODY

DATE: 4/23/96 PAGE 1 OF 1

ATI LAB I.D. 602397

PLEASE FILL THIS FORM IN COMPLETELY. SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: Royce Cooper

COMPANY: Rhino
ADDRESS: PO Box 2327
Hobbs, NM 88240
PHONE: 505-392-4488
FAX: Same

BILL TO: Same
COMPANY:
ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1)	(MOD 8015) Gas/Diesel	Diesel/Gasoline/BTXE/MTBE (MOD 8015/8020)	BTXE/MTBE (8020)	Chlorinated Hydrocarbons (601/8010)	Aromatic Hydrocarbons (602/8020)	SDWA Volatiles (502.1/503.1), 502.2 Reg. & Unreg.	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	SDWA Primary Standards - Arizona	SDWA Secondary Standards - Arizona	SDWA Primary Standards - Federal	SDWA Secondary Standards - Federal	The 13 Priority Pollutant Metals	RCRA Metals by Total Digestion	RCRA Metals by TCLP (1311)	NUMBER OF CONTAINERS
S-1	4/23/96	08:14	Soil	-01	X																			1
S-2A	4/23/96	08:42	Soil	-02				X																1
S-2B	4/23/96	09:12	Soil	-03	X																			1
S-3	4/23/96	09:41	Soil	-04	X																			1
S-4	4/23/96	10:17	Soil	-05	X																			1
S-5	4/23/96	10:38	Soil	-06				X																1
S-6	4/23/96	11:14	Soil	-07	X																			1
S-7	4/23/96	11:52	Soil	-08	X																			1

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJ. NO.:		NO. CONTAINERS	8
PROJ. NAME:	DP-619	CUSTODY SEALS	(Y) N / NA
P.O. NO.:		RECEIVED INTACT	Y
SHIPPED VIA:	UPS	RECEIVED COLD	Y

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☒ 2 WEEK

Comments:

SAMPLED & RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: Time: 16:30	Signature: Time:	Signature: Time:
Printed Name: Royce Cooper Date: 4/23/96	Printed Name: Date:	Printed Name: Date:
Company: Rhino Phone: 392-4488	Company:	Company:

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: (LAB) 3.
Signature: Time:	Signature: Time:	Signature: Time: 1200
Printed Name: Date:	Printed Name: Date:	Printed Name: John Caldwell Date: 4/24/96
Company:	Company:	Analytical Technologies, Inc.

ATI Labs: San Diego (619) 458-9141 • Phoenix (602) 496-4400 • Seattle (206) 228-8335 • Pensacola (904) 474-1001 • Portland (503) 684-0447 • Albuquerque (505) 344-3777 DISTRIBUTION: White, Canary - ATI • Pink - ORIGINATOR

APPENDIX D - WELL LOCATION MAP AND WELL DIAGRAMS

MONITOR WELL NO. MW - 3			MONITOR WELL DETAILS
DEPTH FT	MATERIAL DESCRIPTION	DEPTH FT	LOCKING PLUG MW COVER
5	0 - 2 feet: Top Soil 2 - 22 feet: Caliche	5	
10		10	
15		15	
20		20	Grout
25	22 - 32 feet: Red Clay and Rock	25	
30		30	
35	32 - 55 feet: Sand	35	Benton-ite
40		40	
45		45	
50		50	Sand Screen
55	55 - 57 feet: Sandy Clay	55	
60	57 - 120 feet: Red Bed	60	

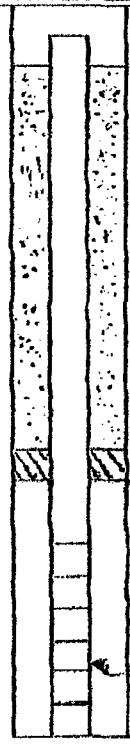


Figure No. 1	Monitor Well Log	Discharge Plan DP-619 8 Miles South of Hobbs Hobbs, NM

Elevation - 3575'
Screen Depth - 58'

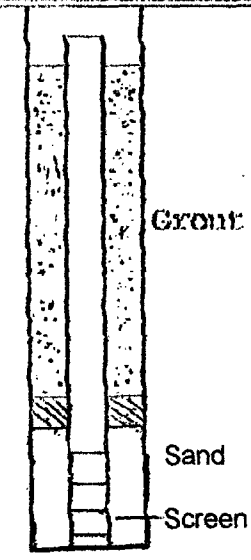
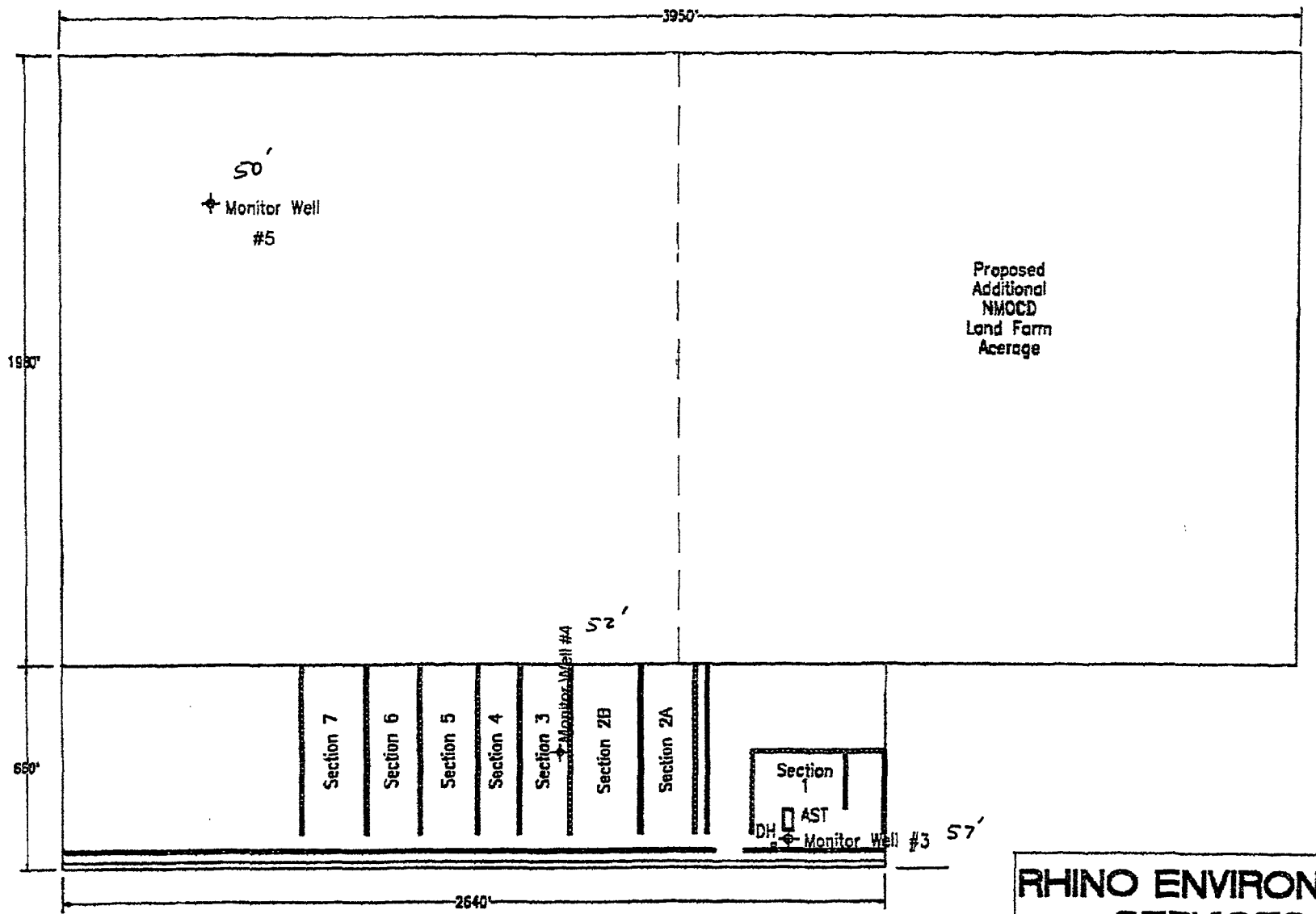
MONITOR WELL NO. MW - 4			MONITOR WELL DETAILS
DEPTH FT	MATERIAL DESCRIPTION	DEPTH FT	LOCKING PLUG MW COVER
5	0 - 2 feet: Top Soil 2 - 22 feet: Caliche	5	
10		10	
15		15	
20		20	
25	22 - 32 feet: Red Clay and Rock	25	
30		30	
35	32 - 50 feet: Sand	35	
40		40	
45		45	
50	50 - 52 feet: Sandy Clay 52 - 120 feet: Red Bed	50	
55		55	
60		60	

Figure No. 1	Monitor Well Log	Discharge Plan DP-619 8 Miles South of Hobbs Hobbs, NM

Elevation - 3590'
Screen Depth - 43'



AST = Aboveground Storage Tanks
DH = Dog House
▨ = Berm

Top of Red Bed

RHINO ENVIRONMENTAL SERVICES, Inc.			
Land Farm DP-619 Proposed Addition Sec. 11, Sec. 14, T20S, R38E Lea Co., New Mexico			
DATE: 10-28-97	DRAWN M.F.G.	REV. DATE	DIV
SCALE: 1" = 500'		JOB #	
DRAWING: 2 OF 2		FILE:	

MONITOR WELL NO. MW-5			MONITOR WELL DETAILS
DEPTH FT	MATERIAL DESCRIPTION	DEPTH FT	LOCKING PLUG MW COVER
5	0 - 2 feet: Top soil 2 - 5 feet: Rock cap 5 -15 feet: Caliche	5	
10		10	
15		15	
20	15 -32 feet: Sandy clay with rock stringers	20	Grout
25		25	
30	32 -50 feet: Sands with sandy clays	30	
35		35	Benton-ite
40		40	
45		45	Sand
50	50 - 58 feet: Red bed	50	Screen
55		55	
60		60	

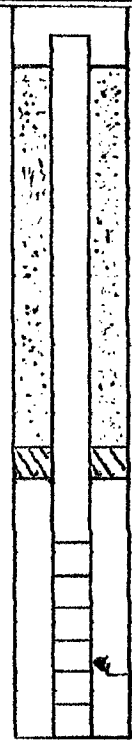
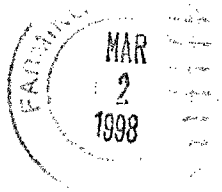


Figure No. 1	Monitor Well Log	Discharge Plan DP-619 8 Miles South of Hobbs Hobbs, NM

Elevation - 3605'
Screen Depth - 58'

APPENDIX E - EVIDENCE OF PUBLIC NOTICE

was paid for at time of mailing.



Attach fee as shown in DMM if return receipt was not paid for at time of mailing.

4. Article Number
Z 297 582 171

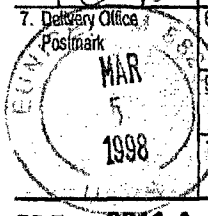
COMPLETE: Complete unshaded area (items 1-6) and enter your name and address on the reverse.

- ☐ 1. Return receipt **WAS NOT** paid for at time of mailing.
- ☒ 2a. Return receipt **WAS** paid for at time of mailing.
- ☐ 2b. Return receipt showing addressee's address **WAS** paid for at time of mailing.

3. Article Addressed To:
MC CARLAND
P.O. Box 206
Eunice, NM 88231

5. Mailing Date
1-6-98

6. Type of Service
☐ COD ☒ Certified ☐ Numbered Insured ☐ Return Receipt for Merchandise ☐ Express Mail ☐ Registered

7. Delivery Office Postmark


8. Delivered to the following individual, company, or organization:
K. Crowell

9. Delivery Date
1/9/98

10. Address *(Complete only if item 2b is checked)*
PO Box 206 Eunice 88231

11. Postal Records Show:
- ☑ Delivery was made
- ☐ Delivery was not made

12. Clerk's Initials
JM

PS Form **3811-A,** December 1994 Domestic Return Receipt *(After Mailing)*

FAX COVER SHEET

RHINO ENVIRONMENTAL SERVICES, INC.
5 County Road 6065
Farmington, New Mexico 87401
Ph: (800) 499-8393
Ph: (800) 762-0241
Fx: (505) 598-9627

SEND TO	
Company name: US Postal Service	From: Daniele Berardelli
Attention: Anna	Date: 3/2/98
Office location: Farmington	Office location: 5 CR 6065, Farmington, NM 87401
Fax number: 324-1143	Phone number: (800) 499-8393 — Fax number: (505) 598-9627

☐ **Urgent** ☐ **Reply ASAP** ☐ **Please comment** ☐ **Please review** ☐ **For your information**

Total pages, including cover: 1

COMMENTS

Rhino sent letters out on January 6, 1998. To date, we have not received return receipts for the following certified letters:

Z 297 582 149

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to: Bruce Mavis Holding Co	
Street & Number: 6253 Hollywood Blvd * 614	
Post Office, State, & ZIP Code: LA, CA 90028	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 171

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to: K A + DM McCasland	
Street & Number: P.O. Box 206	
Post Office, State, & ZIP Code: Eunice, NM 88231	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

RHINO
Environmental Services, Inc.
300 Broadway NE • Albuquerque, New Mexico 87102
(505) 242-6464 • Fax (505) 247-4941
5 County Road 6065 • Farmington, New Mexico 87401
(505)598-9626 • Fax (505) 598-9627

RECEIVED
FEB 16 1998
Environmental Bureau
Oil Conservation Division

February 13, 1998

Ms. Martyne J. Kieling
New Mexico Energy, Minerals, and Natural Resources Department
OIL CONSERVATION DIVISION - ENVIRONMENTAL BUREAU
2040 South Pacheco Street
Santa Fe, New Mexico 87505
Ph: (505) 827-7153, Fx: (505) 827-8177

Re: Commercial Landfarm Permit Application
SE/8 of SE/4 & SW/4 of SE/4, Sec. 11, T20S, R38E, Lea County, New Mexico

Dear Ms. Kieling:

Enclosed is all the pertinent evidence demonstrating Rhino's compliance with the Public Notice Requirements. To date, all certified receipts have been returned, with the exception of The Bruce Morris Holding Company and The Deck, Millard Estate.

Rhino hopes the attached information serves to complete all requirements of the application. We appreciate your time and consideration. Please don't hesitate to call me if you have any questions or require additional information.

Sincerely,

Daniele Berardelli
Landfarm Manager

CC: Mr. Wayne Price, OCD District - I

Display		Class.
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Called Daniele Beradelli 1/27/98 she is getting A New Bill Disregard this MJK

The Lovington Daily LEADER

The Oldest Newspaper in Lea County... ...Serving Since 1909

DRAWER 1717 LOVINGTON, NM 88260

Statement of Account For

State of New Mexico Energy, Minerals
and Natural Resources Department
Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

Month of January 19 98

DISPLAY ADVERTISING:		
_____ inches @_____		
CLASSIFIED ADVERTISING:		
_____ words @_____		
_____ inches @_____		
OTHER CHARGES:		
Legal Notice Ad ran January 9, 1998	49	20
Total.....	49	20
Tax.....		
Total this month.....		
Previous Balance.....		
PLEASE PAY THIS AMOUNT.....	49	20

RECEIVED
JAN 26 1998
OIL CONSERVATION DIVISION

Affidavit of Publication

STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

Joyce Clemens being first duly sworn on oath deposes and says that he is Adv. Director of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

Legal Notice

Notice of Publication

~~and numbered~~ .... ~~in the~~

.... ~~County of Lea~~

~~County, New Mexico~~ was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, ~~once each week on the same day of the week~~ for one (1) day ~~consecutive weeks~~, beginning with the issue of

January 9, 1998

and ending with the issue of

January 9, 1998

And that the cost of publishing said notice is the sum of $ 49.20

which sum has been (Paid) (Assessed) as Court Costs

Joyce Clemens

Subscribed and sworn to before me this 9th day of January, 1998

[signature]

Notary Public, Lea County, New Mexico

My Commission Expires September 28 1998

LEGAL NOTICE
NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to the New Mexico Oil Conservation Division Regulations, the following application has been submitted to the Director of the Oil Conservation Division, 2040 S. Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

Rhino Environmental Services, Inc., Steve Dyer, President, 300 Broadway NE, Albuquerque, New Mexico, 87102, has submitted for approval an application to construct and operate a Rule 711 commercial solids landfarm remediation facility located in the SE/8 of SE/4 & SW/4 of SE/4 of Section 11, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico. Hydrocarbon contaminated soils associated with oil and gas production will be remediated by spreading them on the ground surface in 6 inch lifts or less and periodically disking them to *enhance biodegradation* of contaminants. Ground water most likely to be affected by any accidental discharges at the surface is estimated to be at a depth of 200 feet with a total dissolved solids concentration estimated to be at 1000 parts per million. The facility is underlain by the Triassic red beds. The permit application addresses the construction, operations, spill/leak prevention and monitoring procedures to be incorporated at the proposed site.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru Friday. Prior to ruling on any proposed application, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Request for public hearing shall set forth the reasons why a hearing shall be held. A hearing will be held if the director determines that there is significant public interest.

If no hearing is held, the Director will approve or disapprove the application based on the information available. If a public hearing is held, the Director will approve the application based on the information in the application and *information* presented at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 5th day of January, 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
KATHLEEN A. GARLAND,
Acting Director

SEAL

Published in the Lovington Daily Leader January 9, 1998.

Affidavit of Publication

STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

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That the notice which is hereto attached, entitled Legal Notice

~~and numbered~~ .... ~~in the~~ .... ~~County Court~~ ~~County, New Mexico,~~ was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, ~~once each week on the same day of the week~~ for one (1) day ~~consecutive weeks~~ beginning with the issue of January 9, 1998

and ending with the issue of January 9, 1998

And that the cost of publishing said notice is the sum of $49.20

which sum has been (Paid) (Assessed) as Court Costs

Joyce Clemens

Subscribed and sworn to before me this 9th day of January, 1998

[signature]
Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 1998

LEGAL NOTICE
NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

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If no hearing is held, the Director will approve or disapprove the application based on the information available. If a public hearing is held, the Director will approve the application based on the information in the application and information presented at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 5th day of January, 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
KATHLEEN A. GARLAND,
Acting Director

SEAL

Published in the Lovington Daily Leader January 9, 1998.

Affidavit of Publication

STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

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Legal Notice

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And that the cost of publishing said notice is the sum of $ 49.20 which sum has been (Paid) (Assessed) as Court Costs

Joyce Clemens

Subscribed and sworn to before me this 9th day of January, 1998

Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 1998

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NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 5th day of January, 1998.

STATE OF
NEW MEXICO
OIL CONSERVATION
DIVISION
KATHLEEN A. GARLAND,
Acting Director

SEAL

Published in the Lovington Daily Leader January 9, 1998.

The Santa Fe New Mexican

Since 1849. We Read You.

PHINO ENVIRO SERVICES
ATTN: DANIELE BERARDELLI
5 CR 6065
FARMINGTON, NM 87401

AD NUMBER: 6514 ACCOUNT: 999901
LEGAL NO: 62871 P.O. #: 054927

172 LINES ONCE at $ 110.08

Affidavits: 5.25

Tax: 7.21

Total: $ 122.54

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 5th day of January, 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
KATHLEEN A. GARLAND,
Acting Director

Legal #62871
Pub. January 12, 1998

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, BETSY PERNER being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily news paper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 62871 a copy of which is hereto attached was published in said newspaper once each WEEK for ONE consecutive week(s) and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 12 day of JANUARY 1998 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ Betsy Perner
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 12 day of JANUARY A.D., 1998

Notary B. Mathie
Commission Expires 3-13-2001

OFFICIAL SEAL
B. MATHIE
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 3-13-2001

Z 297 582 168

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to Jewell B + Don M. Caldwell	
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form 3800, April 1995

Z 297 582 148

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to Lee M. Roberts	
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form 3800, April 1995

Z 297 582 145

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to Larry Maddux	
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form 3800, April 1995

Z 297 582 170

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to Lea County Septic Tank Service	
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form 3800, April 1995

Z 297 582 146

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to Ruth G. Thompson
Street & Number
Post Office, State, & ZIP Code
Postage $
Certified Fee
Special Delivery Fee
Restricted Delivery Fee
Return Receipt Showing to Whom & Date Delivered
Return Receipt Showing to Whom, Date, & Addressee's Address
TOTAL Postage & Fees
Postmark or Date

PS Form **3800**, April 1995

Z 297 582 154

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to E. B. Taylor
Street & Number
Post Office, State, & ZIP Code
Postage $
Certified Fee
Special Delivery Fee
Restricted Delivery Fee
Return Receipt Showing to Whom & Date Delivered
Return Receipt Showing to Whom, Date, & Addressee's Address
TOTAL Postage & Fees $
Postmark or Date

PS Form **3800**, April 1995

Z 297 582 161

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to Sabino Calvillo
Street & Number
Post Office, State, & ZIP Code
Postage $
Certified Fee
Special Delivery Fee
Restricted Delivery Fee
Return Receipt Showing to Whom & Date Delivered
Return Receipt Showing to Whom, Date, & Addressee's Address
TOTAL Postage & Fees $
Postmark or Date

PS Form **3800**, April 1995

Z 297 582 152

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to Cary Don Henderson
Street & Number
Post Office, State, & ZIP Code
Postage $
Certified Fee
Special Delivery Fee
Restricted Delivery Fee
Return Receipt Showing to Whom & Date Delivered
Return Receipt Showing to Whom, Date, & Addressee's Address
TOTAL Postage & Fees $
Postmark or Date

PS Form **3800**, April 1995

Z 297 582 180

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to Lida Beatrice Mayes
Street & Number
Post Office, State, & ZIP Code
Postage $
Certified Fee
Special Delivery Fee
Restricted Delivery Fee
Return Receipt Showing to Whom & Date Delivered
Return Receipt Showing to Whom, Date, & Addressee's Address
TOTAL Postage & Fees $
Postmark or Date

PS Form **3800**, April 1995

Z 297 582 162

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to Juan Huerta
Street & Number
Post Office, State, & ZIP Code
Postage $
Certified Fee
Special Delivery Fee
Restricted Delivery Fee
Return Receipt Showing to Whom & Date Delivered
Return Receipt Showing to Whom, Date, & Addressee's Address
TOTAL Postage & Fees $
Postmark or Date

PS Form **3800**, April 1995

Z 297 582 163

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to C. Greenwood + V. Reyes
Street & Number
Post Office, State, & ZIP Code
Postage $
Certified Fee
Special Delivery Fee
Restricted Delivery Fee
Return Receipt Showing to Whom & Date Delivered
Return Receipt Showing to Whom, Date, & Addressee's Address
TOTAL Postage & Fees $
Postmark or Date

PS Form **3800**, April 1995

Z 297 582 155

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to R E Hudson + J E Tawney
Street & Number
Post Office, State, & ZIP Code
Postage $
Certified Fee
Special Delivery Fee
Restricted Delivery Fee
Return Receipt Showing to Whom & Date Delivered
Return Receipt Showing to Whom, Date, & Addressee's Address
TOTAL Postage & Fees $
Postmark or Date

PS Form **3800**, April 1995

Z 297 582 178

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to Roy N. Magee
Street & Number
Post Office, State, & ZIP Code
Postage $
Certified Fee
Special Delivery Fee
Restricted Delivery Fee
Return Receipt Showing to Whom & Date Delivered
Return Receipt Showing to Whom, Date, & Addressee's Address
TOTAL Postage & Fees
Postmark or Date

PS Form **3800**, April 1995

Z 297 582 179

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to W.O. Collins + P. Wright
Street & Number
Post Office, State, & ZIP Code
Postage $
Certified Fee
Special Delivery Fee
Restricted Delivery Fee
Return Receipt Showing to Whom & Date Delivered
Return Receipt Showing to Whom, Date, & Addressee's Address
TOTAL Postage & Fees $
Postmark or Date

PS Form **3800**, April 1995

Z 297 582 177

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to Conoco, Inc.
Street & Number
Post Office, State, & ZIP Code
Postage $
Certified Fee
Special Delivery Fee
Restricted Delivery Fee
Return Receipt Showing to Whom & Date Delivered
Return Receipt Showing to Whom, Date, & Addressee's Address
TOTAL Postage & Fees $
Postmark or Date

