

NM1 - 31

MONITORING REPORTS

YEAR(S):

2003 - 1999

RECEIVED

JUN 16 2003

Environmental Bureau
Oil Conservation Division

June 11, 2003

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

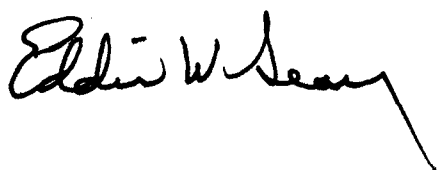
RE: ~~C & C~~ Landfarm, Quarterly

Mrs. Kieling:

Within are the quarterly treatment zone analysis for B & K Landfarm, Jal, NM. Sample was taken at approximately two feet in depth. Sample hole was backfilled with bentonite. The facility all appeared in good shape and in compliance.

If you have any questions, please call.

Thanks,



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

mjt
6-17-03



ARDINAL LABORATORIES

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 W. SEAY
601 W. ILLINOIS
HOBBS, NM 88242
FAX TO:

Receiving Date: 05/29/03
Reporting Date: 06/03/03
Project Owner: J. ANTHONY
Project Name: B&K LANDFARM ✓
Project Location: JAL, NM

Sampling Date: 05/29/03
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		06/02/03	06/02/03	05/30/03	05/30/03	05/30/03	05/30/03
H7692-1	CELL #1	<10.0	16.5	<0.005	<0.005	<0.005	<0.015
Quality Control		779	824	0.096	0.104	0.096	0.274
True Value QC		800	800	0.100	0.100	0.100	0.300
% Recovery		97.4	103	95.7	104	95.7	91.3
Relative Percent Difference		2.3	10.3	3.9	5.6	5.1	2.2

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.


Burgess J. A. Cooke, Ph. D.

6/3/03
Date

H7692.XLS

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.



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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: 11/22/02
Reporting Date: 11/27/02
Project Owner: J. ANTHONY
Project Name: B&K LANDFARM
Project Location: JAL, NM

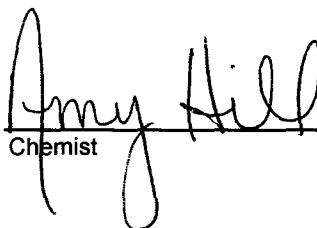
Sampling Date: 11/21/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: AH

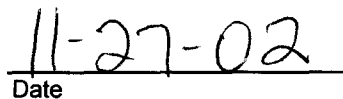
TCLP METALS

LAB NO.	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
---------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANALYSIS DATE:	11/26/02	11/27/02	11/27/02	11/27/02	11/27/02	11/27/02	11/27/02	11/27/02	11/26/02
EPA LIMITS:	5	5	100	1	5	5	0.2	1	
H7242-1 CELL #1	<1	<1	<5	<0.2	<1	<1	<0.02	<0.1	
Quality Control	0.053	4.785	21.52	1.012	4.956	4.921	0.0100	0.056	
True Value QC	0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050	
% Recovery	106	95.7	86.1	101	99.1	98.4	100	112	
Relative Standard Deviation	1.3	0.3	1.7	0.5	0.7	1.1	0.1	3.8	

METHODS: EPA 1311, 600/4-91/01	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
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Chemist


Date

H7242

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.

RECEIVED

FFR 18 2003

Environmental Bureau
Oil Conservation Division

February 17, 2003

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

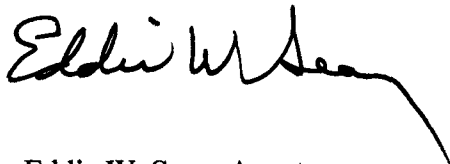
RE: B & K Landfarm Quarterly

Mrs. Kieling:

Within is the analytical for B & K Landfarm treatment zone monitoring. Sample was taken at approximately two ft. depth and hole backfilled with bentonite.

If you have any questions, please call.

Sincerely,

A handwritten signature in black ink, appearing to read "Eddie W. Seay". The signature is fluid and cursive, with a long, sweeping underline that extends to the right.

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



CARDINAL LABORATORIES

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

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

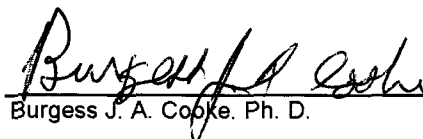
ANALYTICAL RESULTS FOR
EDDIE SEAY CONSULTING
ATTN: EDDIE SEAY
601 W. ILLINOIS
HOBBS, NM 88242
FAX TO:

Receiving Date: 02/11/03
Reporting Date: 02/12/03
Project Owner: J. ANTHONY
Project Name: B&K LANDFARM
Project Location: JAL, NM

Sampling Date: 02/10/03
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		02/11/03	02/11/03	02/11/03	02/11/03	02/11/03	02/11/03
H7470-1	CELL #1	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
Quality Control		802	817	0.107	0.104	0.107	0.306
True Value QC		800	800	0.100	0.100	0.100	0.300
% Recovery		100	102	107	104	107	102
Relative Percent Difference		1.5	3.6	2.2	3.3	2.9	3.3

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.


Burgess J. A. Cooke, Ph. D.

2/12/03
Date

H7470.XLS

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.



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

Page ____ of ____

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

RECEIVED

DEC 09 2002

Environmental Bureau
Oil Conservation Division

December 5, 2002

NMOCD Environmental Bureau
ATTN: Martyne J. Kieling
P.O. Box 6429
1220 S. Saint Francis Drive
Santa Fe, NM 87504

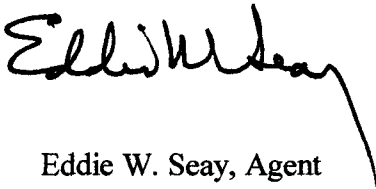
RE: B & K Landfarm Quarterly Sampling

Mrs. Kieling:

Find within the sampling data for the treatment zone sampling at B & K Landfarm. The sample was taken at approximately 2 ft. depth and hole filled with red clay. During the sampling experience, an inspection of the facility was conducted, all was in compliance.

If you have any questions, please call.

Sincerely,



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



ARDINAL LABORATORIES

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

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

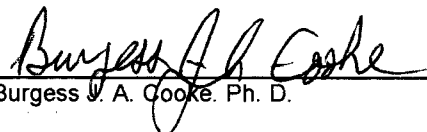
ANALYTICAL RESULTS FOR
EDDIE SEAY CONSULTING
ATTN: EDDIE SEAY
601 W. ILLINOIS
HOBBS, NM 88242
FAX TO:

Receiving Date: 11/22/02
Reporting Date: 11/25/02
Project Owner: J. ANTHONY
Project Name: B&K LANDFARM
Project Location: JAL, NM

Sampling Date: 11/22/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		11/23/02	11/23/02	11/25/02	11/25/02	11/25/02	11/25/02
H7242-1	CELL #1	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
Quality Control		757	840	0.105	0.101	0.103	0.297
True Value QC		800	800	0.100	0.100	0.100	0.300
% Recovery		94.7	105	105	101	103	99.1
Relative Percent Difference		4.5	6.5	1.2	1.8	3.2	2.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.


Burgess A. Cooke, Ph. D.


Date

H7242.XLS

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.

ARDINAL 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

Page ___ of ___

[illegible]

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

RECEIVED

SEP 04 2002

Environmental Bureau
Oil Conservation Division

August 30, 2002

NMOCD Environmental Bureau
ATTN: Martyne J. Kieling
P.O. Box 6429
1220 S. Saint Francis Drive
Santa Fe, NM 87504

RE: B & K Landfarm Quarterly

Mrs. Kieling:

Find within the quarterly analytical for the treatment zone testing at B & K Landfarm. Sample was taken at approximately 2 ft. below the landfarm cell.

If you have any questions, please call.

Sincerely,

A handwritten signature in black ink, appearing to read "Eddie W. Seay". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

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



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:

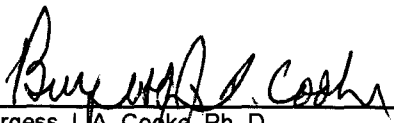
Receiving Date: 08/21/02
Reporting Date: 08/26/02
Project Owner: J. ANTHONY
Project Name: B&K LANDFARM
Project Location: JAL, NM

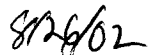
Sampling Date: 08/21/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
------------	-----------	--	--	--------------------	--------------------	-----------------------------	-----------------------------

ANALYSIS DATE:	08/21/02	08/21/02	08/23/02	08/23/02	08/23/02	08/23/02
H6972-1 CELL #1	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
Quality Control	788	768	0.111	0.104	0.106	0.309
True Value QC	800	800	0.100	0.100	0.100	0.300
% Recovery	98.4	96.0	111	104	106	103
Relative Percent Difference	5.6	<0.1	7.3	4.7	2.2	3.8

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.


Burgess J. A. Cooke, Ph. D.


Date

H6972.XLS

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 Maryland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2328 Fax (505) 393-2476

Page of

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

† Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.

May 31, 2002

NMOCD Environmental Bureau
ATTN: Martyne J. Kieling
P.O. Box 6429
1220 S. Saint Francis Drive
Santa Fe, NM 87504

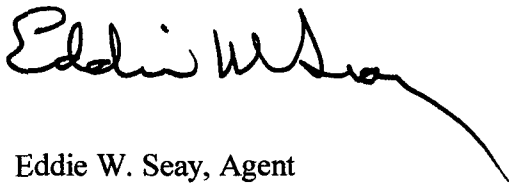
RE: B & K Landfarm Quarterly

Mrs. Kieling:

Find within quarterly treatment zone monitoring sample for B & K Landfarm. Sample was taken at approximately 2 ft below the landfarm surface.

