

NM1 - 38

**GENERAL  
CORRESPONDENCE**

**YEAR(S):**

2005-2002



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**  
Governor  
**Joanna Prukop**  
Cabinet Secretary

**Mark E. Fesmire, P.E.**  
Director  
Oil Conservation Division

May 18, 2005

Mr. Eddie Seay  
Saunders Landfarm, LLC  
HC 70, Box 7C  
Lovington, NM 88260

Re: Application for Waste Management Facility Expansion  
Saunders Landfarm located in the  
W/2 NW/4 SW/4 of Section 7, Township 14 South, Range 34 East  
NMPM, Lea County New Mexico  
NMOCD Permit No. NM-1-0038

Dear Mr. Seay:

The New Mexico Oil Conservation Division (NMOCD) has received and reviewed the request from Saunders Landfarm, LLC (Saunders) for a modification to the existing landfarm resulting in a total acreage dedicated of 40 acres, which is an increase of 20 acres.

This modification request is hereby approved. All of the conditions contained in the permit shown above will apply to the additional 20 acres.

NMOCD approval does not relieve Saunders of any liability should its operations at this site prove to have been harmful to public health or the environment. Nor does it relieve Saunders of its responsibility to comply with the rules and regulations of any other local, state, or federal governmental agency.

If you have any questions, contact me at (505) 476-3492 or [emartin@state.nm.us](mailto:emartin@state.nm.us)

NEW MEXICO OIL CONSERVATION DIVISION

Edwin E. Martin  
Environmental Bureau

Cc: NMOCD, Hobbs

APR 15 2005  
OIL CONSERVATION  
DIVISION

April 15, 2005

NMOCD Environmental  
ATTN: Ed Martin  
Box 6429  
1220 S. Saint Francis Drive  
Santa Fe, NM 87504

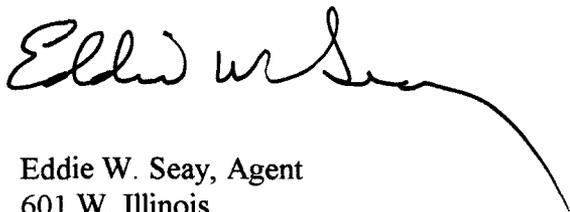
RE: Saunders Landfarm  
Expansion Request

Mr. Martin:

Find within the Legal Notice for the expansion request application to Saunders Landfarm.

If you have any questions, please call.

Thanks,



Eddie W. Seay, Agent  
601 W. Illinois  
Hobbs, NM 88242  
(505)392-2236  
seay04@leaco.net

# Affidavit of Publication

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

Joyce Clemens being first duly sworn on oath deposes and says that she is Advertising 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

was published in a regular and entire issue of **THE LOVINGTON DAILY LEADER** and not in any supplement thereof, for one (1) day, beginning with the issue of April 1, 2005 and ending with the issue of April 1, 2005.

And that the cost of publishing said notice is the sum of \$ 49.73 which sum has been (Paid) as Court Costs.

Joyce Clemens

Subscribed and sworn to before me this 12th day of April 2005

Debbie Schilling

Debbie Schilling

Notary Public, Lea County, New Mexico

My Commission Expires June 22, 2006

## LEGAL NOTICE NOTICE OF PUBLICATION

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, 1220 South Saint Frances Drive, Santa Fe, New Mexico 87505, telephone (505) 476-3440:

Saunders Landfarm, Eddie Seay, Agent, 601 W. Illinois, Hobbs, New Mexico 88242, has submitted for approval an application to construct and expand its 711 permitted commercial landfarm, soil remediation facility located in the W 1/2 of NW 1/4 of the SW 1/4 of Section 7, Township 14 South, Range 34 East, NMPM, Lea County, New Mexico. RCRA exempt and non-hazardous soils associated with oil and gas production operations 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 at a depth of approximately 70 feet with chloride concentration of approximately 64 milligrams per liter and total dissolved solids concentration approximately 409 milligrams per liter. The facility is underlain by Quaternary dune sands and the Ogallala formation. The permit application addresses the con-

struction, 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 and public hearing may be requested by any interested person. Request for public hearing shall set for the seasons 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, 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. Published in the Lovington Daily Leader April 1, 2005.

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-137  
Revised June 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit Original Plus 1  
Copy to Santa Fe  
1 Copy Appropriate  
District Office

**APPLICATION FOR WASTE MANAGEMENT FACILITY**

(Refer to the OCD Guidelines for assistance in completing the application)

Commercial  Centralized

1. Type:  Evaporation  Injection  Other  
 Solids/Landfarm  Treating Plant

2. Operator: Saunders Landfarm LLC NM-01-0038

Address: HC 70 Box 7C Lovington, NM 88260

Contact Person: Roy Fort Phone: (505)399-2200

3. Location: W 1/2 of NW 1/4 of the SW 1/4  
/4 /4 Section 14 S Range 34 E  
Township 14 S Range 34 E  
Submit large scale topographic map showing exact location

4. Is this a modification of an existing facility?  Yes  No Expansion 20 Acres
5. Attach the name and address of the landowner of the facility site and landowners of record within one mile of the site.
6. Attach description of the facility with a diagram indicating location of fences, pits, dikes, and tanks on the facility.
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.
8. Attach a contingency plan for reporting and clean-up for spills or releases.
9. Attach a routine inspection and maintenance plan to ensure permit compliance.
10. Attach a closure plan.
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.
12. Attach proof that the notice requirements of OCD Rule 711 have been met.
13. Attach a contingency plan in the event of a release of H<sub>2</sub>S.
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.

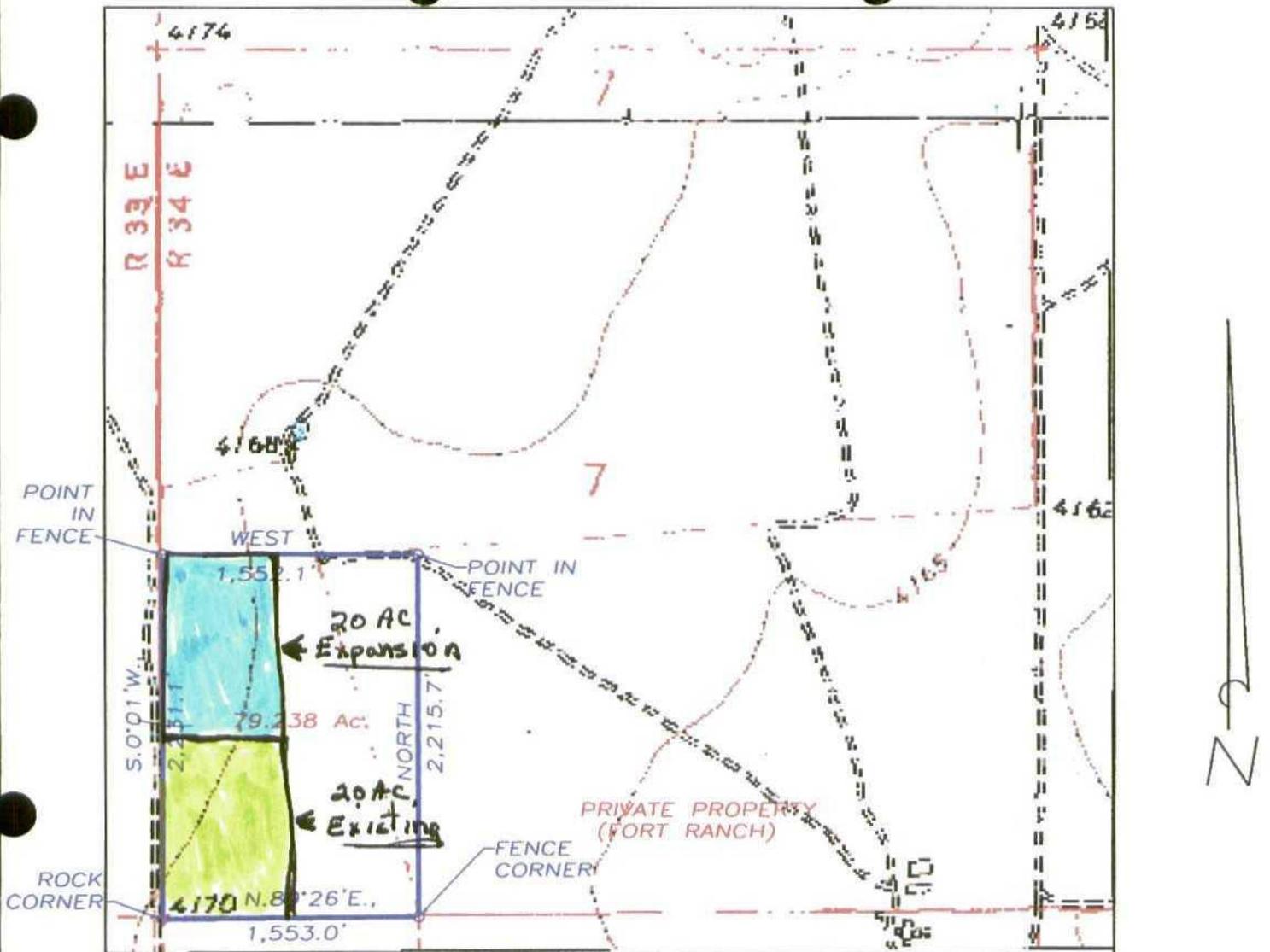
Name: Eddie W. Seay

Title: Agent

Signature: Eddie W. Seay

Date: 3/30/2005

E-mail Address: seay04@leaco.net



**DESCRIPTION:**

A TRACT OF LAND LOCATED IN THE SOUTHWEST QUARTER OF SECTION 7, TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM, LEA COUNTY, NEW MEXICO, BEING DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF SAID SECTION 7 (ROCK CORNER); THENCE N.89°26'E., 1,553.0 FEET TO A FENCE CORNER POST; THENCE NORTH, 2,215.7 FEET TO A POINT LOCATED IN AN EXISTING FENCE LINE; THENCE WEST, 1,552.1 FEET TO A POINT LOCATED IN AN EXISTING FENCE LINE LOCATED ON THE WEST BOUNDARY OF SAID SECTION 7; THENCE S.0°01'W., 2,231.1, ALONG SAID BOUNDARY LINE FENCE TO THE POINT AND PLACE OF BEGINNING OF SAID TRACT.

SAID TRACT CONTAINS 79.238 ACRES, MORE OR LESS.



THE PREPARATION OF THIS PLAT AND THE PERFORMANCE OF THE SURVEY UPON WHICH IT IS BASED WERE DONE UNDER MY DIRECTION AND THE PLAT ACCURATELY DEPICTS THE RESULTS OF SAID SURVEY AND MEET THE REQUIREMENTS OF THE STANDARDS FOR LAND SURVEYS IN NEW MEXICO AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS.

HERSCHEL L. JONES, L.S. No. 3640

GENERAL SURVEYING COMPANY P.O. BOX 1928  
LOVINGTON, NEW MEXICO 88260

ROY D. FORT

79.238 ACRE TRACT OF LAND LOCATED IN SECTION 7, TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM, LEA COUNTY, NEW MEXICO.

Survey Date: 8/08/2002	Sheet 1 of 1 Sheets
Drawn By: Ed Blevins	W.O. Number
Date: 8/09/02	Scale 1" = 1000' FORT

**LANDOWNERS OF RECORD WITHIN 1 MILE  
AND  
NOTICE REQUIREMENT**

Lea County Commissioner  
100 N. Main, Suite. 4  
Lovington, NM 88260

State of New Mexico Land Office  
310 Old Santa Fe Trail  
Box 1148  
Santa Fe, NM 87514-1148

Troy Fort Family Trust  
Box 998  
Lovington, NM 88260

Norman Hahn (Landowner)  
HC 61, Box 75  
Jayton, TX 79524

9936 918 4816 3668  
7004 0750 0003 4816 3668

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LOVINGTON, NM 88260

Postage	\$ 1.06	UNIT ID: 0660 Postmark Here Clerk: J04VK0 03/31/05
Certified Fee	2.30	
Return Receipt Fee (Endorsement Required)	1.75	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 5.11	

Sent To **Troy Fort Family Trust**  
 Street, Apt. No. or PO Box No. **Box 998**  
 City, State, ZIP+4 **LOVINGTON, NM 88260**  
 PS Form 3800, June 2002 See Reverse for Instructions

4444 4816 3644  
7004 0750 0003 4816 3644

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ARRIVO, SECO, NM 87514

Postage	\$ 1.06	UNIT ID: 0660 Postmark Here Clerk: J04VK0 03/31/05
Certified Fee	2.30	
Return Receipt Fee (Endorsement Required)	1.75	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 5.11	

Sent To **State of New Mexico Land Office**  
 Street, Apt. No. or PO Box No. **100 Old Santa Fe Trail, Box 1148**  
 City, State, ZIP+4 **Santa Fe, NM 87514-1148**  
 PS Form 3800, June 2002 See Reverse for Instructions

1593 918 4816 3651  
7004 0750 0003 4816 3651

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LOVINGTON, NM 88260

Postage	\$ 1.06	UNIT ID: 0660 Postmark Here Clerk: J04VK0 03/31/05
Certified Fee	2.30	
Return Receipt Fee (Endorsement Required)	1.75	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 5.11	

Sent To **Lea County Commissioner**  
 Street, Apt. No. or PO Box No. **100 N. Main, Suite 4**  
 City, State, ZIP+4 **LOVINGTON, NM 88260**  
 PS Form 3800, June 2002 See Reverse for Instructions

5275 918 4816 3675  
7004 0750 0003 4816 3675

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(Domestic Mail Only; No Insurance Coverage Provided)

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JAYTON, TX 79528-9801

Postage	\$ 1.06	UNIT ID: 0660 Postmark Here Clerk: J04VK0 03/31/05
Certified Fee	2.30	
Return Receipt Fee (Endorsement Required)	1.75	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 5.11	

Sent To **Norman Hahn**  
 Street, Apt. No. or PO Box No. **HC 61, Box 75**  
 City, State, ZIP+4 **Jayton, TX 79524**  
 PS Form 3800, June 2002 See Reverse for Instructions

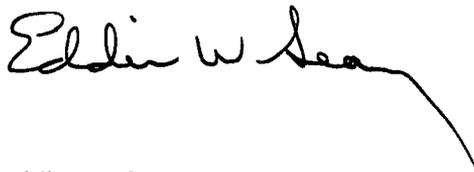
March 30, 2005

Dear Landowner:

Pursuant to the rules of the NMOCD, Saunders Landfarm is seeking application with the New Mexico Oil Conservation Division to operate a commercial land treatment facility. The facility, a 20 acre tract of land, is located in the W 1/2 of the NW 1/4 of the SW 1/4 of Section 7, Tws. 14 S., Range 34 E., Lea Co., New Mexico. The facility is seeking to remediate RCRA exempt and characteristically non-hazardous contaminated soils associated with oil and gas production. The soils are remediated by spreading them on the ground surface in 6 in. lifts or less and periodically disking them to enhance natural remediation of the contaminants. The facility will be owned and operated by Roy Dee Fort.