PS Form **3800**, April 1995

Z 297 582 159

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to B. R. Mallot + A. Cervantes
Street & Number
Post Office, State, & ZIP Code
Postage $
Certified Fee
Special Delivery Fee
Restricted Delivery Fee
Return Receipt Showing to Whom & Date Delivered
Return Receipt Showing to Whom, Date, & Addressee's Address
TOTAL Postage & Fees $
Postmark or Date

PS Form **3800**, April 1995

Z 297 582 153

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to: Russel R Young, Jr
Street & Number:
Post Office, State, & ZIP Code:

Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 160

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to: R. Calvillo + D. Dominguez
Street & Number:
Post Office, State, & ZIP Code:

Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 154

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to: Klee Mewfeld
Street & Number:
Post Office, State, & ZIP Code:

Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 166

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to: B.S. Nuttall + L.M. Teel
Street & Number:
Post Office, State, & ZIP Code:

Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 147

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to: L. Nowalsky + C. Cabibi
Street & Number:
Post Office, State, & ZIP Code:

Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 169

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to: E.L. Dickeson + B.K. Mudd
Street & Number:
Post Office, State, & ZIP Code:

Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 144

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to: Felix Ramirez
Street & Number:
Post Office, State, & ZIP Code:

Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 150

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to: Robert McCasland
Street & Number:
Post Office, State, & ZIP Code:

Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 141

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to: Marvin J. Haynes
Street & Number: 2 Wisconsin Circle, Ste 400
Post Office, State, & ZIP Code: Chevy Chase, MD 20815

Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 167

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to: Lynx Operating Co
Street & Number:
Post Office, State, & ZIP Code:

Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 172

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to: MH McCasland
Street & Number:
Post Office, State, & ZIP Code:

Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 174

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to: Kay Carney Communities
Street & Number:
Post Office, State, & ZIP Code:

Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

Z 297 582 164

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to	B.A. Hill, Jr.
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 149

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to	Bruce Morris Holding Co
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 158

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to	Efrain Rodriguez
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 171

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to	KA + Dm McCausland
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 165

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to	E E Taylor
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 175

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to	Cuty J. Hobbs
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 157

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to	Dan Hardin
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 142

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to	Clyde Arsbon
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 143

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to	Dick, Millard Estate *4193
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 151

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to	R E Hudson
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 176

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to	Charles R. Myers
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Z 297 582 173

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to	ER Taylor
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

Fold at line over top of envelope to

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
A.H Hill, Jr.
Petroleum Processing
P O Box 308
Hobbs, NM 88241

4a. Article Number
297 582 164

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X

PS Form **3811,** December 1994 102595-97-B-0179 **Domestic Return Receipt**

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

Fold at line over top of envelope to

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Abe Neufeld
Cedar Crest Properties
2805 Rose Rd
Hobbs, NM 88240

4a. Article Number
297 582 154

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X

102595-97-B-0179 **Domestic Return Receipt**

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

Fold at line over top of envelope to

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
E. L. Dickerson + B R Meloy
P.O. Box 5153
Hobbs, NM 88241

4a. Article Number
297 582 169

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X

PS Form **3811,** December 1994 102595-97-B-0179 **Domestic Return Receipt**

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

Fold at line over top of envelope to

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Jenex Operating Co
1433 [illegible]
Denver [illegible]

FORWARDING ORDER EXPIRED

4a. Article Number
297 582 167

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X

PS Form **3811,** December 1994 102595-97-B-0179 **Domestic Return Receipt**

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
City of Hobbs
P.O. Box 1117
Hobbs, NM 88241

4a. Article Number
297 582 175

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
1-8-98

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
E E Taylor
P O Box 703
Hobbs, NM 88241

4a. Article Number
297 582 165

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
1-8-98

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X E E Taylor

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
R E Hudson
P O Box 1572
Edgewood, NM 87015

4a. Article Number
297 582 151

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
JAN 10 1998

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X

EDGEWOOD NM USRPS - 87015

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Clyde Ansbon
219 W. Anne
Hobbs, NM 88240

4a. Article Number
297 582 142

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
1-8-98

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X Clyde Ansbon

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Fold at line over top of envelope to

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Felix Ramirez
P.O. Box 215
Humble, Tx 77347

4a. Article Number
297 582 144

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Efrain Rodriguez
Cedar Crest Properties
600 E. Mesquite
Hobbs, NM 88240

4a. Article Number
297 582 158

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
1-8-98

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X Efrain Rodriguez

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
R.A. + D.M. McCasland
P.O. Box 206
Eunice, NM 88231

4a. Article Number
297 582 171

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☑ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X

EUNICE NM JAN 9 1998 USPS - 87231

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Juan Huerta
300 E. Lea
Hobbs, NM 88240

4a. Article Number
297 582 162

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X Maria Stevens

PS Form **3811,** December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Lida Beatrice Meyers
Star RT A Box 142
Hobbs, NM 88240

4a. Article Number
297 582 180

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
1-8-98

5. Received By: *(Print Name)*
Lida Meyers

8. Addressee's Address *(Only if requested and fee is paid)*
69 nc

6. Signature: *(Addressee or Agent)*
X

PS Form **3811,** December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
E R Taylor
P. O. Box 1461
Hobbs, NM 88240

4a. Article Number
297 582 173

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
1-8-98

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X

PS Form **3811,** December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Gary Don Henderson
P O Box 725
Lovington, NM 88260

4a. Article Number
297 582 152

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X Mary Henderson

PS Form **3811,** December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
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- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
E R Taylor
P O Box 1461
Hobbs, NM 88240

4a. Article Number
297 582 156

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
1-8-98

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X

PS Form **3811,** December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Charles R. Myers
Star RT A Box 189
Hobbs, NM 88240

4a. Article Number
297 5. 2176

4b. Service Type
☐ Registered ☐ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

5. Received By: *(Print Name)*
MYRA Meyers

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X Myra Meyers

PS Form **3811,** December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Sabino Caluillo
1217 Landfill Rd
Hobbs, NM 88240

4a. Article Number
297 582 161

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
1/9

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X Adelina B Caluillo

PS Form **3811,** December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
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- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Ruth G. Thompson
2700 Windsor Blvd.
OK City, OK 73127

4a. Article Number
297 582 146

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
1-8-98

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X Ruth Thompson

PS Form **3811,** December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
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- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Dan Hardin
206 Stanolind Rd
Hobbs, NM 88240

4a. Article Number
297 582 157

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
1/9

5. Received By: *(Print Name)*
Wilma Hardin

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X Wilma Hardin

PS Form **3811,** December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
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- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "*Return Receipt Requested*" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to: Marvin J. Ha[illegible] ~~2 Wisconsin Circle~~ ~~Chevy Chase, MD 20815~~ 4520 East West Hwy #530 Beth Md 20814

4a. Article Number: 297 582 141

4b. Service Type: ☐ Registered ☑ Certified ☐ Express Mail ☐ Insured ☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery:

BETHESDA, MD JAN 13 1998

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)* X N. Bolden

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "*Return Receipt Requested*" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to: C. Greenwood + V. Reza, P.O. Box 627, Hobbs, NM 88240

4a. Article Number: 297 582 163

4b. Service Type: ☐ Registered ☑ Certified ☐ Express Mail ☐ Insured ☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery: 1/12

5. Received By: *(Print Name)* CARL GREENWOOD

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)* X Carl Greenwood

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "*Return Receipt Requested*" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to: RE Hudson + JE Tawney, P.O. Box 641, Jal, NM 88252

4a. Article Number: 297 582 155

4b. Service Type: ☐ Registered ☑ Certified ☐ Express Mail ☐ Insured ☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery: 1-8-98

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)* X John E. Tawney

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "*Return Receipt Requested*" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to: L. Nowalsky + C. Cabibi, 711 Aurora Ave, Suite A, Metairie, LA 70005

4a. Article Number: 297 582 147

4b. Service Type: ☐ Registered ☑ Certified ☐ Express Mail ☐ Insured ☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery: 1/12/98

5. Received By: *(Print Name)* C. BIRD

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)* X C. Bird

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "*Return Receipt Requested*" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to: BR Mellot + A. Cervantes, 405 E. Lea, Hobbs, NM 88240

4a. Article Number: 297-582-159

4b. Service Type: ☐ Registered ☑ Certified ☐ Express Mail ☐ Insured ☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery: 1/12

5. Received By: *(Print Name)* Romelia Cervantes

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)* X Romelia Cervantes

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "*Return Receipt Requested*" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to: Roy N. Magee, 8830 Eunice Hwy, Hobbs, NM 88240

4a. Article Number: 297 5[illegible]

4b. Service Type: ☐ Registered ☑ Certified ☐ Express Mail ☐ Insured ☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery: 1-9-98

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)* X Bessie J. Magee

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "*Return Receipt Requested*" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to: R. Calvillo + D. Dominguez, Star RT A, Box 191, Hobbs, NM 88240

4a. Article Number: 297 582 160

4b. Service Type: ☐ Registered ☑ Certified ☐ Express Mail ☐ Insured ☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery: 1/12

5. Received By: *(Print Name)* Debbie Dom. [illegible]

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)* X [illegible]

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "*Return Receipt Requested*" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to: Conoco, Inc., P.O. Box 1267, Ponca City, OK 72603

4a. Article Number: 297 582 177

4b. Service Type: ☐ Registered ☑ Certified ☐ Express Mail ☐ Insured ☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery:

PONCA CITY, OKLA JAN 12 1998 USPO

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)* X [illegible]

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "*Return Receipt Requested*" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to: W.O. Collins + P. Wright, 7632 Pontiac Place, Alb., NM 87105

4a. Article Number: 297 582 179

4b. Service Type: ☐ Registered ☑ Certified ☐ Express Mail ☐ Insured ☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery: 1-16-98

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)* X [illegible]

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Lea County Septic Tank Service
P.O. Box 703
Hobbs, NM 8824,

4a. Article Number: 297 582 170

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery: 1-14

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)
X Pat Taylor

PS Form 3811, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Lee M. Roberts
Star RT A, Box 187
Hobbs, NM 88240

4a. Article Number: 297-582 148

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery: 1-8

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)
X Lee M. Roberts

PS Form 3811, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Robert McCasland
P.O. Box 206
Eunice, NM 8823

4a. Article Number: 282 297 582 150

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)
X

PS Form 3811, December 1994 102595-97-B-0179 Domestic Return Receipt

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SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Larry Maddux
P.O. Box 93
Junction, Tx 76849

4a. Article Number: 297 582 145

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery: 1-16-98

5. Received By: (Print Name)
Elvia Trevino

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)
X Elvia Trevino

PS Form 3811, December 1994 102595-97-B-0179 Domestic Return Receipt

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Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
M H McGail
Sunwest Bank of Alb.
P.O. Box 26900
Alb., NM 87125

4a. Article Number: 297 582 172

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery: 1-8-98

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)
X David Kyser

PS Form 3811, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
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I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
B.J. Buttall + L.M. Teel
615 E. Skelly
Hobbs, NM 88240

4a. Article Number: 297 57[illegible]

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery: 1/1/

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)
X Kelly

PS Form 3811, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Jewell B + Donald M. Caldwell
2215 N. Adobe
Hobbs, NM 8824O

4a. Article Number: 297 582 168

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery: 1-8-98

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)
X Kitty Buster

PS Form 3811, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Lea County Commissioners
P.O. Box 4C
Lovington, NM 88260

4a. Article Number: 297 582 174

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery: 1/8/98

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)
X

PS Form 3811, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Russel R. Young, Jr.
Cedar Crest Properties
320 E. Lea
Hobbs, NM 88240

4a. Article Number: 297 582 153

4b. Service Type
☐ Registered ☑ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery: 1-9-

5. Received By: (Print Name)

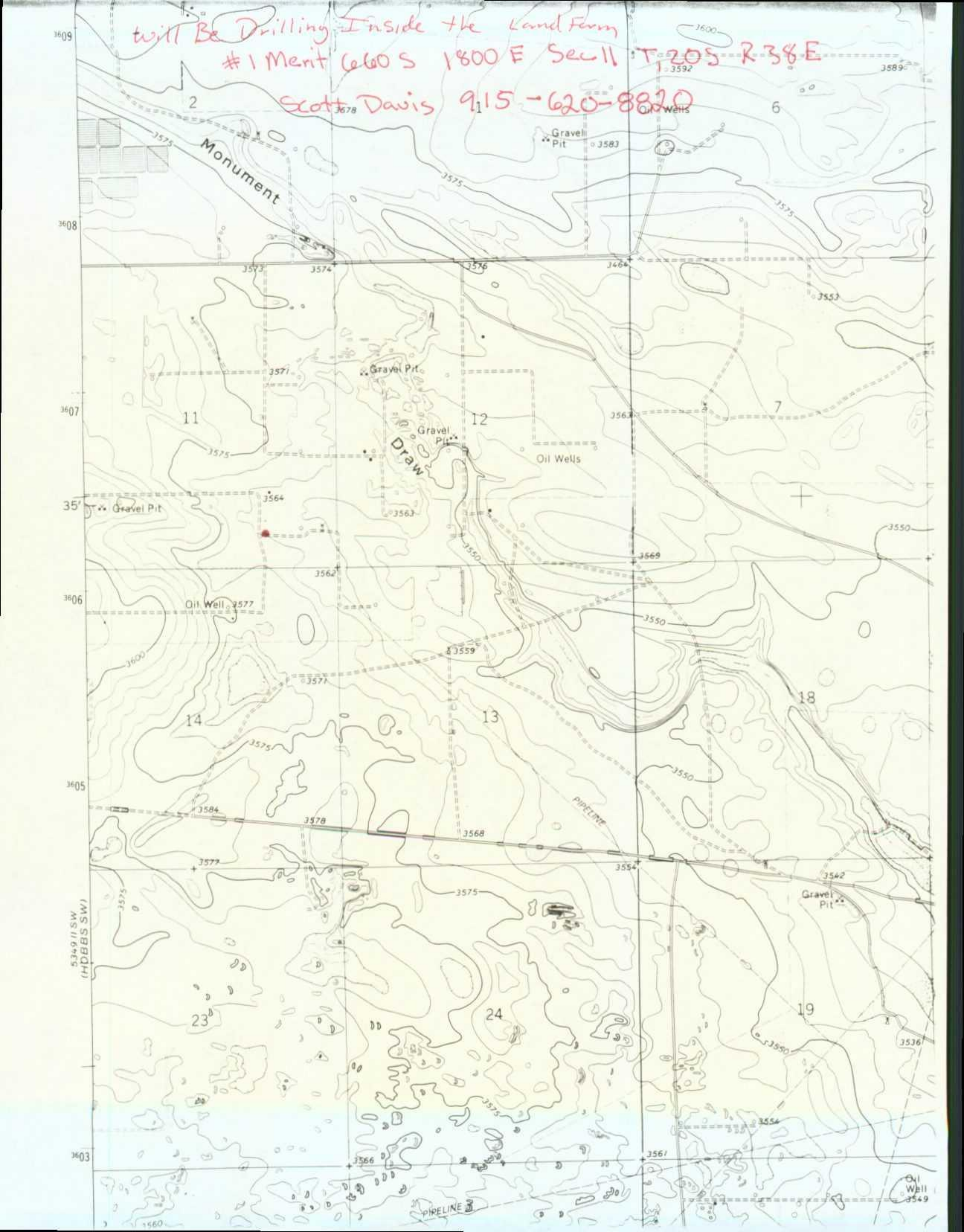
8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)
X Victoria Eglan

PS Form 3811, December 1994 102595-97-B-0179 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?


will Be Drilling Inside the Land Farm
#1 Merit 660 S 1800 E Sec 11 T 20S R 38E
Scott Davis 915-620-8820
Monument
Draw
Gravel Pit
Gravel Pit
Oil Wells
Oil Wells
Oil Well
Oil Well
PIPELINE
PIPELINE
2
1
6
11
12
7
14
13
18
23
24
19
5349 II SW (HOBBS SW)

months, the operator shall complete cleanup of constructed facilities and restoration of the facility site within the following six (6) months, unless an extension of time is granted by the Director.

2. A closure plan for the facility will be provided including the following OCD closure procedures:

   a. When the facility is to be closed no new material will be accepted;

   b. Existing landfarm soils will be remediated until they meet the OCD standards in effect at the time of closure;

   c. The area will be reseeded with natural grasses and allowed to return to its natural state;

   d. Closure will be pursuant to all OCD requirements in effect at the time of closure, and any other applicable local, state and/or federal regulations.

CERTIFICATION

Rhino Environmental Services, Inc., by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Rhino Environmental Services, Inc. further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

RHINO ENVIRONMENTAL SERVICES, INC.

by Steve Ugo, President
Title

RHINO
Environmental Services, Inc.
300 Broadway NE • Albuquerque, New Mexico 87102
(505) 242-6464 • Fax (505) 247-4941
5 County Road 6065 • Farmington, New Mexico 87401
(505)598-9626 • Fax (505) 598-9627

February 9, 1998

Ms. Martyne J. Kieling
New Mexico Energy, Minerals, and Natural Resources Department
OIL CONSERVATION DIVISION - ENVIRONMENTAL BUREAU
2040 South Pacheco Street
Santa Fe, New Mexico 87505
Ph: (505) 827-7153, Fx: (505) 827-8177

Re: Commercial Landfarm Permit Application
SE/8 of SE/4 & SW/4 of SE/4, Sec. 11, T20S, R38E, Lea County, New Mexico

Dear Ms. Kieling:

As requested, Rhino Environmental Services, Inc. (Rhino) would like to submit well records for Sections 1, 2 and 12. Also, you asked for clarification concerning the 120' wells drilled by Eades Drilling in 1989. In response to your question, 10' 2" screens were placed at 110'. Additionally, I have reviewed the letters of protest and noted that the two concerns were odor and effects to groundwater. I would like to address these two issues and explain why Rhino does not believe they will have a negative impact to the surrounding environment.

The well records in sections 1, 2 and 12 show groundwater to be an average of 138, 43 and 58 feet deep, respectively. Upon review of the 1979 USGS Topographic Map (enclosed) , it is evident that the land slopes from the north to the south. The protesting letters place all residents in the NW corner of section 11. Our farm will be located in the very southern portion of section 11. Well records were obtained from section 14 to determine the depth to groundwater in the path of drainage in accordance with the natural slope of the land. Records show that wells 200 feet deep encountered no groundwater (enclosed). To support our claim that groundwater will not be effected, Rhino, in accordance with the conditions of our DP619, New Mexico Environment Department permit, samples the native soil quarterly at a depth of three feet below the surface. Groundwater monitoring is also performed to ensure that it remains unaffected. Rhino's DP-619 facility has been permitted since 1969, all monitoring results demonstrate that no contaminant migration has occurred. If necessary, Rhino can provide OCD with all quarterly reports.

Odor was the second biggest worry among the residents of the area. Rhino believes that the fact that we currently own and operate an existing landfarm directly adjacent to the proposed location should demonstrate that the lack of any complaints to date prove that odor has not been an issue. Furthermore, no letter mentions that any resident is currently experiencing problems associated with odor. The proposed farm will be accepting OCD related soils, which in general, are less volatile than the contaminants we currently treat. Therefore, odor associated with this facility should not at all become a nuisance.

Rhino hopes the above serves to address all issues and fulfill all the information requirements of the application. We appreciate your time and consideration. Please don't hesitate to call me if you have any questions or require additional information.

Sincerely,

Daniele Berardelli
Landfarm Manager

CC: Mr. Wayne Price, OCD District - I

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well _____ Owner's Well No. _____
Street or Post Office Address _____
City and State _____

Well was drilled under Permit No. _____ and is located in the:

a. _____ ¼ _____ ¼ _____ ¼ _____ ¼ of Section _____ Township _____ Range _____ N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor _____ License No. _____

Address _____

Drilling Began _____ Completed _____ Type tools _____ Size of hole _____ in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well _____ ft.

Completed well is ☐ shallow ☐ artesian. Depth to water upon completion of well _____ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by:

_____
State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received **Typed 5/11/78**

Quad _____ FWL _____ FSL _____

File No. _____ Use Oil Location No. 20.38.1.442333

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	12		Caliche
12	33		Sand
33	42		Flint rock
42	95		Water sand
95	110		Red shale
110	150		Shale and sand
150	160		Red shale
160	200		Red shale and sand
200	340		Red shale
340	570		Red shale and sand
570	580		Red shale
580	590		Sand
590	600		Red shale
600	630		Shale and sand
			L S Elev 3567
			Depth to K Trc 95
			Elev of K Trc 3472

Section 7. REMARKS AND ADDITIONAL INFORMATION

This well record is an excerpt from Oil Conservation Commission files at Hobbs, N.M.

Location: 20.38.1.442333 Elevation: -- 3567 Topo

Owner: Eastland Oil Co.
H. B. Waldrup #1

Record of Casing: 15 1/2" - 109'
9" - 1690'

Cable 0 - 109'
Rotary 109 - 4755'

1920' S of NL - 640' W of EL of SE¼

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

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

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well _____ Owner's Well No. _____
Street or Post Office Address _____
City and State _____

Well was drilled under Permit No. _____ and is located in the:

a. _____ ¼ _____ ¼ _____ ¼ _____ ¼ of Section _____ Township _____ Range _____ N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor _____ License No. _____

Address _____

Drilling Began _____ Completed _____ Type tools _____ Size of hole _____ in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well _____ ft.

Completed well is ☐ shallow ☐ artesian. Depth to water upon completion of well _____ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by:

_____
State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received **Typed 5/11/78**

Quad _____ FWL _____ FSL _____

File No. _____ Use **011** Location No. **20.38.1.42000**

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	28		Caliche
28	170		Hard sandstone
170	180		Sand (fresh water)
180	310		Red bed and shells
310	1635		Red bed and shale
			L S Elev ____ 3592
			Depth to K ____ Trc 180
			Elev of K ____ Trc 3412

Section 7. REMARKS AND ADDITIONAL INFORMATION

This well record is an excerpt from Oil Conservation Commission files at Hobbs, N.M.

Location: 20.38.1.42000 Elevation: 3582' TC

Owner: C. L. Norsworthy
Sinclair Waldrop #1

Record of Casing: 13 3/8" - 284.5
8 5/8" - 3608'

Rotary

3300'S of NL - 660' W of EL

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

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

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

L-10,049

Section 1. GENERAL INFORMATION

(A) Owner of well AYLMER NUTTALL Owner's Well No. _____
Street or Post Office Address 225-5 CECIL
City and State HOBBS NEW MEXICO 88240

Well was drilled under Permit No. L-10,049 and is located in the:

a. _____ ¼ _____ ¼ N½ ¼ SE¼ of Section 12 Township 20-S Range 38 E. N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in LEA County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor TJ STONE License No. WD-576

Address 207 NW-4 SEMINOLE TEXAS 79360

Drilling Began 12-20-88 Completed 12-30-88 Type tools CABLE Size of hole 8 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 90 ft.

Completed well is ☑ shallow ☐ artesian. Depth to water upon completion of well 50 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
50	85	35	GRAY SAND	25

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
6 5/8	14		Well Top To	Bottom	25		70	90

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by:
_____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received January 5, 1989

Quad _____ FWL _____ FSL _____

File No. L-10,049 Use DOMESTIC Location No. 20.38.12.41114

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	2	2	BROWN SURFACE SOIL
2	25	23	CLECHIE WHITE
25	50	25	SAND ROCK BROWN
50	85	35	WATER SAND - GRAY
85	90	5	RED BED
			~Elevation From topo Map 3563 ft AMS
			Interpolated
			- 85' Redbed
			3478

Section 7. REMARKS AND ADDITIONAL INFORMATION

JAN 5 8 30 AM '89

STATE ENGINEER
ROSWELL, NM

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

T J Stone
Driller

INSTRUCTIONS: This form ...d be executed in triplicate, preferably typewritten, and submitted ... appropriate district office of the State Engineer. All s... ...ons, except Section 5, shall be answered as completely and accura... ... possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and S...