If you have any questions, please call.

Thanks,

A handwritten signature in black ink, appearing to read "Eddie W. Seay", with a long, sweeping underline that extends to the right.

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



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

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

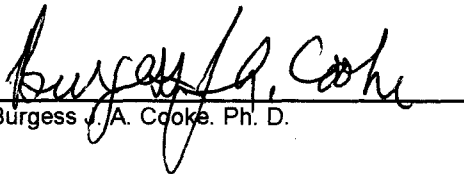
ANALYTICAL RESULTS FOR
EDDIE SEAY CONSULTING
ATTN: EDDIE W. SEAY
601 W. ILLINOIS
HOBBS, NM 88242
FAX TO:

Receiving Date: 05/22/02
Reporting Date: 05/23/02
Project Owner: J. ANTHONY
Project Name: BK LANDFARM
Project Location: JAL, NM

Sampling Date: 05/22/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		05/22/02	05/22/02	05/23/02	05/23/02	05/23/02	05/23/02
H6760-1	CELL #1	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
Quality Control		790	800	0.106	0.105	0.106	0.305
True Value QC		800	800	0.100	0.100	0.100	0.300
% Recovery		98.8	100	106	105	106	102
Relative Percent Difference		6.3	4.6	1.7	1.4	0.3	0.4

METHODS: TPH GRO & DRO - EPASW-846 8015 M; BTEX - SW-846 8260.


Burgess J. A. Cooke, Ph. D.

5/23/02
Date

H6760.XLS

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.



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

Page ____ of ____

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

RECEIVED

MAR 06 2002

Environmental Bureau
Oil Conservation Division

March 2, 2002

NMOCD Environmental Bureau
ATTN: Martyne J. Kieling
P.O. Box 6429
1220 S. St. Francis Drive
Santa Fe, NM 87504

RE: B & K Landfarm, Quarterly Sampling

Mrs. Kieling:

Within is the quarterly sample for the treatment zone at B & K Landfarm. The sample was taken at a depth of approximately 24 in. The core hole was backfilled with red clay.

If you have any questions, please call.

Sincerely,

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

ECD Environmental, Inc.

Client: Eddie Seay Consulting
Project: B&K Quarterly
Project Manager: Eddie Seay
Project Number:

Date Collected: 2/23/02
Date Received: 2/25/02
Sample Matrix: Soil
Extraction Date: 2/25/02

EPA Method 8015 DRO

Heal ID	Client ID	Dilution	TPH (DRO) (mg/kg)	Analysis Date
022502-19	Cell 1	1	ND	2/26/02
Extraction Blank		1	ND	2/26/02

QC/QA

<u>Sample ID</u>	<u>Sample Amount</u>	<u>Spike</u>	<u>Recovery</u>	<u>%Recovery</u>
022502-3 MS	ND	100 ppm	104 ppm	104%
022502-3 MSD	100		106 ppm	

ECD Environmental, Inc.

Client: Eddie Seay Consulting
Project: B&K Quarterly
Project Manager: Eddie Seay
Project Number:

Date Collected: 2/23/02
Date Received: 2/25/02
Sample Matrix: Soil
Extraction Date: 2/25/02

EPA Method 8021 BTEX

Heal ID	Client ID	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)
022502-19	Cell 1	ND	ND	ND	ND
MRL		0.05	0.05	0.05	0.05

CHAIN-OF-CUSTODY RECORD

Client:

Eddie Seay Consulting

Project Name:

B+C Landfarm

Address:

601 W Illinois
Addicks, MO 64242

Project #:

Quarterly

Project Manager:

Eddie W Seay

Phone #:

2-2236

Sampler:

Eddie Seay

Fax #:

Samples Cold?

☒ Yes ☐ No

Date

Time

Matrix

Sample I.D. No.

Number/Volume

Preservative
HgCl₂ HCl

HEAL No.

2/23 1pm

Col # 1

1-4oz

022502-19

✓

BTEX + MTBE + TMB's (8021)

BTEX + MTBE + TPH (Gasoline Only)

TPH Method 8015B MOD (Gas/Diesel)

TPH (Method 418.1)

8310 (PNA or PAH)

RCRA 8 Metals

Cations (Na, K, Ca, Mg)

Anions (F, Cl, NO₃, NO₂, PO₄, SO₄)

8081 Pesticides / PCB's (8082)

Air Bubbles or Headspace (Y or N)

- Date:

2/25

Time:

5am

Relinquished By: (Signature)

Eddie W Seay

Received By: (Signature)

2/25/02 8:45a

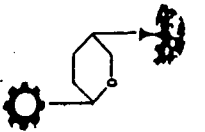
Date:

Time:

Relinquished By: (Signature)

Received By: (Signature)

Remarks:



ECD

ECD Environmental, Inc.

ANALYSIS REQUEST

December 12, 2001

RECEIVED

DEC 26 2001

Environmental Bureau
Oil Conservation Division

NMOCD Environmental Bureau
ATTN: Martyne J. Kieling
P.O. Box 6429
1220 S. Saint Francis Drive
Santa Fe, NM 87504

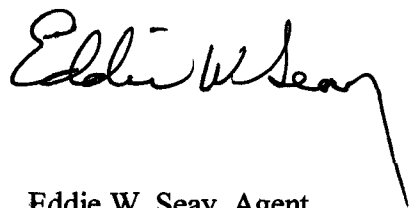
RE: B & K Landfarm quarterly sampling

Mrs. Kieling:

Within is the quarterly treatment zone sampling for B & K Landfarm. The sample was taken at approximately 2 ft. and hole filled with bentonite.

If you have any questions, please call.

Sincerely,



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

MJK
12-26-01



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: 11/20/01
Reporting Date: 12/03/01
Project Number: B & K
Project Name: B & K LANDFARM
Project Location: JAL, NM

Sampling Date: 11/19/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: AH

TCLP METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANALYSIS DATE:	11/30/01	11/28/01	11/28/01	11/28/01	11/28/01	11/28/01	11/28/01	11/28/01	12/01/01
EPA LIMITS:	5	5	100	1	5	5	0.2	1	
H6289-1 CELL 1	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1	
Quality Control	0.152	4.946	22.10	1.014	4.664	4.665	0.0092	0.051	
True Value QC	0.150	5.000	25.00	1.000	5.000	5.000	0.0100	0.050	
% Accuracy	101	98.9	88.4	101	93.3	93.3	92.0	102	
Relative Percent Difference	2.0	0.1	1.8	0.2	0.9	0.9	7.7	0.3	

METHODS: EPA 1311, 600/4-79	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
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Chemist

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.

H6289m



ARDINAL LABORATORIES

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

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

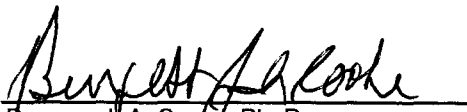
ANALYTICAL RESULTS FOR
EDDIE SEAY CONSULTING
ATTN: EDDIE W. SEAY
601 W. ILLINOIS
HOBBS, NM 88242
FAX TO:

Receiving Date: 11/20/01
Reporting Date: 11/28/01
Project Number: B&K
Project Name: B&K LAND FARM
Project Location: JAL, NM

Sampling Date: 11/19/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		11/27/01	11/27/01	11/26/01	11/26/01	11/26/01	11/26/01
H6289-1	CELL 1	<50	<50	<0.005	<0.005	<0.005	<0.015
Quality Control		916	1010	0.111	0.102	0.107	0.313
True Value QC		1000	1000	0.100	0.100	0.100	0.300
% Recovery		91.6	101	111	102	107	102
Relative Percent Difference		2.2	15.1	8.8	5.7	2.1	2.3

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.


Burgess J. A. Cooke, Ph. D.

11/28/01
Date

H6289A.XLS

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CARDINAL LABORATORIES, INC.

Page _____ of _____

+ Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

RECEIVED

OCT 17 2001

Environmental Bureau
Oil Conservation Division

September 10, 2001

NMOCD Environmental Bureau
ATTN: Martyne J. Kieling
P.O. Box 6429
1220 S. Santa Francis Drive
Santa Fe, NM 87504

RE: B & K Landfarm - Quarterly Sampling

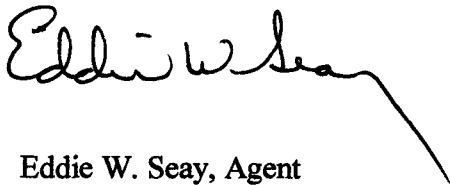
Mrs. Kieling:

Within are the quarterly testing of the treatment zone for B & K Landfarm. Samples were taken at approximately 2 ft. and holes backfilled with bentonite.

An inspection of the facility was done and no problems found.

If you have any questions, please call.

Sincerely,

A handwritten signature in cursive script, appearing to read "Eddie W. Seay". The signature is written in dark ink and extends to the right with a long, sweeping tail.

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

inf

ECD Environmental, Inc.