Any questions about the application may be directed to Eddie W. Seay, (505)392-2236 or 601 W. Illinois, Hobbs, NM 88242. Any protest or comments may be directed to the Oil Conservation Division, Box 6429, 1220 S. Saint Francis Dr., Santa Fe, NM 87505, (505)476-3440, within 30 days.

Thank you,

A handwritten signature in cursive script that reads "Eddie W. Seay". The signature is written in black ink and has a long, sweeping tail that extends downwards and to the right.

Eddie W. Seay, Agent

- 2) Saunders Landfarm  
Roy Dee Fort
- 3) W 1/2 of the NW 1/4 of the SW 1/4 of Section 7, Tws. 14 S., Range 34 E., Lea Co.  
a 20 acre tract - Expansion.
- 4) No
- 5) Attachment - Landowners of Record within 1 mile.
- 6) The 20 acre proposed expansion will be operated according to OCD guidelines as set forth in the permit.
  - a) The entire facility will be fenced with 4 strain barbed wire.
  - b) A 100 ft. buffer zone will be maintained around the facility.
  - c) Berms will be installed around the site to direct runoff and run-on of rainwater.  
These berms will be constructed 3 ft. wide x 2 ft. high, this should control and contain any moisture from a 100 yr. flood. Also, water will not be allowed to pond. Any excess rain will be vacuumed up and taken to an approved disposal.
  - d) All accesses and gates will be locked at all times.
  - e) Soils will only be allowed when landfarm personnel are on location and only with proper documentation.
  - f) The permit area is located approximately 200 yds. North of road C-68, Northwest of Lovington, NM. There are no pipelines running through the property, only an electric line on the extreme South end.
  - g) A sign will be posted at entrance and will detail all the OCD requirements, phone, permit no., name, etc.
- 7) Diagram within.
- 8) Saunders Landfarm will adhere to OCD Rule 116.
  - a) Report any accidental discharge by phone immediately.
  - b) Cleanup and/or remediate according to OCD policy.
  - c) File written reports as necessary.
- 9) Inspection and Maintenance Plan
  - a) The facility will be fenced and gates locked at all times. Personnel will be on location at all times when material is being hauled, and each load will be documented.
  - b) When and if any water accumulated on the property from rain, it will be vacuumed up and hauled to an approved OCD disposal.
  - c) Water may be added to the landfarm from time to time for dust control and to enhance remediation and will help keep any odor down, if that were to occur.
  - d) Berms will be inspected and maintained on a routine basis so as to prevent erosion, especially after rainfall or windstorm.

e) Because a landfarm is designed to remediate contaminated soils and not transfer contaminants into underlying native soil and/or groundwater, "Treatment Zone Monitoring" will be used at the facility. The treatment zone monitoring will consist of:

- 1) Test the background soil at the facility at a depth of 2 to 3 ft. The samples will be analyzed for TPH, BTEX, Cations/Anions and heavy metals using approved EPA methods.
- 2) A treatment zone not to exceed 3 ft. beneath the landfarm will be monitored. Samples will be taken from each cell on a quarterly schedule and analyzed for BTEX and TPH and for BTEX, TPH, Cations/Anions and heavy metals annually. All Sample holes will be filled with an impermeable material such as cement or bentonite. All test results will be submitted to the OCD in Santa Fe.
- 3) Only exempt oil and gas waste will be accepted at the landfarm unless special approval by OCD. The material accepted will have documentation as to where, what company, who delivered it and signed by an authorized company person. The material will be hauled in by truck, spread in 6 in. lifts and disked every other week.
- 4) A new lift may be added only after testing and approval from OCD.

10) Closure Plan: once Saunders has stopped operations, it is estimated that it will take approximately two years to finish remediating what soils are left in the landfarm. We will continue to disk, test, and monitor until facility meets with OCD guidelines. After all criteria is met, the area will be leveled, contoured and seeded.

Closure cost for this two year period is as follows:

(Estimating that there will be 4-five acre cells in use at time of closure)

Analytical tests for 2 years	
BTEX - 8 quarters - \$40.00 x 4	\$ 1,280
TPH - 8 quarters - \$50.00 x 4	\$ 1,600
Metals - 2 years - \$200.00 x 4	\$ 1,600
Cations/Anions - 2 years - \$100.00 x 2	\$ 400
	-----
TOTAL	\$ 4,880

Quarterly sampling, time and labor for 4 cells

Labor at \$50.00 per hour

30 Minutes per cell

4 cells equals 2 hours per sampling event plus 1 hr. for report

3 hrs. x \$50.00 x 8 quarters

TOTAL	\$1,200
-------	---------

Disking for two years every two weeks

Actual disking area approximately 15 acres (roads, buffer zone, pipeline, etc.)

\$30.00 per hr. - 30 min. per acre

15 acres x 30 min. x 26 weeks 2 years = 23400 min. = 390 hrs.

390 hrs. x \$30.00 per hour

TOTAL disking & tilling      \$11,700

Freshwater as needed

\$120.00 per load

\$120 x 5 loads x 8 events in two years

TOTAL      \$ 4,800

Leveling and Contouring Landfarm

D-6 dozer with operator \$75.00 per hr.

1 Hr. per acre.

\$75 x 20 acres

TOTAL      \$ 1,500

Revegetation for 20 acres

Tractor and drill \$30.00 per hr. at 30 min. per acre, 20 acres = \$300

Seed cost & material

\$10.00 per lb. at 5 lbs. per acre x 20 acres = \$1,000

TOTAL REVEGETATION      \$ 1,300

TOTAL ESTIMATED CLOSURE COST WOULD BE = \$23,380

11) Geology - Hydrology

Geographically, the site is situated in the southeastern corner of New Mexico in central Lea Co., an extension of the High Plains.

The High Plains is underlain by a hard caliche surface and is almost entirely covered by reddish brown dune sand.

The primary source of drinking water for this area is the Ogallala formation. The top of the water formation in the area is approximately 75' with the base at 150' to 175'. The State Engineer information is attached along with a water analysis of a nearby windmill.

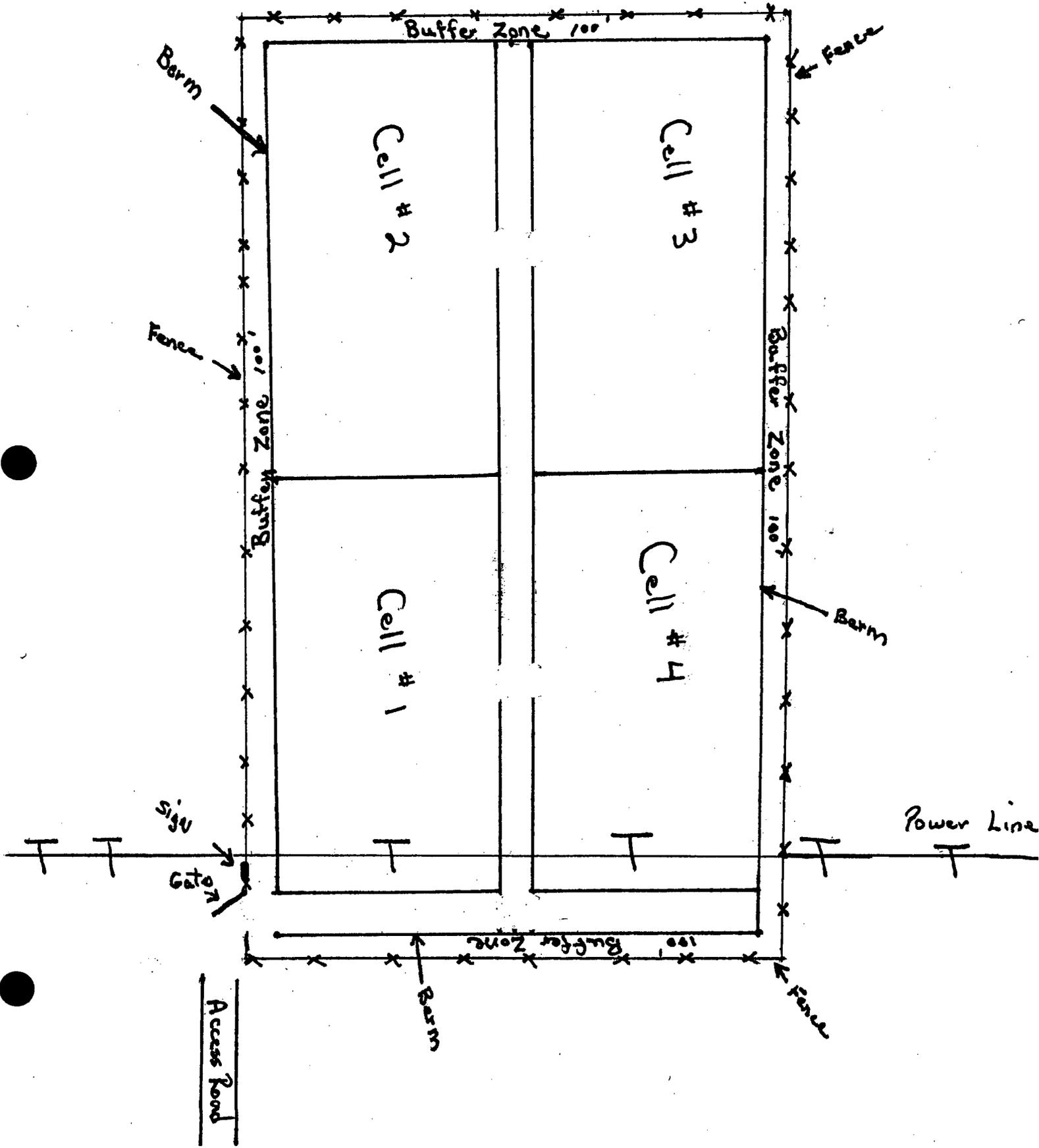
12) Notice of requirement to offsets.

13) An open system such as a landfarm should not have an H2S problem. If H2S becomes a problem, proper testing and notification will be conducted.

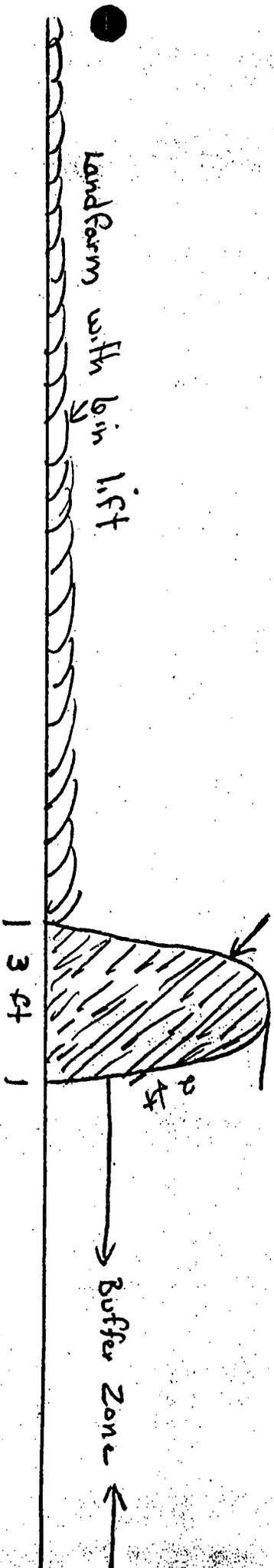
14) Saunders will adhere to all applicable rules and regulations pertaining to this permit.