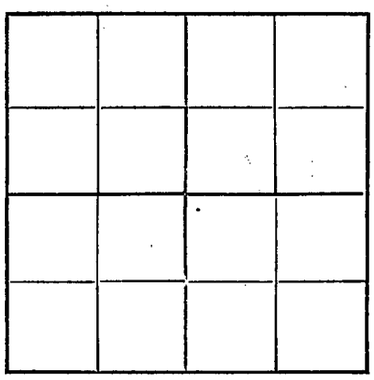
Form WR-23 STATE ENGINEER OFFICE

WELL RECORD

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

File L-2735

Section 1



(Plat of 640 acres)

(A) Owner of well Lowe Drilling Company

Street and Number Midland Tower - Box 832

City Midland State Texas

Well was drilled under Permit No. ~~Water Well~~ for oill well and is located in the SE ¼ SE ¼ SE ¼ of Section 12 Twp. 20S Rge. 38E

(B) Drilling Contractor O. R. Musslewhite License No. WD 99

Street and Number Box 56

City Hobbs State New Mexico

Drilling was commenced December 26 19 54

Drilling was completed December 27 19 54

Elevation at top of casing in feet above sea level ____ Total depth of well 90

State whether well is shallow or artesian Shallow Depth to water upon completion 65

Section 2 PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation
1	70	87	17	Yellow sand rock
2				
3				
4				
5				

Section 3 RECORD OF CASING

Dia in.	Pounds ft.	Threads in	Depth Top	Depth Bottom	Feet	Type Shoe	Perforations From	Perforations To
7	24	8	0	90	90	None	60	90

Section 4 RECORD OF MUDDING AND CEMENTING

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

RECEIVED
MAR 30 1955
OFFICE
GROUND WATER SUPERVISOR

Section 5 PLUGGING RECORD

Name of Plugging Contractor ____ License No. ____

Street and Number ____ City ____ State ____

Tons of Clay used ____ Tons of Roughage used ____ Type of roughage ____

Plugging method used ____ Date Plugged ____ 19 ____

Plugging approved by: ____ Basin Supervisor

Cement Plugs were placed as follows:

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

FOR USE OF STATE ENGINEER ONLY

Date Received Mar. 30, 1955

File No. L-2735 Use Oil Location No. 20 38 12 4 4

Section 6

LOG OF WELL

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color	Type of Material Encountered
0	1	1	Brown	Soil
1	16	15	White	Caliche & rock
16	45	29		Sandy Shale
45	49	4	Brown	QUartsite
49	70	21	Brown	Sand stone hard
70	87	17	Yellow	Sand rock, hard
87	90	3	Red	Red bed, clay

L S Elev 3567'
Depth to K Trc 87'
Elev of K Trc 3480

Loc. No. 20.38.12.442222
Hydro. Survey Field Check X

SOURCE OF ALTITUDE GIVEN
Interpolated from Topo. Sheet X
Determined by Inst Leveling
Other

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

G R Musselwhite
Well Driller

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well City of Hobbs Owner's Well No. _____
Street or Post Office Address P.O. Box 1117
City and State Hobbs, N.M. 88240

Well was drilled under Permit No. Monitor Well-Disposal Plant and is located in the:

a. ____ ¼ ____ ¼ ____ ¼ NW ¼ of Section 2 Township 20S Range 38E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Gene Fades License No. WD-982

Address 1335 Katy Lane, Hobbs, N.M. 88240

Drilling Began 5-11-88 Completed 5-11-88 Type tools Rotary Size of hole 8 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 42 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 36 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
36	42	6	Sand and Clay Stringers	35

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
4 3/4	160psi				42		22	42

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by:

_____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received July 6, 1988

Quad _____ FWL _____ FSL _____

File No. NO FILE NUMBER Use OBS Location No. 20.38.2.10

20.38.2.10

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	3	3	Top Soil
3	16	13	Caliche
16	36	20	Rock and Clay Stringers
36	42	6	Sand and Clay Stringers
			~ Elevation from Topo 3575'

Section 7. REMARKS AND ADDITIONAL INFORMATION

JUL 6 6 20 AM '88

STATE ENGINEER
ROSWELL, NM

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Kathy Ezell
Driller

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

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

FIELD ENGR. COPY

Section 1. GENERAL INFORMATION

(A) Owner of well Clyde Arsbon Owner's Well No. _____

Street or Post Office Address 219 St Anne Place

City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. L-8458 and is located in the:

a. _____ ¼ _____ ¼ NE ¼ NW ¼ of Section 2 Township 20-S Range 38-E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor C. M. Griffin License No. WD-603

Address 201 W. Alto Dr. Hobbs, New Mexico 88240

Drilling Began 5-25-81 Completed 6-3-81 Type tools Spudder Size of hole 10 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 98 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 38 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
38		88	Red Sand	75

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
6 5/8			0	98	98	None	78	98

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
38	98	10	2		Gel with water

Section 5. PLUGGING RECORD

Plugging Contractor _____

Address _____

Plugging Method _____

Date Well Plugged _____

Plugging approved by:

_____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received June 9, 1981

Quad 108. 4.4 FWL _____ FSL _____

File No. L-8458 Use DOM. Location No. 20.38.2.~~12~~

1122.24

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	3	3	Top Soil
3	28	25	red rock
28	38	10	White rock
38	88	~~50~~ 50	red sand
88	98	10	Red Clay

L S Elev 3574
Depth to K Trc 88
Elev of K Trc 3486

Loc. No. 20.38.2.112224

Hydro. Survey _____ Field Check KO

SOURCE OF ALTITUDE GIVEN

Interpolated from Topo. Sheet X

Determined by Inst. Leveling _____

Other _____

Section 7. REMARKS AND ADDITIONAL INFORMATION

STATE ENGINEER
ROSWELL, NM
JUN 9 8 24 AM '81

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

C. M. Griffin
Driller

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

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Tom Whatley Owner's Well No. _____
Street or Post Office Address Box 38
City and State Monument, N.M.

Well was drilled under Permit No. L-9904 and is located in the:

a. _____ ¼ _____ ¼ N ½ ¼ NW ¼ of Section 2 Township 20S Range 28E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Alan Eades License No. WD-1044

Address 1335 Katy Lane, Hobbs, N.M. 88240

Drilling Began 3-4-87 Completed 3-4-87 Type tools Rotary Size of hole 8 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 80 ft.

Completed well is [X] shallow [ ] artesian. Depth to water upon completion of well 57 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
57	80	23	Sand and Sandy Red clay	35

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
5 3/4	160psi				80		60	80

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by:

_____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received March 10, 1987

Quad _____ FWL _____ FSL _____

File No. L-9904 Use DOMESTIC Location No. 20.38.2.11424

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	3	3	Top soil
3	18	15	Caliche
18	53	35	Sand
53	57	4	Rock
57	67	10	Sand
67	80	13	Sandy Red Clay
80			Red Bed

≈ Elevation From Topo 3574
− 80
3504

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Alan Eades
Driller

INSTRUCTIONS: This form ld be executed in triplicate, preferably typewritten, and submitted to opropriate district office of the State Engineer. All as, except Section 5, shall be answered as completely and accurately ossible when any well is drilled, repaired or deer hen this form is used as a plugging record, only Section 1(a) and Section 5 n ed be completed.

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Charles Meyers Owner's Well No. _____
Street or Post Office Address Star Rt. A Box 189
City and State Hobbs, N.M. 88240

Well was drilled under Permit No. L-10,359 and is located in the:

a. _____ ¼ NW ¼ NW ¼ NE ¼ of Section 2 Township 20S Range 38E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Alan Eades License No. WD-1044

Address 1200 E. Bender, Hobbs, N.M. 88240

Drilling Began 11-23-93 Completed 11-23-93 Type tools Rotary Size of hole 8 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 83 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 55 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
55	83	28	Water Sand with Sandy Clay and Sandstone	35

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
5 3/4	160psi				83		53	83

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by:

_____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received 12/08/93

Quad _____ FWL _____ FSL _____

File No. L-10,359 Use Domestic Location No. 20S.38E.2.21114

20.38.2.21114 ✓

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	3	3	Top Soil
3	55	52	Fine Caliche
55	63	8	Water Sand with Sandy Clay
63	68	5	Water Sand with Sandstone Stringers
68	70	2	Water Sand with Sandy Clay
70	83	13	Water Sand

≈ Elevation 3577
− 83
3494'

Section 7. REMARKS AND ADDITIONAL INFORMATION

'93 DEC 8 AM 10 40

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Alan Eades
Driller
by Kathryn Eades

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. A' ons, except Section 5, shall be answered as completely and accura' possible when any well is drilled, repaired or deepen en this form is used as a plugging record, only Section 1(a) and Sectic ed be completed.

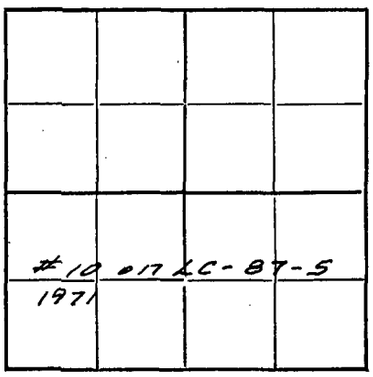
Form WR-23 FIELD EI LOG

STATE ENGINEER OFFICE

WELL RECORD

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

Section 1



(Plat of 640 acres)

(A) Owner of well A. H. Hughes

Street and Number STAR Rt. A. Box 40

City Hobbs State N M

Well was drilled under Permit No. L-2061-S and is located in the NE ¼ SE ¼ NE ¼ of Section 2 Twp. 20 Rge. 38 E

(B) Drilling Contractor M. L. Fulling License No. WD 124

Street and Number 317 N. Fowler

City Hobbs State N M.

Drilling was commenced 6-21 19 60

Drilling was completed 6-10 19 60

Elevation at top of casing in feet above sea level ____ Total depth of well 116

State whether well is shallow or artesian SHALLOW Depth to water upon completion 52

Section 2 **PRINCIPAL WATER-BEARING STRATA**

No.	Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation
1	52	70	18	1st water Sand
2	84	100	16	2nd water Sand
3				
4				
5				

Section 3 **RECORD OF CASING**

Dia in.	Pounds ft.	Threads in	Depth Top	Depth Bottom	Feet	Type Shoe	Perforations From	Perforations To
14		Welded	0	116	116	no shoe	52	116

Section 4 **RECORD OF MUDDING AND CEMENTING**

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

Section 5 **PLUGGING RECORD**

Name of Plugging Contractor ____ License No. ____

Street and Number ____ City ____ State ____

Tons of Clay used ____ Tons of Roughage used ____ Type of roughage ____

Plugging method used ____ Date Plugged ____ 19 ____

Plugging approved by:

Basin Supervisor

Cement Plugs were placed as follows:

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

FOR USE OF STATE ENGINEER ONLY

STATE ENGINEER OFFICE RECEIVED

Date Received 60 JUL 15 AM 8:30

File No. L-2061-S Use DOM Location No. 20.38.2.442

21212

Section 6

LOG OF WELL

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color	Type of Material Encountered
0	3	3		Sub Soil
3	33	30		Chachie
33	52	19		Sand Rock
52	70	18		1st water sand
70	81	11		Pack sand
81	84	3		Hard Rock
84	100	16		2nd water sand
100	116	16		Yellow Clay

L S Elev 3577

Depth to K Trc 100

Elev of K Trc 3477

212211 For DU — "photo punch"

Loc. No. 20.38.2.21212

Hydro. Survey Field Check X

SOURCE OF ALTITUDE GIVEN

Interpolated from Topo. Sheet X

Determined by Inst. Leveling

Other

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

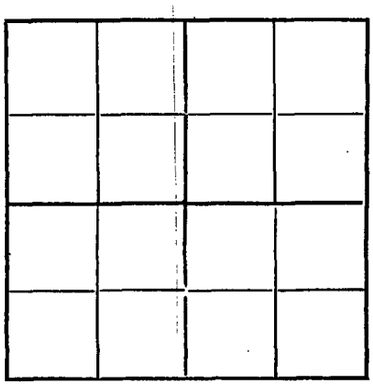
M. L. Fullingim
Well Driller

Form WR-23 FIELD [illegible]R. LOG STATE ENGINEER OFFICE

WELL RECORD

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

Section 1



(Plat of 640 acres)

(A) Owner of well A. H. Hughes
Street and Number SEAR RT A.
City HOBBS State N. Mex.
Well was drilled under Permit No. L-2061-S and is located in the SE ¼ SE ¼ NE ¼ of Section 2 Twp. 20S Rge. 38E
(B) Drilling Contractor M. L. FULLINGIM License No. WD124
Street and Number 317 N. Fowler
City HOBBS State N. Mex.
Drilling was commenced 4-10 19 58
Drilling was completed 4-14 19 58

Elevation at top of casing in feet above sea level _____ Total depth of well 116 ft
State whether well is shallow or artesian SHALLOW Depth to water upon completion 52 ft

Section 2 PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation
1	52	70	18	1st water sand
2	84	100	16	2nd water sand
3				
4				
5				

Section 3 RECORD OF CASING

Dia in.	Pounds ft.	Threads in	Depth Top	Depth Bottom	Feet	Type Shoe	Perforations From	Perforations To
14	14	Welded	0	116	116	No Shoe	52	116

Section 4 RECORD OF MUDDING AND CEMENTING

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

Section 5 PLUGGING RECORD

Name of Plugging Contractor _____ License No. _____
Street and Number _____ City _____ State _____
Tons of Clay used _____ Tons of Roughage used _____ Type of roughage _____
Plugging method used _____ Date Plugged _____ 19 ____
Plugging approved by:

_____ Basin Supervisor

Cement Plugs were placed as follows:

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

FOR USE OF STATE ENGINEER ONLY

Date Received APR 28 1958

RECEIVED
OFFICE
GROUND WATER SUPERVISOR
ROSWELL, NEW MEXICO

File No L-2061-S Use DM Location No. 20.38.2 2444

242223

Section 6

LOG OF WELL

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color	Type of Material Encountered
0	3	3		Sub Soil
3	33	30		Clay
33	52	19		Sand Rock
52	70	18		1st water Sand
70	81	11		Rock Sand
81	84	3		Rock
84	100	16		2nd water Sand
100	116	16		Yellow Clay

L S Elev 3580'
Depth to K Trc 100
Elev of K Trc 3480' ?

Loc. No. 20.38.2.242223
Hydro. Survey Field Check X

SOURCE OF ALTITUDE GIVEN
Interpolated from Topo. Sheet X
Determined by Inst. Leveling
Other

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

W. F. Sullivan
Well Driller

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well CONOCO, INC. Owner's Well No. WARREN WATERFLOOD #3

Street or Post Office Address 1410 W. COUNTY ROAD

City and State HOBBS, NM 88240

Well was drilled under Permit No. L-438, L-2124, L-2125 & L-2126 Comb. (T) A and is located in the:

a. ____ ¼ SW. ¼ SW ¼ NW ¼ of Section 2 Township 20-S Range 38-E N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____ Subdivision, recorded in LEA County.

d. X= ____ feet, Y= ____ feet, N.M. Coordinate System ____ Zone in the ____ Grant.

(B) Drilling Contractor ABBOTT BROTHERS DRLG. License No. WD-46

Address P.O. BOX 305 HOBBS, NM 88240

Drilling Began XXXXXX 1-24-96 Completed 2-14-96 Type tools CABLE Size of hole 22" in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 85 ft.

Completed well is XX shallow ☐ artesian. Depth to water upon completion of well 35' ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
35	85	50	SAND W/ROCK	

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
16	42	WELDED	0	85	85	NONE	25	85

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor ____

Address ____

Plugging Method ____

Date Well Plugged ____

Plugging approved by:

State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received 02-21-96

Quad ____ FWL ____ FSL ____

File No. L-438, L-2124, L-2125 & L-2126 Comb. (T)-A Use waterflood Location No. 20.38.2.311323

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
20	26	6	ROCK
26	55	29	SAND
55	62	7	ROCK
62	80	18	SAND
80	85	5	RED BED
			≈Elevation of 3580
			Topo − 80
			3500

Section 7. REMARKS AND ADDITIONAL INFORMATION

STATE ENGINEER OFFICE
ROSWELL NEW MEXICO
'96 FEB 21 AM 11 22

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Floyd Abbott
Driller Lynda Taylor

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 6 need be completed.

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

WARREN WATERFLOOD SUPPLY

(A) Owner of well CONOCO, INC. Owner's Well No. WELL # 1

Street or Post Office Address 10 DESTA DRIVE, SUITE 100W

City and State MIDLAND, TEXAS 79705

Well was drilled under Permit No. L-438, L-2124, L-2125 & 2126 COMBINED (T) A-S and is located in the:

a. ____ ¼ NW ¼ NW ¼ SW ¼ of Section 2 Township 20-S Range 38-E N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____ Subdivision, recorded in LEA County.

d. X= ____ feet, Y= ____ feet, N.M. Coordinate System ____ Zone in the ____ Grant.

(B) Drilling Contractor ABBOTT BROS. DRILLING License No. WD-46

Address P.O. BOX 637, HOBBS, NEW MEXICO 88240

Drilling Began 9/13/93 Completed 9/30/93 Type tools CABLE Size of hole 18' X 30" 80' X 24" in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 101 ft.

Completed well is ☐ shallow ☐ artesian. Depth to water upon completion of well 23 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
23	76	53	SAND	350

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
24"	63	NA	0	20	20	NONE	-	-
16"	46	WELDED	0	101	101	NONE	21	101

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
0	20	30	READY-MIX	2 YDS.	POURED

Section 5. PLUGGING RECORD

Plugging Contractor ____

Address ____

Plugging Method ____

Date Well Plugged ____

Plugging approved by:

____ State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received October 6, 1993

Quad ____ FWL ____ FSL ____

File No. L-438, L-2124, L-2125 & L-2126-Comb. (T) A-S Use WF Location No. 20.38.2.311

20.38.2.311

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	6	6	GRAVEL AND SAND
6	18	12	SAND ROCK
18	44	26	SAND
44	50	6	ROCK
50	76	26	SAND
76	100	24	RED BED

± Elevation Top 3579
- 76
3503

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Murrell Abbott
Driller N.B.

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All se , except Section 5, shall be answered as completely and accurate ossible when any well is drilled, repaired or deepened. his form is used as a plugging record, only Section 1(a) and Section be completed.

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

FIELD ENGR. LOG

Section 1. GENERAL INFORMATION

Reclamation

(A) Owner of well City of Hobbs Owner's Well No. 6

Street or Post Office Address P.O. Box 1117

City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. L-7559 and is located in the:

a. ____ ¼ ____ ¼ ____ ¼ S½ ¼ of Section 2 Township 20S Range 38E N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____
Subdivision, recorded in Lea County.

d. X= ____ feet, Y= ____ feet, N.M. Coordinate System ____ Zone in the ____ Grant.

(B) Drilling Contractor Abbott Bors. License No. WD-46

Address P.O.Box 637, Hobbs, New Mexico 88240

Drilling Began 5/76 Completed 6/76 Type tools Cable Size of hole 8 in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 80 ft.

Completed well is [X] shallow [ ] artesian. Depth to water upon completion of well 43½ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
43½	80	36½	Sand	37

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
6/5/8	15	Welded	0	80	80	15' stainless steel screen	65	80

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor ____

Address ____

Plugging Method ____

Date Well Plugged ____

Plugging approved by: ____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad ____ FWL 905 FSL 2620

File No. L-7559 Use Ind. Loc. Location No. 20.38.2.31212

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	1	1	Soil
1	30	29	Caliche
30	40	10	Sand
40	52	12	Sand rock
52	76	24	Sand
76	80	4	Red clay
			L S Elev 3580
			Depth to K Trc 76
			Elev of K Trc 3516
			Loc. No. 20.38.2.31212
			Hydro. Survey Field Check
			SOURCE OF ALTITUDE GIVEN
			Interpolated from Topo. Sheet X
			~~Determined by Inst. Leveling~~
			Other

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Murrell Abbott N.B.
Driller

INSTRUCTIONS: This for ...uld be executed in triplicate, preferably typewritten, and submitted t... appropriate district office of the State Engineer. All ...ons, except Section 5, shall be answered as completely and accurate... possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 ...eed be completed.

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well CONOCO, INC. Owner's Well No. WARREN WATERFLOOD #4

Street or Post Office Address 1410 W. COUNTY ROAD

City and State HOBBS, NM 88240

Well was drilled under Permit No. L-438, L-2124, L-2125 & L-2126 Comb. (T) B and is located in the:

a. ___ ¼ SW ¼ NW ¼ SW ¼ of Section 2 Township 20-S Range 38-E N.M.P.M.

b. Tract No. ___ of Map No. ___ of the ___

c. Lot No. ___ of Block No. ___ of the ___ Subdivision, recorded in ___ County.

d. X= ___ feet, Y= ___ feet, N.M. Coordinate System ___ Zone in the ___ Grant.

(B) Drilling Contractor ABBOTT BROTHERS DRILLING License No. WD-0046

Address P.O. BOX 305 HOBBS, NM 88240

Drilling Began 2-2-96 Completed 2-10-96 Type tools CABLE Size of hole 22 in.

Elevation of land surface or ___ at well is ___ ft. Total depth of well 80 ft.

Completed well is [XX] shallow [ ] artesian. Depth to water upon completion of well 35 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
35	80	45	SAND W/ROCK	

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
16	42	WELDED	0	80	80	NONE	20	80

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor ___

Address ___

Plugging Method ___

Date Well Plugged ___

Plugging approved by:

___

State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received 02-21-96

Quad ___ FWL ___ FSL ___

File No. L-438, L-2124, L-2125 & L-2126 Comb. (T)-B Use waterflood Location No. 20.38.2.313123

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encou
20	55	35	SAND W/ROCK
55	60	5	ROCK
60	77	17	SAND
77	80	3	RED BED
			5058'
			CL- 77'
			≈ Elevation Fm Topo 3582'

Section 7. REMARKS AND ADDITIONAL INFORMATION

'96 FEB 21 PM 11 22

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Floyd Abbott
Driller Lynda Taylor

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

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Conoco, Inc. Owner's Well No. Warren Waterflood # 2

Street or Post Office Address 10 Desta Drive, Suite 100W

City and State Midland, Texas 79705-4500

Well was drilled under Permit No. L-438, L-2124, L-2125 & 2126 COMBINED (T) and is located in the:

a. ____ ¼ SW ¼ NW ¼ SW ¼ of Section 2 Township 20S Range 38E N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____ Subdivision, recorded in LEA County.

d. X= ____ feet, Y= ____ feet, N.M. Coordinate System ____ Zone in the ____ Grant.

(B) Drilling Contractor Abbott Bros. Drilling License No. WD-46

Address P.O. Box 637, Hobbs, New Mexico 88240

Drilling Began 2/23/94 Completed 3/23/94 Type tools Cable Size of hole 18" x 30" / 79' x 22" in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 97 ft.

Completed well is [X] shallow [ ] artesian. Depth to water upon completion of well 28 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
28	80	52	Sand	250

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
24	63		0	18	18			
16	42	Welded	0	98	98	None	70	97

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
0	20	30	Ready-mix	1½ Yds.	Poured

Section 5. PLUGGING RECORD

Plugging Contractor ____

Address ____

Plugging Method ____

Date Well Plugged ____

Plugging approved by:

____

State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received 03/25/94

Quad ____ FWL ____ FSL ____

Waterflood Operation 20S-38E-2-31332

File No. L-438, L-2124, L-2125 & L-2126 Comb.-A-S-2 (T) Use ____ Location No. ____

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	6	6	Gravel and sand
6	18	12	Sand rock
18	22	4	Rock
22	35	13	Calichie w/rock
35	52	17	Sand
52	58	6	Rock
58	77	19	Sand
77	80	3	Brown sandy clay
80	97	17	Red bed
			± Elevation From Topo 3585'
			− 80
			3505'

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Murrell Abbott
Driller

JB.

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sec[tions] except Section 5, shall be answered as completely and accurately a[s possi]ble when any well is drilled, repaired or deepened. W[hen t]his form is used as a plugging record, only Section 1(a) and Section 5 n[eed be] completed.

Revised June 1972

STATE ENGINEER OFFICE

FIELD ENGR. LOG

WELL RECORD

Section 1. GENERAL INFORMATION

Reclamation

(A) Owner of well City of Hobbs Owner's Well No. #5

Street or Post Office Address P.O. Box 1117

City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. L-7559 and is located in the:

a. ____ ¼ ____ ¼ ____ ¼ ____ ¼ of Section 2 Township 20S Range 38E N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____
Subdivision, recorded in Lea County.

d. X= ____ feet, Y= ____ feet, N.M. Coordinate System ____ Zone in the ____ Grant.

