

AP - 020

**STAGE 1 & 2
WORKPLANS**

DATE:

Aug. 2003

MNA ENTERPRISES, LTD.

W.F. HANAGAN

ABATEMENT PLAN AP-20

CLOSURE

AUGUST 2003

RECEIVED

AUG 26 2003

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

August 21, 2003

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

RE: MNA Enterprise, Ltd.
Stage 1 Abatement Plan (AP-20) Closure
W.F. Hanagan SWD Line Leak

Mr. Olson:

As directed and approved, MNA has completed closure of the AP-20 site.

With the Aid of Phoenix Environmental as contractor, 660 cu. yds. of soil was hauled off of the MNA site. When the leak was originally discovered and approved, Donna Williams had MNA haul approximately two feet of soil from the spill site. Our approval was to remove an additional two feet and backfill with clean soil from Mr. Osborn's stock pile.

- 1) Phoenix removed 660 cu. yds. of contaminated soil and was disposed of at Doom Landfarm, Jal, NM, Permit #NM-01-0033.
- 2) Samples were taken from the site, a composite of the bottom and sidewalls and the clean soil used as backfill. A total of 816 cu. yds. of clean soil was used to backfill and crown.
- 3) Photos of all activities within.
- 4) Analytical within.
- 5) Maps and drawing within.

Whenever we receive moisture in the area, Phoenix has been designated to reseed the site with grasses native to the area.

This should bring closure to this site.

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

Sincerely,

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 and address.

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



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 ____

ANALYSIS REQUEST

Company Name: Edgemoor Seay Consulting
 Project Manager: Edgemoor Seay Consulting
 Address: 691 W Illinois State: TX Zip: 78242
 City: Abilene Attn: [Signature]
 Phone #: 392-2234 Address: [Signature]
 Fax #: 392-1849 City: [Signature]
 Project #: MNA Project Owner: D. Alexander State: [Signature] Zip: [Signature]
 Project Name: MNA - Osborn Phone #: [Signature]
 Project Location: Job N.M. Fax #: [Signature]

FOR LAB USE ONLY

LAB I.D. Sample I.D.

(G) GRAB OR (C) COMP # CONTAINERS

MATRIX: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER:

PRES. DATE TIME

SAMPLING

LAB I.D.	Sample I.D.	(G) GRAB OR (C) COMP	# CONTAINERS	MATRIX	PRES.	DATE	TIME	ANALYSIS REQUEST
H7875-1	MNA-8-1	✓	1	SOIL		8/1	9:30	TPH ✓ CL ✓
-2	MNA-5-2	✓	1	SOIL		8/1	7:30	✓
-3	Osborn 41	✓	1	SOIL		8/1	9:00	✓

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising under this contract or tort, shall be 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: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished: [Signature] Date: 8/1 Time: 11:00 Received By: [Signature]

Relinquished By: [Signature] Date: [Signature] Time: [Signature] Received By: (Lab Staff) [Signature]

Delivered By: (Circle One) MNA Sample Condition: Cool Intact Yes No

Sampler - UPS - Bus - Other: [Signature] CHECKED BY: (Initials) [Signature]

REMARKS: 390-2454 = Bottom sample
MNA-5-2 = Side walls sample
Osborn-1 = Clean soil

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



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: (505) 392-6949

Receiving Date: 08/01/03
 Reporting Date: 08/01/03
 Project Owner: D. ALEXANDER
 Project Name: MNA-OSBORN
 Project Location: JAL, NM

Sampling Date: 08/01/03
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: AH
 Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	TPH (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE:		08/01/03	08/01/03
H7875-1	MNA-B-1	25.5	560
H7875-2	MNA-S-2	273	224
H7875-3	OSBORN #1	<10	96
Quality Control		230	1000
True Value QC		240	1000
% Recovery		95.7	100
Relative Percent Difference		8.5	2.0

METHODS: TPH-EPA 600/4-79-020 418.1; Cl-Std. Methods 4500-ClB

*Analyses performed on 1:4 w:v aqueous extracts.