# Saunders Landfarm

2  
1



SAUNDERS  
LANDFARM  
SECT 7-T.14-R.34



3 ft  
Treatment Zone



"N.M. St. No. 2"  
T. Fort Form Trust (S)

DA12-5-68  
"Dome Nonombre AWZ'SI"  
State

NONOMBRE  
State

Jun State 1R  
Tusson Fields  
State, MI (Duel) 1-1

Yates Pet., etal  
Yates Pet to 10.001  
Yates Pet. etal  
1A0U  
Per. Perm 2021 W. Newkumet, etal, M.I.  
PST Roy C. Ford, (S)

Permian Basin  
Permian Basin  
Acq. Fund  
12-1-2003  
92198  
8.00  
Yates Pet. etal  
6-1-2003  
92198  
8.00  
U.S. MI  
Troy C. Ford, S. M.I.

Yates Pet., etal  
10-1-2004  
V. 5633  
15.58  
Yates Pet., etal  
10-1-2004  
V. 5634  
15.58  
Blome  
Store  
TD 104,790  
DWA 7.26-65  
IMW0

Yates Pet., etal  
10-1-2004  
V. 5632  
15.95  
Yates Pet., etal  
10-1-2004  
V. 5632  
15.95  
Superior  
1-D Penn. Disc  
P. 3801  
W. 3801  
State  
Don Fields

Yates Pet., etal  
Yates Pet., etal  
N. Hahn, (S)

Yates Pet., etal  
6-1-2003  
92198  
8.00  
Permian Basin  
Acq. Fund  
12-1-2003  
92198  
23.00

Yates Pet., etal  
5-1-2006  
V. 6625  
177.99  
Yates Pet., etal  
5-1-2006  
V. 6624  
15.63  
Midwest  
New Mex. - 1-5  
State

Yates Pet., etal  
V. 3308  
ARCO  
Superior  
17232  
Permian Penn. Disc  
Don Fields

Yates Pet., etal  
LG-2350  
12

Permian Basin  
Acq. Fund  
12-1-2003  
92198  
7.2390  
Yates Pet. etal  
6-1-2003  
90911  
8.00  
U.S. MI  
Troy C. Ford, S. M.I.

Yates Pet., etal  
5-1-2006  
V. 6625  
177.99  
Yates Pet., etal  
5-1-2006  
V. 6624  
15.63  
Amira Oil  
Tenneco-  
St.  
Sun  
Tenneco-St  
Yates Ener-  
Sunbourn-St

Yates Pet., etal  
5-1-2002  
V. 5083  
56.25  
Yates Pet., etal  
5-1-2002  
V. 5083  
56.25

Yates Pet., etal  
LG-2414  
"AAD"  
13  
Fosken  
Troy C. Ford, S. M.I.  
DWA 6-4-62

Yates Pet., etal  
V. 504  
21.89  
Steve Gages  
Midwest-St  
TD 10,515  
DWA 3-30-64

Yates Pet., etal  
6-1-2004  
V. 5347  
Breck Oper.  
"A"  
Yates Pet.  
et al  
7-1-2002  
VA-1615  
172.28

Yates Pet., etal  
5-1-2001  
V. 4851  
71.35  
Yates Pet., etal  
5-1-2001  
V. 4851  
71.35

Yates Pet., etal  
LG-2414  
"AAD"  
13  
Fosken  
Troy C. Ford, S. M.I.  
DWA 6-4-62

Yates Pet., etal  
V. 504  
21.89  
Steve Gages  
Midwest-St  
TD 10,515  
DWA 3-30-64

Yates Pet., etal  
6-1-2004  
V. 5347  
Breck Oper.  
"A"  
Yates Pet.  
et al  
7-1-2002  
VA-1615  
172.28

Yates Pet., etal  
5-1-2001  
V. 4851  
71.35  
Yates Pet., etal  
5-1-2001  
V. 4851  
71.35

Yates Pet., etal  
LG-2414  
"AAD"  
13  
Fosken  
Troy C. Ford, S. M.I.  
DWA 6-4-62

Yates Pet., etal  
V. 504  
21.89  
Steve Gages  
Midwest-St  
TD 10,515  
DWA 3-30-64

Yates Pet., etal  
6-1-2004  
V. 5347  
Breck Oper.  
"A"  
Yates Pet.  
et al  
7-1-2002  
VA-1615  
172.28

Yates Pet., etal  
5-1-2001  
V. 4851  
71.35  
Yates Pet., etal  
5-1-2001  
V. 4851  
71.35



# ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR  
EDDIE SEAY CONSULTING  
ATTN: EDDIE SEAY  
601 W. ILLINOIS  
HOBBS, NM 88242  
FAX TO: (505) 392-6949

Receiving Date: 03/30/05  
Reporting Date: 03/31/05  
Project Owner: FORT FAMILY  
Project Name: SAUNDERS LANDFARM  
Project Location: NW OF LOVINGTON, NM

Sampling Date: 03/30/05  
Sample Type: GROUNDWATER  
Sample Condition: COOL & INTACT  
Sample Received By: GP  
Analyzed By: AH

LAB NUMBER	SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (uS/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /L)
------------	-----------	--------------	--------------	--------------	-------------	-------------------------	--

ANALYSIS DATE:		03/30/05	03/30/05	03/30/05	03/30/05	03/30/05	03/30/05
H9665-1	FORT RANCH #1	44	55	16	6.57	522	168
Quality Control		NR	58	54	4.90	1322	NR
True Value QC		NR	50	50	5.00	1413	NR
% Recovery		NR	116	108	98.0	93.6	NR
Relative Percent Difference		NR	3.1	3.8	0.8	0.7	NR
METHODS:		SM3500-Ca-D	3500-Mg E		8049	120.1	310.1

	Cl <sup>-</sup> (mg/L)	SO <sub>4</sub> (mg/L)	CO <sub>3</sub> (mg/L)	HCO <sub>3</sub> (mg/L)	pH (s.u.)	TDS (mg/L)
--	---------------------------	---------------------------	---------------------------	----------------------------	--------------	---------------

ANALYSIS DATE:		03/30/05	03/30/05	03/30/05	03/30/05	03/30/05	03/31/05
H9665-1	FORT RANCH #1	56	59	0	205	6.87	445
Quality Control		998	50.33	NR	961	7.28	NR
True Value QC		1000	50.00	NR	1000	7.00	NR
% Recovery		99.8	101	NR	96.1	104	NR
Relative Percent Difference		1.2	0.2	NR	1.6	4.1	1.4
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1	160.1

Amy Hill  
Chemist

3/31/05  
Date



# ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR  
EDDIE SEAY CONSULTING  
ATTN: EDDIE SEAY  
601 W. ILLINOIS  
HOBBS, NM 88242  
FAX TO: (505) 392-6949

Receiving Date: 03/30/05  
Reporting Date: 03/31/05  
Project Owner: FORT FAMILY  
Project Name: SAUNDERS LANDFARM  
Project Location: NW OF LOVINGTON, NM

Analysis Date: 03/30/05  
Sampling Date: 03/30/05  
Sample Type: GROUNDWATER  
Sample Condition: COOL & INTACT  
Sample Received By: GP  
Analyzed By: GP

LAB NUMBER      SAMPLE ID      TPH  
(ppm)

H9665-1	FORT RANCH #1	29.2
Quality Control		290
True Value QC		300
% Recovery		96.7
Relative Percent Difference		0.3

METHOD: EPA 600/4-79-020 418.1

  
Chemist

03/31/2005  
Date



Owner# 0060288  
FORT, TROY C FAMILY TRUST

|R=res,N=non res| full values  
NLand 19488 N-imp 3480

BOX 998

OVINGTON, NM 88260 0000  
Dist 280 fin 000 Taxbl 7656

---	PROPERTY DESCRIPTIONS---	CODE/DESCRIPTION	QTY	RATE	1/3	VALUE
4000602880003	BK-000 PG-00000					
SECTION-07 TOWNSHIP-14S RANGE-34E						
644.18 AC ALL						

CURRENT

CMD-7=EOJ,9=Reselect



# GRWES

10/22/2002

Slul	Slsec	Sltwn	Slhors	Slrng	Sleorw	Spotloc	Addlocinfo	Datasourc1	Datewlev1	Waterlev1
A	12	14	S	33	E	223144		SEO	02/17/196	78.69
A	12	14	S	33	E	223322		SEO	02/14/198	72.09
H	13	14	S	33	E	243211		SEO	01/30/199	73.39
E	7	14	S	34	E	13431		SEO	02/14/198	70.77
C	8	14	S	34	E	12310		SEO	01/30/199	63.45

## NOTICE OF PUBLICATION

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, 1220 South Saint Frances Drive, Santa Fe, New Mexico 87505, telephone (505)476-3440:

**Saunders Landfarm, Eddie Seay, Agent, 601 W. Illinois, Hobbs, New Mexico 88242, has submitted for approval an application to construct and expand its 711 permitted commercial landfarm, soil remediation facility located in the W 1/2 of NW 1/4 of the SW 1/4 of Section 7, Township 14 South, Range 34 East, NMPM, Lea County, New Mexico. RCRA exempt and non-hazardous soils associated with oil and gas production operations 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 at a depth of approximately 70 feet with chloride concentration of approximately 64 milligrams per liter and total dissolved solids concentration approximately 409 milligrams per liter. The facility is underlain by Quaternary dune sands and the Ogallala formation. 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 am and 4:00 pm, 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 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, 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.



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

March 11, 2005

Mr. Roy D. Fort  
Saunders Landfarm, LLC  
394 State Highway 206  
Lovington, NM 88260

Re: Saunders Commercial Landfarm  
NMOCD Permit NM-1-038

Dear Mr. Fort:

The above surface waste management facility was inspected by the New Mexico Oil Conservation Division on February 14, 2005 and found the site to be well managed and maintained. No permit deficiencies were noted at the time of the inspection. Please extend my thanks to Mr. Eddie Seay for his cooperation during the inspection.

If you have any questions, contact me at (505) 476-3492 or [emartin@state.nm.us](mailto:emartin@state.nm.us)

NEW MEXICO OIL CONSERVATION DIVISION

Edwin E. Martin  
Environmental Engineer

cc: NMOCD, Hobbs



**Saunders**  
Landfarm, L.L.C.

OCD NM-01-0038  
W2 SW2 SW4 SEC7 T14S. R343  
EMERGENCY PHONE #  
505-399-2200 / 505-631-9202

2. 14. 2005

January 18, 2005

RECEIVED

JAN 21 2005

NMOCD Environmental  
ATTN: Ed Martin  
Box 6429  
1220 S. Saint Francis Drive  
Santa Fe, NM 87504

Oil Conservation Division  
1220 S. Saint Francis Drive  
Santa Fe, NM 87505

RE: Saunders Landfarm

Mr. Martin:

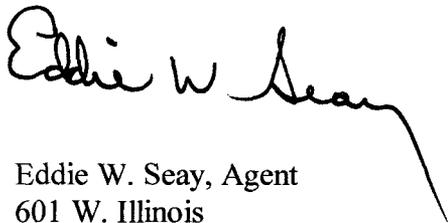
Find attached a C-137 noting modifications to the original permit and the signed document from the Saunders operators.

First of all, the address has been changed for any correspondence with Saunders. The new address is HC 70 Box 7C, Lovington, NM 88260. Secondly, Saunders plans on receiving drill cutting materials from oil and gas reserve pits. These pits contain drilling mud, oil residue, formation soil and small amounts of chloride material. We will accept only bulk material free of fluid. All material will be kept isolated, spread and disked as permit requires.

It is my belief that unless you have fluid to cause the salts to become mobile, it will not adversely affect public health or the environment. For our own protection and the protection of the groundwater, we plan to install a down gradient monitor well in the future. This well will be monitored on a regular schedule with results maintained in our files.

If you have any questions or need additional information, please call.

Sincerely,



Eddie W. Seay, Agent  
601 W. Illinois  
Hobbs, NM 88242  
(505)392-2236  
e-mail: seay04@leaco.net

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-137  
Revised June 10, 2003

Submit Original Plus 1  
Copy to Santa Fe  
1 Copy Appropriate  
District Office

### APPLICATION FOR WASTE MANAGEMENT FACILITY

(Refer to the OCD Guidelines for assistance in completing the application)

Commercial  Centralized

1. Type:  Evaporation  Injection  Other  
 Solids/Landfarm  Treating Plant

2. Operator: Fort Ranch (Saunders Landfarm)

Address: HC 70 Box 7C Lovington, NM 88260

Contact Person: Roy Fort Phone: (505) 399-2200

W 1/2 of SW 1/4 of SW 1/4

3. Location:        /4        /4 Section   7   Township  14S  Range  34E 

Submit large scale topographic map showing exact location

4. Is this a modification of an existing facility?  Yes  No

5. Attach the name and address of the landowner of the facility site and landowners of record within one mile of the site.

6. Attach description of the facility with a diagram indicating location of fences, pits, dikes, and tanks on the facility.

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.

8. Attach a contingency plan for reporting and clean-up for spills or releases.

9. Attach a routine inspection and maintenance plan to ensure permit compliance.

10. Attach a closure plan.

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.

12. Attach proof that the notice requirements of OCD Rule 711 have been met.

13. Attach a contingency plan in the event of a release of H<sub>2</sub>S.

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: Eddie W. Seay

Title: Agent

Signature: Eddie W Seay

Date: 1-19-05

E-mail Address: seay04@leaco.net



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**  
Governor  
**Joanna Prukop**  
Cabinet Secretary

September 17, 2004

**Mark E. Fesmire, P.E.**  
Director  
Oil Conservation Division

Mr. Roy D. Fort  
Saunders Landfarm, LLC  
394 State Highway 206  
Lovington, NM 88260

Dear Mr. Fort:

Since the New Mexico Oil Conservation Division (NMOCD) promulgated Rule 50 covering pits and below-grade tanks, there has arisen a need, in certain circumstances, for operators to transport their drill cuttings off-site and dispose of them.

