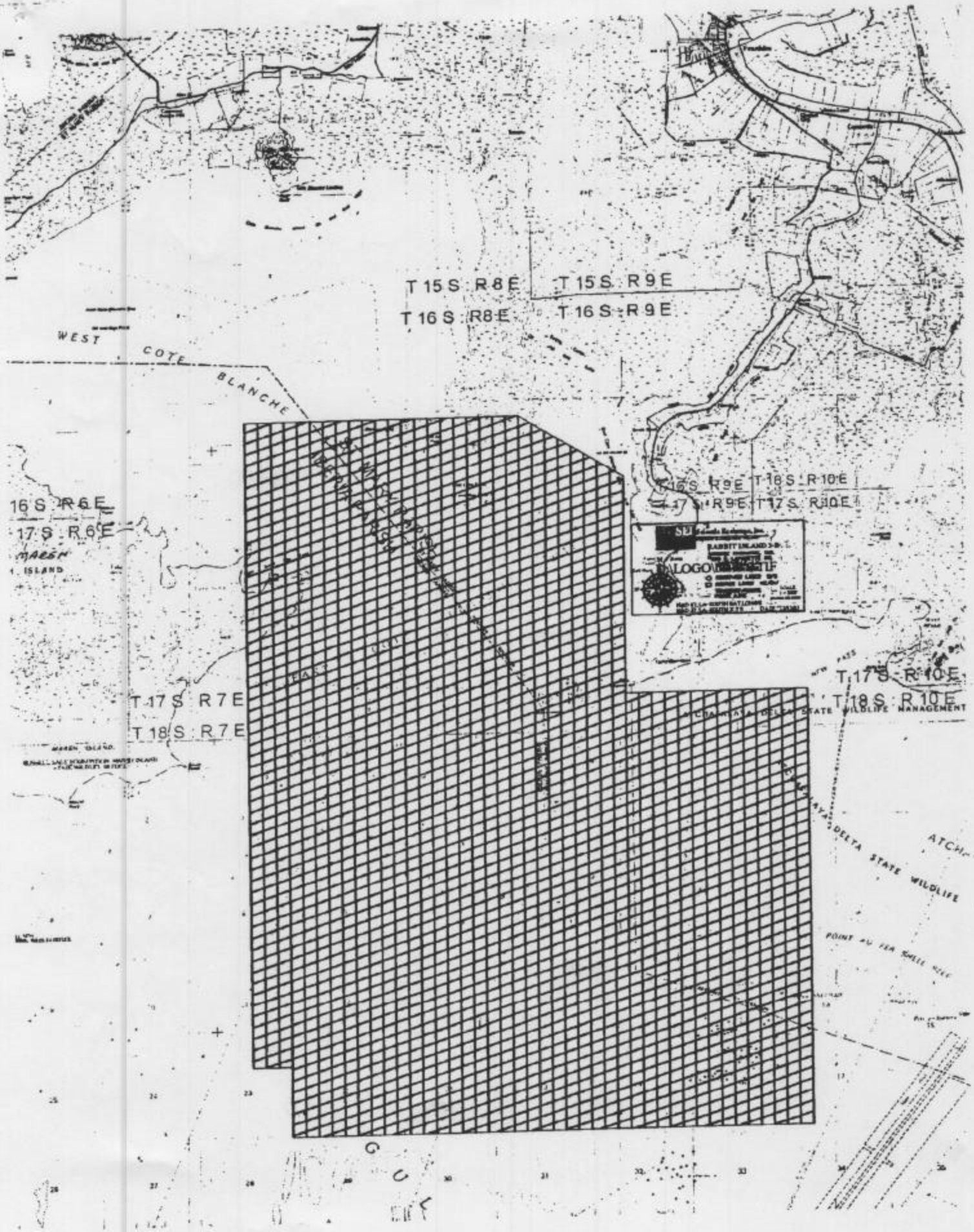
T 15 S R8E
T 15 S R9E
T 16 S R8E
T 16 S R9E
WEST
COTE
BLANCHE
16 S R6E
17 S R6E
MARSH
ISLAND
T 16 S R9E
T 16 S R10E
T 17 S R9E
T 17 S R10E
T 17 S R7E
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STATE WILDLIFE MANAGEMENT