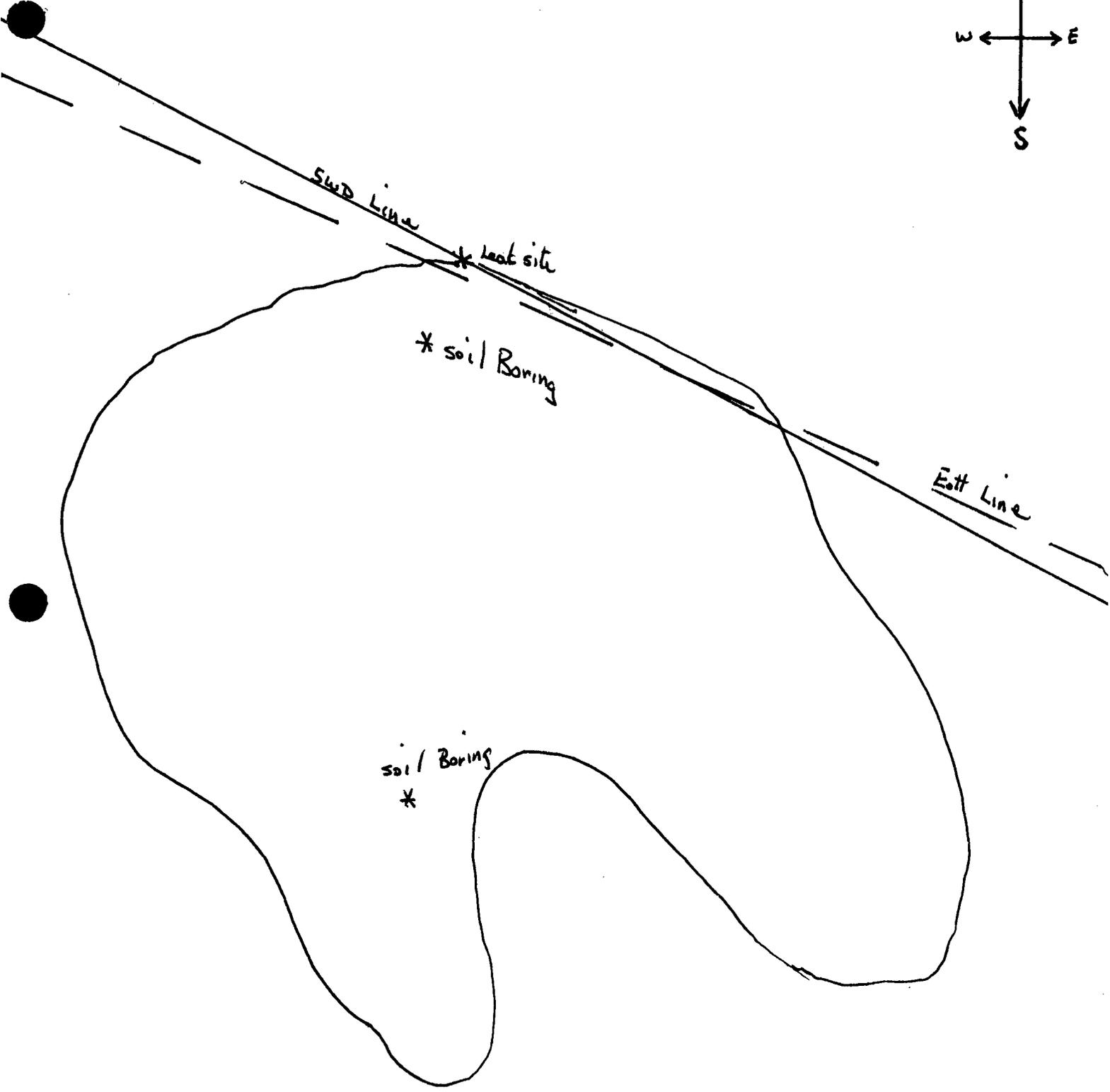
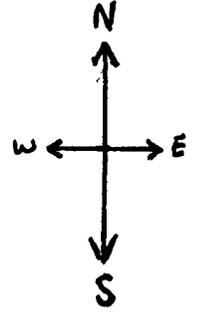
[Signature]
 Chemist