(B) Drilling Contractor Abbott Bros. License No. Wd-46

Address P.O. Box 637, Hobbs, New Mexico 88240

Drilling Began 5/76 Completed 6/76 Type tools Cable Size of hole 8 in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 75 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 41 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
41	75	34	Sand	18

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
6 5/8	15	Welded	0	75	75	15' stainless steel	60	screen 75

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor ____

Address ____

Plugging Method ____

Date Well Plugged ____

Plugging approved by:

____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad ____ FWL 1765 FSL 2600

File No. ____ Use ____ Location No. 20.38.2.32121

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	1	1	Surface Soil
1	25	24	Caliche
25	40	15	Sand
40	72	32	Sand
72	75	3	Red Clay

L S Elev 3570 — Estimate From Topo 3575 − 72 = 3503'

Depth to K Trc 72

Elev of K Trc 3498

Loc. No. 20.38.2.32121

Hydro. Survey Field Check

SOURCE OF ALTITUDE GIVEN

Interpolated from Topo. Sheet X

Determined by Inst. Leveling

Other

Section 7. REMARKS AND ADDITIONAL INFORMATION

STATE ENGINEER OFFICE
RECEIVED
1971 JUN 10 AM 9 44

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Murrell Abbott
Driller N.B

INSTRUCTIONS: This for ould be executed in triplicate, preferably typewritten, and submitted t appropriate district office of the State Engineer. All ions, except Section 5, shall be answered as completely and accurate. possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

FIELD ERROR. USE

Section 1. GENERAL INFORMATION

(A) Owner of well City of Hobbs Owner's Well No. Monitoring E

Street or Post Office Address P.O. Box 1117

City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. L-7559 and is located in the:

a. ____ ¼ ____ ¼ ____ ¼ S½ ¼ of Section 2 Township 20S Range 38E N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____
Subdivision, recorded in Lea County.

d. X= ____ feet, Y= ____ feet, N.M. Coordinate System ____ Zone in the ____ Grant.

(B) Drilling Contractor Abbott Bros. License No. WD-46

Address P.O. Box 637, Hobbs, New Mexico 88240

Drilling Began 5/76 Completed 6/76 Type tools Cable Size of hole 6 in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 75 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 41½ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
41½	75	33½		

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
4	Plastic 2	Glued	0	75	75	15' plastic screen	60	75

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor ____

Address ____

Plugging Method ____

Date Well Plugged ____

Plugging approved by:

____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad ____ FWL 1665 FSL 2630

File No. L-7559 Use ____ Location No. 20.38.2.3212 11

Section 6. LOG OF HOLE

Depth in Feet		Thickness in Feet	Color and Type of Material Encountered
From	To		
0	1	1	Soil
1	28	27	Caliche
28	40	12	Sand
40	42	2	Sand
42	51	9	Sand rock
51	70	19	Sand
70	75	5	Red Clay

L S Elev ________ 3570
Depth to K________Trc 70
Elev of K________Trc 3500

Loc. No. 20. 35. 2. 321211
Hydro. Survey________Field Check________

SOURCE OF ALTITUDE GIVEN
Interpolated from Topo. Sheet X
Determined by Inst. Leveling________
Other________

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Murrell Abbott
Driller N.B

INSTRUCTIONS: This for[m sh]ould be executed in triplicate, preferably typewritten, and submitted t[o the] appropriate district office of the State Engineer. All [secti]ons, except Section 5, shall be answered as completely and accurate[ly as] possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

FIELD ENGR. LOG

Section 1. GENERAL INFORMATION

Reclamation

(A) Owner of well City of Hobbs Owner's Well No. 4

Street or Post Office Address P.O. Box 1117

City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. L-7559 and is located in the:

a. ____ ¼ ____ ¼ ____ ¼ S½ ¼ of Section 2 Township 20S Range 38E N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____ Subdivision, recorded in Lea County.

d. X= ____ feet, Y= ____ feet, N.M. Coordinate System ____ Zone in the ____ Grant.

(B) Drilling Contractor Abbott Bros. License No. WD-46

Address P.O. Box 637, Hobbs, New Mexico 88240

Drilling Began 5/7 5/76 Completed 6/76 Type tools Cable Size of hole 8 in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 75 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 44 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
44	75	31	Sand	20

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
6 5/8	15	Welded	0	75	75	15' stainless steel screen	60	75

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor ____

Address ____

Plugging Method ____

Date Well Plugged ____

Plugging approved by:

____

State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad ____ FWL 2150 FSL 2145

File No. L-7559 Use Engr Location No. 20.38.2.32233

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	3	3	Surface soil
3	38	35	Caliche
38	42	4	Sand
42	50	8	Sand rock
50	72	22	Sand
72	75	3	Clay
			L S Elev 3577
			Depth to K Trc 72
			Elev of K Trc 3505
			Loc. No. 23.33.2.32235
			Hydro. Survey Field Check
			SOURCE OF ALTITUDE GIVEN
			Interpolated from Topo. Sheet X
			Determined by Inst. Leveling
			Other

Section 7. REMARKS AND ADDITIONAL INFORMATION

'75 JUL 1 AM 10 43
STATE ENGINEER OFFICE
SANTA FE, N. M.

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Murrell Abbott
Driller

M.B

INSTRUCTIONS: This for uld be executed in triplicate, preferably typewritten, and submitted t appropriate district office of the State Engineer. All ons, except Section 5, shall be answered as completely and accurate possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed

Revised June 1972

STATE ENGINEER OFFICE

FIELD ENGR. USE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well City of Hobbs Owner's Well No. Monitoring D

Street or Post Office Address P.O. Box 1117

City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. L-7559 and is located in the:

a. ____ ¼ ____ ¼ ____ ¼ S½ ¼ of Section 2 Township 20S Range 38E N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____
Subdivision, recorded in Lea County.

d. X= ____ feet, Y= ____ feet, N.M. Coordinate System ____ Zone in the ____ Grant.

(B) Drilling Contractor Abbott Bros. License No. wd-46

Address P.O. Box 637, Hobbs, New Mexico 88240

Drilling Began 5/76 Completed 6/76 Type tools Cable Size of hole 6 in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 75 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 46 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
46	75	29		

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
4	Plastic 2	Glued	0	75	75	Plastic screen	60	75

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor ____

Address ____

Plugging Method ____

Date Well Plugged ____

Plugging approved by:

____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad ____ FWL 2050 FSL 2145

File No. [illegible] Use [illegible] Location No. 20.38.2.322.331

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	1	1	Soil
1	36	35	Caliche
36	43	7	Sand
43	52	9	Sand rock
52	70	18	Sand
70	75	5	Red Clay
			L S Elev 3577
			Depth to K Trc 70
			Elev of K Trc 3507
			Loc. No. 20.35.2.322331
			Hydro. Survey Field Check
			SOURCE OF ALTITUDE GIVEN
			Interpolated from Topo. Sheet X
			Determined by Inst. Leveling
			Other

Section 7. REMARKS AND ADDITIONAL INFORMATION

STATE ENGINEER OFFICE
RECEIVED
1979 JUL 10 PM 3

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Murrell Abbott H.B.
Driller

INSTRUCTIONS: This fo ould be executed in triplicate, preferably typewritten, and submitted t appropriate district office of the State Engineer. Al ions, except Section 5, shall be answered as completely and accurat possible when any well is drilled, repaired or deepened When this form is used as a plugging record, only Section 1(a) and Section need be completed

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

FIELD ENGR. LOG

Section 1. GENERAL INFORMATION

Reclamation

(A) Owner of well City of Hobbs Owner's Well No. 3

Street or Post Office Address P.O. Box 1117

City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. L-7559 and is located in the:

a. ____ ¼ ____ ¼ ____ ¼ S½ ¼ of Section 2 Township 20S Range 38E N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____ Subdivision, recorded in Lea County.

d. X= ____ feet, Y= ____ feet, N.M. Coordinate System ____ Zone in the ____ Grant.

(B) Drilling Contractor Abbott Bros. License No. WD-46

Address P.O. Box 637, Hobbs, New Mexico 88240

Drilling Began 5/76 Completed 6/76 Type tools Cable Size of hole 8 in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 71 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 39 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
39	71	32	Sand	20

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
6 5/8	15	Welded	0	71	71	15' stainless steel screen	56	71

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor ____

Address ____

Plugging Method ____

Date Well Plugged ____

Plugging approved by:

____

State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad ____ FWL 2605 FSL 2110

File No. [illegible] Use [illegible] Location No. 20.38.2.32244

Section 6. LOG OF HOLE

Depth in Feet		Thickness in Feet	Color and Type of Material Encountered
From	To		
0	2	2	Surface soil
2	31	29	Caliche
31	39	8	Sand
39	48	9	Sand rock
48	67	19	Sand
67	71	4	Red clay

L S Elev 3572
Depth to K ____ Trc 67
Elev of K ____ Trc 3505

Loc. No. 20. 35. 2. 32244
Hydro. Survey ______ Field Check ______

SOURCE OF ALTITUDE GIVEN
Interpolated from Topo. Sheet X
Determined by Inst. Leveling ______
Other ______

Section 7. REMARKS AND ADDITIONAL INFORMATION

'76 JUL 1 AM 10 43
STATE ENGINEER OFFICE

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Murrell Abbott
Driller H.B.

INSTRUCTIONS: This for[illegible]ould be executed in triplicate, preferably typewritten, and submitted t[illegible] appropriate district office of the State Engineer. Al[illegible]ions, except Section 5, shall be answered as completely and accurate[illegible] possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

FIELD ENGR. LOG

Section 1. GENERAL INFORMATION

(A) Owner of well City of Hobbs Owner's Well No. Monitoring C

Street or Post Office Address P.O. Box 1117

City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. L-7559 and is located in the:

a. ____ ¼ ____ ¼ ____ ¼ S½ ¼ of Section 2 Township 20S Range 38E N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____

Subdivision, recorded in Lea County.

d. X= ____ feet, Y= ____ feet, N.M. Coordinate System ____ Zone in the ____ Grant.

(B) Drilling Contractor Abbott Bros. License No. WD-46

Address P.O. Box 637, Hobbs, New Mexico 88240

Drilling Began 5/76 Completed 6/76 Type tools Cable Size of hole 6 in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 70 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 39 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
39	70	31		

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
4	Plastic 2	Glued	0	70	70	15'	Plastic screen 55	70

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor ____

Address ____

Plugging Method ____

Date Well Plugged ____

Plugging approved by:

____

State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad ____ FWL 2515 FSL 2150

File No. ____ Use ____ Location No. 20.38.2.322441

Section 6. LOG OF HOLE

Depth in Feet		Thickness in Feet	Color and Type of Material Encountered
From	To		
0	2	2	Soil
2	30	28	Caliche
30	44	14	Sand
44	50	6	Sand rock
50	66	16	Sand
66	70	4	Red clay

L S Elev ______ 3571
Depth to K______Trc 66
Elev of K______Trc 3505

Loc. No. 20. 38. 2. 322441
Hydro. Survey________Field Check________

SOURCE OF ALTITUDE GIVEN
Interpolated from Topo. Sheet X
Determined by Inst. Leveling________
Other________

Section 7. REMARKS AND ADDITIONAL INFORMATION

STATE ENGINEER OFFICE
JUL 1 AM 10 45

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Murrell Abbott
Driller
H.B

INSTRUCTIONS: This for ould be executed in triplicate, preferably typewritten, and submitted t appropriate district office of the State Engineer. Al ions, except Section 5, shall be answered as completely and accurate possible when any well is drilled, repaired or deepened When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

FIELD ENGR. LOG

Section 1. GENERAL INFORMATION

Reclamation

(A) Owner of well City of Hobbs Owner's Well No. 2

Street or Post Office Address P.O. Box 1117

City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. L-7559 and is located in the:

a. $S\frac{1}{2}$ ¼ ¼ ¼ of Section 2 Township 20S Range 38E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in Lea County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Abbott Bros. License No. WD-46

Address P.O. Box 637, Hobbs, New Mexico 88240

Drilling Began 5/76 Completed 6/76 Type tools Cable Size of hole 8 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 70 ft.

Completed well is [X] shallow [ ] artesian. Depth to water upon completion of well 43 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
43	70	27	Sand	17

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
6 5/8	15	Welded	0	70	70	15' stainless steel screen	55	70

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor _____

Address _____

Plugging Method _____

Date Well Plugged _____

Plugging approved by:

_____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad _____ FWL 2580 FSL 1625

File No. L-7559 Use Expl Location No. 20.38.2.32424

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	3	3	Surface soil
3	38	35	Caliche
38	42	4	Sand
42	52	10	Sand rock
52	64	12	Sand
64	70	6	White and red clay
			L S Elev _____ 3577
			Depth to K_____ Trc 64
			Elev of K_____ Trc 3513
			Loc. No. 20.38.2.32424
			Hydro. Survey_____ Field Check_____
			SOURCE OF ALTITUDE GIVEN
			Interpolated from Topo. Sheet X
			~~Determined by Inst. Leveling~~_____
			Other_____

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Murrell Abbott
Driller H.B

INSTRUCTIONS: This fo ould be executed in triplicate, preferably typewritten, and submitted t appropriate district office of the State Engineer. Al ions, except Section 5, shall be answered as completely and accurate possible when any well is drilled, repaired or deepened When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

FIELD ENGR. LOG

Section 1. GENERAL INFORMATION

Monitoring

(A) Owner of well City of Hobbs Owner's Well No. B

Street or Post Office Address P.O. Box 1117

City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. L-7559 and is located in the:

a. ____ ¼ ____ ¼ ____ ¼ S½ ¼ of Section 2 Township 20S Range 38E N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____ Subdivision, recorded in Lea County.

d. X= ____ feet, Y= ____ feet, N.M. Coordinate System ____ Zone in the ____ Grant.

(B) Drilling Contractor Abbott Bros. License No. WD-46

Address P.O. Box 637, Hobbs, New Mexico 88240

Drilling Began 5/76 Completed 6/76 Type tools Cable Size of hole 6 in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 75 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 39 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
39	75	36	Sand	

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
4	Plastic 2	Glued	0	75	75		Plastic screen 60	75

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor ____

Address ____

Plugging Method ____

Date Well Plugged ____

Plugging approved by:

____

State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad ____ FWL 2580 FSL 1780

File No. ____ Use ____ Location No. 20.38.2.324242

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	2	2	Soil
2	16	14	Caliche
16	23	7	Sand rock
23	28	5	Sand
28	34	6	Sand rock
34	42	8	Sand
42	52	10	Sand rock
52	70	18	Sand
70	75	5	Red Clay

L S Elev 3576
Depth to K Trc 70
Elev of K Trc 3506

Loc. No. 20. 36. 2. 324242
Hydro. Survey Field Check

SOURCE OF ALTITUDE GIVEN
Interpolated from Topo. Sheet
Determined by Inst. Leveling
Other

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Murrell Abbott
Driller N.B

INSTRUCTIONS: This fo ould be executed in triplicate, preferably typewritten, and submitted t appropriate district office of the State Engineer. Al ions, except Section 5, shall be answered as completely and accurate possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

FIELD ENGR. LOG

Section 1. GENERAL INFORMATION

Reclamation

(A) Owner of well City of Hobbs Owner's Well No. 1

Street or Post Office Address P.O. Box 1117

City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. L-7559 S ½ and is located in the:

a. ____ ¼ ____ ¼ ____ ¼ ____ ¼ of Section 2 Township 20S Range 38E N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____ Subdivision, recorded in Lea County.

d. X= ____ feet, Y= ____ feet, N.M. Coordinate System ____ Zone in the ____ Grant.

(B) Drilling Contractor Abbott Bros. License No. WD-46

Address P.O. Box 637, Hobbs, New Mexico 88240

Drilling Began 5/76 Completed 6/76 Type tools Cable Size of hole 8 in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 80 ft.

Completed well is [X] shallow [ ] artesian. Depth to water upon completion of well 39 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
39	80	41	Sand	16

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
6 5/8	15	Welded	0	80	80	15' Stainless Steel screen	65	80

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor ____

Address ____

Plugging Method ____

Date Well Plugged ____

Plugging approved by:

____ State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad ____ FWL 2040 FSL 1580

File No. ____ Use ____ Location No. 20.38.2.32431

Section 6. LOG OF HOLE

Depth in Feet		Thickness in Feet	Color and Type of Material Encountered
From	To		
0	3	3	Soil
3	21	18	Caliche
21	45	24	Sand
45	54	9	Sand Rock
54	73	19	Sand
73	76	3	Sandy Clay
76	80	4	Red Clay

L S Elev 3581
Depth to K Trc 76
Elev of K Trc 3505

Loc. No. 20. 38. 2. 32431
Hydro. Survey ______ Field Check ______

SOURCE OF ALTITUDE GIVEN
~~Interpolated from Topo. Sheet~~ X
Determined by Inst. Leveling
Other ______

Section 7. REMARKS AND ADDITIONAL INFORMATION

STATE ENGINEER OFFICE
N.M.
'78 JUN 1 10 42

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Murrell Abbott
Driller H.B.

INSTRUCTIONS: This fo ould be executed in triplicate, preferably typewritten, and submitted t appropriate district office of the State Engineer. Al .ions, except Section 5, shall be answered as completely and accurate. possible when any well is drilled, repaired or deepened When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

FIELD ENGR. LOG

Section 1. GENERAL INFORMATION

Monitoring

(A) Owner of well City of Hobbs Owner's Well No. A

Street or Post Office Address P.O. Box 1117

City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. L-7559 and is located in the:

a. ____ ¼ ____ ¼ ____ ¼ S½ ¼ of Section 2 Township 20S Range 38E N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____
Subdivision, recorded in Lea County.

d. X= ____ feet, Y= ____ feet, N.M. Coordinate System ____ Zone in the ____ Grant.

(B) Drilling Contractor Abbott Bros. License No. WD-46

Address P.O. Box 637, Hobbs, New Mexico 88240

Drilling Began 5/76 Completed 6/76 Type tools Cable Size of hole 6 in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 75 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well ____ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
40½	75	34½		

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
4	Plastic 2	Glued	0	75	75	15' Plastic screen	60	75

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor ____

Address ____

Plugging Method ____

Date Well Plugged ____

Plugging approved by:

____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad ____ FWL 2140 FSL 1590

File No. [illegible] Use [illegible] Location No. 20.38.2.324312

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	3	3	Soil
3	21	18	Caliche
21	45	24	Sand
45	53	8	Sand rock
53	71	18	Sand
71	75	4	Red Clay

L S Elev 3581
Depth to K Trc 71
Elev of K Trc 3510

Loc. No. 20.38.2.324312
Hydro. Survey Field Check

SOURCE OF ALTITUDE GIVEN
Interpolated from Topo. Sheet X
Determined by Inst. Leveling
Other

Section 7. REMARKS AND ADDITIONAL INFORMATION

STATE ENGINEER OFFICE
'75 JUN 1 AM 10 44

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Murrell Abbott
Driller H.B.

INSTRUCTIONS: This fo ould be executed in triplicate, preferably typewritten, and submitted t appropriate district office of the State Engineer. Al. .ions, except Section 5, shall be answered as completely and accurate possible when any well is **drilled, repaired or deepened** When this form is used as a plugging record, only Section 1(a) and Section need be completed

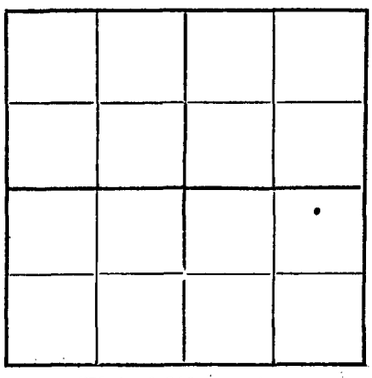
FIEL[illegible] LOG

Form WR-23 STATE ENGINEER OFFICE

WELL RECORD

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

Section 1



(Plat of 640 acres)

(A) Owner of well CAPITAN DRILLING CO.

Street and Number BOX 6725

City ODESSA, State TEXAS

Well was drilled under Permit No. L-6462(E) and is located in the NE ¼ NE ¼ SE ¼ of Section 2 Twp. 20S Rge. 38E

(B) Drilling Contractor ABBOTT BROS. License No. WD-46

Street and Number BOX 637

City HOBBS State N.M. 88240

Drilling was commenced JAN. 24 19 69

Drilling was completed FEB. 1 19 69

Elevation at top of casing in feet above sea level 86' Total depth of well 86'

State whether well is shallow or artesian shallow Depth to water upon completion 45'

Section 2 PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation
1	42	86	44'	water sand
2				
3				
4				
5				

Section 3 RECORD OF CASING

Dia in.	Pounds ft.	Threads in	Depth Top	Depth Bottom	Feet	Type Shoe	Perforations From	Perforations To
7	20	10	1	86'	86'	none	50	86

Section 4 RECORD OF MUDDING AND CEMENTING

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

Section 5 PLUGGING RECORD

Name of Plugging Contractor License No.

Street and Number City State

Tons of Clay used Tons of Roughage used Type of roughage

Plugging method used Date Plugged 19

Plugging approved by:

Basin Supervisor

Cement Plugs were placed as follows:

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

FOR USE OF STATE ENGINEER ONLY

Date Received 1969 FEB -6 AM 8:14

File No. L-6462(E) Use OWD Location No. 20.38.2.422

Section 6

LOG OF WELL

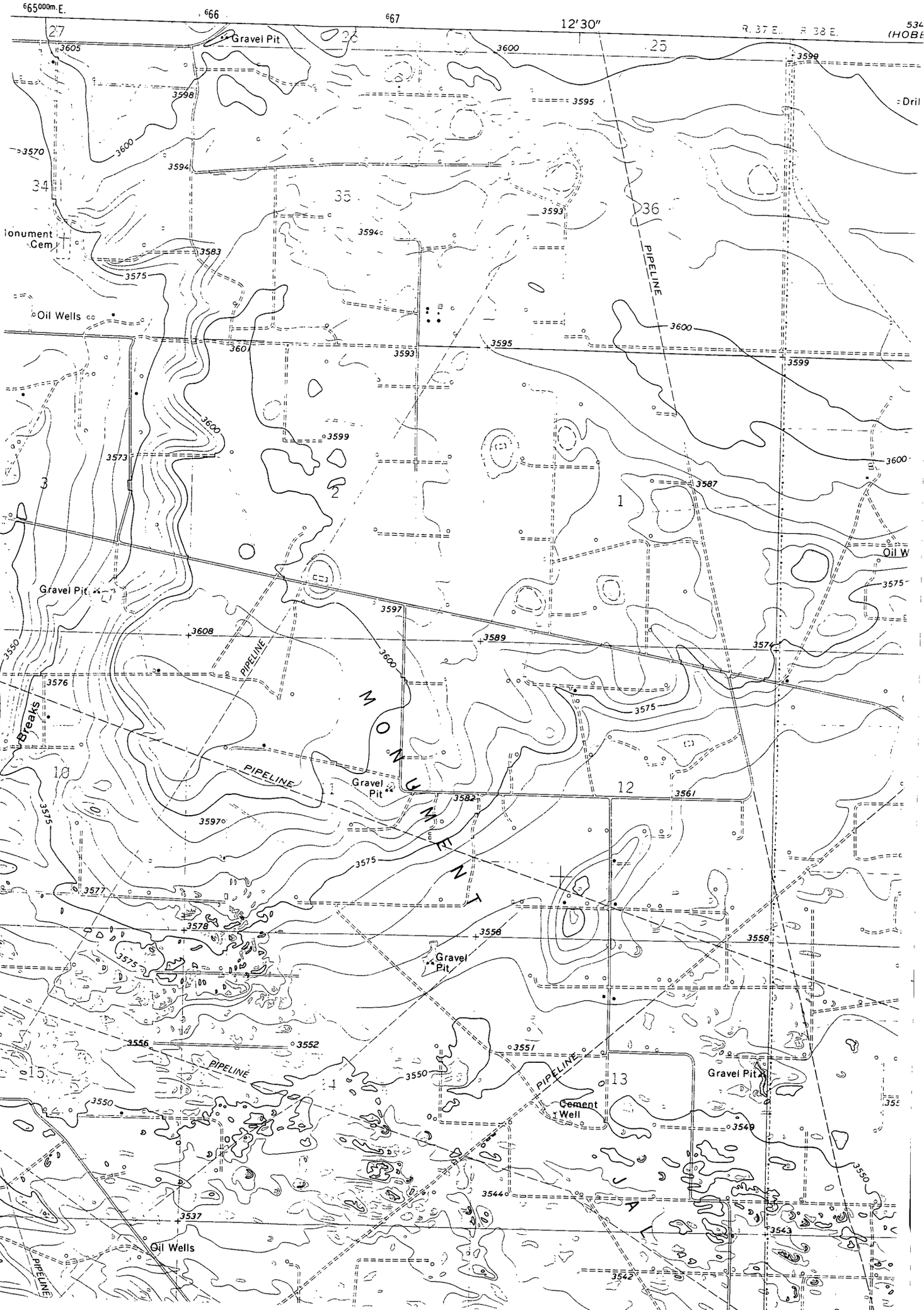
Depth in Feet From	Depth in Feet To	Thickness in Feet	Color	Type of Material Encountered
0	2	2	gr y	~~xxxx~~ soil
2	22	20	gray	caliche
22	30	8	brown	sand rock
~~30~~	42	8	brown	sand
42	86	44	brown	water sand
				≃ Elevation From Topo 3576
				86 TD
				3490 Ass Redbed

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

Murrell Cabot

Well Driller

D STATES
OF THE INTERIOR
CAL SURVEY



Revised June 1972

STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Rhino Tank & Line Testing Owner's Well No. _____
Street or Post Office Address P.O. Box 2327 - 4007 Lovington Hwy
City and State Hobbs, N.M. 88240

Well was drilled under Permit No. Monitor Well and is located in the:

a. _____ ¼ NE ¼ NE ¼ NW ¼ of Section 14 Township 20S Range 38E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Gene Eades License No. WD-982
1335 Katy Lane. Hobbs, N.M. 88240
Address _____

Drilling Began 1-28-91 Completed 1-28-91 Type tools Rotary Size of hole 6½ in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 200 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well no water strata encountered ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
4" flush joint					200		50	200
sch. 40								

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by:
_____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received June 20, 1991
Quad _____ FWL _____ FSL _____
File No. NO FILE NO. -MONITOR WELL Use OBS Location No. 20.38.14.12214

Section 6. LOG OF HOLE

Depth in Feet		Thickness in Feet	Color and Type of Material Encountered
From	To		
0	28	28	Caliche
28	32	4	Sandy Clay and Rock
32	34	2	Bluish Clay
34	38	4	Sandy Clay
38	45	7	Dry Sand
45	55	11	Sandy Red Clay
55	62	7	Yellow-Gold Sandy Clay
62	68	6	Rock
68	80	12	Red Bed
80	100	20	Red and Blue Clay with Rock Stringers
100	120	20	Red Bed
120	200	80	Red Bed
			≈ Elevation Topo 3590'
			68' Red bed
			3522

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. Al[illegible]ons, except Section 5, shall be answered as completely and accurate[illegible]possible when any well is drilled, repaired or deepen[illegible]en this form is used as a plugging record, only Section 1(a) and Sectio[illegible]d be completed.