NMOCD Rule 711, as it pertains to landfarms, does not specifically address the issue of exempt oilfield wastes that may be contaminated with salts. Your landfarm application and permit were written with only hydrocarbon-contaminated soils in mind. Salt-contaminated wastes cause the following problems:

1. Lessening the effectiveness of the biodegradation capacity of your landfarm
2. Rapid leachability causing adverse effects on groundwater

If you want to accept salt-contaminated cuttings or any other salt-contaminated wastes, your 711 permit must be modified to ensure that your acceptance of those wastes will not adversely affect public health or the environment.

Please check one of the following:

I have accepted or intend to accept salt-contaminated wastes in my landfarm. An OCD form C-137, applying for a modification to my 711 permit is attached. Included, as an attachment, is a demonstration that the accepted salt-contaminated soils will not adversely affect groundwater in the foreseeable future. (Closure requirements will also require modification to ensure the protection of groundwater. Should your acceptance of salt-contaminated wastes prove detrimental to groundwater, future liability for such damage rests with the landfarm operator).

I do not intend to accept salt-contaminated wastes in my landfarm. Should this condition change, I will submit an OCD Form C-137 for a modification to my 711 permit at that time.

New Mexico Oil Conservation Division  
Attn: Ed Martin  
1220 S. St. Francis  
Santa Fe, NM 87505

This letter must be returned to the above address no later than October 31, 2004. An extension of time may be granted if you contact this office no later than that date.

If you have any questions, contact Ed Martin (505) 476-3492 or emartin@state.nm.us

Signed La Jean Burnett Date 1-10-05



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

September 17, 2004

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

Mr. Roy D. Fort  
Saunders Landfarm, LLC  
394 State Highway 206  
Lovington, NM 88260

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I do not intend to accept salt-contaminated wastes in my landfarm. Should this condition change, I will submit an OCD Form C-137 for a modification to my 711 permit at that time.

New Mexico Oil Conservation Division  
Attn: Ed Martin  
1220 S. St. Francis  
Santa Fe, NM 87505

This letter must be returned to the above address no later than October 31, 2004. An extension of time may be granted if you contact this office no later than that date.

If you have any questions, contact Ed Martin (505) 476-3492 or [emartin@state.nm.us](mailto:emartin@state.nm.us)

Signed \_\_\_\_\_

Date \_\_\_\_\_



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**  
Cabinet Secretary

September 3, 2003

**Lori Wrotenberg**

Director

**Oil Conservation Division**

Mr. Roy D. Fort  
Saunders Landfarm, L.L.C.  
394 State Hwy. 206  
Lovington, NM 88260

**RE: Inspection Report**  
**Saunders Landfarm, L.L.C. Permit NM-01-0038**  
**W/2 SW/2 SW/4 of Section 7, Township 14 South, Range 34 East, NMPM,**  
**Lea County, New Mexico**

Dear Mr. Fort:

The New Mexico Oil Conservation Division (OCD) inspected Saunders Landfarm, L.L.C. (Saunders) on August 11, 2003. The OCD found the facility to be under the final stages of construction. The facility had a locking gate, fence and was bermed. The sign for the facility was in place and it contained all of the required information, however, it did contain a type-o. The Range was written as R 343 instead of R 34 E. Saunders must correct the legal location on the entrance sign. At the time of the inspection waste had not yet been accepted into the facility. A file review shows that Saunders has submitted the background analytical report for the soil at the facility. A review of the financial assurance portion of Permit NM-01-0038 finds that the OCD has not yet received the \$25,000 required financial assurance. Saunders may not operate or receive any waste into the facility until the financial assurance has been received and approved by the OCD.

Saunders shall provide the OCD with a description of how the deficiency will be corrected and a time as to when it will be completed. Saunders must respond to the permit deficiency by October 3, 2003

Please give me a call at (505) 476-3488 if you have any questions.

Sincerely

Martyne J. Kielling

xc: Hobbs OCD Office

## Kieling, Martyne

---

**From:** Kieling, Martyne  
**Sent:** Friday, November 08, 2002 9:24 AM  
**To:** Valdes, Kathy  
**Subject:** For the next docket

Kathy,

Attached please find a notice to be placed in the next docket to go out.



DOCKET.doc

Thanks so much!!

*Martyne J. Kieling*

Martyne J. Kieling  
Environmental Geologist

## NOTICE

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, 1220 South Saint Frances Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

**Saunders Landfarm, Eddie Seay, Agent, 601 W Illinois, Hobbs, New Mexico, 88242 has submitted for approval an application to construct and operate a Rule 711 commercial surface waste management facility located in the S/2 NE/4 and the W/2 SW/4 SW/4 of Section 7, Township 14 South, Range 34 East, NMPM, Lea County, New Mexico. Hydrocarbon contaminated soils associated with oil and gas production operations 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 at a depth of approximately 70 feet with chloride concentration of approximately 64 milligrams per liter and total dissolved solids concentration approximately 409 milligrams per liter. The facility is underlain by Quaternary dune sands and the Ogallala Formation. 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 or at or at the Hobbs district office at 1625 N. French Drive, Hobbs, New Mexico 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 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.



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON  
Governor  
Betty Rivera  
Cabinet Secretary

Lori Wrotenberg  
Director  
Oil Conservation Division

November 8, 2002

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. 7001-1940-0004-3929-8171**

Mr. Eddie Seay  
Saunders Landfarm  
601 W. Illinois  
Hobbs, NM 88242

**RE: Public Notice for Saunders Landfarm  
Commercial Landfarm Permit Application  
W/2 SW/4 SW/4 of Section 7, Township 14 South, Range 34 East, NMPM,  
Lea County, New Mexico**

Dear Mr. Seay:

The New Mexico Oil Conservation Division (OCD) has received the Saunders Landfarm application for a commercial waste management facility dated October 28, 2002. The application proposes the construction of a landfarm soil remediation OCD Rule 711 facility. The facility is located in the W/2 SW/4 SW/4 of Section 7, Township 14 South, Range 34 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 Saunders Landfarm must published in the Lovington Daily Leader newspaper. Saunders Landfarm must send the original certified affidavit of publication from the Lovington Daily Leader to the OCD Santa Fe office and a copy to the appropriate District office.

In addition, Saunders Landfarm must give written notice to all surface owners of record within one mile of the proposed facility and to the county commission that the proposed facility is to be located.

If you have any questions please do not hesitate to contact me at (505) 476-3488.

Sincerely,

Martyne J. Kieling  
Environmental Geologist

xc: with attachments: Hobbs OCD Office

Oil Conservation Division \* 1220 South St. Francis Drive \* Santa Fe, New Mexico 87505  
Phone: (505) 476-3440 \* Fax (505) 476-3462 \* <http://www.emnrd.state.nm.us>

## NOTICE OF PUBLICATION

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, 1220 South Saint Frances Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

**Saunders Landfarm, Eddie Seay, Agent, 601 W Illinois, Hobbs, New Mexico, 88242, has submitted for approval an application to construct and operate a Rule 711 commercial landfarm soils remediation facility located the S/2 NE/4 and the W/2 SW/4 SW/4 of Section 7, Township 14 South, Range 34 East, NMPM, Lea County, New Mexico. Hydrocarbon contaminated soils associated with oil and gas production operations 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 at a depth of approximately 70 feet with chloride concentration of approximately 64 milligrams per liter and total dissolved solids concentration approximately 409 milligrams per liter. The facility is underlain by Quaternary dune sands and the Ogallala Formation. 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 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.

RECEIVED

DEC 02 2002

Environmental Bureau  
Oil Conservation Division

November 26, 2002

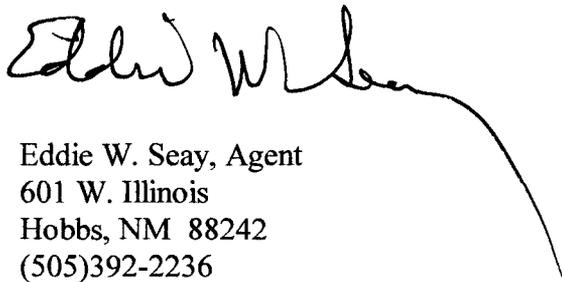
Martyne J. Kieling  
NMOCD Environmental  
Box 6429  
1220 S. Saint Francis Drive  
Santa Fe, NM 87504

RE: Saunders Landfarm

Mrs. Kieling:

Find within the legal advertisement as you requested. If you have any questions, please call.

Sincerely,



Eddie W. Seay, Agent  
601 W. Illinois  
Hobbs, NM 88242  
(505)392-2236

# Affidavit of Publication

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

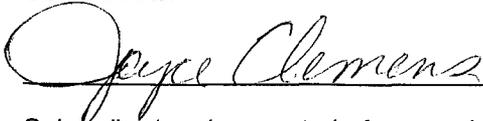
Joyce Clemens being first duly sworn on oath deposes and says that she is Advertising Director of **THE LOVINGTON DAILY LEADER**, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county 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

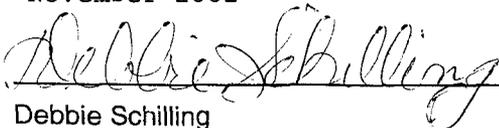
Legal Notice

was published in a regular and entire issue of **THE LOVINGTON DAILY LEADER** and not in any supplement thereof, for one (1) day, beginning with the issue of November 12, 2002 and ending with the issue of November 12, 2002.

And that the cost of publishing said notice is the sum of \$ 49.50 which sum has been (Paid) as Court Costs.



Subscribed and sworn to before me this 19th day of November 2002



Debbie Schilling

Notary Public, Lea County, New Mexico

My Commission Expires June 22, 2006

Mexico. Hydrocarbon contaminated soils associated with oil and gas production operations will be remediated by spreading them on the ground surface in 6 inch lifts or less and periodically disk-ing them to enhance biodegradation of contaminants. Ground water most likely to be affected by any accidental discharges at the surface is at a depth of approximately 70 feet with chloride concentration of approximately 64 milligrams per liter and total dissolved solids concentration approximately 409 milligrams per liter. The facility is underlain by Quaternary dune sands and the Ogallals Formation. The permit application addresses the construction, operations, spill/leak prevention and monitoring procedures to be incorporate at the proposed site.

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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.

Published in the Lovington Daily Leader November 12, 2002

## LEGAL NOTICE NOTICE OF PUBLICATION

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, 1220 South Saint Frances Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

Saunders Landfarm, Eddie Seay, Agent, 601 W. Illinois, Hobbs, New Mexico, 88242, has submitted for approval an application to construct and operate a Rule 711 commercial landfarm soils remediation facility located the S/2 NE/4 and the W/2 SW/4 SW/4 of Section 7, Township 14 South, Range 34 East, NMPM, Lea County, New

**Kieling, Martyne**

---

**From:** Kieling, Martyne  
**Sent:** Friday, November 08, 2002 9:24 AM  
**To:** Valdes, Kathy  
**Subject:** For the next docket

Kathy,

Attached please find a notice to be placed in the next docket to go out.



DOCKET.doc

Thanks so much!!

*Martyne J. Kieling*  
Martyne J. Kieling  
Environmental Geologist

## NOTICE OF PUBLICATION

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, 1220 South Saint Frances Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

**Saunders Landfarm, Eddie Seay, Agent, 601 W Illinois, Hobbs, New Mexico, 88242, has submitted for approval an application to construct and operate a Rule 711 commercial landfarm soils remediation facility located the S/2 NE/4 and the W/2 SW/4 SW/4 of Section 7, Township 14 South, Range 34 East, NMPM, Lea County, New Mexico. Hydrocarbon contaminated soils associated with oil and gas production operations 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 at a depth of approximately 70 feet with chloride concentration of approximately 64 milligrams per liter and total dissolved solids concentration approximately 409 milligrams per liter. The facility is underlain by Quaternary dune sands and the Ogallala Formation. 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 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.



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**  
Governor  
**Betty Rivera**  
Cabinet Secretary

**Lori Wrotenbery**  
Director  
Oil Conservation Division

November 8, 2002

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. 7001-1940-0004-3929-8171**

Mr. Eddie Seay  
Saunders Landfarm  
601 W. Illinois  
Hobbs, NM 88242

**RE: Public Notice for Saunders Landfarm  
Commercial Landfarm Permit Application  
W/2 SW/4 SW/4 of Section 7, Township 14 South, Range 34 East, NMPM,  
Lea County, New Mexico**

Dear Mr. Seay:

The New Mexico Oil Conservation Division (OCD) has received the Saunders Landfarm application for a commercial waste management facility dated October 28, 2002. The application proposes the construction of a landfarm soil remediation OCD Rule 711 facility. The facility is located in the W/2 SW/4 SW/4 of Section 7, Township 14 South, Range 34 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 Saunders Landfarm must published in the Lovington Daily Leader newspaper. Saunders Landfarm must send the original certified affidavit of publication from the Lovington Daily Leader to the OCD Santa Fe office and a copy to the appropriate District office.

In addition, Saunders Landfarm must give written notice to all surface owners of record within one mile of the proposed facility and to the county commission that the proposed facility is to be located.