ATCHA
FALAYA DELTA STATE WILDLIFE
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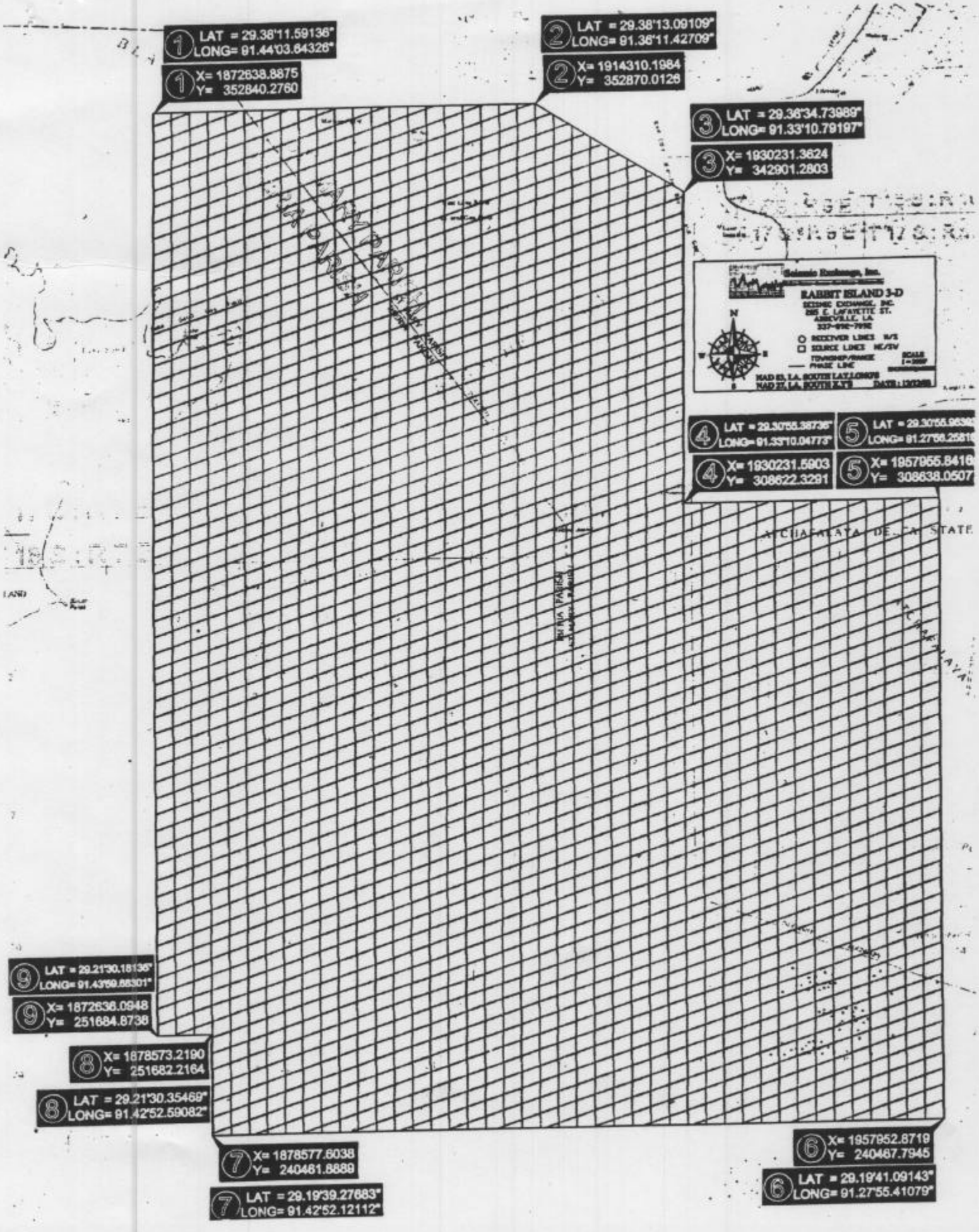
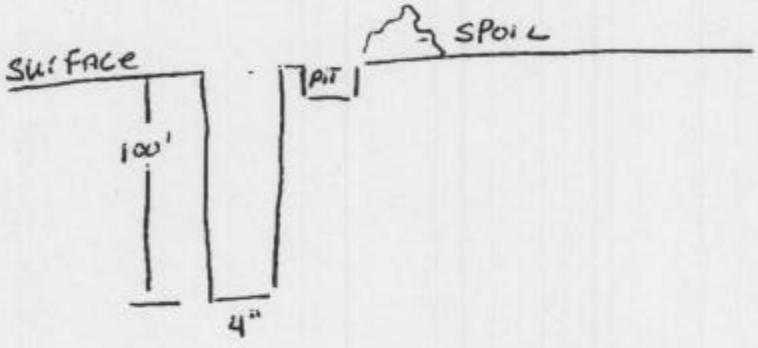
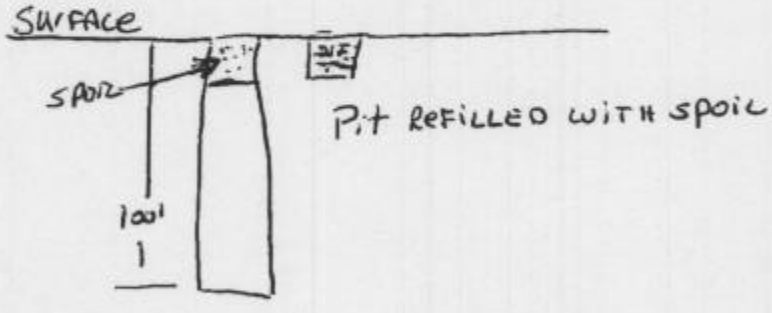