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Rhino Tank & Line Testing Owner's Well No. _____
Street or Post Office Address P.O. Box 2327 - 4007 Lovington Hwy
City and State Hobbs, N.M. 88240

Well was drilled under Permit No. Monitor Well and is located in the:

a. _____ ¼ NE ¼ NE ¼ NW ¼ of Section 14 Township 20S Range 38E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Gene Eades License No. WD-982

Address 1335 Katy Lane, Hobbs, N.M. 88240

Drilling Began 1-29-91 Completed 1-29-91 Type tools Rotary Size of hole 6½ in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 100 ft.

Completed well is [X] shallow [ ] artesian. Depth to water upon completion of well no water strata encountere ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
4" flush joint					100		50	100
	sch. 40							

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by:

_____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received June 20, 1991

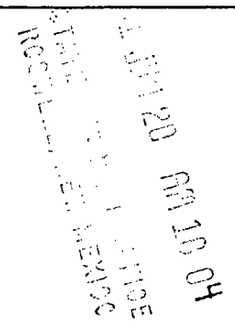
Quad _____ FWL _____ FSL _____

File No. NO FILE NO. -MONITOR WELL Use OBS Location No. 20.38.14.122322

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	2	2	Top Soil
2	18	16	Caliche
18	30	22	Sandy Clay and Rock Strata
30	36	6	Red Clay
36	40	4	Gold Sand and Clay with brown stringers
40	44	4	Gold Sandy Clay
44	55	11	Red Sandy Clay
55	58	3	Coarse Sand
58	59	1	Rock Stringers
59	63	4	Sand
63	68	5	Sandy Clay
68	72	4	Greenish Grey Clay
72	80	8	Red Bed
80	95	15	Red Bed
95	100	5	Rock Stringers
			± Elevation From Topo 3590
			− 72
			3518' top of Red bed

Section 7. REMARKS AND ADDITIONAL INFORMATION



The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Gene Eades by Kathryn Eades

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All ons, except Section 5, shall be answered as completely and accurate' ossible when any well is drilled, repaired or deepen en this form is used as a plugging record, only Section 1(a) and Sectio d be completed.

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

FIELD ENGR. LOG

Section 1. GENERAL INFORMATION

(A) Owner of well Kerry Evans Owner's Well No. _____

Street or Post Office Address 218 W. Mesa

City and State Hobbs, NM 88240

Well was drilled under Permit No. L-8514 and is located in the:

a. _____ ¼ SW ¼ NE ¼ NW ¼ of Section 14 Township 20-S Range 38-E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in Lea County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Larry's Drilling License No. WD882

Address 2601 W. Bender Hobbs, NM

Drilling Began 8-6-81 Completed 8-7-81 Type tools tricone Size of hole 4½ in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 60 ft.

Completed well is [X] shallow [ ] artesian. Depth to water upon completion of well None ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor _____

Address _____

Plugging Method _____

Date Well Plugged _____

Plugging approved by:

_____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received August 16, 1982

Quad _____ FWL _____ FSL _____

File No. L-8514 Use DOMESTIC Location No. 20.38.14.123

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	4	4	topsoil
4	28	24	blow sand
28	50	22	caliche
50	55	5	sand and sandstone
55	60	5	~~XXXXXXXXXXXXXX~~ red bed

see Above Redbed

L S Elev 3607 3607
~~Depth to K Trc 50~~ − 55
Elev of K Trc 3557 3552

Loc. No. 23.35.4.114 '3

Hydro. Survey ________ Field Check JRH

SOURCE OF ALTITUDE GIVEN

~~Interpolated from Topo. Sheet~~ X

Determined by Inst. Leveling ________

Other ________

Section 7. REMARKS AND ADDITIONAL INFORMATION

STATE ENGINEER ROSWELL NM
AUG 16 8 31 AM '82

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Larry Jenkins
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All [illegible]ons, except Section 5, shall be answered as completely and accuratel[y as] possible when any well is drilled, repaired or deepened. [Wh]en this form is used as a plugging record, only Section 1(a) and Section 5 [ne]ed be completed.

(This form to be executed in triplicate)

WELL RECORD

Date of Receipt ..... Permit No. L-2239

Name of permittee, J O Coursey

Street or P. O. Star Route A, City and State Hobbs, New Mexico

1. Well location and description: The shallow (shallow or artesian) well is located in NW ¼, NE ¼, ¼ of Section 14, Township 20S, Range 38E; Elevation of top of casing above sea level, ... feet; diameter of hole, 6 inches; total depth, 90 feet; depth to water upon completion, 38 feet; drilling was commenced 1-15, 19 54 and completed 1-16, 1954; name of drilling contractor J. E. Barton; Address, Box 42 Hobbs, New Mex; Driller's License No. WD-14

2. Principal Water-bearing Strata:

	Depth in Feet From	To	Thickness	Description of Water-bearing Formation
No. 1	40	40	0	A seep of water in sand
No. 2				This well will make about 10 galons per hour.
No. 3				
No. 4				
No. 5				

3. Casing Record:

Diameter in inches	Pounds per ft.	Threads per inch	Depth of Casing or Liner Top	Bottom	Feet of Casing	Type of Shoe	Perforation From	To
none								

4. If above construction replaces old well to be abandoned, give location: ¼, ¼, ¼ of Section ....., Township ....., Range .....; name and address of plugging contractor, ...

date of plugging ....., 19....; describe how well was plugged: .....

FILED
MAR 11 1954
OFFICE
GROUND WATER SUPERVISOR
ROSWELL, NEW MEXICO

L-2239

20.38.14 24311?

5. Log of Well:

Depth in Feet From	To	Thickness in feet	Description of Formation
0	2	2	Sandy Soil
2	25	23	Caliche
25	40	15	Sand
40	42	2	Hard Sandstone
42	50	8	Sand and to red bed.

L S Elev 3561'
Depth to K Trc 50'
Elev of K Trc 3511'?

Loc. No. 20.38.14.24311 ?

Hydro. Survey ____ Field Check X

SOURCE OF ALTITUDE GIVEN

Interpolated from Topo. Sheet X

Determined by Inst. Leveling ____

Other ____

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

J E Barton
Licensed Well Driller

Instructions

This form shall be executed, preferably typewritten, in triplicate and filed with the State Engineer's Office at Roswell, New Mexico, within 10 days after drilling has been completed. Data on water-bearing strata and on all formations encountered should be as complete and accurate as possible.

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

February 6, 1998

Mr. Adrian Zamora
8000 S. Eunice Highway
Hobbs, NM 88240

Re: Commercial Landfarm Permit Application
Rhino Environmental Services, Inc.
SE/8 of SE/4 & SW/4 of SE/4 of Section 11, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico

Dear Mr. Zamora:

The Oil Conservation Division (OCD) has received your protest to the above referenced landfarm application received by the OCD on November 18, 1997. The OCD has included your name on the list of intervenors in this case and as such you will receive copies of all correspondence concerning the application. The OCD will continue to process the application until it is determined to be administratively approvable or denied. If the permit is administratively denied, the applicant will be notified and it will be its responsibility to request a hearing appealing the denial if it so desires. If the application is determined to be administratively approvable, the OCD will notify the applicant and all intervenors of the conditions under which the permit could be issued. All intervenors will be allowed fifteen (15) days from receipt of the determination to submit final comments on the conditions or request a public hearing in lieu of administrative approval. A request for a public hearing must be in writing and must include the reasons why a hearing should be held.

The OCD would appreciate your input on all environmental and public health issues relating to the application. Please be advised that land use concerns are not within the jurisdiction of the OCD and cannot be considered. Land use issues are the sole jurisdiction of local or county governments. In addition, the movement of goods and materials across state lines is protected by the commerce clause of the U.S. Constitution and may not be subject to OCD regulation.

If you have any questions or comments, please do not hesitate to contact me at (505) 827-7152.

Sincerely:

Roger C. Anderson, Chief
Environmental Bureau

xc: OCD Hobbs
Rhino Environmental Services, Inc.

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

January 30, 1998

Mr. Antonio Cervantes
405 E. Loa
Hobbs, NM 88240

Re: Commercial Landfarm Permit Application
Rhino Environmental Services, Inc.
SE/8 of SE/4 & SW/4 of SE/4 of Section 11, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico

Dear Mr. Cervantes:

The Oil Conservation Division (OCD) has received your protest to the above referenced landfarm application received by the OCD on November 18, 1997. The OCD has included your name on the list of intervenors in this case and as such you will receive copies of all correspondence concerning the application. The OCD will continue to process the application until it is determined to be administratively approvable or denied. If the permit is administratively denied, the applicant will be notified and it will be its responsibility to request a hearing appealing the denial if it so desires. If the application is determined to be administratively approvable, the OCD will notify the applicant and all intervenors of the conditions under which the permit could be issued. All intervenors will be allowed fifteen (15) days from receipt of the determination to submit final comments on the conditions or request a public hearing in lieu of administrative approval. A request for a public hearing must be in writing and must include the reasons why a hearing should be held.

The OCD would appreciate your input on all environmental and public health issues relating to the application. Please be advised that land use concerns are not within the jurisdiction of the OCD and cannot be considered. Land use issues are the sole jurisdiction of local or county governments. In addition, the movement of goods and materials across state lines is protected by the commerce clause of the U.S. Constitution and may not be subject to OCD regulation.

If you have any questions or comments, please do not hesitate to contact me at (505) 827-7152.

Sincerely:

Roger C. Anderson, Chief
Environmental Bureau

xc: OCD Hobbs
Rhino Environmental Services, Inc.

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

January 15, 1998

Mr. Juan Huerta
300 East Lea Street
Hobbs, NM 88240

Re: Commercial Landfarm Permit Application
Rhino Environmental Services, Inc.
SE/8 of SE/4 & SW/4 of SE/4 of Section 11, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico

Dear Mr. Hazelwood:

The Oil Conservation Division (OCD) has received your protest to the above referenced landfarm application received by the OCD on November 18, 1997. The OCD has included your name on the list of intervenors in this case and as such you will receive copies of all correspondence concerning the application. The OCD will continue to process the application until it is determined to be administratively approvable or denied. If the permit is administratively denied, the applicant will be notified and it will be its responsibility to request a hearing appealing the denial if it so desires. If the application is determined to be administratively approvable, the OCD will notify the applicant and all intervenors of the conditions under which the permit could be issued. All intervenors will be allowed fifteen (15) days from receipt of the determination to submit final comments on the conditions or request a public hearing in lieu of administrative approval. A request for a public hearing must be in writing and must include the reasons why a hearing should be held.

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If you have any questions or comments, please do not hesitate to contact me at (505) 827-7152.

Sincerely:

Roger C. Anderson, Chief
Environmental Bureau

xc: OCD Hobbs
Rhino Environmental Services, Inc.

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

January 15, 1998

Mr. Kevin and Ms. Phyllis Mattingly
221 Victoria Lane
Hobbs, NM 88240

Re: Commercial Landfarm Permit Application
Rhino Environmental Services, Inc.
SE/8 of SE/4 & SW/4 of SE/4 of Section 11, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico

Dear Mr. and Ms. Mattingly

The Oil Conservation Division (OCD) has received your protest to the above referenced landfarm application received by the OCD on November 18, 1997. The OCD has included your name on the list of intervenors in this case and as such you will receive copies of all correspondence concerning the application. The OCD will continue to process the application until it is determined to be administratively approvable or denied. If the permit is administratively denied, the applicant will be notified and it will be its responsibility to request a hearing appealing the denial if it so desires. If the application is determined to be administratively approvable, the OCD will notify the applicant and all intervenors of the conditions under which the permit could be issued. All intervenors will be allowed fifteen (15) days from receipt of the determination to submit final comments on the conditions or request a public hearing in lieu of administrative approval. A request for a public hearing must be in writing and must include the reasons why a hearing should be held.

The OCD would appreciate your input on all environmental and public health issues relating to the application. Please be advised that land use concerns are not within the jurisdiction of the OCD and cannot be considered. Land use issues are the sole jurisdiction of local or county governments. In addition, the movement of goods and materials across state lines is protected by the commerce clause of the U.S. Constitution and may not be subject to OCD regulation.

If you have any questions or comments, please do not hesitate to contact me at (505) 827-7152.

Sincerely:

Roger C. Anderson, Chief
Environmental Bureau

xc: OCD Hobbs
Rhino Environmental Services, Inc.

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

January 15, 1998

Ms. Wilma Hardin
P.O. Box 5458
Hobbs, NM 88240

Re: Commercial Landfarm Permit Application
Rhino Environmental Services, Inc.
SE/8 of SE/4 & SW/4 of SE/4 of Section 11, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico

Dear Ms. Hardin:

The Oil Conservation Division (OCD) has received your protest to the above referenced landfarm application received by the OCD on November 18, 1997. The OCD has included your name on the list of intervenors in this case and as such you will receive copies of all correspondence concerning the application. The OCD will continue to process the application until it is determined to be administratively approvable or denied. If the permit is administratively denied, the applicant will be notified and it will be its responsibility to request a hearing appealing the denial if it so desires. If the application is determined to be administratively approvable, the OCD will notify the applicant and all intervenors of the conditions under which the permit could be issued. All intervenors will be allowed fifteen (15) days from receipt of the determination to submit final comments on the conditions or request a public hearing in lieu of administrative approval. A request for a public hearing must be in writing and must include the reasons why a hearing should be held.

The OCD would appreciate your input on all environmental and public health issues relating to the application. Please be advised that land use concerns are not within the jurisdiction of the OCD and cannot be considered. Land use issues are the sole jurisdiction of local or county governments. In addition, the movement of goods and materials across state lines is protected by the commerce clause of the U.S. Constitution and may not be subject to OCD regulation.

If you have any questions or comments, please do not hesitate to contact me at (505) 827-7152.

Sincerely:

Roger C. Anderson, Chief
Environmental Bureau

xc: OCD Hobbs
Rhino Environmental Services, Inc.

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

January 15, 1998

Mr. Bill Hazelwood
RR69, 42380 State Hwy 18
Hobbs, NM 88240

Re: Commercial Landfarm Permit Application
Rhino Environmental Services, Inc.
SE/8 of SE/4 & SW/4 of SE/4 of Section 11, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico

Dear Mr. Hazelwood:

The Oil Conservation Division (OCD) has received your protest to the above referenced landfarm application received by the OCD on November 18, 1997. The OCD has included your name on the list of intervenors in this case and as such you will receive copies of all correspondence concerning the application. The OCD will continue to process the application until it is determined to be administratively approvable or denied. If the permit is administratively denied, the applicant will be notified and it will be its responsibility to request a hearing appealing the denial if it so desires. If the application is determined to be administratively approvable, the OCD will notify the applicant and all intervenors of the conditions under which the permit could be issued. All intervenors will be allowed fifteen (15) days from receipt of the determination to submit final comments on the conditions or request a public hearing in lieu of administrative approval. A request for a public hearing must be in writing and must include the reasons why a hearing should be held.

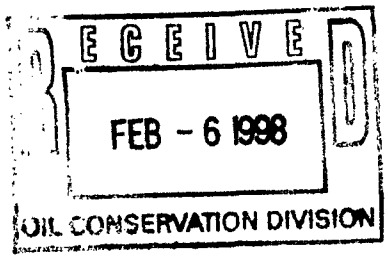
The OCD would appreciate your input on all environmental and public health issues relating to the application. Please be advised that land use concerns are not within the jurisdiction of the OCD and cannot be considered. Land use issues are the sole jurisdiction of local or county governments. In addition, the movement of goods and materials across state lines is protected by the commerce clause of the U.S. Constitution and may not be subject to OCD regulation.

If you have any questions or comments, please do not hesitate to contact me at (505) 827-7152.

Sincerely:

Roger C. Anderson, Chief
Environmental Bureau

xc: OCD Hobbs
Rhino Environmental Services, Inc.



January 20, 1998

Director
Oil Conservation Division
NM Energy, Minerals & Natural Resources
2040 South Pacheco Street
Santa Fe, NM 87505

RE: COMMERCIAL LANDFARM

Dear Director:

I would like to request a public hearing in regards to the proposed Commercial Landfarm site that will be located in the SE/8 of SE/4 & SW/4 of SE/4 of Section 11, T20S, R38E, Lea County, New Mexico.

I am opposed to the Commercial Landfarm due to the fact that our drinking water and the livestock could be affected in the process of having the landfarm.

Thank you for your consideration.

Sincerely,

Adrian Zamora

January 20, 1998

Director
Oil Conservation Division
NM Energy, Minerals & Natural Resources
2040 South Pacheco Street
Santa Fe, NM 87505

RE: COMMERCIAL LANDFARM

Dear Director:

I would like to request a public hearing in regards to the proposed Commercial Landfarm site that will be located in the SE/8 of SE/4 & SW/4 of SE/4 of Section 11, T20S, R38E, Lea County, New Mexico.

I am opposed to the Commercial Landfarm due to the fact that our drinking water and the livestock could be affected in the process of having the landfarm.

If you have any further questions or comments contact me in the evenings at (505) 393-7445.

Sincerely,

Antonio Cervantes

Antonio Cervantes

AC/ms

NM Energy Minerals
& natural resources
2040 S. Pacheco St.
Santa Fe NM.
87505

January 13, 1998

Director, Oil conservation Division
NM Energy, Minerals & Natural Resources
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Re: Proposed site of Commercial Landfarm

Sir,

I am writing to express my concerns regarding the construction and subsequent operation of a commercial landfarm by Rhino Environmental Services, Inc., 300 Broadway NE, Albuquerque New Mexico 87102 The proposed site is located in the SE/8 of SE/4 & SW/4 of SE/4 of Section 11, T20S, R38E, Lea County New Mexico.

As a resident and landowner within a one mile radius of the proposed site, I am concerned that the odor, pollution of ground water, and blowing dust will cause the area to be undesirable to reside on.

In regards to the groundwater issue, my watertable is only fourty (40) feet deep, so the leeching of waste is a environmental and health concern. Furthermore, the City of Hobbs currently operates a sewage facility north of the proposed site within one mile. With prevailing south winds the odor issue is somthing that needs to be addressed. And finally the issue of blowing dust that such an operation will surely create also needs to be examined.

I, we, the residents and landowners of the area would like to request a public hearing concerning this matter as soon as possible. Please notify us of the hearing date.

Sincerely, B.D. Hazelwood

Bill Hazelwood
RR69,42380 State Hwy 18
Hobbs NM. 88240
Tract B, NW Quarter Sec11
Township 20, South Range 38 E, N.M.P.M.
Lea County NM.

Wilma Hardin
P.O. Box 5458
Hobbs NM. 88240
Tract B, NW Quarter Sec11
Township 20, South Range 38 E, N.M.P.M.
Lea County NM.

Kevin & Phyllis Mattingly
221 Victoria Lane
Hobbs NM. 88240
Nw Quarter Sec11
Township 20, South Range 38 E, N.M.P.M.
Lea County NM.

Juan Huerta
300 East Lea Street
Hobbs NM. 88240

MEMORANDUM OF CONVERSATION

✓ TELEPHONE ___ PERSONAL TIME 11:00 DATE 1/5/98

ORIGINATTING PARTY Martyne Kieling

OTHER PARTIES Daniele Bevadelli

DISCUSSION New Rhino OCD Landfarm Permit Application

Request For additional Information as to Depth to water and Location of Nearby Wells

In Addition Her Draft letter to to Surrounding Landowners looks Good.

CONCLUSIONS Daniele B. will Send More Info.

[redacted] Martyne Kieling

RHINO
Environmental Services, Inc.
300 Broadway NE • Albuquerque, New Mexico 87102
(505) 242-6464 • Fax (505) 247-4941
5 County Road 6065 • Farmington, New Mexico 87401
(505)598-9626 • Fax (505) 598-9627

November 17, 1997

Ms. Martyne J. Kieling
New Mexico Energy, Minerals, and Natural Resources Department
OIL CONSERVATION DIVISION - ENVIRONMENTAL BUREAU
2040 South Pacheco Street
Santa Fe, New Mexico 87505
Ph: (505) 827-7153
Fx: (505) 827-8177

Re: New Permit Application
Lea County, New Mexico

Dear Ms. Kieling:

Rhino Environmental Services, Inc. (Rhino) currently owns and operates a 200 acre landfarm permitted by the New Mexico Environment Department (NMED). Rhino would like to section off a sixty acre portion of this property to be used exclusively for the treatment of soils regulated by the Oil Conservation Division (OCD). The farms will be maintained separately and there will be absolutely no commingling of NMED and OCD soils.

As much of the information requested by OCD is similar to that required by NMED, I am submitting some of the same material gathered during the original investigation.

Enclosed for your review is the Application For Waste Management Facility - Form C-137, which has been provided in duplicate for the Santa Fe office (one copy shall be sent to the Hobbs District Office - I) in accordance with your request.

Rhino appreciates your time and consideration. Please don't hesitate to call me if you have any questions or require additional information.