If you have any questions please do not hesitate to contact me at (505) 476-3488.

Sincerely,

Martyne J. Kieling  
Environmental Geologist

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xc: with attachments: Hobbs OCD Office

Oil Conservation Division \* 1220 South St. Francis Drive \* Santa Fe, New Mexico 87505  
Phone: (505) 476-3440 \* Fax (505) 476-3462 \* <http://www.emnrd.state.nm.us>

## NOTICE

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**Saunders Landfarm, Eddie Seay, Agent, 601 W Illinois, Hobbs, New Mexico, 88242 has submitted for approval an application to construct and operate a Rule 711 commercial surface waste management facility located in the S/2 NE/4 and the W/2 SW/4 SW/4 of Section 7, Township 14 South, Range 34 East, NMPM, Lea County, New Mexico. Hydrocarbon contaminated soils associated with oil and gas production operations 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 at a depth of approximately 70 feet with chloride concentration of approximately 64 milligrams per liter and total dissolved solids concentration approximately 409 milligrams per liter. The facility is underlain by Quaternary dune sands and the Ogallala Formation. 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 or at or at the Hobbs district office at 1625 N. French Drive, Hobbs, New Mexico 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 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.

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

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

Form C-137  
Originated 8/8/95

RECEIVED

OCT 30 2002

Environmental Bureau  
Oil Conservation Division

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)

Commercial

Centralized

1. Type:  Evaporation  Injection  Other  
 Solids/Landfarm  Treating Plant

2. Operator: Fort Ranch (Saunders Landfarm)

Address: 394 State Hwy 206, Lovington, NM 88260

Contact Person: Roy Dee Fort Phone: (505) 399-2200  
W 1/2 of SW 1/4 of SW 1/4

3. Location: XXX Section 7 Township 14 S. Range 34 E.

Submit large scale topographic map showing exact location

4. Is this a modification of an existing facility?  Yes  No
5. Attach the name and address of the landowner of the facility site and landowners of record within one mile of the site.
6. Attach description of the facility with a diagram indicating location of fences, pits, dikes, and tanks on the facility.
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.
8. Attach a contingency plan for reporting and clean-up for spills or releases.
9. Attach a routine inspection and maintenance plan to ensure permit compliance.
10. Attach a closure plan.
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.
12. Attach proof that the notice requirements of OCD Rule 711 have been met.
13. Attach a contingency plan in the event of a release of H<sub>2</sub>S.
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: Eddie W. Seay

Title: Agent

Signature: Eddie W. Seay

Date: 10-28-02

- 2) Saunders Landfarm  
Roy Dee Fort
- 3) W 1/2 of the SW 1/4 of the SW 1/4 of Section 7, Tws. 14 S., Range 34 E., Lea Co.  
a 20 acre tract
- 4) No
- 5) Attachment - Landowners of Record within 1 mile.
- 6) The 20 acre proposed site will be operated according to OCD guidelines as set forth in the permit.
  - a) The entire facility will be fenced with 4 strain barbed wire.
  - b) A 100 ft. buffer zone will be maintained around the facility.
  - c) Berms will be installed around the site to direct runoff and run-on of rainwater. These berms will be constructed 3 ft. wide x 2 ft. high, this should control and contain any moisture from a 100 yr. flood. Also, water will not be allowed to pond. Any excess rain will be vacuumed up and taken to an approved disposal.
  - d) All accesses and gates will be locked at all times.
  - e) Soils will only be allowed when landfarm personnel are on location and only with proper documentation.
  - f) The permit area is located approximately 200 yds. North of road C-68, Northwest of Lovington, NM. There are no pipelines running through the property, only an electric line on the extreme South end.
  - g) A sign will be posted at entrance and will detail all the OCD requirements, phone, permit no., name, etc.
- 7) Diagram within.
- 8) Saunders Landfarm will adhere to OCD Rule 116.
  - a) Report any accidental discharge by phone immediately.
  - b) Cleanup and/or remediate according to OCD policy.
  - c) File written reports as necessary.
- 9) Inspection and Maintenance Plan
  - a) The facility will be fenced and gates locked at all times. Personnel will be on location at all times when material is being hauled, and each load will be documented.
  - b) When and if any water accumulated on the property from rain, it will be vacuumed up and hauled to an approved OCD disposal.
  - c) Water may be added to the landfarm from time to time for dust control and to enhance remediation and will help keep any odor down, if that were to occur.
  - d) Berms will be inspected and maintained on a routine basis so as to prevent erosion, especially after rainfall or windstorm.

e) Because a landfarm is designed to remediate contaminated soils and not transfer contaminants into underlying native soil and/or groundwater, "Treatment Zone Monitoring" will be used at the facility. The treatment zone monitoring will consist of:

- 1) Test the background soil at the facility at a depth of 2 to 3 ft. The samples will be analyzed for TPH, BTEX, Cations/Anions and heavy metals using approved EPA methods.
- 2) A treatment zone not to exceed 3 ft. beneath the landfarm will be monitored. Samples will be taken from each cell on a quarterly schedule and analyzed for BTEX and TPH and for BTEX, TPH, Cations/Anions and heavy metals annually. All Sample holes will be filled with an impermeable material such as cement or bentonite. All test results will be submitted to the OCD in Santa Fe.
- 3) Only exempt oil and gas waste will be accepted at the landfarm unless special approval by OCD. The material accepted will have documentation as to where, what company, who delivered it and signed by an authorized company person. The material will be hauled in by truck, spread in 6 in. lifts and disked every other week.
- 4) A new lift may be added only after testing and approval from OCD.

10) Closure Plan: once Saunders has stopped operations, it is estimated that it will take approximately two years to finish remediating what soils are left in the landfarm. We will continue to disk, test, and monitor until facility meets with OCD guidelines. After all criteria is met, the area will be leveled, contoured and seeded.

Closure cost for this two year period is as follows:

(Estimating that there will be 4-five acre cells in use at time of closure)

Analytical tests for 2 years	
BTEX - 8 quarters - \$40.00 x 4	\$ 1,280
TPH - 8 quarters - \$50.00 x 4	\$ 1,600
Metals - 2 years - \$200.00 x 4	\$ 1,600
Cations/Anions - 2 years - \$100.00 x 2	\$ 400
	-----
TOTAL	\$ 4,880

Quarterly sampling, time and labor for 4 cells

Labor at \$50.00 per hour

30 Minutes per cell

4 cells equals 2 hours per sampling event plus 1 hr. for report

3 hrs. x \$50.00 x 8 quarters

TOTAL	\$1,200
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**LANDOWNERS OF RECORD WITHIN 1 MILE  
AND  
NOTICE REQUIREMENT**

Lea County Commissioner  
100 N. Main, Suite. 4  
Lovington, NM 88260

State of New Mexico Land Office  
310 Old Santa Fe Trail  
Box 1148  
Santa Fe, NM 87514-1148

Troy Fort Family Trust  
Box 998  
Lovington, NM 88260

Norman Hahn (Landowner)  
HC 61, Box 75  
Jayton, TX 79524

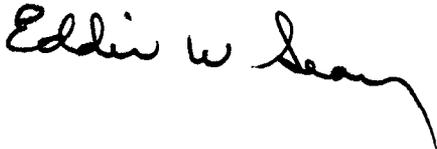
October 25, 2002

Dear Landowner:

Pursuant to the rules of the NMOCD, Saunders Landfarm is seeking application with the New Mexico Oil Conservation Division to operate a commercial land treatment facility. The facility, a 20 acre tract of land, is located in the W 1/2 of the SW 1/4 of the SW 1/4 of Section 7, Tws. 14 S., Range 34 E., Lea Co., New Mexico. The facility is seeking to remediate RCRA exempt and characteristically non-hazardous hydrocarbon contaminated soils associated with oil and gas production. The soils are remediated by spreading them on the ground surface in 6 in. lifts or less and periodically disking them to enhance natural remediation of the contaminants. The facility will be owned and operated by Roy Dee Fort.

Any questions about the application may be directed to Eddie W. Seay, (505)392-2236 or 601 W. Illinois, Hobbs, NM 88242. Any protest or comments may be directed to the Oil Conservation Division, Box 6429, 1220 S. Saint Francis Dr., Santa Fe, NM 87505, (505)476-3440, within 30 days.

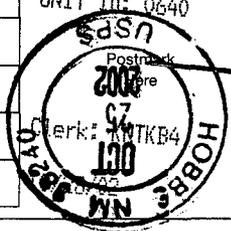
Thank you,

A handwritten signature in cursive script that reads "Eddie W. Seay". The signature is written in black ink and is positioned above the typed name.

Eddie W. Seay, Agent

**U.S. Postal Service**  
**CERTIFIED MAIL RECEIPT**  
*(Domestic Mail Only; No Insurance Coverage Provided)*

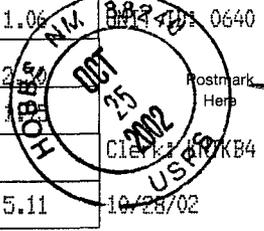
7001 2510 0007 2764 8930  
**OFFICIAL USE**  
 ARROYO SECO, NM 87514

Postage	\$ 1.06	UNIT ID: 0640 
Certified Fee	2.30	
Return Receipt Fee (Endorsement Required)	1.75	
Restricted Delivery Fee (Endorsement Required)		
<b>Total Postage &amp; Fees</b>	<b>\$ 5.11</b>	

Sent To  
**State Land Office**  
 310 Old Santa Fe Trail  
 Street, Apt. No., or PO Box No. **Box 1148**  
 City, State, ZIP+4 **Santa Fe, NM 87514-1148**

**U.S. Postal Service**  
**CERTIFIED MAIL RECEIPT**  
*(Domestic Mail Only; No Insurance Coverage Provided)*

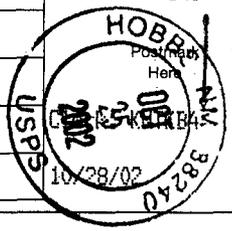
7001 2510 0007 2764 8908  
**OFFICIAL USE**  
 LOVINGTON, NM 88260

Postage	\$ 1.06	UNIT ID: 0640 
Certified Fee	2.30	
Return Receipt Fee (Endorsement Required)	1.75	
Restricted Delivery Fee (Endorsement Required)		
<b>Total Postage &amp; Fees</b>	<b>\$ 5.11</b>	

Sent To  
**Lea County Commissioner**  
 Street, Apt. No., or PO Box No. **100 N. Main, Suite 4**  
 City, State, ZIP+4 **Lovington, NM 88260**

**U.S. Postal Service**  
**CERTIFIED MAIL RECEIPT**  
*(Domestic Mail Only; No Insurance Coverage Provided)*

7001 2510 0007 2764 8916  
**OFFICIAL USE**  
 JAYTON, TX 79528-9801

Postage	\$ 1.06	UNIT ID: 0640 
Certified Fee	2.30	
Return Receipt Fee (Endorsement Required)	1.75	
Restricted Delivery Fee (Endorsement Required)		
<b>Total Postage &amp; Fees</b>	<b>\$ 5.11</b>	

Sent To  
**Norman Hahn**  
 Street, Apt. No., or PO Box No. **HC 61 Box 75**  
 City, State, ZIP+4 **Jayton, TX 79528**

**U.S. Postal Service**  
**CERTIFIED MAIL RECEIPT**  
*(Domestic Mail Only; No Insurance Coverage Provided)*

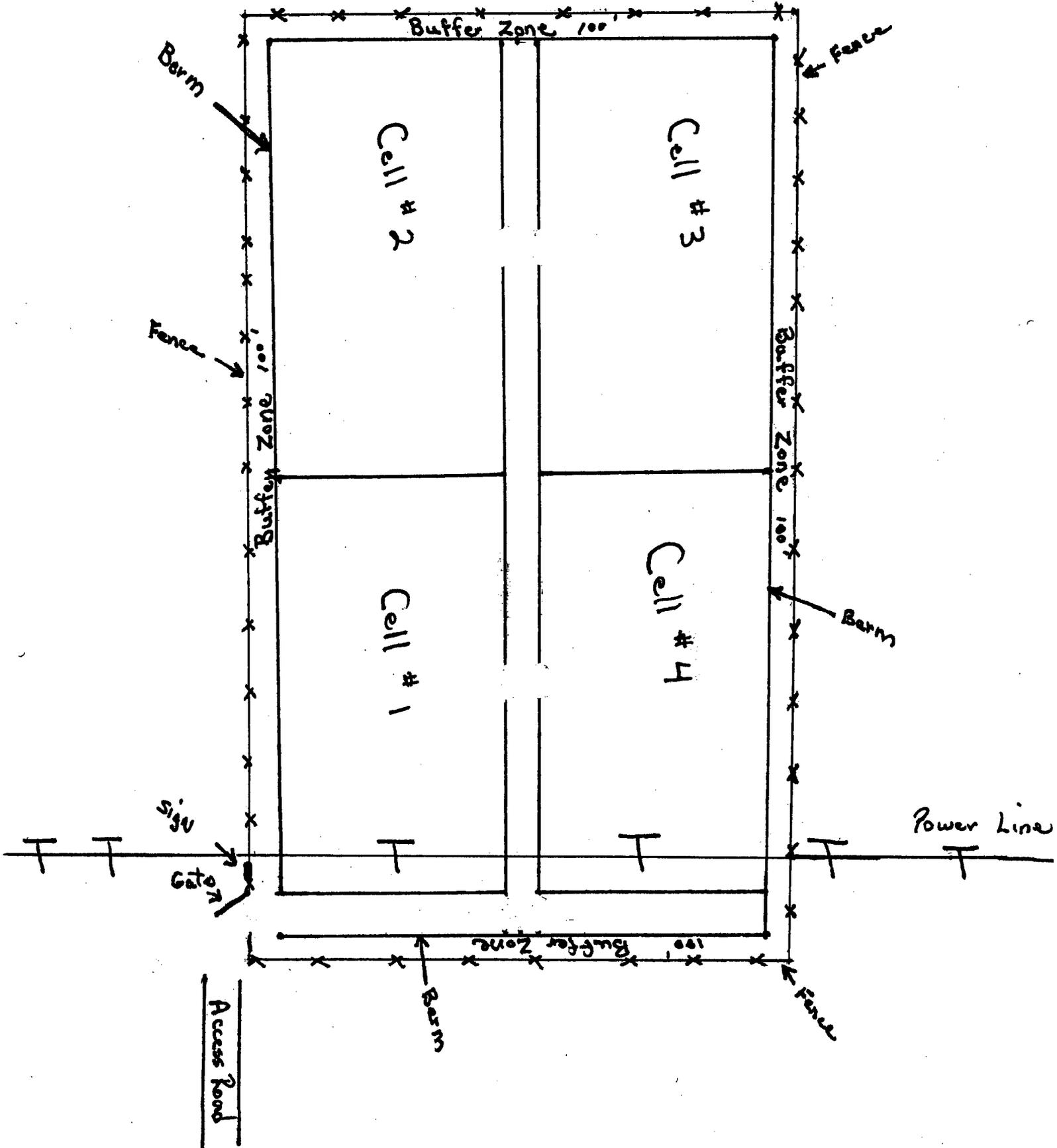
7001 2510 0007 2764 8923  
**OFFICIAL USE**  
 LOVINGTON, NM 88260