1 LAT = 29.38'11.59136"
LONG= 91.44'03.64326"
1 X= 1872638.8875
Y= 352840.2760
2 LAT = 29.38'13.09109"
LONG= 91.36'11.42709"
2 X= 1914310.1984
Y= 352870.0126
3 LAT = 29.36'34.73989"
LONG= 91.33'10.79197"
3 X= 1930231.3624
Y= 342901.2803
Seismic Exchange, Inc.
RABBIT ISLAND 3-D
SEISMIC EXCHANGE, INC.
105 E. LAFAYETTE ST.
LAFAYETTE, LA.
337-896-7996
RECEIVER LINES N/S
SOURCE LINES NE/SW
TOWNSHIP/RANGE
PHASE LINE
SCALE
NAD 83, LA. SOUTH LAT/LONGS
NAD 27, LA. SOUTH X-Y'S
DATE:
4 LAT = 29.30'55.38736"
LONG= 91.33'10.04773"
5 LAT = 29.30'55.96386
LONG= 91.27'56.25816
4 X= 1930231.5903
Y= 308622.3291
5 X= 1957955.8416
Y= 308638.0507
ACHAFALAYA DE LA STATE
9 LAT = 29.21'30.18136"
LONG= 91.43'59.68301"
9 X= 1872636.0948
Y= 251684.8738
8 X= 1878573.2190
Y= 251682.2164
8 LAT = 29.21'30.35469"
LONG= 91.42'52.59082"
7 X= 1878577.6038
Y= 240461.8889
7 LAT = 29.19'39.27683"
LONG= 91.42'52.12112"
6 X= 1957952.8719
Y= 240487.7945
6 LAT = 29.19'41.09143"
LONG= 91.27'55.41079"