Sincerely,

Daniele Berardelli
Landfarm Manager

CC: Mr. Wayne Price
OCD District - I
Hobbs, New Mexico

O. Box 1980
obbs, NM 88241-1980
istrict II - (505) 748-1283
1 S. First
tesia, NM 88210
istrict III - (505) 334-6178
00 Rio Brazos Road
tec, NM 87410
istrict 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 8/8/95
Revised 6/25/97

Submit Original
Plus 1 Copy
to Santa Fe
1 Copy to appropriate
District Office

APPLICATION FOR WASTE MANAGEMENT FACILITY

(Refer to the OCD Guidelines for assistance in completing the application)

[X] Commercial [ ] Centralized

1. Type: [ ] Evaporation [ ] Injection [ ] Other _____
   [X] Solids/Landfarm [ ] Treating Plant

2. **Operator:** Rhino Environmental Services, Inc.
   Address: P.O. Box 25547, Albuquerque, New Mexico 87125 (505) 242-6464
   Contact Person: Daniele Berardelli **Phone:** (505) 598-9626

3. **Location:** SE/8 of SE/4 & SW/4 of SE/4 **Section** 11 **Township** 20 South **Range** 38 East
   Submit large scale topographic map showing exact location Please see Attachment A

4. Is this a modification of an existing facility? [ ] Yes [X] No

5. **Attach the name and address of the landowner of the facility site and landowners of record within one mile of the site.**
   Please see Attachment B

6. **Attach description of the facility with a diagram indicating location of fences, pits, dikes, and tanks on the facility.**
   Please see Attachment C

7. **Attach designs prepared in accordance with Division guidelines for the construction/installation of the following: pits or ponds, leak-detection systems, aerations systems, enhanced evaporation (spray) systems, waste treating systems, security systems, and landfarm facilities.**
   Please see Appendix I

8. **Attach a contingency plan for reporting and clean-up for spills or releases.**
   Please see Appendix I

9. **Attach a routine inspection and maintenance plan to ensure permit compliance.**
   Please see Appendix I

10. **Attach a closure plan.**
    Please see Appendix I

11. **Attach geological/hydrological evidence demonstrating that disposal of oil field wastes will not adversely impact groundwater. Depth to and quality of ground water must be included.**
    Please see Appendix I

12. **Attach proof that the notice requirements of OCD Rule 711 have been met.**
    Please see Appendix I

13. **Attach a contingency plan in the event of a release of H_2S.**
    Please see Appendix I

14. **Attach such other information as necessary to demonstrate compliance with any other OCD rules, regulations and orders.**

15. **CERTIFICATION**

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

Name: Steve Dyer Title: President

Signature: Steve Dyer Date: November 17, 1997

APPENDIX I: Application For Waste Management Facility - Form C-137

Application For Waste Management Facility - Form C-137

3. Topographic / Facility Maps

Please see Attachment A.

5. (a) The names and addresses of the owner, applicant and all principal officers of the business;
Owner: Steve Dyer
Applicant: Steve Dyer and Rhino Environmental Services, Inc.
300 Broadway NE, Albuquerque, New Mexico 87102
P.O. Box 25547, Albuquerque, New Mexico 87125
Principal: Steve Dyer (address is the same)

(b) Landowners within one mile.
Please see Attachment B.

6. Description of the facility.

Sixty acres will be sectioned off and surrounded by fencing. Five acre treatment cells will be constructed, bermed and maintained to prevent runoff and runon (see Attachment C).

7. Design of landfarm facility.

(a) The facility will be fenced and have a sign at the entrance. The sign will be legible from at least 50 feet and will contain the following information: name of facility, location by section, township and range, and emergency phone number.
(b) An adequate berm will be constructed and maintained to prevent runoff and runon for that portion of the facility containing contaminated soils.
(c) Buffer zones will be in place of a sufficient size to allow for a road and drainage around the facility.
(d) The OCD will be notified of the installation of any pipelines or wells within the boundaries of the facility.
(e) All above ground tanks located at the facility and containing materials other than fresh water will be bermed to contain one and one-third the volume of the largest tank or all interconnected tanks.

8. Contingency plan for reporting a cleanup of spills or releases;

No spills or releases are anticipated at the facility. The only water allowed on site is used for the purposes of bioremediation and dust control. In the event that a spill or release does occur, the OCD will be notified in accordance with Rule 116.

9. Routine inspection and maintenance plan;

Fences, berms and treatment cells will be inspected frequently. Berms shall be maintained in a manner to prevent erosion from inside or outside the treatment area. Lifts will be inspected to ensure the maximum of six inches is not exceeded. Cells will be checked for any pooling or ponding. The landfarm will also be surveyed for trash or plastic. Any repairs or general maintenance will be performed immediately.

Comprehensive records of all materials accepted into the facility will be maintained by the landfarm manager and made available to the OCD upon request.

General operation and maintenance procedures can be found in more detail listed under item (14) Plan for Management of Approved Wastes.

10. Closure plan and cost estimate to close the facility;

(a) Closure Plan
OCD will be notified thirty (30) days prior to intent to cease accepting material and close the

facility. Existing soils will be remediated until they meet the OCD standards in effect at the time of closure. Cleanup of constructed facilities will be complete within 12 months, unless an extension is granted by the Director of the OCD.

Restoration of the facility location will take place within the following six months, unless an extension is granted by the Director of the OCD. The area will be reseeded with indigenous grasses and allowed to return to its natural state.

Closure will be pursuant to all OCD requirements in affect at the time of closure, and other applicable state or federal regulations.

(b) Cost Estimate

Attachment D is a cost estimate provided by Western Environmental Services, Inc. for Rhino's Goo Yea Commercial Landfarm. Rhino is requesting that OCD accept this closure estimate as representative of the costs which might be incurred to close the proposed facility as well, provided no more than four cells are active.

11. Geological/hydrogeological evidence demonstrating that disposal of oilfield wastes will not adversely impact groundwater.

Enclosed as Attachment E is the geological/hydrogeolgical information gathered as part of Rhino's application to NMED's Ground Water Section. Rhino would like to add that this particular piece of property was investigated by NMED and has been permitted for use as a landfarm facility. Summary sheets of Rhino's permit to operate a landfarm at the proposed location is enclosed as part of Attachment E. In the event that OCD would like to contact NMED for more information, Rhino would like to notify the Division that our current reviewer is Ms. Vicky Maranville at (505) 827-0652.

12. Notice requirements of OCD Rule 711.

Rhino awaits further instruction from OCD, but will adhere to all requirements.

13. Hydrogen Sulfide (H_2S) prevention and contingency plan to protect public health;

Due to the nature of operations and materials accepted at a landfarm facility, no hydrogen sulfide problems are expected. In the event that such a problem is encountered, adherence to OCD Rule 118 will apply.

14. Plan for management of approved wastes;

(a) Once material has been approved for acceptance into the facility, the following shall occur:

i. Material will be accepted only when an attendant is present. The facility will be secured during all other times.
ii. All contaminated soils will be disked within 72 hours of receipt (unless prevented by extenuating circumstances, such as bad weather conditions).
iii. Soils will be spread in six inch lifts or less.
iv. Soils will be disked once every two weeks to enhance biodegradation.
v. Successive lifts of contaminated soils will not be spread until a laboratory reports the level of TPH in the previous lift as less than 100 ppm, the total BTEX as less than 50 ppm and the benzene concentration as less than 10 ppm. Comprehensive records of laboratory analysis and sample locations will be maintained by Rhino's Landfarm Manager. Authorization from the OCD will be obtained prior to the spreading of successive lifts and/or removal of remediated soils.

vi. The facility is authorized to accept only:
   a. Oilfield contaminated solids which are exempt from RCRA Subtitle C regulations.
   b. Non-exempt, non-hazardous oilfield contaminated soil (acceptance is on a case by case basis, only after OCD approval).
   c. Other non-oilfield contaminated soils which are RCRA exempt or non-hazardous by characteristic testing (only on an emergency basis if ordered by the Department of Public Safety).

vii. At no time will the landfarm accept wastes which are hazardous by either testing or listing.

viii. All loads received will be accompanied by the following:
   a. A "Certification of Waste Status" signed by the generator or a "Verification of Waste Status" issued by the New Mexico Environment Department (NMED) or appropriate agency from another state for wastes regulated by that agency.
   b. The analytical results of Hazardous Waste Characterization for non-exempt waste including reactivity, corrosivity, ignitability (RCI) and toxic constituents and a certification that no listed hazardous wastes are contained within the material. Samples will be collected before material is
   removed from the generators facility an without dilution in accordance with EPA SW-846 sampling procedures.

ix. The transporter of all wastes to the facility will supply certification that wastes delivered are those wastes received from the generator and that no additional materials have been added.

x. Moisture will be added as necessary to enhance biodegradation and to control blowing dust. There will be no ponding, pooling or runoff. Any ponding of precipitation will be removed within seventy-two (72) hours of discovery.

xi. Enhanced bioremediation through the application of microbes and/or fertilizers will only be permitted after prior approval from the OCD. Request for the application of microbes must include the location of the area designated for the bioremediation program, composition of additives, and the method, amount and frequency of application.

xii. No free liquids or soils with free liquids will be accepted at the facility.

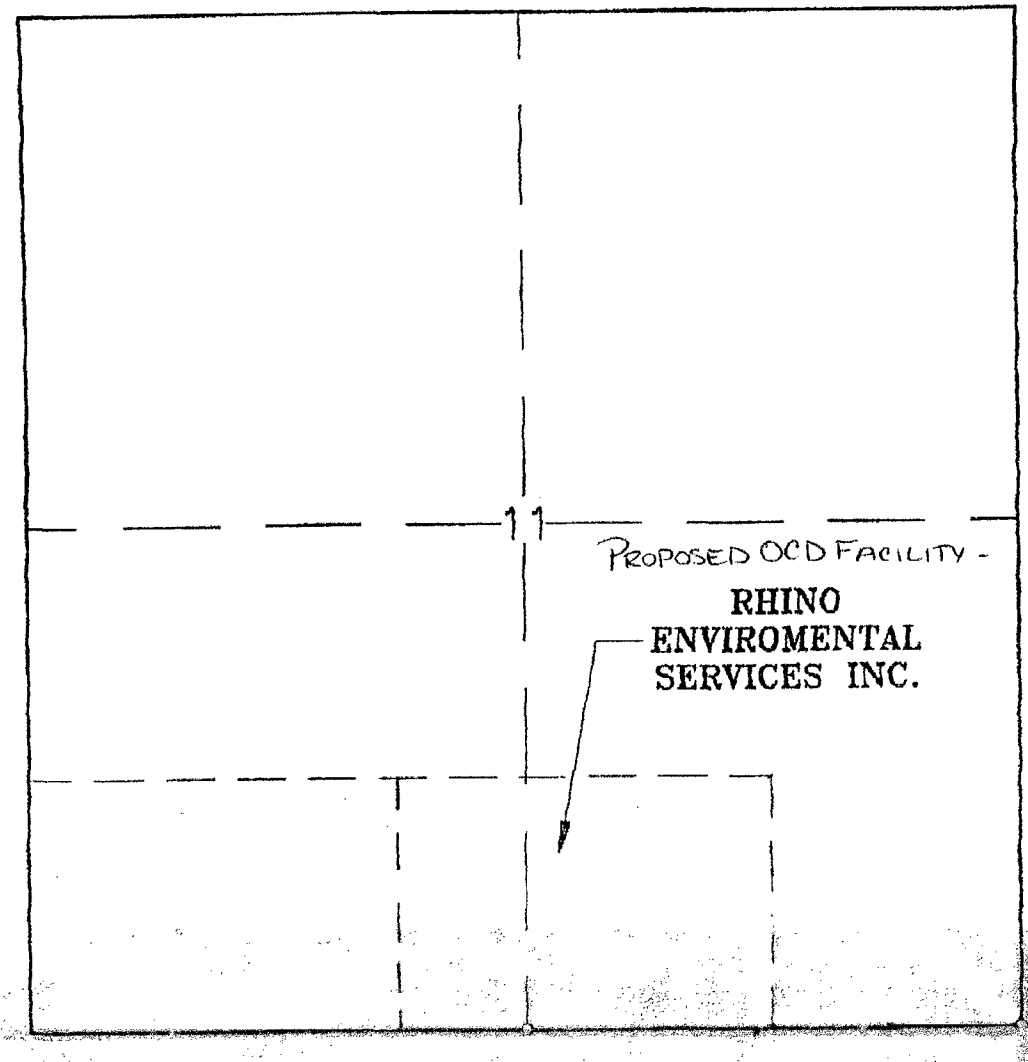
xiii. Comprehensive records of all materials received at the facility will be maintained by the landfarm manager. The records for each load will include:
   a. Origin
   b. Date received
   c. Quantity
   d. Exempt or non-exempt status and analyses if required
   e. Transporter
   f. Exact cell location and any addition of microbes, fertilizers, etc.

NOR IM

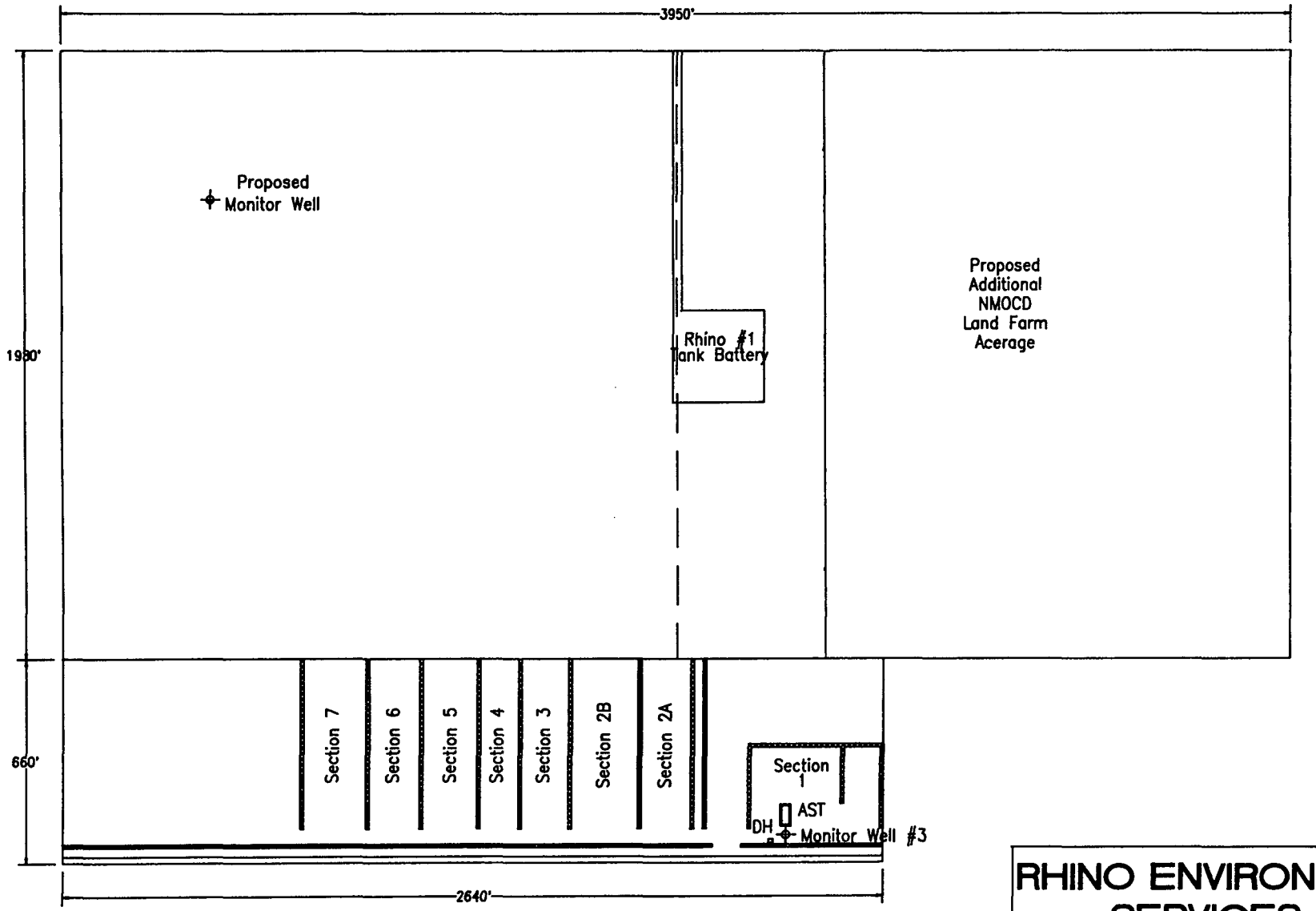
ATTACHMENT A - Topographic and Facility Maps

First Map - Large Scale Topographic
Second Map - Proposed Landfarm Location.
Third Map - Facility Map

SECTION 11, TOWNSHIP 20 SOUTH, RANGE 38 EAST, N.M.P.M.,
LEA COUNTY. NEW MEXICO



RHINO ENVIRONMENTAL SERVICES, Inc.			
Land Farm DP-619 Proposed Addition Sec. 11, Sec. 14, T20S, R38E Lea Co., New Mexico			
DATE: 10-28-97	DRAWN M.F.G.	REV. DATE	DIV
SCALE: 1" =/000'		JOB #	
DRAWING 2 OF 2		FILE:	



AST = Aboveground Storage Tanks
DH = Dog House
▩ = Berm

RHINO ENVIRONMENTAL SERVICES, Inc.

Land Farm DP-619
Proposed Addition
Sec. 11, Sec. 14, T20S, R38E
Lea Co., New Mexico

DATE: 10-28-97	DRAWN M.F.G.	REV. DATE	DIV
SCALE: 1" = 500'		JOB #	
DRAWING 2 OF 2		FILE:	

ATTACHMENT B - Landowners of Record

Landowners of Record - One Mile Radius

Section 01, T20S, R38E

Deck, Millard Estate #4193
Nations Bank of Texas
1777 NE Loop 410, Suite 1250
San Antonio, Texas 78217

Section 02, T20S, R38E

City of Hobbs
PO Box 1117
Hobbs, New Mexico 88241

Charles R. Myers
ST RT A Box 189
Hobbs, New Mexico 88240

Conoco, Inc.
PO Box 1267
Ponca City, OK 74603

Clyde Arsbon
219 West Anne
Hobbs, NM 88240

Lida Beatrice Meyers
Star RT A Box 142
Hobbs, NM 88240

Roy N. Magee
8830 Eunice Hwy.
Hobbs, NM 88240

Section 03, T20S, R38E

W. O. Collins
Peggy Wright
7632 Pontiac Place
Albuquerque, NM 87105

Felix Ramirez
PO Box 215
Humble, TX 77347

Ruth G. Thompson
2700 Windsor Blvd.
Oklahoma, OK 73127

Bruce Morris Holding Co.
6253 Hollywood Blvd., #614
Los Angeles, CA 90028

Marvin J. Haynes
2 Wisconsin Circle, Suite 400
Chevy Chase, MD 20815

Larry Maddux
PO Box 93
Junction, TX 76849

Leon Nowalsky
Charles Cabibi
711 Aurora Ave., Suite A
Metairie, LA 70005

Lee M. Roberts
Star RT A, Box 187
Hobbs, NM 88240

Section 10, T20S, R38E

Robert McCasland
PO Box 206
Eunice, NM 88231

Section 11, T20S, R38E

R. E. Hudson

Lovington, NM 88260

Cedar Crest Properties
Russell R. Young Jr.
320 E. Lea
Hobbs, NM 88240

R. E. Hudson
John E. Tawney
PO Box 641
Jal, NM 88252

Dan Hardin
206 Stanolind Rd.
Hobbs, NM 88240

Bill R. Melot
Antonio Cervantes
405 E. Lea
Hobbs, NM 88240

Sabino Calvillo
1217 Landfill Rd.
Hobbs, NM 88240

Carl Greenwood
Victor Reza
PO Box 627
Hobbs, NM 88240

Section 12, T20S, R38E

Bobbi Joey Nuttall
Lilly Mae Teel
615 E. Skelly
Hobbs, NM 88240

Section 13, T20S, R38E

No new names

Section 14, T20S, R38E

Jenex Operating Co.
1433 17th, Suite 220
Denver, Co 80202

E. E. Taylor
PO Box 703
Hobbs, NM 88241

PO Box 703
Hobbs, NM 88241

Cedar Crest Properties
Abe Neufeld
2805 Rose Rd.
Hobbs, NM 88240

E. R. Taylor
PO Box 1461
Hobbs, NM 88240

Cedar Crest Properties
Efrain Rodriguez
600 E. Mesquite
Hobbs, NM 88240

Reuben Calvillo
Debbie Dominguez
ST RT A Box 191
Hobbs, NM 88240

Juan Huerta
300 E. Lea
Hobbs, NM 88240

Petroleum Processing
A. A. Hill, Jr.
PO Box 308
Hobbs, NM 88241

Jewell B. and Donald M Caldwell

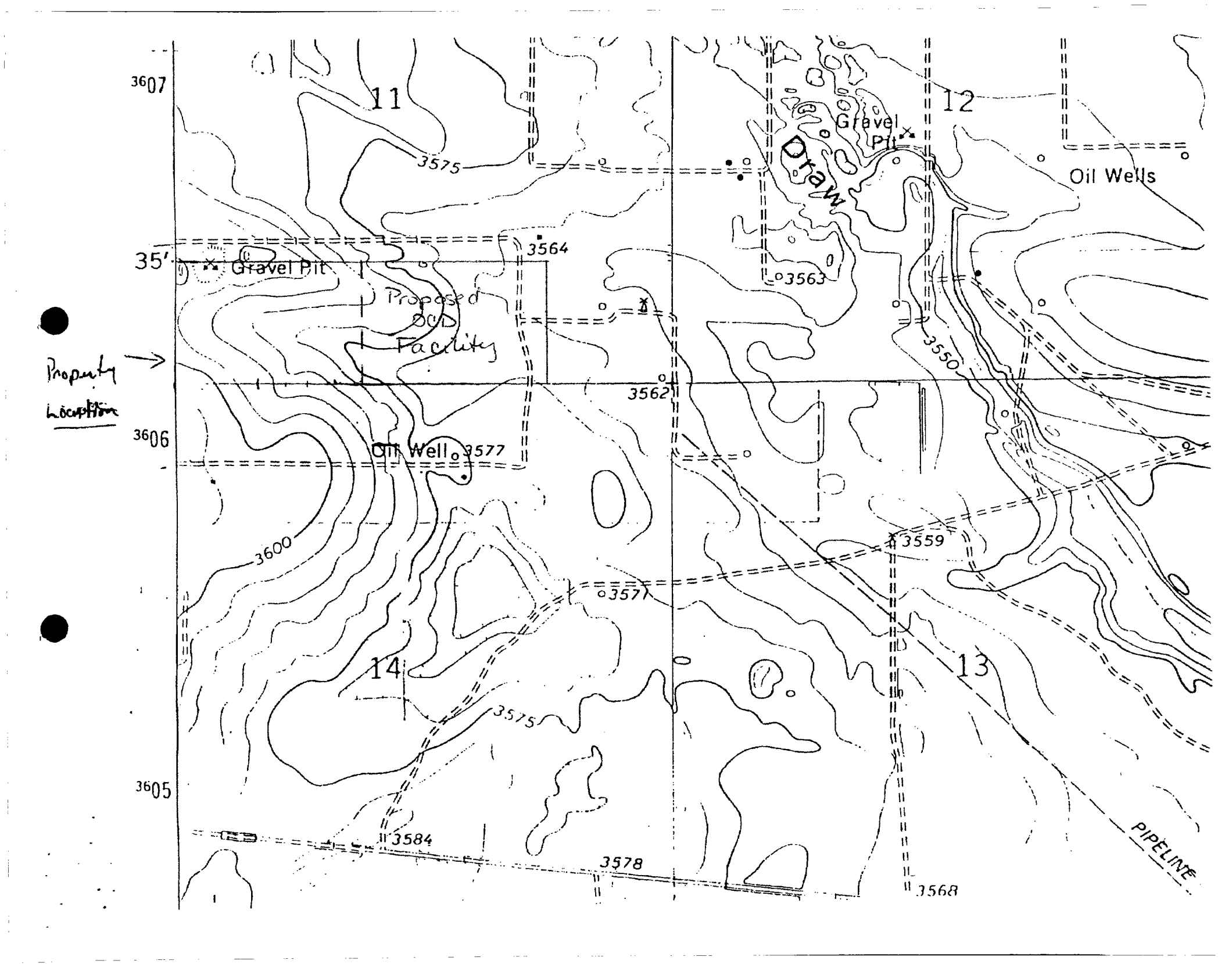
Ernest L. Dickerson & Bill R. Melot
PO Box 5153
Hobbs, NM 88241