Postage	\$ 1.06	UNIT ID: 0640 
Certified Fee	2.30	
Return Receipt Fee (Endorsement Required)	1.75	
Restricted Delivery Fee (Endorsement Required)		
<b>Total Postage &amp; Fees</b>	<b>\$ 5.11</b>	

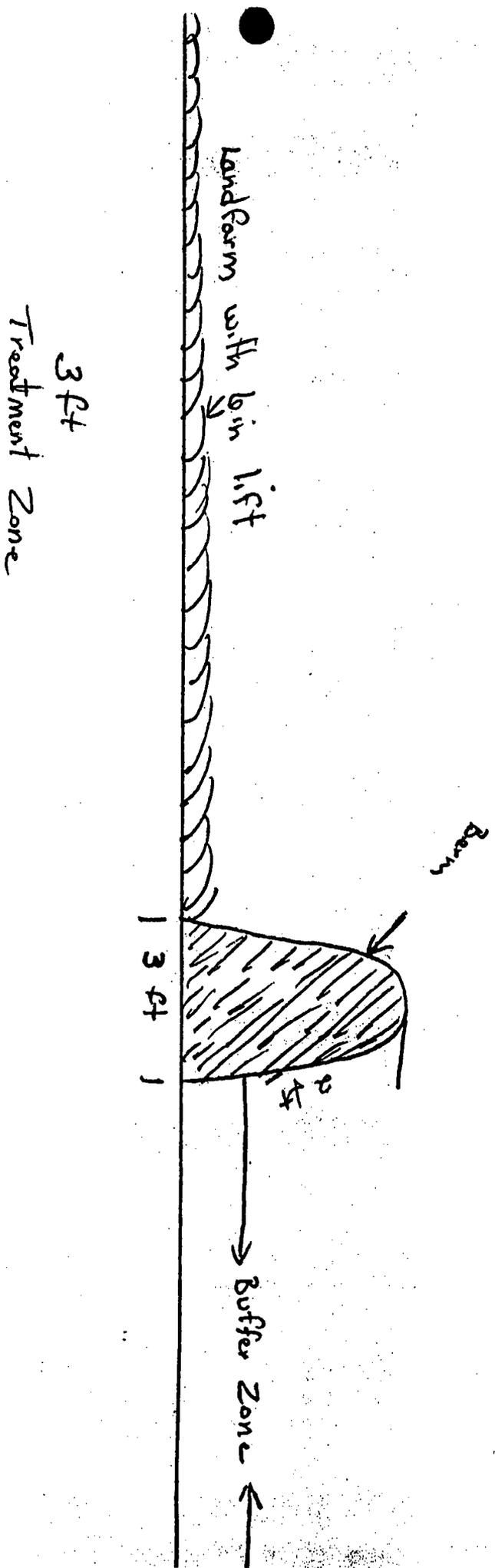
Sent To  
**Troy Fort Family Trust**  
 Street, Apt. No., or PO Box No. **Box 998**  
 City, State, ZIP+4 **Lovington, NM 88260**

# Saunders Landfarm

N  
↑



SAUNDERS  
LANDFARM  
SECT 7-T.14-R.34



Fence →



"N.M. St. No. 2"

T. Fort Fam Trust (S)

Yates Pet., etal

Yates Pet. etal

Yates Pet., etal

Yates Pet., etal

12

D. Fosken  
"Pen Am. St."

Yates Pet.

LG-2414

13

Fosken  
"Pen Am. St."

"Dome Nonombre ANZ'S"

State

Permian Basin  
Acq. Fund

Yates Pet. etal

U.S. M.I.  
Troy C. Ford, S. M.I.

Permian Basin  
Acq. Fund

12

U.S. M.I.  
Troy C. Ford S. M.I.

Yates Pet. etal

Steve Goss  
Midwest-St.

18

NONOMBRE

State

Permian Basin  
Acq. Fund

Yates Pet. etal

Midwest  
New Mex. - 1-5

Yates Pet. etal

12

U.S. M.I.  
Troy C. Ford S. M.I.

Yates Pet. etal

Breck Oper.

17

State, M.I.  
Tucson Fields

Yates Pet. etal

Yates Pet. etal

Yates Pet. etal

Yates Pet. etal

1

Yates Pet. etal

Breck Oper.

F232

16

State

Yates Pet. etal

Yates Pet. etal

Yates Pet. etal

Yates Pet. etal

9

Yates Pet. etal

Breck Oper.

F232

16

Owner# 0060288  
FORT, TROY C FAMILY TRUST

|R=res,N=non res| full values  
NLand 19488 N-Imp 3480

BOX 998

LOVINGTON, NM 88260 0000

Dist 280 fin 000 Taxbl 7656

---	PROPERTY DESCRIPTIONS---	CODE/DESCRIPTION	QTY	RATE	1/3	VALUE
4000602880003	BK-000 PG-00000					
SECTION-07 TOWNSHIP-14S RANGE-34E						
644.18 AC ALL						

CURRENT

CMD-7=EOJ, 9=Reselect

1818	L	06600	6600	BILLY F	248	T06	85/02/18	SED	51K	145.32E.14.22322	4288.00	VT	0
1819	L	06600	6600	BILLY F	248	T06	76/08/06	SED	51K	145.32E.14.22322	4288.00	VT	0
1820	L	06600	6600	BILLY F	248	T06	90/07/17	SED	51K	145.32E.14.22322	4288.00	DP	0
1821	L	06315	6315	TOLK J W	290	T06	79/10/25	SED	DDM	145.32E.18.111113	4371.00	VT	0
1822	L	06315	6315	TOLK J W	290	T06	84/11/27	SED	DDM	145.32E.18.111113	4371.00	VT	0
1823	L	06315	6315	TOLK J W	290	T06	90/07/17	SED	DDM	145.32E.18.111113	4371.00	VT	0
1824	L	06552	6552	DEAN JERRY	225	T06	76/07/08	SED	51K	145.32E.35.534432	4272.00	DP	0
1825	L	06552	6552	DEAN JERRY	225	T06	84/11/27	SED	51K	145.32E.35.534432	4272.00	DP	0
1826	L	06552	6552	DEAN JERRY	225	T06	90/06/26	SED	51K	145.32E.35.534432	4272.00	DP	0
1827	L	06552	6552	DEAN JERRY	220	T06	79/07/19	SED	51K	145.32E.36.142224	4261.00	DP	0
1828	L	06552	6552	DEAN JERRY	220	T06	84/11/27	SED	51K	145.32E.36.142224	4261.00	DP	0
1829	L	05261	5261	TOLK BERALDINE	175	T06	79/11/15	SED	51K	145.33E.07.21222	4268.00	VT	0
1830	L	05261	5261	TOLK BERALDINE	175	T06	84/11/27	SED	51K	145.33E.07.21222	4268.00	VT	0
1831	L	05261	5261	TOLK BERALDINE	175	T06	90/07/17	SED	DDM	145.33E.07.21222	4268.00	DP	0
1832	L	02787	2787	HILBURN RAY	150	T06	79/11/15	SED	DDM	145.33E.14.12313A	4192.00	DP	0
1833	L	02787	2787	HILBURN RAY	150	T06	84/11/12	SED	51K	145.33E.14.12313A	4192.00	DP	0
1834	L	02787	2787	HILBURN RAY	150	T06	90/06/25	SED	51K	145.33E.14.12313A	4192.00	DP	0
1835	L	02787	2787	HILBURN TRUST	0	T06	61/05/03	SED	51K	145.33E.24.42422	4167.00	DP	0
1836	L	01912	1912	GULF WARREN	269	T06	61/05/03	SED	PPP	145.33E.34.34444	4197.00	DP	0
1837	L	01912	1912	GULF WARREN	269	T06	71/08/18	SED	PPP	145.33E.34.34444	4197.00	DP	0
1838	L	01912	1912	GULF WARREN	131	T06	61/05/03	SED	DDM	145.33E.35.41233	4180.00	DP	0
1839	L	01911	1911	ETCHEVERY JOHN	0	T06	79/11/15	SED	51K	145.33E.36.144143A	4172.00	DP	0
1840	L	01911	1911	ETCHEVERY JOHN	0	T06	84/11/12	SED	51K	145.33E.36.144143A	4172.00	DP	0
1841	L	01911	1911	ETCHEVERY JOHN	0	T06	84/11/12	SED	51K	145.33E.36.144143A	4172.00	DP	0
1842	L	01911	1911	ETCHEVERY JOHN	0	T06	85/03/07	SED	51K	145.34E.07.13431	4170.00	DP	0
1843	L	01912	1912	FORT TROY	83	T06	85/05/07	SED	51K	145.34E.08.12310	4159.00	DP	0
1844	L	01912	1912	FORT TROY	0	T06	85/03/07	SED	51K	145.34E.09.11424	4141.00	DP	0
1845	L	01912	1912	ANDERSON W A	0	T06	79/11/08	SED	51K	145.34E.11.24420	4096.00	DP	0
1846	L	01912	1912	ANDERSON W A	0	T06	84/11/12	SED	51K	145.34E.11.24420	4096.00	DP	0
1847	L	01912	1912	FORT TROY	0	T06	79/11/16	SED	51K	145.34E.16.23430	4127.00	DP	0
1848	L	01912	1912	FORT TROY	0	T06	84/11/12	SED	51K	145.34E.16.23430	4127.00	DP	0
1849	L	01912	1912	ETCHEVERY JOHN	0	T06	79/11/15	SED	51K	145.34E.29.13332	4136.00	DP	0
1850	L	01912	1912	ETCHEVERY JOHN	0	T06	84/11/12	SED	51K	145.34E.29.13332	4136.00	DP	0
1851	L	01912	1912	FORT TROY	0	T06	79/11/15	SED	51K	145.34E.34.22112	4096.00	TANK	0
1852	L	01912	1912	FORT TROY	0	T06	85/07/25	SED	51K	145.34E.34.22112	4096.00	DP	0
1853	L	01912	1912	ELKAN CLARA	63	T06	79/11/15	SED	51K	145.35E.03.43241	4025.00	DP	0
1854	L	01912	1912	ELKAN CLARA	63	T06	84/11/28	SED	51K	145.35E.03.43241	4025.00	DP	0
1855	L	01912	1912	MIGGINS H J	80	T06	79/11/08	SED	51K	145.35E.06.32434	4078.00	DP	0
1856	L	01912	1912	MIGGINS H J	80	T06	84/11/28	SED	51K	145.35E.06.32434	4078.00	DP	0
1857	L	01912	1912	MIGGINS H J	115	T06	79/11/15	SED	1RR	145.35E.25.22434	3976.00	DP	0

# GRWES

10/22/2002

Slul	Slsec	Slitwn	Slmors	Slrng	Sleorw	Spotloc	Addlocinfo	Datasourc1	Datewlev1	Waterlev1
A	12	14	S	33	E	223144		SEO	02/17/196	78.69
A	12	14	S	33	E	223322		SEO	02/14/198	72.09
H	13	14	S	33	E	243211		SEO	01/30/199	73.39
E	7	14	S	34	E	13431		SEO	02/14/198	70.77
C	8	14	S	34	E	12310		SEO	01/30/199	63.45



PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR  
 EDDIE SEAY CONSULTING  
 ATTN: EDDIE SEAY  
 601 W. ILLINOIS  
 HOBBS, NM 88242  
 FAX TO:

Receiving Date: 10/10/02  
 Reporting Date: 10/15/02  
 Project Number: SAUNDERS  
 Project Name: SAUNDERS LANDFARM  
 Project Location: NW OF LOVINGTON

Sampling Date: 10/10/02  
 Sample Type: GROUNDWATER  
 Sample Condition: COOL & INTACT  
 Sample Received By: AH  
 Analyzed By: AH

LAB NUMBER SAMPLE ID	P-Alkalinity (mg/L)	T-Alkalinity (mg/L)	Hardness (mg/L)	Chloride (mg/L)	Sulfates (mg/L)	pH (s.u.)
ANALYSIS DATE	10/14/02	10/14/02	10/14/02	10/14/02	10/14/02	10/14/02
H7118-1 FORT RANCH #1	0	138	219	64	295	7.33
Quality Control	NR	NR	48	970	49.34	6.96
True Value QC	NR	NR	50	1000	50.00	7.00
% Recovery	NR	NR	96.0	97.0	98.7	99.4
Relative Percent Difference	NR	NR	0	8.0	0.2	0.1

METHODS: EPA 600/4-79-020	-	-	130.2	-	375.4	150.1
Standard Method	2320 B	2320 B	-	4500-Cl-B	-	-

LAB NUMBER SAMPLE ID	Hydroxides (mg/L)	Carbonate (mg/L)	Bicarbonat (mg/L)	Conductivity (umhos/cm)	TDS (mg/L)
ANALYSIS DATE	10/14/02	10/14/02	10/14/02	10/14/02	10/15/02
H7118-1 FORT RANCH #1	0	0	168	647	409
Quality Control	NR	NR	1056	1489	NR
True Value QC	NR	NR	1000	1413	NR
% Recovery	NR	NR	106	105	NR
Relative Percent Difference	NR	NR	8.1	0.3	8.8

METHODS: EPA 600/4-79-020	-	-	-	120.1	160.1
Standard Method	2320 B	2320 B	2320 B	-	-

Amy Hill  
 Chemist

10-15-02  
 Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.





# CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240  
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page \_\_\_ of \_\_\_

Company Name: <b>Edley's Sons Consulting</b>		Company PO #:				
Project Manager: <b>Eddie's Sons</b>		Company:				
Address: <b>601 W Illinois</b>		Address:				
City: <b>Abilene</b> State: <b>TX</b> Zip: <b>79602</b>		City: State: Zip:				
Phone #: <b>2-2236</b>		Phone #:				
Fax #:		Fax #:				
Project #: <b>Saunders</b> Project Owner: <b>Fort</b>		Project Name: <b>Saunders Hand Farm</b>				
Project Location: <b>ADN Loving</b>		Project Location: <b>ADN Loving</b>				
FOR LAB USE ONLY		FOR LAB USE ONLY				
LAB I.D.	Sample I.D.	(G) RAB (C) OMP.		DATE	TIME	ANALYSIS REQUEST
		# CONTAINERS	MATRIX			
H718-1	Fort Ranch #1	<input checked="" type="checkbox"/>	GROUNDWATER	10/10	11:00	TPH
		<input checked="" type="checkbox"/>	WASTEWATER			
		<input type="checkbox"/>	SOIL			
		<input type="checkbox"/>	OIL			
		<input type="checkbox"/>	SLUDGE			
		<input type="checkbox"/>	OTHER:			
		<input type="checkbox"/>	ACID:			
		<input type="checkbox"/>	ICE / COOL			
		<input type="checkbox"/>	OTHER:			

PLEASE NOTE: Liability and Damages: Cardinal's liability and service are limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Terms and Conditions: Harvest will be charged on all accounts more than 30 days past due at the rate of 2 1/2% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished: **Saunders** Date: **10/10** Time: **11:30** Received By: (Lab Staff) **[Signature]**

Relinquished By: **[Signature]** Date: **10/10** Time: **11:10** Received By: (Lab Staff) **[Signature]**

Delivered By: (Circle One)  UPS  Bus  Other: \_\_\_\_\_

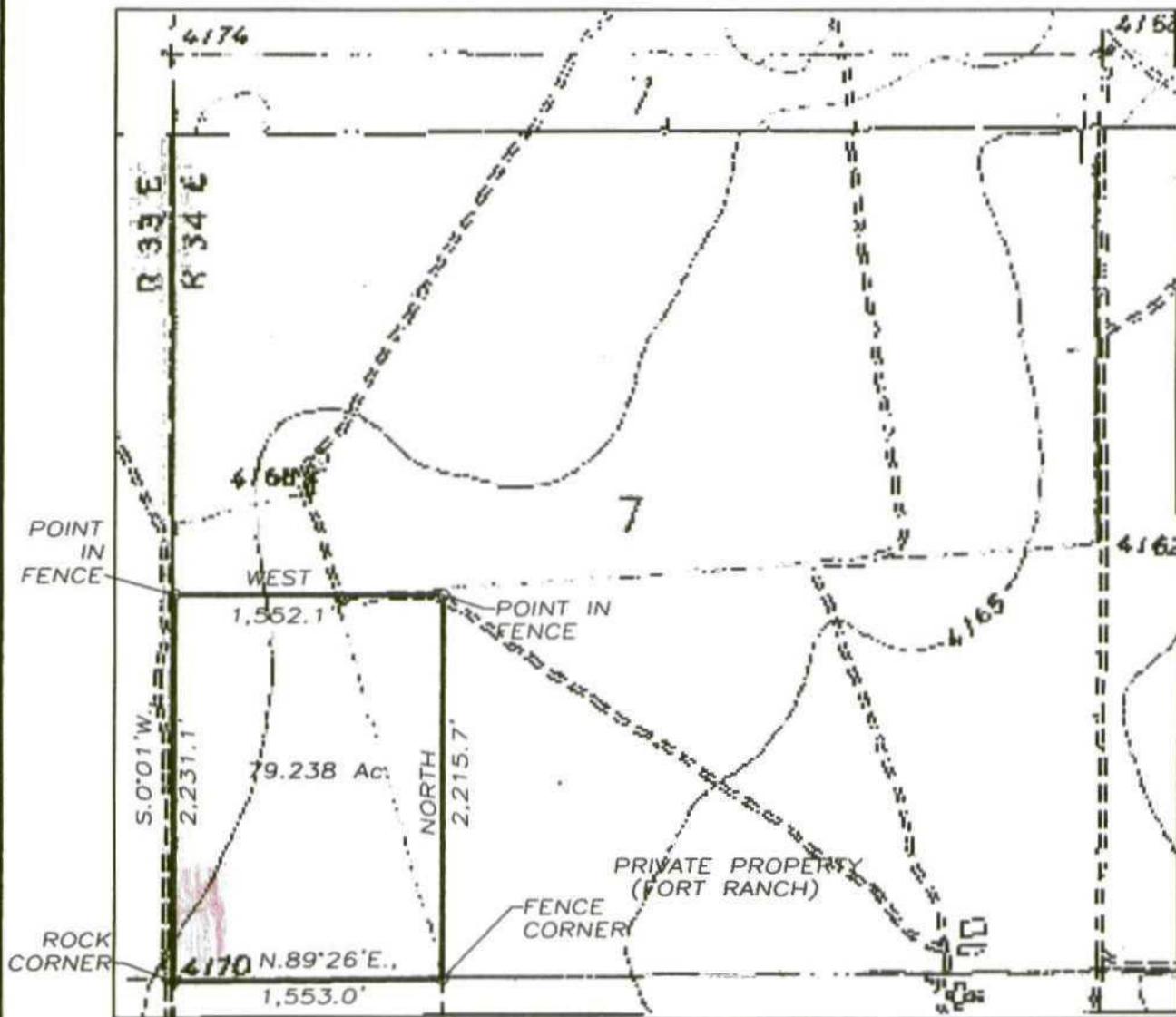
Sample Condition (Cool / Intact)  Yes  No  Yes  No

Checked By: (Initials) **[Initials]**

REMARKS: **Fort Ranch #1 - Windmill North of Saunders Site**

\* Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

SECTION 7, TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM, LEA COUNTY, NEW MEXICO.



DESCRIPTION:

A TRACT OF LAND LOCATED IN THE SOUTHWEST QUARTER OF SECTION 7, TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM, LEA COUNTY, NEW MEXICO, BEING DESCRIBED AS FOLLOWS;

BEGINNING AT THE SOUTHWEST CORNER OF SAID SECTION 7 (ROCK CORNER); THENCE N.89°26'E., 1,553.0 FEET TO A FENCE CORNER POST; THENCE NORTH, 2,215.7 FEET TO A POINT LOCATED IN AN EXISTING FENCE LINE; THENCE WEST, 1,552.1 FEET TO A POINT LOCATED IN AN EXISTING FENCE LINE LOCATED ON THE WEST BOUNDARY OF SAID SECTION 7; THENCE S.0°01'W., 2,231.1, ALONG SAID BOUNDARY LINE FENCE TO THE POINT AND PLACE OF BEGINNING OF SAID TRACT.

SAID TRACT CONTAINS 79.238 ACRES, MORE OR LESS.

1000' 0 1000' 2000'  
Scale 1" = 1000'

THE PREPARATION OF THIS PLAT AND THE PERFORMANCE OF THE SURVEY UPON WHICH IT IS BASED WERE DONE UNDER MY DIRECTION AND THE PLAT ACCURATELY DEPICTS THE RESULTS OF SAID SURVEY AND MEET THE REQUIREMENTS OF THE STANDARDS FOR LAND SURVEYS IN NEW MEXICO AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS.

3640  
MICHAEL L. JONES, S.L.S. No. 3640

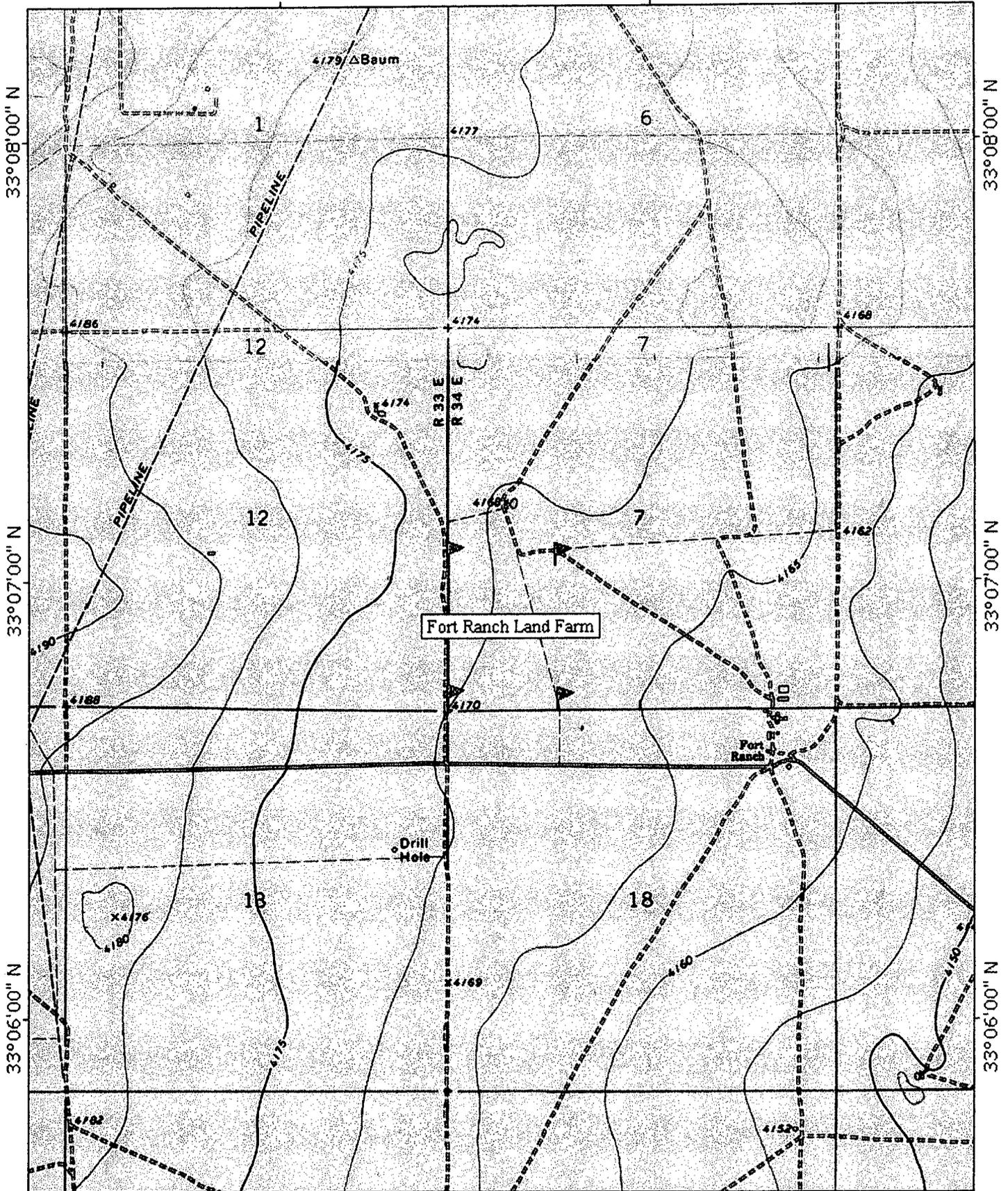
GENERAL SURVEYING COMPANY P.O. BOX 1928  
LOVINGTON, NEW MEXICO 88260

ROY D. FORT

79.238 ACRE TRACT OF LAND LOCATED IN SECTION 7, TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM, LEA COUNTY, NEW MEXICO.