Client: Eddie Seay Consulting
Project: B&K Quarterly
Project Manager: Eddie Seay
Project Number:

Date Collected: 8/26/01
Date Received: 8/28/01
Sample Matrix: Soil
Extraction Date: 8/28/01

EPA Method 8021 BTEX

Heal ID	Client ID	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)
082801-19	Cell 1	ND	ND	ND	ND
MRL		0.05	0.05	0.05	0.05

ECD Environmental, Inc.

Client: Eddie Seay Consulting
Project: B&K Quarterly
Project Manager: Eddie Seay
Project Number:

Date Collected: 8/26/01
Date Received: 8/28/01
Sample Matrix: Soil
Extraction Date: 8/28/01

EPA Method 8015 DRO

Heal ID	Client ID	Dilution	TPH (DRO) (mg/kg)	Analysis Date
082801-19	Cell 1	1	ND	8/28/01
Extraction Blank		1	ND	8/28/01

QC/QA

<u>Sample ID</u>	<u>Sample Amount</u>	<u>Spike</u>	<u>Recovery</u>	<u>%Recovery</u>
082801-1 MS	ND	100 ppm	108 ppm	10%
0052301-1 MSD 100		102		

CHAIN-OF-CUSTODY RECORD

Client: Eddie Seay Consulting

Project Name: BTK Landfarm

Address: 601 W Tillines

Project #:

Address: Maddox N.W. 88242

Project Manager: Quartester Sampling

Project Manager: Eddie Seay

Phone #: 392-2234

Sample: Soil

Fax #: 392-2234

Samples Col'd: Yes

Q No

Date: 8/26

Time: 1:30

Matrix: Soil

Sample ID No. Call # 1

Number/Volume: 1 - bag

Preservative: Yes

HEAL No. 082801-19

Date: 8/26

Time: 1:30

Matrix: Soil

Sample ID No. Call # 1

Number/Volume: 1 - bag

Preservative: Yes

HEAL No. 082801-19

Date: 8/28

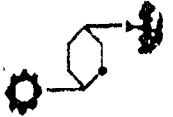
Time: 1:30

Signature By: (Signature) [Signature]

Received By: (Signature) [Signature]

Date: 8/28/01

Remarks:



ECD Environmental, Inc.

ANALYSIS REQUEST

<input checked="" type="checkbox"/>	BTEX + MTBE + TMB's (8021)
<input checked="" type="checkbox"/>	BTEX + MTBE + TPH (Gasoline Only)
<input checked="" type="checkbox"/>	TPH Method 8015B MOD (Gas/Diesel)
<input type="checkbox"/>	TPH (Method 418.1)
<input type="checkbox"/>	8310 (PNA or PAH)
<input type="checkbox"/>	RCRA 8 Metals
<input type="checkbox"/>	Cations (Na, K, Ca, Mg)
<input type="checkbox"/>	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)
<input type="checkbox"/>	8081 Pesticides / PCB's (8082)
<input type="checkbox"/>	Air Bubbles or Headspace (Y or N)

RECEIVED
JUN 6 2001
NEW MEXICO DEPARTMENT OF
ENVIRONMENT

June 4, 2001

NMOCD Environmental Bureau
ATTN: Martyne J. Kieling
P.O. Box 6429
1220 S. Saint Francis Drive
Santa Fe, NM 87504

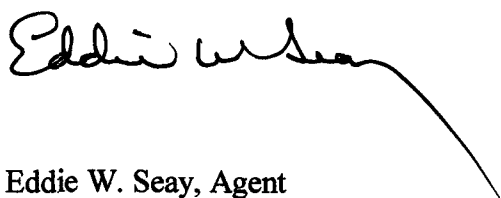
RE: B & K Landfarm - Quarterly Sampling

Mrs. Kieling:

Contained within are the quarterly analytical for B & K Landfarm's treatment zone monitoring. Sample was taken at approximately two feet, and hole backfilled with bentonite.

If you have any questions, please call.

Sincerely,



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

ECD Environmental, Inc.

Client: Eddie Seay Consulting
Project: B&K Quarterly
Project Manager: Eddie Seay
Project Number:

Date Collected: 5/22/01
Date Received: 5/23/01
Sample Matrix: Soil
Extraction Date: 5/23/01

EPA Method 8015 DRO

Heal ID	Client ID	Dilution	TPH (DRO) (mg/kg)	Analysis Date
0052301-19	Cell 1	1	ND	5/24/01
Extraction Blank		1	ND	5/24/01

QC/QA

<u>Sample ID</u>	<u>Sample Amount</u>	<u>Spike</u>	<u>Recovery</u>	<u>%Recovery</u>
0052301-10 MS	ND	100 ppm	101 ppm	101%
0052301-1 MSD 100		97		

ECD Environmental, Inc.

Client: Eddie Seay Consulting
Project: B&K Quarterly
Project Manager: Eddie Seay
Project Number:

Date Collected: 5/22/01
Date Received: 5/23/01
Sample Matrix: Soil
Extraction Date: 5/23/01

EPA Method 8021 BTEX

Heal ID	Client ID	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)
0052301-19	Cell 1	ND	ND	ND	ND
MRL		0.05	0.05	0.05	0.05

CHAIN-OF-CUSTODY RECORD

Client: Eddie's Seag Consulting

Project Name: B+K Landform

Address: 601 W Illinois

Project #:

Holmes N.W. 88242

Btk Quarterly

Project Manager:

Sam Anthony

Photo #: 2. 2236

Sampler: Eddie's Seag

For #: 2. 6949

Samples Cont: PTM DHO

Date: 5/22 Time: 7:00 PM

Location:

Sample ID No:

Cell # 1

Number/Volume:

Preservative: 1-6g

HEAL No.

mg/L

NO

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RECEIVED
MAR 21 2001
CONSERVATION DIVISION

March 16, 2001

NMOCD Environmental Bureau
ATTN: Martyne J. Kieling
P.O. Box 6429
1220 S. Saint Francis Drive
Santa Fe, NM 87504

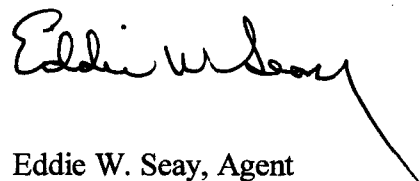
RE: B & K Landfarm, Quarterly Testing

Mrs. Kieling:

Find within the quarterly testing for B & K Landfarm. Samples were taken at approximately 2 ft. depth and holes backfilled with bentonite.

If you have any questions, please call.

Sincerely,



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

ECD Environmental, Inc.

Project Name: B+K Landfarm

Project #: Quarterly Sampling

Project Manager:

2-2236	Sender: EWS
--------	-------------

Samples Col'd:

Preservative		HEAL No.
HQ	MD	

1-403

Received By: (Signature)

Received By (Signature)	
-------------------------	--

Quarterly Landform Sampling

ANALYSIS REQUEST

BTEX + MTBE + TMB's (8021)
BTEX + MTBE + TPH (Gasoline Only)
TPH Method 8015B MOD (Gas/Diesel)
TPH (Method 418.1)
8310 (PNA or PAH)
RCRA 8 Metals
Cations (Na, K, Ca, Mg)
Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)
8081 Pesticides / PCB's (8082)
Air Bubbles or Headspace (Y or N)

ECD Environmental, Inc.

Client: Eddie Seay Consulting
Project: B&K Quarterly
Project Manager: Eddie Seay
Project Number:

Date Collected: 2/19/01
Date Received: 2/21/01
Sample Matrix: Soil
Extraction Date: 2/21/01

EPA Method 8021 BTEX

Heal ID	Client ID	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)
0022101-18	Cell 1	ND	ND	ND	ND
MRL		0.05	0.05	0.05	0.05

ECD Environmental, Inc.

Client: Eddie Seay Consulting
Project: B&K Quarterly
Project Manager: Eddie Seay
Project Number:

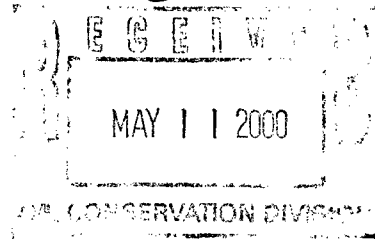
Date Collected: 2/19/01
Date Received: 2/21/01
Sample Matrix: Soil
Extraction Date: 11/21/01

EPA Method 8015 DRO

Heal ID	Client ID	Dilution	TPH (DRO) (mg/kg)	Analysis Date
0022101-18	Cell 1	1	ND	11/22/01
Extraction Blank		1	ND	11/22/01

QC/QA

<u>Sample ID</u>	<u>Sample Amount</u>	<u>Spike</u>	<u>Recovery</u>	<u>%Recovery</u>
0022101-18 MS	ND	100 ppm	104 ppm	104%
0022101-18 MSD	100		100	



May 9, 2000

NMOCD Environmental Bureau
ATTN: Martyne J. Kieling
2040 S. Pacheco
Santa Fe, NM 87505

RE: B & K Landfarm

Martyne:

Find within analytical for B & K Landfarm. These are the background testing outlined in the permit. 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

mjh
5-24-00



ARDINAL LABORATORIES

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

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

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

Receiving Date: 05/03/00
Reporting Date: 05/05/00
Project Number: NOT GIVEN
Project Name: B&K LANDFARM
Project Location: JAL, NM

Sampling Date: 05/03/00
Sample Type: SOIL
Sample Condition: COOL AND INTACT
Sample Received By: AH
Analyzed By: AH/GP

RCRA METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

ANALYSIS DATE:	05/04/00	05/04/00	05/05/00	05/04/00	05/05/00	05/04/00	05/04/00	05/04/00
H4847-1 BK #1	0.5	2.95	252	<1	0.4	<1	<0.2	<1
Quality Control	0.046	5.359	55.12	0.485	5.009	4.811	0.0107	0.189
True Value QC	0.050	5.000	50.00	0.500	5.000	5.000	0.0100	0.200
% Recovery	92	107.2	110.2	97	100.2	96.2	107	94.5
Relative Percent Difference	6.3	0.8	0.9	0.7	0.9	3.0	2.3	11.2

METHODS: EPA 600/4-79-020	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
METHODS: SW-846	7060A	7760A	7080A	7130	7190	7420	7470A	7740

Amy Hill
Chemist

5/5/00
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.