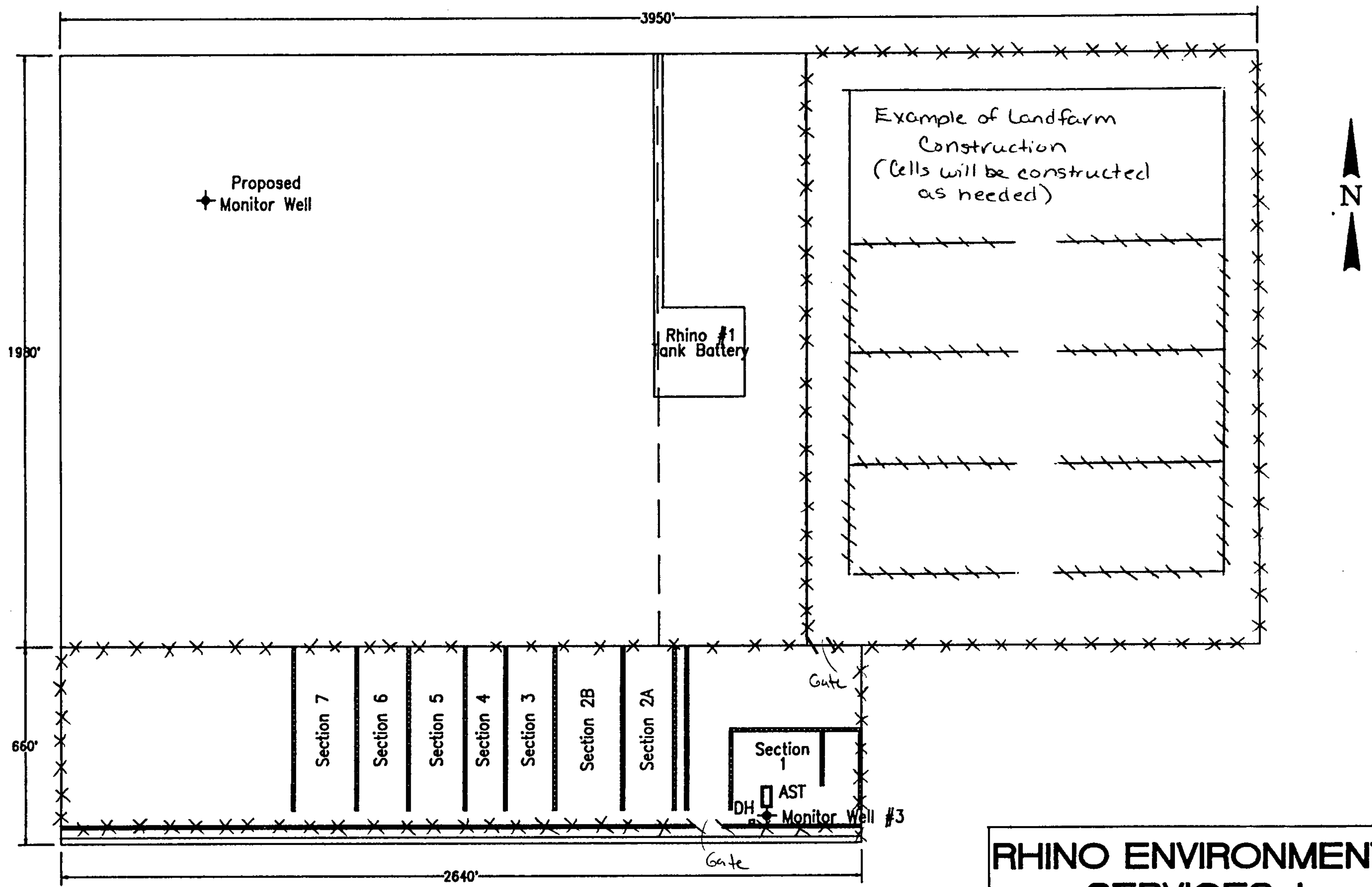
Section 15, T20S, R38E

Robert A. McCasland
Dallas M. McCasland
PO Box 206
Eunice, NM 88231

M. H. McGrail
Sunwest Bank of Albuquerque
PO Box 26900
Albuquerque, NM 87125

ATTACHMENT C - Example of Landfarm Construction


3607
11
12
3575
Gravel Pit
Draw
Oil Wells
35'
3564
Gravel Pit
3563
Proposed
OCD
Facility
3550
Property
Location
3562
3606
Oil Well
3577
3600
3559
3571
14
13
3575
3605
3584
3578
3568
PIPELINE



AST = Aboveground Storage Tanks
DH = Dog House
= Berm
= Proposed Berms
= Fence
= Gate

RHINO ENVIRONMENTAL SERVICES, Inc.

Land Farm DP-619
Proposed Addition
Sec. 11, Sec. 14, T20S, R38E
Lea Co., New Mexico

DATE: 10-28-97	DRAWN M.F.C.	REV. DATE	DIV
SCALE: 1" = 500'		JOB #	
DRAWING 2 OF 2		FILE:	

ATTACHMENT D - Cost Estimate for Closure

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816
Hobbs, New Mexico 88241

Phone (505) 392-5021
Fax (505) 397-2597

September 1, 1997

Rhino Environmental Services, Inc.
P.O. Box 25547
Albuquerque, NM 87125

Attn.: Daniele Berardelli

Re: Cost estimate to close Goo Yea

Dear Ms Berardelli

Western Environmental Consultants (WEC) would like to take this time to thank you and Rhino Environmental for the opportunity to be of service, on the closure of the Goo Yea land farm, located north of Bronco. Please find below a brief outline and cost estimate to close the site.

Scope of Work

WEC will close the site over a 18 month period, (12 months to remediate the soils and 6 months to return the site back to original state). Closure of the site will be done by disking the soils until closure levels have been met for the state OCD.

Cost Estimate

Disking twice a month for 12 months @ 600.00/mo (24 months)	7,200.00	35,100
Moisture addition once a month for 12 months @ 300.00/mo	3,600.00	OCD 12,960
Analysis one composite sample per cell @ 120.00/cell x 6	720.00	10,080 + labor 4,180 = 14,260 OCD
Dirt work to level berms and restore site	10,000.00	OCD 5,100
Reseed with BLM # 2 range grass @ 80.00/acer x 20	1,600.00	3400
Water truck to get grass up 2 x / week for 3 weeks	1,800.00	OCD 3,900
TOTAL ESTIMATED COST	**24,920.00**	

If you have any questions or need more data on this project please call at any time 505-392-5021

Sincerely,

Allen Hodge, REM
VP Operations
Western Environmental Consultants

ATTACHMENT E - Geological/Hydrological Evidence

DEPTH TO WATER INFORMATION

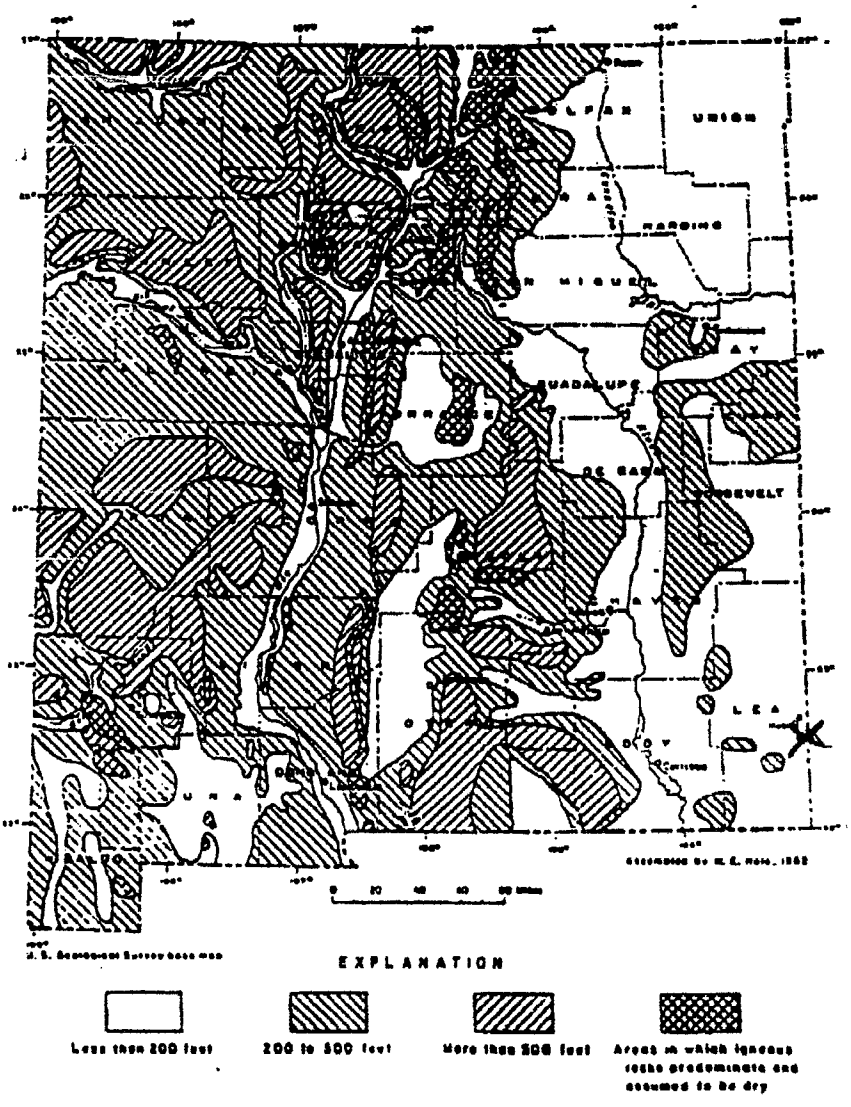


FIGURE 81.—Depth to ground water in New Mexico.

Q? Sec 1, 2, 3, 10, 15

RHINO TANK & LINE TESTING, INC.

All this information was obtained from State Engineer's Office, pages 688, 689, 690, 691, 692 of Lea County Water Well/Table Book:

Section 11
Range 38
Township 20S

Well tested in 1981. Dry well. This property is 2.5 miles SE.

Section 23

No record of any wells.

Section 24

1 abandoned well. Dry hole.

Section 13

Stock well. Dry hole.

Section 19

115' well tested in 1981. Dry well. Abandoned.

All wells around the immediate area are dry or abandoned with the exception of 1 well in Section 12 which is NE of property and this well will accumulate enough to pump day to day. Very poor well.

Depth to water?

Need to Location map?

EADES DRILLING & PUMP SERVICE

LICENSES
Gene: TX 1853 NM 982 Alan: TX 2330 NM 1044
Irrigation - Domestic - Test Holes

1335 ~~1225~~ Katy Lane
Hobbs, N.M. 88240
(505) 392-2457

Route 4 Box 364
Tahoka, TX. 79373
(806) 924-7532

Monitor well #2

WELL LOG Steve Dyer

P.O. Box 2327 Hobbs, NM 88241

From	To	FORMATION
0	2	Topsoil
2	12	Caliche
12	22	"
22	32	Red clay + rock
32	42	Sand
42	52	"
52	55	"
55	57	Sandy clay
57	67	Red Bed
67	77	" "
77	87	" "
87	97	" "
97	107	" "
107	117	" "
117	120	" "
120	TD	
		10' 2" screen .008

Date 3-24-89 Driller Alan Eades

EADES DRILLING & PUMP SERVICE

LICENSES
Gene: TX 1853 NM 982 Alan: TX 2330 NM 1044
Irrigation - Domestic - Test Holes

1335 ~~1225~~ Katy Lane
Hobbs, N.M. 88240
(505) 392-2457

Route 4 Box 364
Tahoka, TX. 79373
(806) 924-7532

Monitor Well #1

WELL LOG Steve Dyer

P.O. Box 2327 Hobbs, NM 88241

From	To	FORMATION
0	2	Topsoil
2	12	Caliche
12	22	" north of PPI
22	32	Red clay rock
32	42	Sand
42	50	"
50	52	Sandy clay
52	62	Red bed
62	72	" "
72	82	" "
82	92	" "
92	102	" "
102	112	" "
112	120	" "
120'	TD	
		10' 2" screen .008

Date 3-24-89 Driller Alan Eades

GROUND WATER QUALITY

SALINE GROUND WATER IN THE TULAROSA BASIN, NEW MEXICO*

by

J. S. McLEAN
U.S. Geological Survey
Albuquerque, New Mexico

The saline water in the Tularosa Basin has recently become of interest as a source of feed water for desalting plants. A study of this resource has been conducted by the U.S. Geological Survey for the Office of Saline Water (McLean, 1970). Some of the many previous studies include those of Conover and others (1955), Cooper (1965), Herrick and Davis (1965), and Garza and McLean (1972). Other studies and test drilling for White Sands Missile Range have provided data on the extent of the saline water zones.

The complexly faulted graben of the central Tularosa Basin contains more than 6,000 ft of bolson-fill deposits; more than 90 percent of these deposits are saturated with saline water.

Fresh water containing less than 1,000 mg/l (milligrams per litre) dissolved solids occurs only in two zones adjacent to the mountain fronts on the east and west sides of the south part of the basin (Fig. 1). These fresh-water zones supply White Sands Missile Range Headquarters and part of the water requirements of Alamogordo and Holloman Air Force Base. The slightly saline water zone (1,000 to 3,000 mg/l) is utilized by the towns of Carrizozo and Tularosa and also supplies part of the water for irrigation of about 2,500 acres near Tularosa (Garza and McLean, 1972). Water characterized as moderately saline, highly saline, or brine (containing 3,000-10,000, 10,000-35,000, and more than 35,000 mg/l dissolved solids, respectively) is not ordinarily used.

In the southern part of the basin, the slightly and moderately saline zones are zones of transition between the fresh-water lens in the alluvial fans and the moderately to highly saline water in the center of the basin (Fig. 2).

The bolson-fill aquifer is primarily recharged by the ephemeral streams which drain the surrounding mountains and discharge across the permeable alluvial fans at the mouths of steep canyons, and by underflow in these canyons which enters the alluvial fan directly. Flood waters which pass beyond the toe of the alluvial fan are probably evaporated, with little infiltration taking place in the center of the basin.

The quality of the water in the bolson fill is directly related to the rock types exposed in adjacent drainage areas. The dissolved solids content of the water in streams is dependent on the solubility of the rocks in the drainage area. The alluvial fans into which the flood flows infiltrate are composed of alluvium derived from the same drainage area. This alluvium is a source of additional dissolved solids in the ground water. For example, the water in the Rio Tularosa usually contains 1,100-1,700 mg/l dissolved solids, while ground water in the alluvial deposits near Tularosa contains 2,000 to 4,000 mg/l. Figure 1 shows the relationship between water quality and rock types. The freshest water in the basin is at White Sands Missile Range headquarters where a calcium bicarbonate type water containing about 300 mg/l is adjacent to the quartz monzonite of the Organ Mountains. The bolson fill south of Alamogordo near the limestone, dolomite, and sandstone of Paleozoic age contains a calcium bicarbonate or calcium magnesium bicarbonate type water with variable amounts calcium sulfate and an average dissolved solids concentrati of about 700 mg/l. The slightly saline zone in the north part the basin, adjacent to the gypsiferous upper part of the S Andres Limestone and the Yeso Formation is a calcium sulf type water.

Some of the ground water moving through the alluvial fa discharges as springs near the toes of the fans. Evaporati from the shallow water table and from spring discharge p duces a zone of variable salinity near the toes of the alluv fans. Here more saline water locally overlies fresher water. T playa and playa-margin deposits in the center of the basin co tain saline waters which have been highly concentrated evaporation. Locally, some of these waters approach saturat sodium chloride brines. This concentration has been active the past as indicated by the water samples from White San Missile Range test well T-14. This well was drilled to a dep of 6,015 ft about 4 mi northeast of the White Sands Miss Range headquarters. It penetrated mostly fine-grained lake-b deposits to a depth of at least 5,200 ft. Below a depth of 3 ft, the water in these deposits contained from 44,300 112,000 mg/l of dissolved solids (Doty and Cooper, 1970). may infer from this that deep drilling elsewhere in the ba would encounter mostly highly saline water to brine.

Well yields in the bolson deposits are variable and ran from 1,400 gpm (gallons per minute) high on the alluvial f to 100 gpm or less on the toes of the alluvial fans. The tra missivity of the fans is about 1,300 ft^2/day (feet squared day). No aquifer tests have been conducted in the predo inantly fine-grained deposits of the central part of the ba but a wide range of transmissivities can be expected depend on whether silt and clay, fine sand, or bedded gypsum encountered in test wells.

REFERENCES

Conover, C. S., Herrick, E. H., Hood, J. W., and Weir, J. E., Jr., 19 The occurrence of ground water in south-central New Mexico South-Central New Mexico: New Mex. Geol. Soc. Guidebook 6 108-120.

Cooper, J. B., 1965, Ground-water resources of the northern Tular Basin near Carrizozo, Lincoln County, New Mexico: U.S. G Survey HA-193, 1 p.

Doty, G. C., and Cooper, J. B., 1970, Stratigraphic test well T-14, I Area, White Sands Missile Range, Dona Ana County, New Mex U.S. Geological Survey open-file report, 34 p.

Garza, Sergio, and McLean, J. S., 1972, Fresh-water resources of east side of the Tularosa Basin, New Mexico: U.S. Geol. Sur open-file report, 126 p.

Herrick, E. H., and Davis, L. V., 1965, Availability of ground wate the Tularosa Basin and adjoining areas, New Mexico and Texas. Geol. Survey HA-191, 2 p.

McLean, J. S., 1970, Saline ground-water resources of the Tula Basin, New Mexico: Office of Saline Water Research and Devel. P Rept. No. 561, 128 p.

*Publication approved by Director, U.S. Geological Survey.

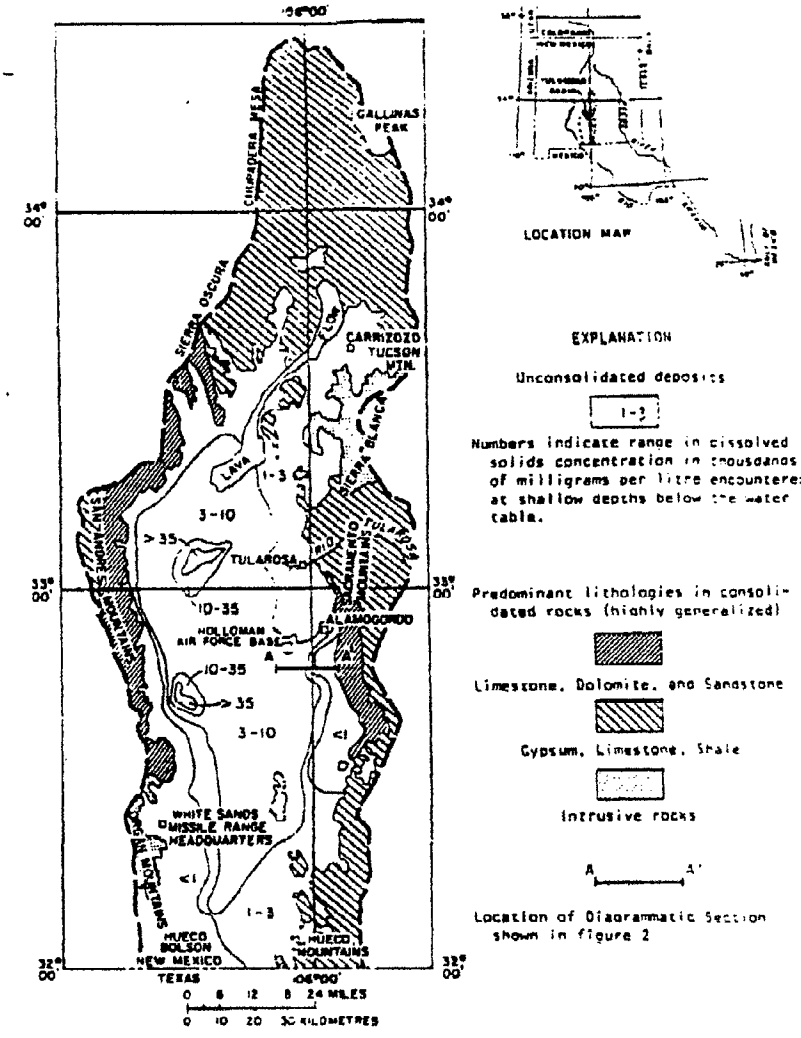


Figure 1. Water-quality zones and consolidated rock lithologies in the Tularosa Basin.

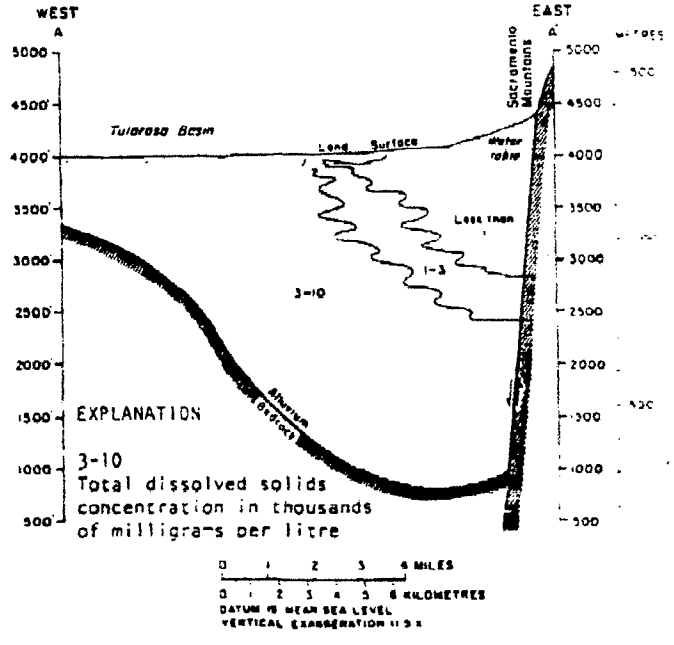


Figure 2. Diagrammatic section A-A' showing water-quality zones south of Alamogordo.

U.S.D.A. SOIL CONSERVATION SERVICE INFORMATION

Moderate shrink-swell potential and low strength limit use of the Armesa soils for urban development.

If irrigation water were available, the Armesa soils would have moderate potential for farming.

PGB—Pintura-Dona Ana complex, 0 to 5 percent slopes. This complex consists of large areas of deep, well drained and somewhat excessively drained soils. These soils are so intermingled that they could not be separated on the low detail map. This complex is on nearly level to undulating, medium textured and coarse textured dunes and the areas between the dunes (fig. 8). Slope on the sides of the coppice dunes is as steep as 80 percent or more. The Pintura soil is on the partly stabilized coppice dunes, and the Dona Ana soil is between the dunes. The soils formed in medium textured to coarse textured eolian material and local alluvial sediment. Mapped areas are wide and somewhat elongated and are 15,000 to 25,000 acres in size. A few irregularly shaped areas are smaller than 1,000 acres.

The somewhat excessively drained Pintura loamy fine sand makes up about 45 percent of each mapped area. Typically, the surface layer is light reddish brown loamy fine sand about 12 inches thick. The substratum is light reddish brown fine sand and loamy fine sand to a depth of more than 60 inches.

This soil is slightly calcareous and mildly alkaline throughout. Permeability is rapid, and available water capacity is low.

The well drained Dona Ana fine sandy loam makes up about 35 percent of each mapped area. Typically, the surface layer is reddish brown fine sandy loam about 3 inches thick. The subsoil is reddish brown sandy clay loam about 18 inches thick. The substratum is pinkish gray sandy clay loam and light reddish brown sandy loam to a depth of more than 60 inches.

This soil is strongly calcareous and moderately alkaline throughout. Permeability is moderate, and available water capacity is high.

Included with this complex in mapping are small areas of Berino and Onite soils in depressional areas between the dunes. Also included are areas of Bluepoint soils on the sides of some dunes and small stabilized pockets throughout the area, small areas of Mimbres soils in old relic playa lake bottoms, and Holloman soils on the northern fringe of mapped areas. These soils formed in coarse and medium textured eolian and alluvial sediment. These soils make up about 20 percent of this complex.

The potential for grazing is low. Grazing management should improve or maintain the plant cover, let litter accumulate, and prevent accelerated soil erosion.

Grazing should be managed to increase the production and reproduction of the desirable warm-season grasses such as black grama, bush muhly, plains bristlegrass, and giant dropseed; forbs such as globemallow, croton, and blanketflower; and shrubs such as Mormon-tea and fourwing saltbush. Periodically deferring grazing dur the summer growing season, June through Septemt improves the vigor and reproduction of the grass Spring rest from grazing encourages the forbs, and and winter rest benefits shrubs. The previous yea growth should be left standing during the windy seas February through May, to prevent excessive wind e sion. Varying the seasons of grazing and rest from y to year maintains a balanced plant community that p vides quality forage all year. Continuous year-long gr ing results in a plant community dominated by mesqu sand sagebrush, yucca, American tarbush, bro snakeweed, and threeawn. Range in this condition is little value for grazing and is subject to accelerated w erosion.