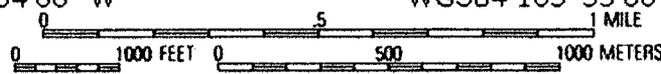
Survey Date: 8/08/2002	Sheet 1 of 1 Sheets
Drawn By: Ed Blevins	W.O. Number
Date: 8/09/02	Scale 1" = 1000' FORT

TOPO! map printed on 08/01/02 from "New Mexico.tpo" and "Untitled.tpg"  
103°34'00" W WGS84 103°33'00" W

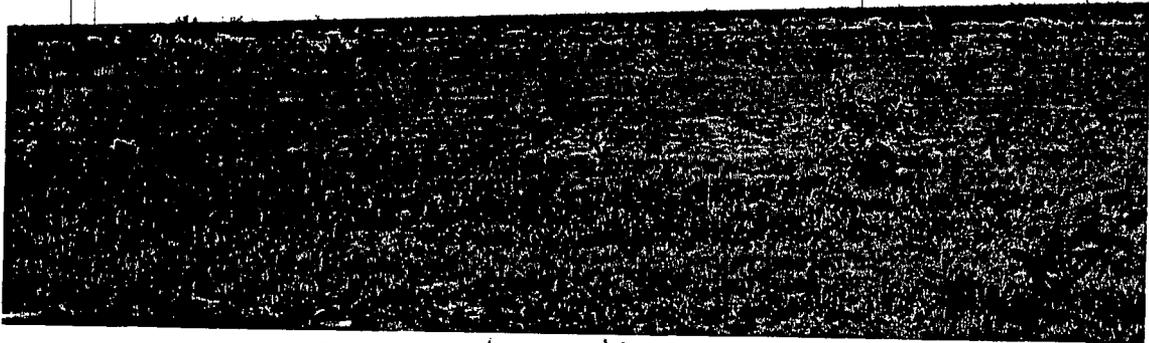


TN MN  
9°

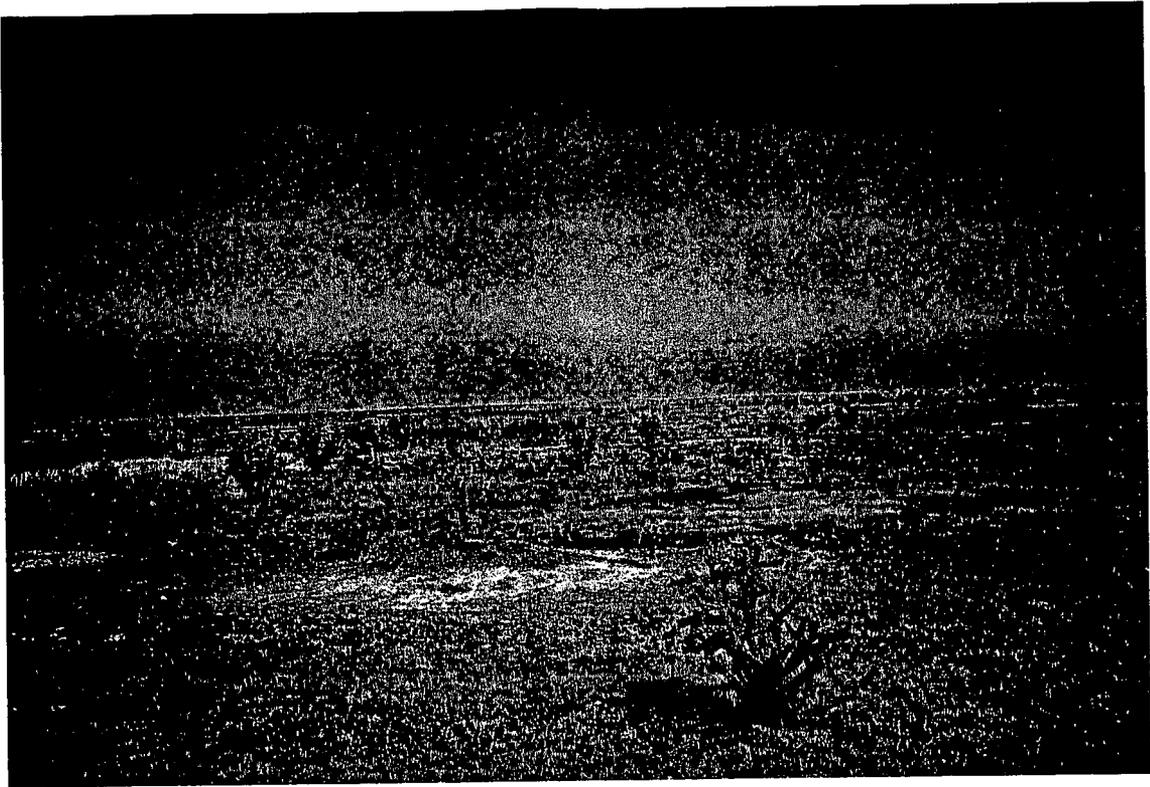
103°34'00" W WGS84 103°33'00" W



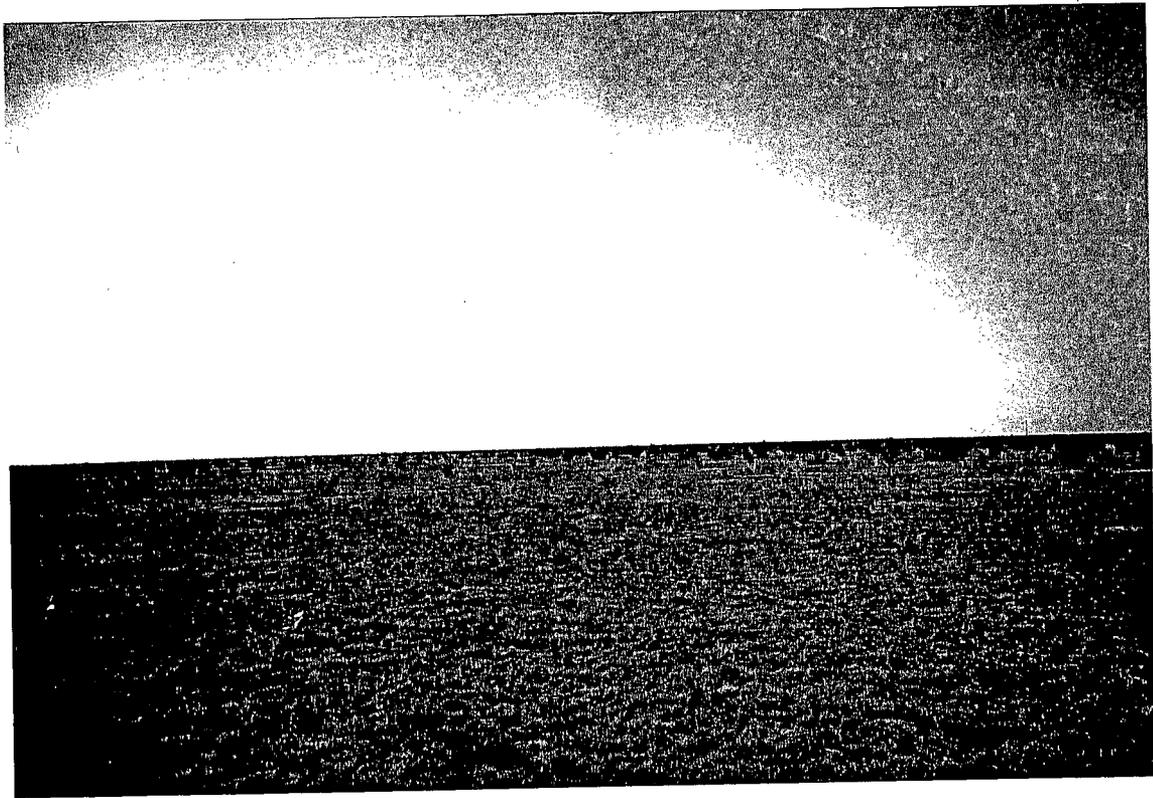
Printed from TOPO! ©2001 National Geographic Holdings (www.topo.com)



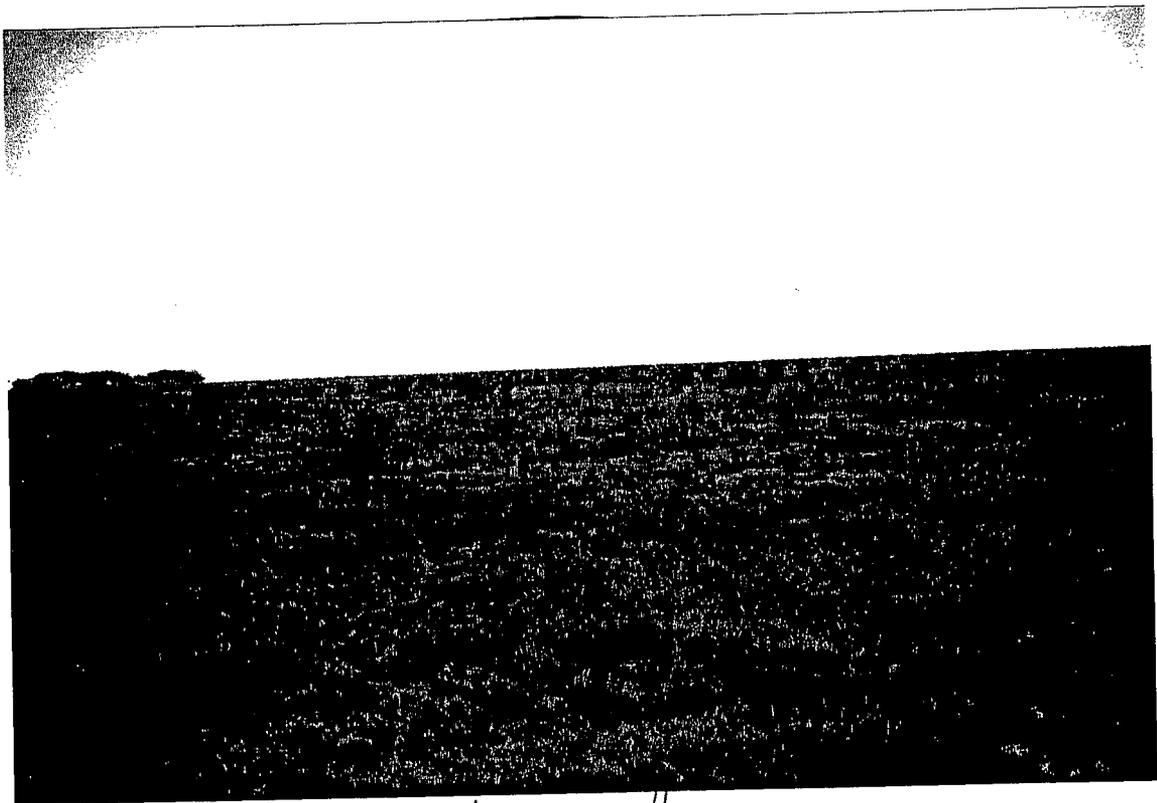
South to North



East to West



North to South



West to East

Call Eddie  
Public Notice to you of Reg D. Fort  
Saunders 11-7-02

Where is the well Location Fort #1

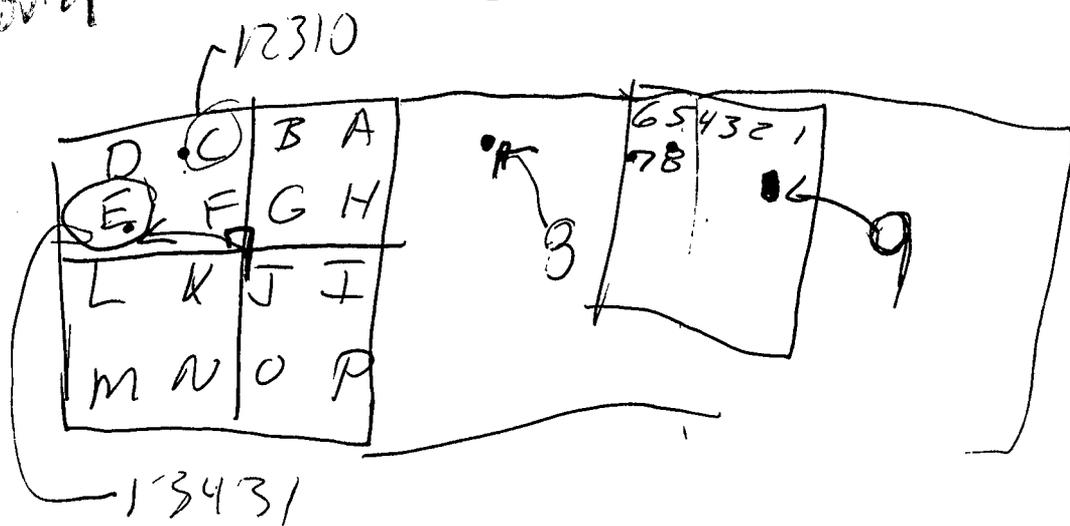
The Form would be more helpful if it

Had the Column Headers on

March 1985 45' to 76' to Gw?

1	2
3	4

1/2 mile North



Nearest well shows 70'

Public Notice is Done  
Printout & Send After  
Callie Eddie

0442

General