ARDINAL LABORATORIES

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

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

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

Receiving Date: 05/03/00
Reporting Date: 05/05/00
Project Number: NOT GIVEN
Project Name: B&K LANDFARM
Project Location: JAL, NM

Sampling Date: 05/03/00
Sample Type: SOIL
Sample Condition: COOL AND INTACT
Sample Received By: AH
Analyzed By: AH

TOTAL METALS

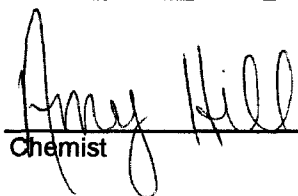
LAB NUMBER SAMPLE ID

Al Co Cu Fe
(ppm) (ppm) (ppm) (ppm)

ANALYSIS DATE:	05/05/00	05/04/00	05/04/00	05/04/00
H4847-1 BK #1	472	1.65	3.3	1138
Quality Control	4.253	4.996	1.042	4.900
True Value QC	5.000	5.000	1.000	5.000
% Recovery	85.1	99.9	104.2	98
Relative Percent Difference	1.1	0.3	0.6	0.8
METHODS: EPA 600/04-79-020	202.1	219.1	220.1	236.1

Mn Mo Ni Zn
(ppm) (ppm) (ppm) (ppm)

ANALYSIS DATE:	05/04/00	05/05/00	05/04/00	05/04/00
H4847-1 BK #1	19.45	<1	63.4	3.45
Quality Control	1.009	4.766	5.072	0.492
True Value QC	1.000	5.000	5.000	0.500
% Recovery	100.1	95.3	101.4	98.4
Relative Percent Difference	0.4	2.1	2.7	1.7
METHODS: EPA 600/04-79-020	243.1	246.1	249.1	289.1


Chemist

5/5/00
Date

H4847B.XLS
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.



ARDINAL LABORATORIES

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

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

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

Receiving Date: 05/03/00
Reporting Date: 05/09/00
Project Number: NOT GIVEN
Project Name: B&K LANDFARM
Project Location: JAL, NM

Sampling Date: 05/03/00
Sample Type: SOIL
Sample Condition: COOL AND INTACT
Sample Received By: AH
Analyzed By: AH

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (mS/cm)	T-Alkalinity (mgCaCO ₃ /Kg)
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ANALYSIS DATE:	05/09/00	05/09/00	05/09/00	05/09/00	05/09/00	05/09/00	05/09/00
H4847-1 BK #1	110	176	49	360	20	1184	
Quality Control	NR	48	53	5.08	1392	NR	
True Value QC	NR	50	50	5.00	1413	NR	
% Recovery	NR	96	106	102	98.5	NR	
Relative Percent Difference	NR	8.3	9.4	0.4	0.2	NR	

METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1
----------	-------------	-----------	------	-------	-------

Cl ⁻ (mg/L)	SO ₄ (mg/L)	CO ₃ (mg/L)	HCO ₃ (mg/L)	pH (s.u.)
---------------------------	---------------------------	---------------------------	----------------------------	--------------

ANALYSIS DATE:	05/09/00	05/09/00	05/09/00	05/09/00	05/09/00
H4847-1 BK #1	112	0	0	1444	6.06
Quality Control	1110	102	NR	952	6.93
True Value QC	1000	100	NR	1000	7.00
% Recovery	111	102	NR	95	99
Relative Percent Difference	9.9	0	NR	2.0	0.1

METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1
----------	-------------	-------	-------	-------	-------

Amy Hill
Chemist

5/9/00
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 agents 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.



ARDINAL LABORATORIES

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

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

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

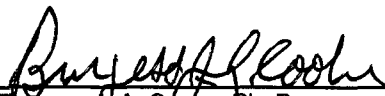
Receiving Date: 05/03/00
Reporting Date: 05/05/00
Project Number: NOT GIVEN
Project Name: B&K LANDFARM
Project Location: JAL, NM

Sampling Date: 05/03/00
Sample Type: SOIL
Sample Condition: COOL AND INTACT
Sample Received By: AH
Analyzed By: BC

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
------------	-----------	--	--	--------------------	--------------------	-----------------------------	-----------------------------

ANALYSIS DATE:	05/04/00	05/04/00	05/04/00	05/04/00	05/04/00	05/04/00	05/04/00
H4847-1 BK #1	<50	<50	<0.005	<0.005	<0.005	<0.005	<0.015
Quality Control	938	1034	0.095	0.099	0.097	0.287	
True Value QC	1000	1000	0.100	0.100	0.100	0.300	
% Recovery	93.8	103	95.2	99.3	97.2	95.8	
Relative Percent Difference	2.1	12.3	8.3	7.1	1.7	2.4	

METHODS: TPH(GRO & DRO) - EPA SW-846 8015 M; BTEX/MTBE-EPA SW-846 8260


Burgess A. Cooke, Ph. D.

5/5/00
Date

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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

Page ____ of ____

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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MAR 30 1999

**Environmental Bureau
Oil Conservation Division**

B & K LANDFARM

LANDTREATMENT APPLICATION

LEA COUNTY, NEW MEXICO

MARCH 22, 1999

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
Rio Brazos Road
Alamogordo, 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

RECEIVED
MAR 30 1999
Environmental Bureau
Oil Conservation Division

Form C-137
Originated 8/8/95

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: B & K Landfarm
Address: P.O. Box 398 Jal, NM 88252
Contact Person: Jay Anthony Phone: (505) 395-3264 ✓
(505) 390-7385
3. Location: SW /4 /4 Section 1 Township 26 Range 36 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 H₂S.
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: March 22, 1999

- 2) B & K Landfarm
Bailey Anthony
Katelyn Anthony
- 3) SW 1/4 of Section 1, Tws. 26, Range 36 E., Lea Co.
a 160 acre tract of land.
- 4) No
- 5) Attachment - Landowners of Record within 1 mile.
- 6) The 160 acre proposed site will be operated according to OCD guidelines.
 - 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 B & K personnel are on location.
 - f) There is one pipeline running north and south on the east side of the proposed site. The EOTT line is buried approximately 3 ft. No landfarming will occur within 20 ft. of any pipeline and equipment will be allowed within 10 ft. All lines marked.
 - g) A sign will be posted at entrance and will detail all the OCD requirements, phone, permit no., name, etc.
- 7) Diagram within.
- 8) B & K 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 into 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 B & K 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 20 five acre cells in use at time of closure.

Analytical test for 2 years	
BTEX 8 quarters \$40.00 X 20	\$6400
TPH 8 quarters \$50.00 X 20	\$8000
Metals 2 years \$200.00 X 20	\$8000
Cations/Anions 2 years \$100.00 X 20	\$4000

TOTAL	\$26,400

Quarterly sampling time and labor for 20 cells

Labor at \$50.00 per hour

30 Minutes per cell

20 cells equals 10 hours per sampling event plus 1 hr. for report

11 hrs. X \$50.00 X 8 quarters.

TOTAL \$4,400

Disking for two years every two weeks

Actual disking area approximately 100 acres - (roads, buffer zone, pipeline, etc.)

\$30.00 per hr. - 15 min. per acre

100 acres X 15 min, X 52 wks. 2 yrs. = 78000 min = 1300 hrs.

1300 hrs. X \$30.00 per hr. = \$39,000 for disking & tilling.

Freshwater as needed

\$120.00 per load

\$120 X 12 loads X 10 events in two years = \$14,400

Leveling and Contouring Landfarm

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

\$75 X 160 acres = \$12,000 total

Revegetation for 160 acres

Tractor and drill \$30.00 per hr. at 15 min. per acre, 160 acres = \$1200

Seed cost & material

\$10.00 per lb. at 5 lbs. per acre X 160 acres = \$8000

TOTAL REVEGETATION COST = \$9,200

TOTAL ESTIMATED CLOSURE COST WOULD BE = \$105,400

11) Geology - Hydrology

Geographically, the site is situated in the southeastern corner of Lea Co. in the Pecos Valley section of the Great Plains Physiographic Province at the southern edge of Eunice plains. The plain is a partially flat and featureless alluvial plain which slopes eastward at 20 ft. per mile. The entire area is underlain with caliche and is almost entirely covered with reddish brown dune sand.

No water wells were found within the area of review. Water being used in the area is taken from a pipeline which runs to Jal. Attachment.

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) B & K will adhere to all applicable rules and regulations pertaining to this permit.