Mechanical range seeding is not feasible on this c plex because of the small probability that the area receive enough precipitation for establishment of se lings. Chemical brush management is preferable to chanical because of the difficulty of establishing r vegetation on disturbed ground. The spread of yu can be checked by letting cows graze while the pl are in flower in May and June. Intensive grazing mana ment that includes fencing, underground plastic p lines, and livestock watering facilities is feasible. Ear pit tanks can be constructed satisfactorily on the inc ed Mimbres soils.

The forage and browse produced on this comple coarse and is most efficiently used by mature c

This complex has low to moderate potential for wil habitat. These soils produce native plants that pro food and cover for scaled and Gambel quail, mour and white-winged dove, and pronghorn antelope.

This complex has low potential for farming. Low av ble water capacity and droughtiness can be overcom frequent irrigation. Only drip or sprinkler systems suitable. The wind erosion hazard is very severe if th soils are cultivated.

PHB—Pintura-Tome-Dona Ana complex, 0 to 5 cent slopes. This complex consists of small to med sized areas of deep, somewhat excessively drained well drained soils. These soils are so intermingled they could not be separated on the low detail map. complex is on large, eroding sand dunes with s sides, on relic lake beds underlain by gypsiferous la trine sediment, and in areas of medium textured ma between dunes. The Pintura soil is on the dunes Tome soil is on the old relic lake beds, and the D Ana soil is between the dunes. Mapped areas are ir larly shaped and are 600 to 6,000 acres in size. Indi al areas of each part range from a fraction of an ac Pintura soil to as much as 50 acres of Tome soil.

The somewhat excessively drained Pintura loamy sand makes up about 30 percent of each mapped Typically, the surface layer is light reddish brown fine sand about 12 inches thick. The substratum is

pores; strongly calcareous; moderately alkaline; clear smooth boundary.

B2ca—8 to 12 inches; pale brown (10YR 6/3) gravelly sandy clay loam, dark yellowish brown (10YR 4/4) moist; weak fine and medium subangular blocky structure; slightly hard, very friable, slightly sticky and slightly plastic; common fine roots; many fine and very fine pores; about 30 percent gravel-size indurated carbonate nodules and 2 percent cobbles of the same material; strongly calcareous; moderately alkaline; clear wavy boundary.

C1ca—12 to 18 inches; pale brown (10YR 6/3) extremely gravelly silt loam, yellowish brown (10YR 5/4) moist; massive; soft, very friable, slightly sticky and nonplastic; common fine roots; many very fine pores; 85 percent cobbles and gravel, cobbles make up 5 percent, and gravel-size carbonate nodules make up 80 percent; strongly calcareous; moderately alkaline; abrupt wavy boundary.

C2cam—18 to 29 inches; white (10YR 8/2) carbonate-cemented material, white (10YR 8/2) moist; massive; extremely hard; upper 1/2 inch is laminar; large cobbles recemented or plugged by carbonates; strongly calcareous; moderately alkaline; clear wavy boundary.

C3ca—29 to 60 inches; white (10YR 8/2) very gravelly silt loam, very pale brown (10YR 7/3) moist; massive; very hard, firm, slightly sticky and slightly plastic; limestone cobbles and gravel coated with thick masses of carbonates, about 55 percent coarse fragments of which 15 percent is cobble size and 40 percent is gravel size, about half of each in the form of hard petrocalcic material; strongly calcareous; moderately alkaline.

Depth to the petrocalcic horizon ranges from 12 to 20 inches. A desert pavement of coarse fragments of extremely hard carbonate nodules generally less than 1/2 inch in diameter covers 20 to 45 percent of the surface.

The A horizon has value of 4 or 5 dry and 3 or 4 moist and chroma of 2 or 3. It is very fine sandy loam, fine sandy loam, or loam.

The B2 horizon has value of 4 to 6 dry and 4 or 5 moist. It is sandy clay loam, gravelly sandy clay loam, or gravelly loam and is less than 25 percent clay. This horizon has weak or moderate fine or medium subangular blocky structure.

The C1ca horizon has value of 6 or 7 dry and 4 to 6 moist and chroma of 3 or 4. It is very gravelly silt loam or very gravelly loam. Gravel is petrocalcic material and makes up 50 to 85 percent of the horizon. Cobbles make up 3 to 5 percent.

The Ccam horizon is continuously cemented except for scattered cracks and pipes of nonindurated material. The C3ca horizon has value of 7 or 8 moist and chroma of 2 or 3 dry. It is very gravelly or cobbly silt loam. Coarse fragments make up 50 to 80 percent o horizon.

Pintura series

The Pintura series consists of deep, somewhat e sively drained soils that formed in coarse textured e material. They are on coppice dunes on uplands of 5 percent slopes. The dunes have slopes of 20 pe to more than 80 percent. The mean annual precipit is about 9 inches, and the mean annual air temper is about 61 degrees F.

Pintura soils are similar to and near Bluepoint and are near Berino, Dona Ana, Holloman, Onite, T and Wink soils. Bluepoint soils are calcareous thr out. Berino, Onite, and Dona Ana soils have an a horizon. Holloman soils have bedded gypsum at a of 20 inches. Tome soils have a fine-silty control se Wink soils have a calcic horizon.

Typical pedon of Pintura loamy fine sand in an ar Pintura-Dona Ana complex, 0 to 5 percent slopes feet west of the Escondida Siding, northwest corn NW1/4 sec. 10, T. 20 S., R. 9 E.:

A1—0 to 12 inches; light reddish brown (5YR 6/4) l fine sand, reddish brown (5YR 4/4) moist; s grain; loose dry and moist; slightly calcareous; r alkaline; gradual wavy boundary.

C1—12 to 30 inches; light reddish brown (5YR 6/3 sand, reddish brown (5YR 4/4) moist; massive; very friable, nonsticky and nonplastic; slightly ca eous; mildly alkaline; gradual wavy boundary.

C2—30 to 60 inches; light reddish brown (5YR loamy fine sand, reddish brown (5YR 4/4) r massive; soft, very friable, nonsticky and nonpl slightly calcareous; mildly alkaline.

The A horizon has value of 4 to 6 dry and 3 to 5 r and chroma of 3 or 4. It is loamy fine sand or fine s

The C horizon has value of 4 to 6 dry and 3 to 5 r and chroma of 3 or 4. The C horizon is loamy s loamy fine sand, or fine sand. It ranges from nonca eous to moderately calcareous.

Prelo series

The Prelo series consists of deep, well drained that formed in fine textured alluvium weathered shale and siltstone. Prelo soils are on broad flood p and lower parts of alluvial fans and pediments tern ing on the basin floor. Slope is 0 to 3 percent. The r annual precipitation is about 9 inches, and the r annual air temperature is about 61 degrees F.

Prelo soils are similar to Largo, Prelo Variant, T Reakor, Reeves, and Mimbres soils and are near A gordo, Prelo Variant, Mimbres, Aztec, Largo, Tome Reeves soils. Prelo Variant soils have a fine-loamy

gravel; strongly calcareous; moderately alkaline; clear wavy boundary.

C1ca—4 to 7 inches; dark grayish brown (10YR 4/2) very gravelly clay loam, very dark grayish brown (10YR 3/2) moist; weak very fine granular structure; slightly hard, friable, slightly sticky and slightly plastic; common fine and very fine roots; few very fine interstitial pores; 35 percent gravel; strongly calcareous; moderately alkaline; clear wavy boundary.

C2ca—7 to 14 inches; brown (10YR 4/3) very gravelly clay loam, dark brown (10YR 3/3) moist; weak very fine granular and subangular blocky structure; slightly hard, friable, slightly sticky and slightly plastic; common fine and very fine roots; few very fine interstitial pores; 60 percent gravel; strongly calcareous; moderately alkaline; abrupt wavy boundary.

R—14 inches; limestone bedrock, partially fractured on surface.

Limestone bedrock is at a depth of 7 to 20 inches. The A horizon has hue of 10YR or 7.5YR, value of 3 to 5 dry and 3 or 4 moist, and chroma of 2 or 3. This horizon is gravelly loam, cobbly loam, very gravelly loam, or very gravelly sandy loam. It is more than 35 percent coarse fragments.

The Cca horizon has value of 3 to 5 dry and chroma of 2 or 3. The Cca horizon is very gravelly loam, very gravelly silt loam, very gravelly clay loam, or very gravelly silty clay loam. The gravel content ranges from 35 to 65 percent. This horizon is 40 to 60 percent carbonate.

Dona Ana series

The Dona Ana series consists of deep, well drained soils that formed in medium and coarse textured eolian material and alluvium. They are on toe slopes of pediments and on sandy uplands. Slope is 0 to 5 percent. The mean annual precipitation is about 9 inches, and the mean annual air temperature is about 63 degrees F.

Dona Ana soils are similar to and near Berino soils and are near Pintura, Bluepoint, and Tome soils. Berino soils are noncalcareous in the upper horizons. Pintura and Bluepoint soils do not have a calcic horizon and have a sandy control section. Tome soils do not have a calcic horizon and have a fine-silty control section.

Typical pedon of Dona Ana fine sandy loam in an area of Pintura-Dona Ana complex, 0 to 5 percent slopes, 5 miles north of Orogrande along bar ditch on U.S. Highway 54, sec. 30, T. 20 S., R. 9 E.:

A1—0 to 3 inches; reddish brown (5YR 5/3) fine sandy loam, reddish brown (5YR 4/4) moist; weak fine granular structure; soft, very friable, nonsticky and nonplastic; few fine and medium roots; few fine tubular pores; strongly calcareous, carbonates disseminated and as soft masses; moderately alkaline; clear smooth boundary.

B21tca—3 to 10 inches; reddish brown (5YR 5/4) s clay loam, reddish brown (5YR 4/4) moist; wea moderate fine and medium subangular blocky s ture; slightly hard, friable, slightly sticky and sli plastic; few fine and medium roots; common interstitial and few fine tubular pores; common bridging of sand grains and few thin clay film root channels and lining pores; strongly calcare lime as soft masses and few nodules; moder alkaline; clear smooth boundary.

B22tca—10 to 16 inches; reddish brown (5YR sandy clay loam, reddish brown (5YR 4/4) m weak medium prismatic structure parting to mc ate fine and medium subangular blocky; hard able, slightly sticky and slightly plastic; few roots; few fine interstitial pores and common tubular pores; common clay bridging of sand g and few thin clay films lining pores and root c nels; strongly calcareous, carbonates as filam and disseminated; moderately alkaline; clear sm boundary.

B23tca—16 to 21 inches; reddish brown (5YR sandy clay loam, reddish brown (5YR 4/4) m weak medium subangular blocky structure; han able, slightly sticky and slightly plastic; few roots; few fine tubular pores; few thin clay lining pores; strongly calcareous, carbonates cc most ped surfaces and few nodules and con soft masses in lower part; moderately alkaline; wavy boundary.

C1ca—21 to 37 inches; pinkish gray (5YR 7/2) s clay loam, light reddish brown (5YR 6/4) moist; sive; hard, firm, slightly sticky and nonplastic roots; common fine tubular pores; strongly cal ous, carbonates almost plugging horizon and a masses, nodules, and thick coats; moderately line; clear wavy boundary.

C2ca—37 to 60 inches; light reddish brown (5YR sandy loam, reddish brown (5YR 5/4) moist; sive; hard, very friable, nonsticky and nonplast roots; few fine tubular pores; strongly calcar carbonates as soft masses and filaments; mod ly alkaline.

The solum ranges from 15 to 30 inches in thick Coarse fragments make up less than 5 percent c one horizon. Patches of desert pavement less tha inch thick cover some pedons.

The A horizon has hue of 7.5YR or 5YR and va 5 to 7 dry and 3 or 4 moist. Texture is very fine loam, fine sandy loam, sandy loam, or sandy clay In many pedons the A horizon has been remov erosion and a thin layer of wind-deposited material the surface.

The B2t horizon has hue of 7.5YR or 5YR, valu or 6 dry and 4 or 5 moist, and chroma of 3 or sandy clay loam in all parts except in a few p

where the upper part is heavy sandy loam. About one-half of the pedons have a B3ca horizon.

The Cca horizon has hue of 7.5YR or 5YR and value of 6 to 8 dry and 5 to 7 moist.

Dye series

The Dye series consists of shallow, well drained soils that formed in residuum from sandstone. Dye soils are on upland plains. Slope is 5 to 30 percent. The mean annual precipitation is about 15 inches, and the mean annual air temperature is about 52 degrees F.

Dye soils are near Tortugas, Encierro, and Deama soils. Tortugas soils have a loamy-skeletal control section. Tortugas, Encierro, and Deama soils have a mollic epipedon.

Typical pedon of Dye clay loam in an area of Dye-Encierro complex, 5 to 30 percent slopes, NW1/4SW1/4 sec. 21, T. 24 S., R. 22 E.:

A1—0 to 1 inch; strong brown (7.5YR 5/6) loam, dark yellowish brown (10YR 3/4) moist; weak thin platy structure; soft, very friable, slightly sticky and slightly plastic; common very fine and fine roots; many fine interstitial pores; moderately alkaline; abrupt smooth boundary.

B1—1 inch to 4 inches; yellowish brown (10YR 5/4) clay loam, dark yellowish brown (10YR 4/4) moist; moderate medium subangular blocky structure; slightly hard, friable, slightly sticky and slightly plastic; common very fine and fine roots; many fine interstitial pores; moderately alkaline; clear wavy boundary.

B2t—4 to 17 inches; brown (7.5YR 5/4) clay loam, reddish brown (5YR 4/4) moist; strong medium angular blocky structure; hard, firm, sticky and plastic; few very fine and fine roots; common fine interstitial pores; few thin clay films on faces of peds and lining pores; moderately alkaline; abrupt irregular boundary.

R—17 inches; pale brown and light brown (10YR 6/3 and 7.5YR 6/4) sandstone bedrock.

The solum ranges from 10 to 20 inches in thickness.

The A1 horizon is strong brown or light yellowish brown loam or clay loam. Gravel content ranges from none to about 30 percent, by volume.

The B2t horizon is brown or very pale brown and ranges from clay to clay loam.

Ector series

The Ector series consists of shallow, well drained soils that formed in material weathered from limestone bedrock. Ector soils are on sides of steep limestone hills and on mesas and plateaus dissected by narrow drainageways. Slope is 20 to 50 percent. Mean annual precipitation is about 15 inches, and mean annual air te perature is about 60 degrees F.

Ector soils are similar to and near Deama and Lo soils. They are also near Kerrick, Pena, and Cale sc Deama soils have a mean annual soil temperature less than 59 degrees F. Lozier soils do not have a mc epipedon and are more dry. Kerrick soils have a pe calcic horizon. Pena and Cale soils are deep.

Typical pedon of Ector gravelly loam in an area Ector-Rock outcrop complex, 20 to 50 percent slop sec. 15, T. 20 S., R. 15 E.:

A1—0 to 9 inches; grayish brown (10YR 5/2) grav loam, very dark grayish brown (10YR 3/2) mc moderate medium and fine granular structure; sli ly hard, friable, slightly sticky and slightly pla common fine and very fine roots; many very fine fine interstitial pores; 30 percent gravel; strongly careous; moderately alkaline; abrupt smooth bo ary.

Cca—9 to 17 inches; light gray (10YR 7/1) extrer gravelly loam, light brownish gray (10YR 6/2) m massive; slightly hard, friable, slightly sticky slightly plastic; few fine and very fine roots; m fine interstitial pores; 70 percent gravel; strongly careous; moderately alkaline; abrupt smooth bo ary.

R—17 inches; fractured limestone bedrock; coating calcium carbonate in fractures of first several in of bedrock; few fine roots in fractures.

Limestone bedrock is at a depth of 8 to 18 inc Content of coarse fragments ranges from 30 to 70 cent. In some pedons there are fractures in the u few inches of the limestone which are normally filled precipitated carbonates.

The A horizon has value of 4 or 5 dry. The A ho is dominantly gravelly loam but in some pedons is loam or silt loam containing 30 percent or more cc fragments.

The Cca horizon is variable in color but normally value of 7 or 8 dry and 6 or 7 moist.

Emot series

The Emot series consists of deep, well drained that formed in alluvium and colluvium from silts shale, and limestone. They are on foot slopes of ments. Slope is 0 to 3 percent. The mean annual pr tation is about 10 inches, and the mean annual air perature is about 61 degrees F.

Emot soils are similar to Largo, Ogral, and Tome and are near Tome, Nickel, and Largo soils. Largo Tome soils have a fine-silty control section. Nickel have a calcic horizon. Ogral soils have coarser te

GARY E. JOHNSON
GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT
Ground Water Protection and Remediation Bureau
Harold Runnels Building
1190 St. Francis Drive, P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827-2918 phone
(505) 827-2965 fax

MARK E. WEIDLER
SECRETARY

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

May 16, 1997

Danielle Berardelli
Rhino Environmental Services, Inc.
300 Broadway NE
Albuquerque, New Mexico 87503

RE: DISCHARGE PLAN AMENDMENT APPROVAL, DP-619, Rhino Environmental Services, Inc., Lea County

Dear Ms. Berardelli:

Pursuant to Water Quality Control Commission (WQCC) Reg. 3109, the application for amendment for DP-619, submitted by you to amend the volume of soil to be treated at any one time, the monitoring plan, and the closure plan at the approved treatment and disposal system of Rhino Environmental Services, Inc.(RES), Lea County is hereby approved. The discharge plan was approved on July 17, 1995. The facility is located approximately 8 miles south of Hobbs in Section 11.3.3, 11.3.4, 11.4.4, and 14.2.2, T20S, R38E, Lea County. In approving this discharge plan amendment, the New Mexico Environment Department (NMED) has determined that the requirements of WQCC Reg. 3109.C have been met.

The July 17, 1995 approval letter (copy enclosed) authorizes the discharge of a maximum of 1,200 gallons per day of hydrocarbon contaminated water and 1,000 cubic yards per week of hydrocarbon contaminated soil from environmental investigation and remediation sites. Page 1, paragraph 1 of the July 17, 1995 approval letter describes the approved Rhino Hydrocarbon remediation facility as follows:

> The facility will accept only soils contaminated with petroleum hydrocarbons and which are not classified as hazardous under the federal Resource Conservation and Recovery Act (RCRA). Contaminated soil will be spread in 6-inch lifts within the 200 acre treatment area. Bioremediation of the soils will be encouraged through a schedule of watering and disking the soils.

NMED, GROUND WATER SECTION, DISCHARGE PLAN SUMMARY

Discharge Plan Number..... 619
Date Report Generated..... 17-JUL-95
Staff Reviewer..... CHRIS WHITMAN

Legally Responsible Party. STEVE DYER PRESIDENT 242-6464
Owner..... STEVE DYER
719 ARNO NE
ALBUQUERQUE NM 87102

Facility..... RHINO ENVIRONMENTAL SERVICES - NADINE, S. HOBBS

Primary Waste Type..... INDUSTRIAL UST
Treatment..... HYDROCARBON REMEDIATION OTHER
Discharge..... LAND APPLICATION DISPOSAL
Discharge Location..... 8 MILES SOUTH OF HOBBS

Application Received..... 29-MAR-95
Public Notice Published... 10-MAY-95
Discharge Plan Approved... 03-DEC-91
Discharge Plan Expires.... 17-JUL-00

Discharge Volume.. 1200 gpd
Depth to GW..... 200 feet
TDS..... 1000 mg/l

Monitoring Reports due.... 28-FEB 31-MAY 31-AUG 30-NOV

Sampling Category	Annual Frequency	No. of Sites	Sampling Description
1	2	3	EAST SIDE & 2 NEW WELLS, SAMPLE IF WATER PRESENT. Analyze by EPA method 8020.
2	4	2	RECORDS OF AMOUNT OF SOIL AND WATER TAKEN TO SITE
6	4		Native soil samples from below treatment area. One sample from 3ft depth per 5 acres. Samples analyzed by EPA method 418.1.

_____ If this space is checked, monitoring requirements are summarized or explained in more detail on the attached sheet. Any inadvertent omission from this summary does not relieve the discharger of responsiblility for compliance with that requirement.

Send All monitoring reports or correspondence to:

CHRIS WHITMAN
Ground Water Section
Environment Department
1190 St. Francis Drive
Santa Fe NM 87503
(505) 827-2900

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

January 5, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-326-936-378

Ms. Daniele Berardelli
Rhino Environmental Services, Inc.
5 County Road 6065
Farmington, NM 87401

RE: Public Notice for Rhino Environmental Services Inc.
Commercial Landfarm Permit Application
SE/8 of SE/4 & SW/4 of SE/4 of Section 11, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico

Dear Ms Berardelli:

The New Mexico Oil Conservation Division (OCD), has received Rhino Environmental Services, Inc. (Rhino) application for a commercial waste management facility dated November 17, 1997. The application proposes the construction of a landfarm soil remediation 711 facility. The facility is located in the SE/8 of SE/4 & SW/4 of SE/4 of Section 11, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico.

Based on the information provided with the application Form C-137 the OCD has prepared a public notice statement that Rhino must published in the Lovington Daily Record and in the Santa Fé New Mexican newspapers. In addition, a notice shall be sent certified mail to all landowners within one mile of the proposed expansion area.

Rhino must send the original certified affidavit of publication from both the Lovington Daily Record and the Santa Fe New Mexican to the OCD Santa Fé office and a copy to the appropriate District office. In addition, Rhino must send copies of the postal receipt and signed certified return receipt from each of the landowners to both the OCD Santa Fe office and appropriate District office.

If you have any questions please do not hesitate to contact me at (505) 827-7153.

Sincerely,

Martyne J. Kieling
Environmental Geologist

attachments
xc with attachments: Hobbs OCD Office

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to the New Mexico Oil Conservation Division Regulations, the following application has been submitted to the Director of the Oil Conservation Division, 2040 S. Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

Rhino Environmental Services, Inc., Steve Dyer, President, 300 Broadway NE, Albuquerque, New Mexico, 87102, has submitted for approval an application to construct and operate a Rule 711 commercial solids landfarm remediation facility located in the SE/8 of SE/4 & SW/4 of SE/4 of Section 11, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico. Hydrocarbon contaminated soils associated with oil and gas production will be remediated by spreading them on the ground surface in 6 inch lifts or less and periodically disking them to enhance biodegradation of contaminants. Ground water most likely to be affected by any accidental discharges at the surface is estimated to be at a depth of 200 feet with a total dissolved solids concentration estimated to be at 1000 parts per million. The facility is underlain by the Triassic red beds. The permit application addresses the construction, operations, spill/leak prevention and monitoring procedures to be incorporated at the proposed site.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru Friday. Prior to ruling on any proposed application, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Request for public hearing shall set forth the reasons why a hearing shall be held. A hearing will be held if the director determines that there is significant public interest.

If no hearing is held, the Director will approve or disapprove the application based on the information available. If a public hearing is held, the Director will approve the application based on the information in the application and information presented at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 5th day of January, 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

KATHLEEN A. GARLAND, Acting Director

Post-it™ brand fax transmittal memo 7671	# of pages ▸ 1
To Marlyne Kesling	From D. Bernardelli
Co. OCD	Co. Rhino
Dept. Environmental	Phone # 598-9626
Fax # (505) 827-8177	Fax # 598-9627

December 30, 1997

Deck, Millard Estate # 4193
Nations Bank of Texas
1777 NE Loop 410, Suite 1250
San Antonio, Texas 78217

Marlyne,
I made this up as an example for public notice letters. Let me know if this is OK.
Thanks. DB

Re: Commercial Landfarm

Rhino Environmental Services, Inc. (Rhino) would like to inform all landowners within a one mile radius of our intentions to construct and operate a Commercial Landfarm. The proposed site is located in the SE/8 of SE/4 & SW/4 of SE/4 of Section 11, T20S, R38E, Lea County, New Mexico. The facility will comprise approximately 60 acres and will accept only non-hazardous soils regulated by the Oil Conservation Division (OCD). Rhino has submitted an application to the OCD and hopes to begin construction by February, 1998.

The landfarm will operate to properly treat exempt and non-exempt, non-hazardous soils in accordance with all pertinent OCD regulations. This facility will not accept any municipal, special or hazardous waste. The facility will remain fenced and locked during all non business hours. All disposal activities will occur by appointment only.

Any person seeking to comment or request a public hearing on such application must file comments or hearing requests with the Division within 30 days of the date of public notice. Requests for public hearing must be in writing to the Director and shall set forth reasons why a hearing should be held. A public hearing shall be held if the Director determines there is significant public interest.

Director
Oil Conservation Division
NM Energy, Minerals & Natural Resources
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7153