Typical Cross Section of Shot Hole In Marsh Area

Cross section of shot hole drilled with spoil area.



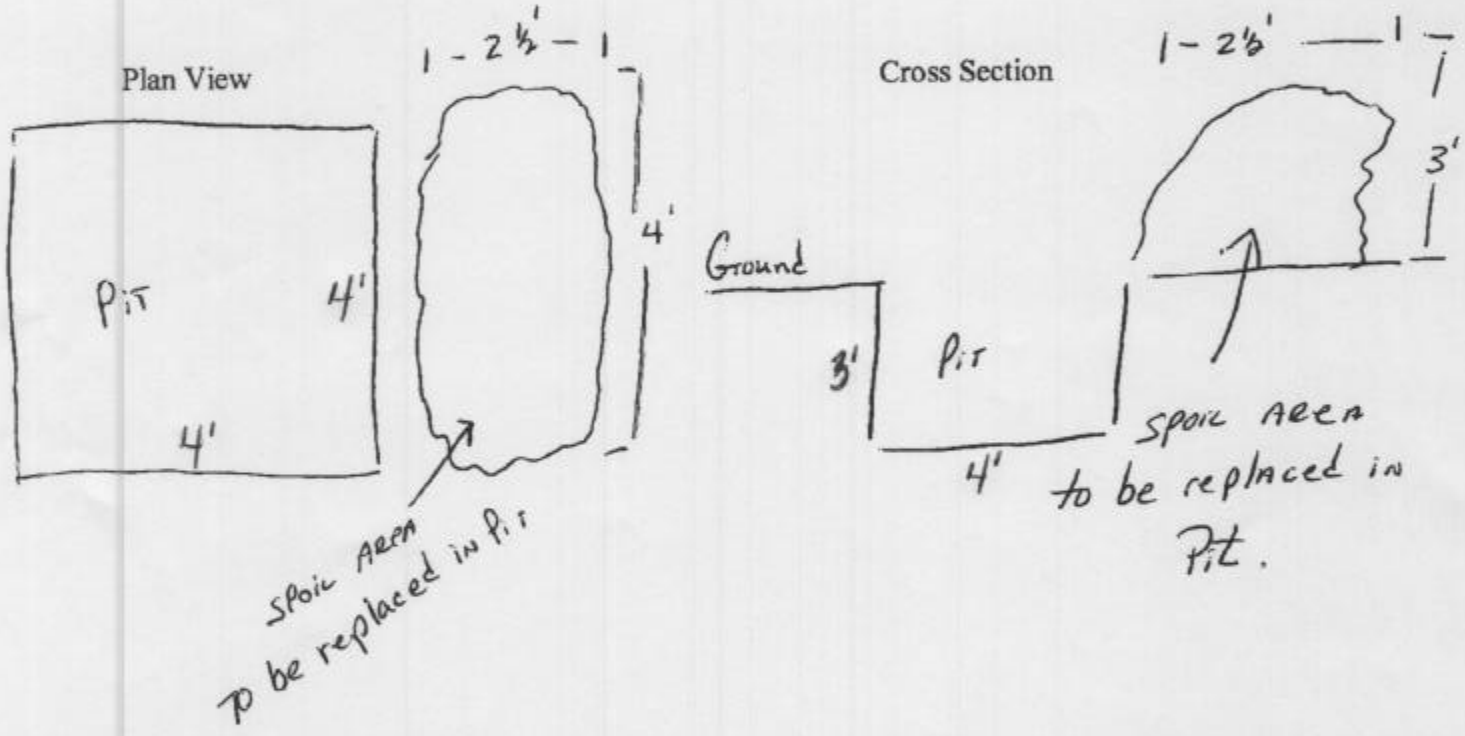
Cross section of shot hole drilled and plugged as per state requirements



CUBIC YARDS OF DREDGE MATERIAL:

If pits are required at all shot points in the marsh there will be approximately 250 pits dug to accumulate water for drilling.
These pits would be approximately 4'X4'X3' or a total of 48 cubic feet or 1.77 cubic yards for each pit.
Using 1.77 cubic yards per pit and the 250 pits there will be 443 cubic yards of material removed. This material will be placed beside the pits and when drilling is complete the material will be replaced in the pit.

See diagram below:



TYPE OF EQUIPMENT TO BE USED:

The survey and recording crews will use airboats and /or marsh buggies on all marsh areas and flat boats in the open water.
The drilling crews will use airboats and marsh buggies in the marsh areas and drill rigs mounted on jack-up barges in the open water
A helicopter will be used to deliver the seismic recording equipment to the locations with crews in airboats or walking coming behind to deploy the equipment.

The source lines will be traversed a minimum of 6 times, with more likely if any holes have to be re-drilled. More than likely the source lines will be traversed 8 to 10 times.

The receiver lines will be traversed a minimum of 8 times with more than likely 12 to15 times. This includes both drillers and shooters using receiver lines to access the source lines.

There will be no back washing or prop washing utilized on this project.