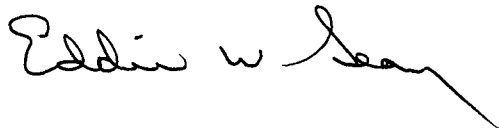
March 22, 1999

Dear Landowner:

Pursuant to the rules of the NMOCD, B & K Landfarm is seeking application with the New Mexico Oil Conservation Division to operate a commercial land treatment facility. The facility, a 160 acre tract of land, is located in the SW 1/4 of Section 1, Township 26, Range 36 East, 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 biodegradation of the contaminants. The facility will be owned and operated by Jay Anthony.

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, 2040 S. Pacheco, Santa Fe, NM 87505, (505)827-7131, within 30 days.

Thank you,

A handwritten signature in cursive script, appearing to read "Eddie W. Seay". The signature is written in dark ink and is positioned above the typed name.

Eddie W. Seay, Agent

Jay and Cary Anthony
Box 398
Jal, NM 88252

Fred B. Cooper
RR #1, Box 141
Blossom, TX 75416

El Paso Natural Gas Co.
1800 Wilco Bldg.
Midland, TX 79701

Tom and Evelyn Lineberry
Foundation
4305 N. Garfield, Suite 260
Midland, TX 79705

Wayne and Marsha Webster
Box 1063
Jal, NM 88252

Billy Ralph Emerson
Box 224
Jal, NM 88252

Juan Gaytan
Box 683
Jal, NM 88252

Epifanio M. Lopez
Box 689
Jal, NM 88252

Elvis Andrews
8100 Spry Rd.
Evansville, IN 477150

Michael W. Emerson
Box 75
Jal, NM 88252

Geraldine Williams
Box 20
Jal, NM 88252

Juanita Railey
3613 Jonette Dr.
Fr. Worth, TX 761180

Norma Bryant
Box 484
Jal, NM 88252

Johnnie J. Moore
3732 Crossroad
Roswell, NM 88201

Peter A. Panagopoulos
1805 Sandy Lane
Carlsbad, NM 88220

Aaron Dobbs
Box 1113
Jal, NM 88252

Henry Fulfer
Box 863
Jal, NM 88252

Manard A. Rylant
119 North Cecil
Hobbs, NM 88240

R.E. Keagle
15 Legend Road
Ft. Worth, TX 76132

William E. Hill
Box 776
Jal, NM 88252

Mary Mattison Fancher
HCR Box 391
Duncan, AZ 85534

Ruben Ramos
Box 756
Jal, NM 88252

Floyd Taylor
Box 857
Jal, NM 88252

Mary Ellen Capps, et al
Box 792
Buda, TX 78760

Eloise Dobbs
Box 446
Jal, NM 88252

Frank B. Frame
Box 1017
Jal, NM 88252

Earl Jones
Box 1993
Plainview, TX 79072

Del Whatley
7934 Bluebonnet
San Angelo, TX 76901

Bonner Ivey
Box 11
Jal, NM 88252

Quince White
Box 987
Jal, NM 88252

Bill and Jack Taylor
1106 N. Country Club
Carlsbad, NM 88220

Jerry Galle
Drawer RR
Jal, NM 88252

Elvia Andrade and Luis Tavarez
Box 28
Jal, NM 88252

Oscar Velasco
Box 1094
Jal, NM 88252

David Duke
3400 Slocum St.
El Paso, NM 79936

Armando Meza
Box 619
Jal, NM 88252

Carolyn Browning
1044 Birch
Las Cruces, NM 88001

State Land Office
310 Old Santa Fe Trail
Box 1148
Santa Fe, NM 87504-1148

Z 577 002 392

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Jay and Cary Anthony

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Box 398

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Box 398, NM 88252

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Tom and Evelyn Lineberry

Street & Number

4306 N. Garfield, Suite 260

Post Office, State, ZIP Code

Midland, TX 79705

Postage

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Juan Gaytan

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Post Office, State, ZIP Code

Box 683, NM 88252

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\$

Certified Fee

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Michael W. Emerson

Street & Number

Box 75

Post Office, State, ZIP Code

Box 75, NM 88252

Postage

2.40

\$

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TOTAL Postage & Fees

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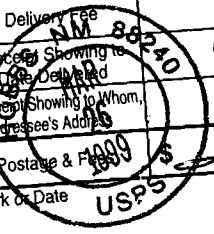
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Sent to
Norma Bryant
 Street & Number
Box 484
 Post Office, State, ZIP Code
Jul, NM 88252

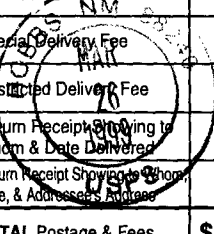
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Special Delivery Fee		
Restricted Delivery Fee		
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TOTAL Postage & Fees	\$	2.92
Postmark or Date		

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Sent to
Aaron Dobbs
 Street & Number
Box 1113
 Post Office, State, ZIP Code
Jul, NM 88252

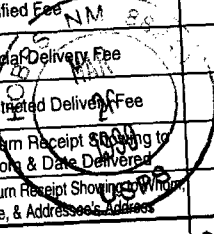
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TOTAL Postage & Fees	\$	2.92
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R.E. Keagle
 Street & Number
15 Legend Road
 Post Office, State, ZIP Code
Br Worth, TX 76132

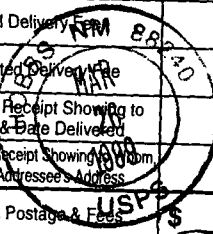
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Sent to
Ruben Ramos
 Street & Number
Box 756
 Post Office, State, ZIP Code
Jul, NM 88252

Postage	\$	L
Certified Fee		L
Special Delivery Fee		
Restricted Delivery Fee		
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Postmark or Date		

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Street & Number Box 446	
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Postage	\$ 2.98
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Street & Number Box 141	
Post Office Name & State El Paso TX 79905	
Postage	\$ 2.98
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TOTAL Postage & Fees	\$ 2.98
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Street & Number 7934 Bluebonnet	
Post Office Name & State San Antonio TX 78252	
Postage	\$ 2.98
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TOTAL Postage & Fees	\$ 2.98
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Street & Number Box 1063	
Post Office Name & State San Antonio TX 78252	
Postage	\$ 2.98
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Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
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TOTAL Postage & Fees	\$ 2.98
Postmark or Date	

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Sent to Epifanio M. Lopez	
Street & Number Box 689	
Post Office, State, ZIP Code Las Alamos NM 88252	
Postage	\$ L
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
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Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.90
Postmark or Date	

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Sent to Geraldine Williams	
Street & Number Box 20	
Post Office, State, ZIP Code Las Alamos NM 88252	
Postage	\$ L
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	C
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.90
Postmark or Date	

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Sent to Johnnie J. Moore	
Street & Number 3752 Crossroad	
Post Office, State, ZIP Code Roswell NM 88201	
Postage	\$ L
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	C
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.90
Postmark or Date	

PS Form 3800, April 1995

Z 577,007 094

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Sent to Henry Fulfer	
Street & Number Box 863	
Post Office, State, ZIP Code Las Alamos NM 88252	
Postage	\$ L
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Special Delivery Fee	
Restricted Delivery Fee	
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Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.90
Postmark or Date	

PS Form 3800, April 1995

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Sent to William E. Hill	
Street & Number Box 778	
Post Office, State, & ZIP Code Jal, NM 88252	
Postage	\$ C
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	C
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	2.78
Postmark or Date	1999

PS Form 3800, April 1995

Z 577 007 097

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

Sent to Frank B. Frame	
Street & Number Box 1017	
Post Office, State, & ZIP Code Jal, NM 88252	
Postage	\$ C
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	C
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	2.78
Postmark or Date	1999

PS Form 3800, April 1995

Z 577 007 096

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

Sent to Floyd Taylor	
Street & Number Box 857	
Post Office, State, & ZIP Code Jal, NM 88252	
Postage	\$ C
Certified Fee	C
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	2.78
Postmark or Date	1999

PS Form 3800, April 1995

Z 577 007 098

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

Sent to Bonner Ivey	
Street & Number Box 11	
Post Office, State, & ZIP Code Jal, NM 88252	
Postage	\$ C
Certified Fee	C
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	C
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	2.90
Postmark or Date	1999

PS Form 3800, April 1995

Z 577 007 099

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
El Paso Natural Gas Co.	
Street & Number	
1800 Wilco Bldg.	
City, State, ZIP Code	
Midland, TX 79701	
Postage	\$ L
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	L
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.98
Postmark or Date	1999

PS Form 3800, April 1995

Z 577 007 100

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Billy Ralph Emerson	
Street & Number	
Box 224	
City, State, ZIP Code	
Midland, TX 79701	
Postage	\$ L
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	L
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.98
Postmark or Date	1999

PS Form 3800, April 1995

Z 577 007 101

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Elvis Andrews	
Street & Number	
8100 Spry Rd.	
City, State, ZIP Code	
Evansville, IN 477150	
Postage	\$ L
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	L
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.98
Postmark or Date	1999

PS Form 3800, April 1995

Z 577 007 102

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Juanita Railey	
Street & Number	
3613 Jonette Dr.	
City, State, ZIP Code	
Pr. Worth, TX 76180	
Postage	\$ L
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	L
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.98
Postmark or Date	1999

PS Form 3800, April 1995

Z 577 007 103

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Peter A. Panagopoulos	
Street & Number	
1805 Sandy Lane	
City, State, ZIP Code	
Carlsbad, NM 88220	
Postage	\$ C
Certified Fee	C
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	C
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.70
Postmark or Date	1999