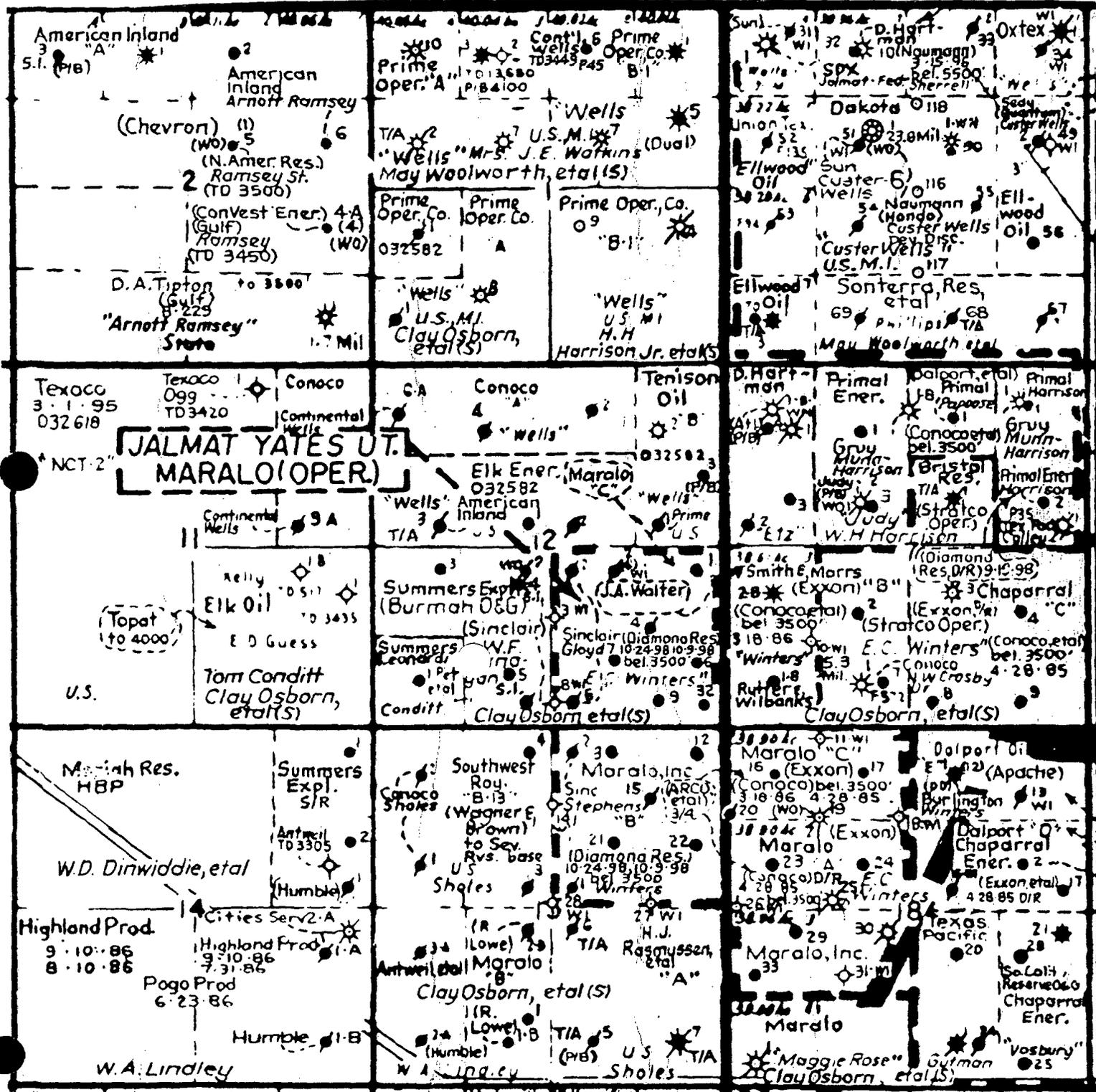
8/01/03
 Date

TH7875.XLS

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MNA SITE







Before excavating





07 28



07 23



Work in progress





07 30 '0



07 30



08 04 '03



08 04 03







Backfill and closure