PS Form 3800, April 1995

Z 577 007 105

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Mary Mattison Fancher	
Street & Number	
HCR Box 391	
City, State, ZIP Code	
Pecos, AZ 85534	
Postage	\$ C
Certified Fee	C
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	C
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.70
Postmark or Date	1999

PS Form 3800, April 1995

Z 577 007 104

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Manard A. Rylant	
Street & Number	
119 North Cecil	
City, State, ZIP Code	
Hobbs, NM 88240	
Postage	\$ C
Certified Fee	C
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	C
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.70
Postmark or Date	1999

PS Form 3800, April 1995

Z 577, 007 106

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Mary Ellen Capps, et al	
Street & Number	
Box 792	
City, State, ZIP Code	
Buda, TX 76034	
Postage	\$ C
Certified Fee	C
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	C
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.70
Postmark or Date	1999

PS Form 3800, April 1995

Z 577 007 107

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

PS Form 3800, April 1995

Sent to	
Earl Jones	
Street & Number	
Box 1993	
Post Office State, ZIP Code	
Plainville, AZ 86072	
Postage	\$ 2
Certified Fee	1
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.98
Postmark or Date	

Z 577 007 109

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

PS Form 3800, April 1995

Sent to	
Bill and Jack Taylor	
Street & Number	
1106 N. Country Club	
Post Office State, ZIP Code	
Carlsbad, NM 88220	
Postage	\$ 1
Certified Fee	1
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.98
Postmark or Date	

Z 577 007 108

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

PS Form 3800, April 1995

Sent to	
Quince White	
Street & Number	
Box 987	
Post Office State, ZIP Code	
Jul, NM 88252	
Postage	\$ 1
Certified Fee	1
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.98
Postmark or Date	

Z 577 007 110

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

PS Form 3800, April 1995

Sent to	
Oscar Velasco	
Street & Number	
Box 1094	
Post Office State, ZIP Code	
Jul, NM 88252	
Postage	\$ 1
Certified Fee	1
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.98
Postmark or Date	

Z 577 007 111

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

Sent to Carolyn Browning	
Street & Number 1044 Birch	
Post Office, State, & ZIP Code Las Cruces, NM 88001	
Postage	\$ L
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	L
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.98
Postmark or Date MAR 26 1999	

PS Form 3800, April 1995

Z 577 007 112

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

Sent to Jerry Galle	
Street & Number Drawer RR	
Post Office, State, & ZIP Code Las Cruces, NM 88052	
Postage	\$ L
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	L
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.98
Postmark or Date MAR 26 1999	

PS Form 3800, April 1995

Z 577 007 113

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

Sent to David Duke	
Street & Number 3400 Slocum St.	
Post Office, State, & ZIP Code El Paso, NM 79936	
Postage	\$ L
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	L
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.98
Postmark or Date MAR 26 1999	

PS Form 3800, April 1995

Z 577 007 114

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

Sent to State Land Office	
Street & Number 310 Old Santa Fe Trail	
Post Office, State, & ZIP Code Box 1148 Santa Fe, NM 87504-1148	
Postage	\$ L
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	L
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.98
Postmark or Date MAR 26 1999	

PS Form 3800, April 1995

Z 577 007 115

US Postal Service

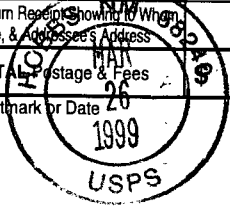
Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Elvia Andrade and Luis Tavarez	
Street & Number	
Box 28	
City, Office, State, ZIP Code	
Jalisco, Jalisco 88252	
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	2.98
Postmark or Date	26 1999

PS Form 3800, April 1995



Z 577 007 116

US Postal Service

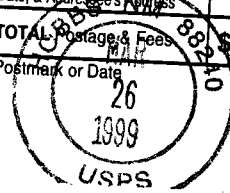
Receipt for Certified Mail

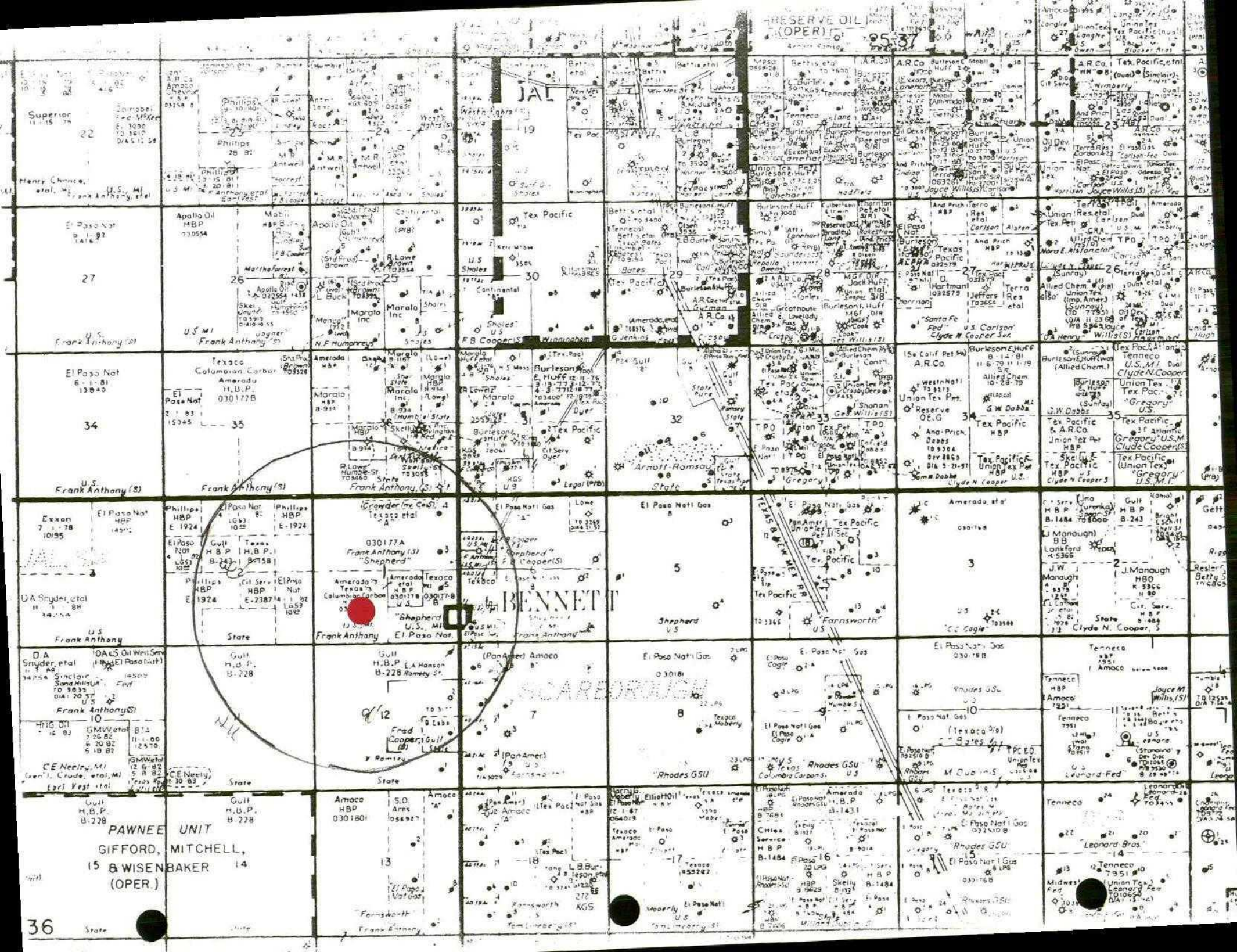
No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Armando Meza	
Street & Number	
Box 619	
City, Office, State, ZIP Code	
Jalisco, Jalisco 88252	
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	2.98
Postmark or Date	26 1999

PS Form 3800, April 1995

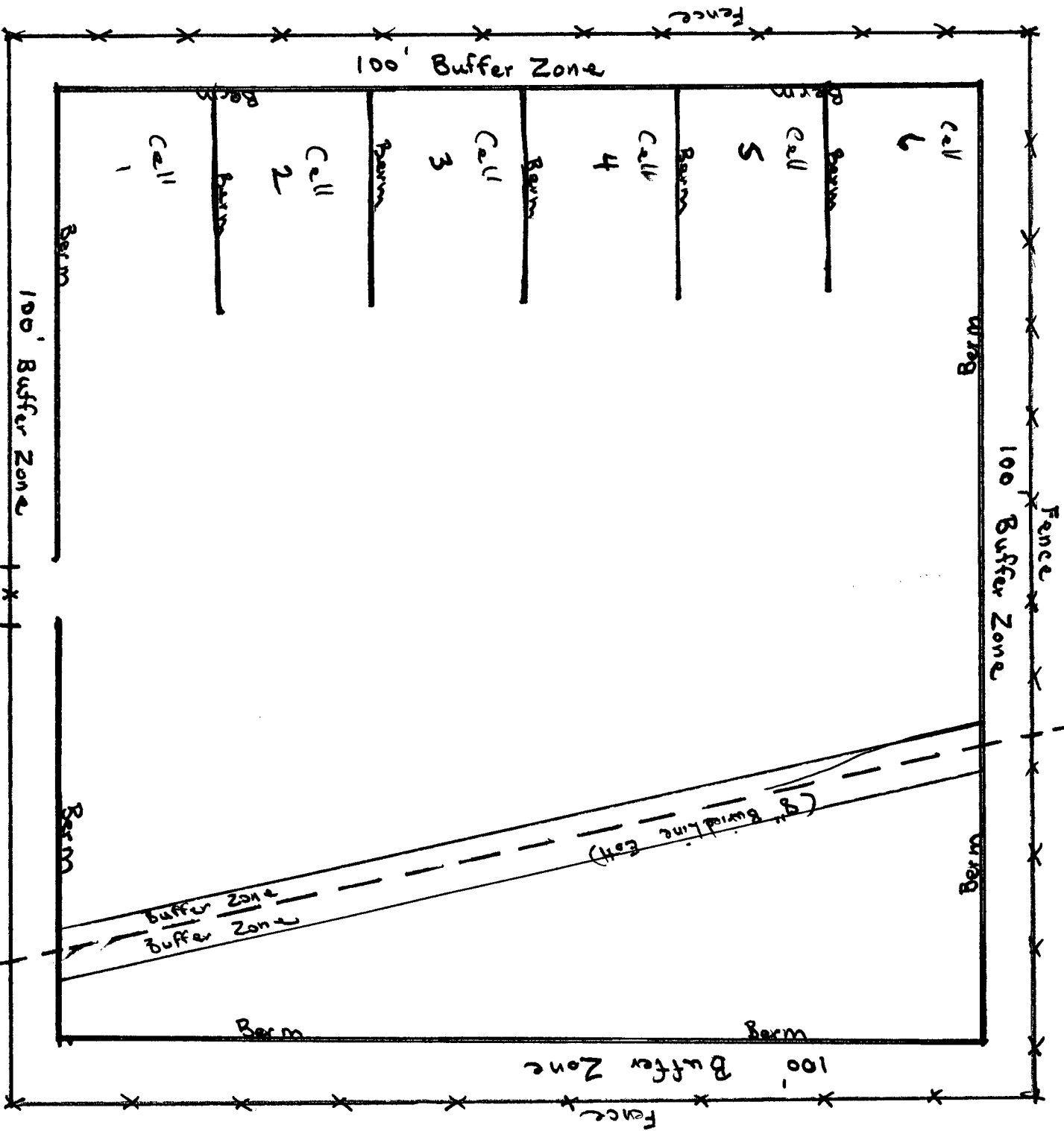




Sw 4
Sect 1
160 Ac.

B+K Landfarm

N
S



Existing Pipeline Road

Gate

B + K Landform

Fence

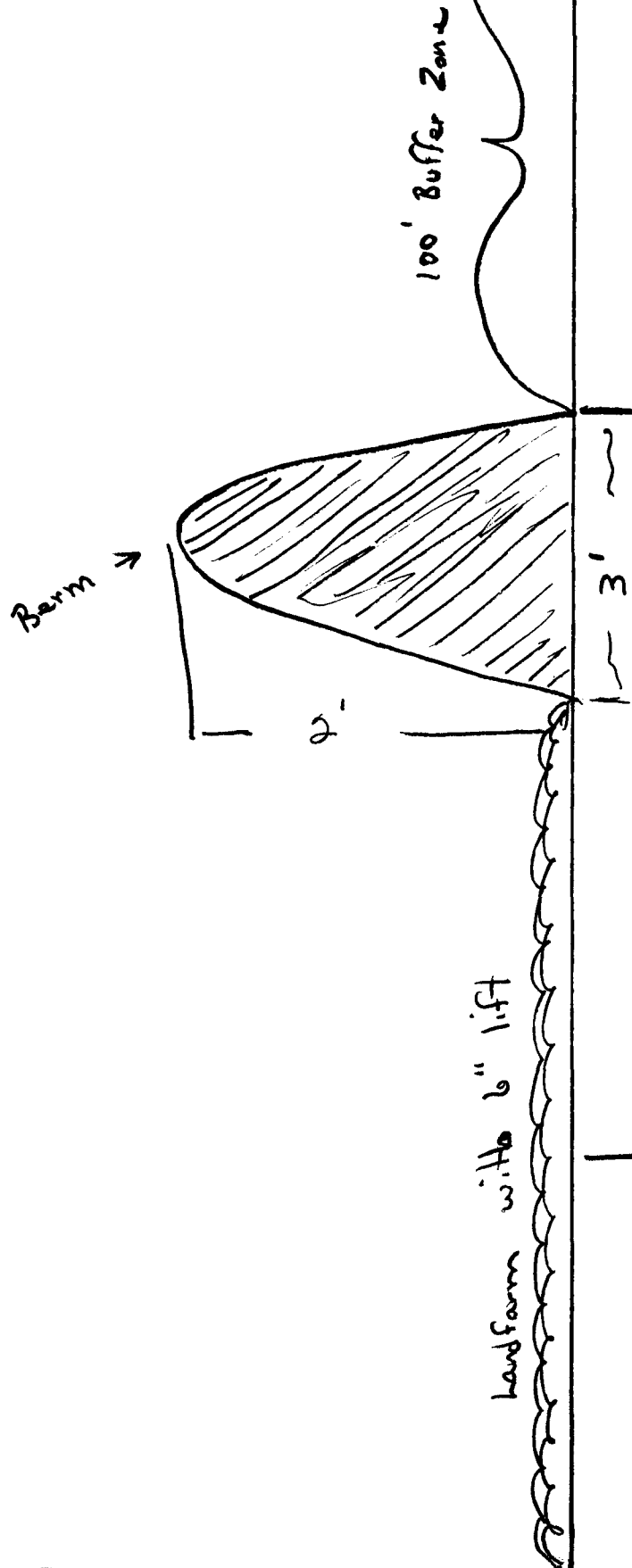
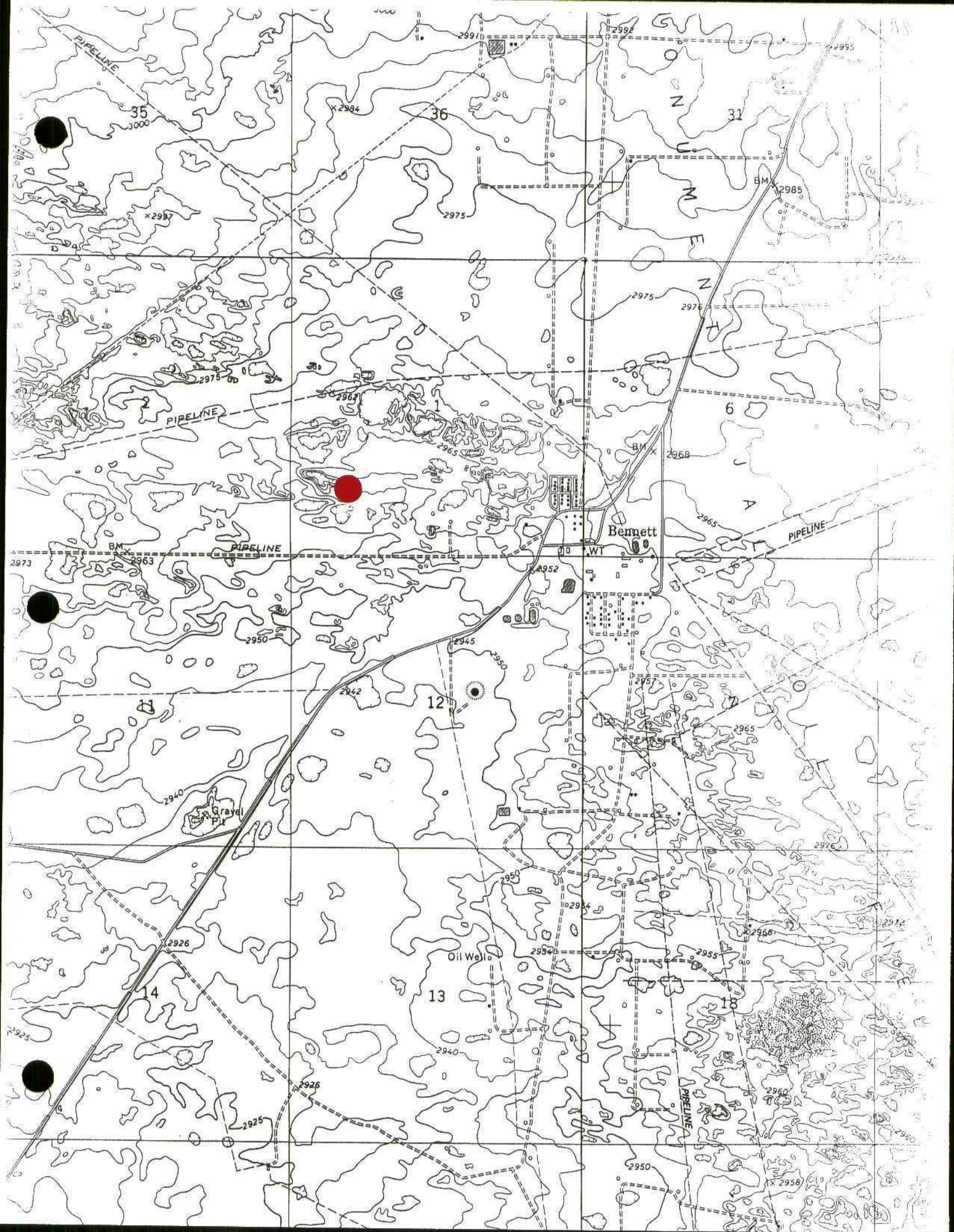
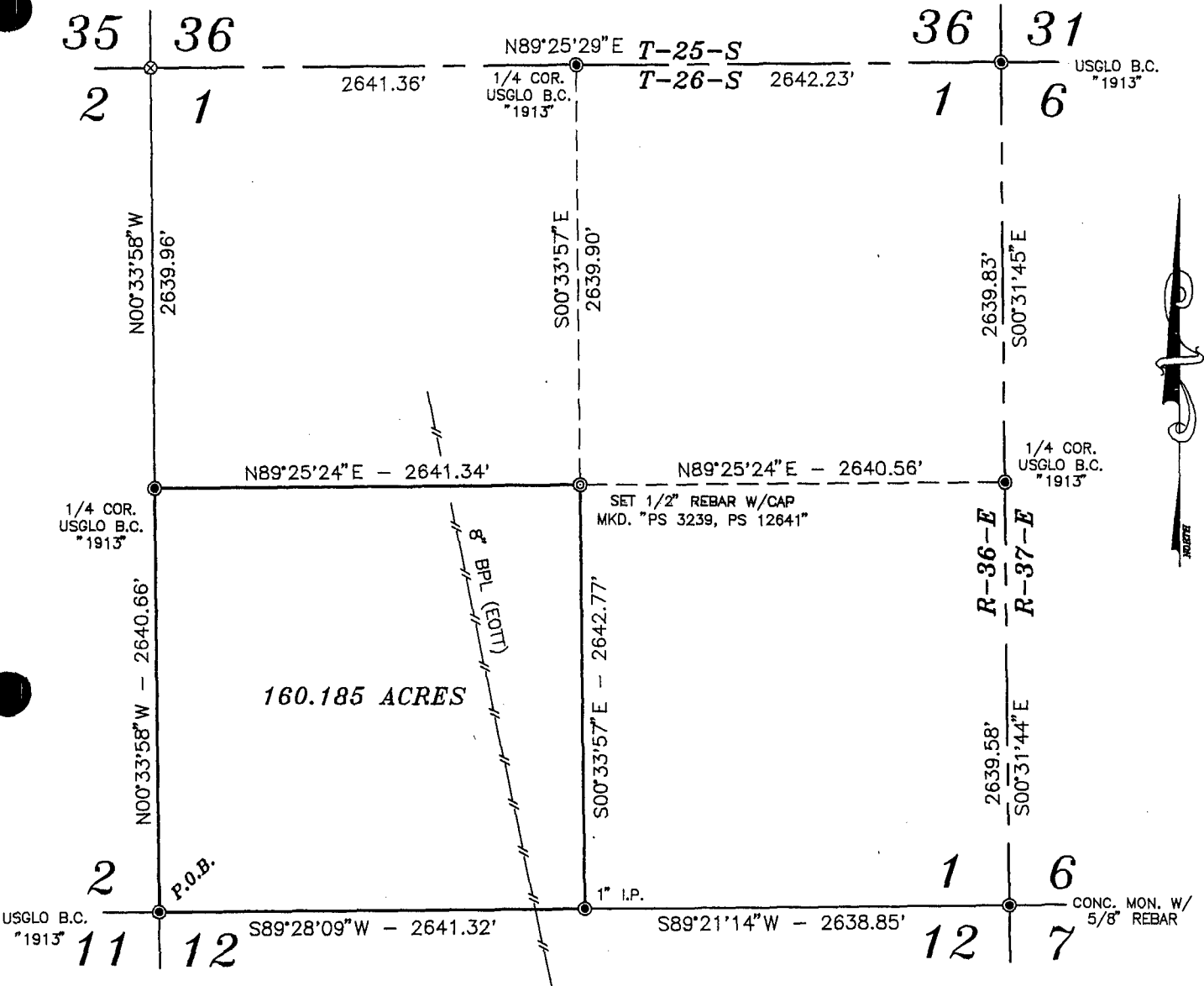


Table 5
Stratigraphic Units in
Southern Lea County, New Mexico

	Geologic Age	Geologic Unit	Thickness (ft)	General Character	Water-Bearing Properties
Cenozoic	Recent	Sand	0-30 [±]	Dune sand, unconsolidated stabilized to drifting, semiconsolidated at depth; fine- to medium-grained.	Above the zone of saturation, hence, does not yield water to wells. Aids recharge to underlying formations by permitting rapid infiltration of rainwater.
	and				
	Pleistocene	Alluvium	0-400 [±]	Channel and lake deposits; alternating thick bedded calcareous silt, fine sand, and clay; thickest in San Simon Swale; less than 100 feet thick in most places.	Saturated and highly permeable in places in east end of Laguna Valley. Forms continuous aquifer with Ogallala formation. Wells usually yield less than 30 gpm. Locally above the water table.
Cenozoic	Pliocene	Ogallala	0-300 [±]	Semiconsolidated fine-grained calcareous sand capped with thick layer of caliche; contains some clay, silt, and gravel.	Major water-bearing formation of the area. Unsaturated in many localities, such as north side of Grama Ridge, west side of Emice Plain, Antelope Ridge area, and Rattlesnake Ridge. Greatest saturated thickness along east side of Emice Plain, west of Monument Draw, where wells yield up to 30 gpm. Highest yields, up to 700 gpm, obtained from wells along south edge of Emice Plain, east of Jal.
Mesozoic		Undifferentiated	35 [±]	Small isolated and buried residual blocks of limestone, about 3 miles east of Emice.	Possibly small isolated bodies of water locally.
Mesozoic		Chinle formation	0-1,270 [±]	Claystone, red and green; minor fine-grained sandstones and siltstones; underlies all of eastern part of southern Lea County area; then westward; absent in extreme west.	Yields small quantities of water from sandstone beds. Yields are rarely over 10 gpm. Water has high sulfate content.
Mesozoic		Santa Rosa sandstone	140-300 [±]	Sandstone, chiefly red but locally white, gray, or greenish-gray; fine- to coarse-grained; exposed in extreme west; underlies Cenozoic rocks in western part of area, and is present at depth in eastern part.	Yields small quantities of water over most of the area. Some wells are reported to yield as much as 100 gpm. Water has high sulfate content.
Paleozoic		Undifferentiated	90-400 [±]	Siltstone, red, shale, and sandstone; present at depth under all of southern Lea County.	No wells are known to be bottomed in the red beds. Probably can yield very small quantities of high-sulfate water.
Paleozoic			6,500-17,000 [±]	Thick basin deposits ranging in character from evaporites to coarse clastics; thinnest on the east side of the area over the Central basin platform, thickest toward the southwest.	No presently usable water supply available from these rocks. Source of highly mineralized oil-field waters.
Precambrian				Granite, granodioritic and other igneous and metamorphic rocks; complex structure.	Not hydrologically significant.

Information from Nicholson, A. and A. Clebsch, Geology and Ground-Water Conditions in Southern Lea County, New Mexico, New Mexico Bureau of Mines and Mineral Resources, New Mexico Institute of Mining and Technology, Socorro, NM 1961.





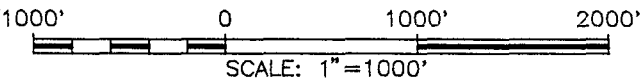
NOTE: BEARINGS ARE MERCATOR GRID, NORTH AMERICAN DATUM OF 1983, NEW MEXICO EAST ZONE. DISTANCES ARE SURFACE VALUE AND DO NOT REFLECT A GRID FACTOR ADJUSTMENT.

- LEGEND**
- - DENOTES FOUND MONUMENT
 - ⊗ - DENOTES CALC. CORNER
 - ⊙ - DENOTES SET 1/2" REBAR W/CAP MKD. "PS3239, PS 12641"

LEGAL DESCRIPTION

THE SOUTHWEST QUARTER OF SECTION 1, TOWNSHIP 26 SOUTH, RANGE 36 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A IRON PIPE WITH USGLO BRASS CAP DATED "1913" FOUND FOR THE SOUTHWEST CORNER OF SAID SECTION 1; THENCE N00°33'58"W - 2640.66 FEET; THENCE N89°25'24"E - 2641.34 FEET; THENCE S00°33'57"E - 2642.77 FEET; THENCE S89°28'09"W - 2641.32 FEET TO THE POINT OF BEGINNING, AND CONTAINING 160.185 ACRES OF LAND, MORE OR LESS.



I HEREBY CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAN MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

GARY G. EIDSON
NEW MEXICO
2/5/99
ROBERT J. EIDSON, N.M. R.P.S. No. 3239
GARY G. EIDSON, N.M. R.P.S. No. 12641
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO STREET, NEW MEXICO (505)393-3117

B & K LAND FARM			
MONUMENTATION SURVEY OF THE SOUTHWEST QUARTER OF SECTION 1, TOWNSHIP 26 SOUTH, RANGE 36 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO			
Survey Date: 1/15/99	Sheet 1 of 1 Sheets		
W.O. Number: 99-11-0020	Drawn By: CDG		
Date: 1/29/99	TRACTS	BK_0020.DWG	