

**Monitoring Well Abandonment Report
Army National Guard Sites at Pelham Range**

Fort McClellan, Calhoun County, Alabama

Prepared for:

**U.S. Army Corps of Engineers, Mobile District
109 St. Joseph Street
Mobile, Alabama 36602**

Prepared by:

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**Task Order CK05
Contract No. DACA21-96-D-0018
Shaw Project No. 774645**

March 2005

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List of Acronyms

ADEM	Alabama Department of Environmental Management
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
EPA	U.S. Environmental Protection Agency
OB/OD	Open burn and open detonation
Shaw	Shaw Environmental, Inc.
SI	site investigation
UXO	unexploded ordnance

1.0 Introduction

Shaw Environmental, Inc. (Shaw) completed well abandonment activities at Pelham Range at Fort McClellan in Anniston, Alabama. These activities were in support of environmental investigations conducted by Shaw under contract with the U.S. Army Corps of Engineers, Mobile District.

A total of 36 monitoring wells were abandoned at the following six sites on Pelham Range:

- Range 23A, Multipurpose Range, Parcel 109(7)
- Old Water Hole, Parcel 205(7)
- Anniston Army Depot, Former Shell Tapping Area, Parcel 208(7)
- Burial Mound at Rideout Field, Parcel 202Q-RD
- Range 4A, Fog Oil Storage Area, Parcel 123(6)
- Open Burn and Open Detonation (OB/OD) Unit.

The locations of the six sites are shown on Figure 1. All known monitoring wells at the six sites were abandoned. The well abandonments were completed in accordance with Alabama Department of Environmental Management (ADEM) Groundwater Branch guidelines (IT Corporation, 2000).

2.0 Site Descriptions

This section provides brief descriptions of Fort McClellan and the six Pelham Range sites where well abandonments were performed.

2.1 Facility Description

Fort McClellan is located in Calhoun County in the foothills of the Appalachian Mountains in northeast Alabama and is comprised of two tracts of land: Main Post and Pelham Range. The installation previously included the Choccolocco Corridor, a 4,488-acre tract of land that was leased from the State of Alabama from the 1940s until 1998. The city of Anniston is located to the south and west and the city of Weaver to the northwest of the Main Post installation. Pelham Range is approximately five miles due west of the Main Post and adjoins Anniston Army Depot along its southern boundary.

dbomar

12/8/2004

STARTING DATE: 11/08/04

DATE LAST REV.:

DRAFT. CHCK. BY:

INITIATOR: J. TARR

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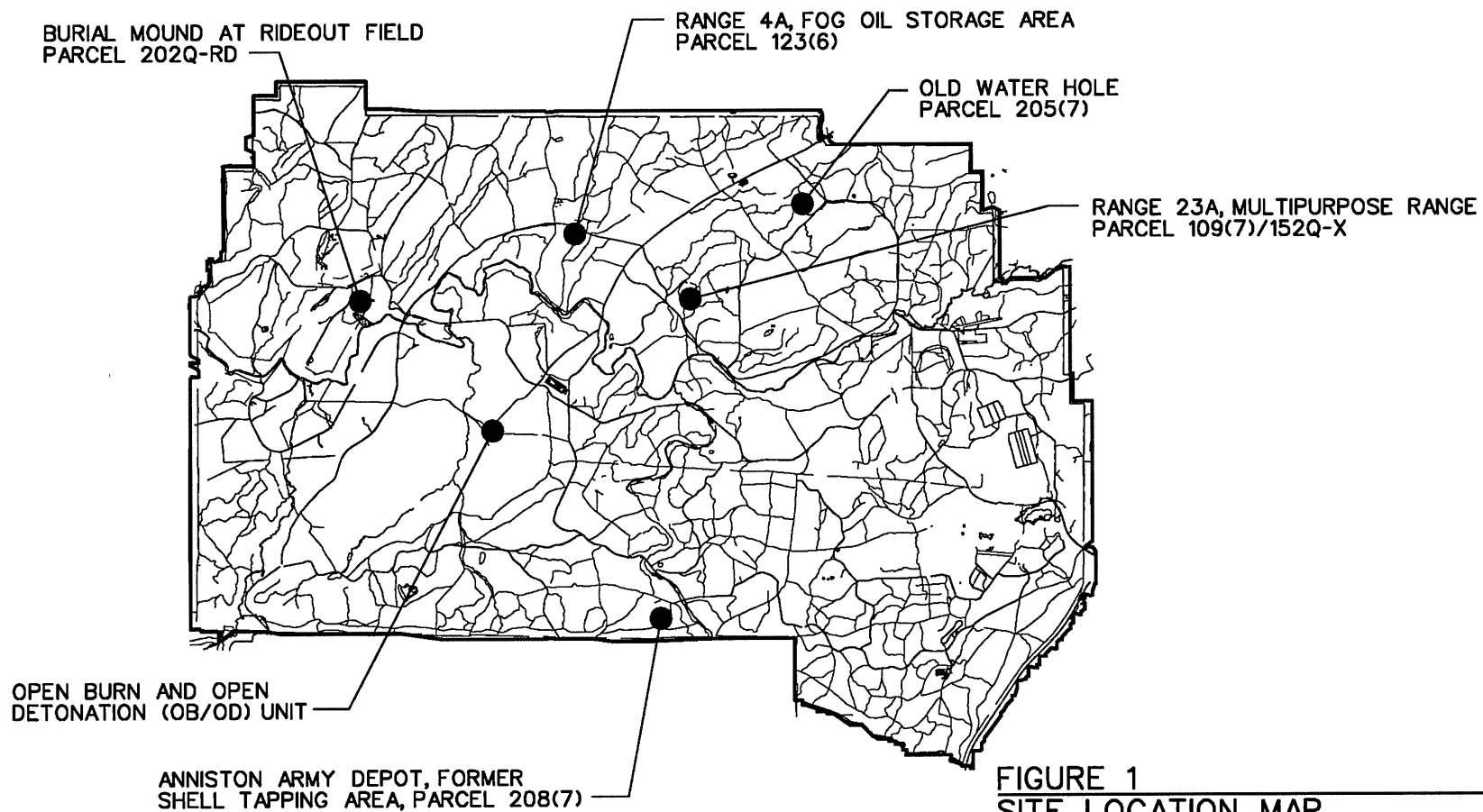
DRAWN BY: D. BOMAR

DRAWN BY:

ENGR. CHCK. BY: S. MORAN

PROJ. MGR.: J. YACOB

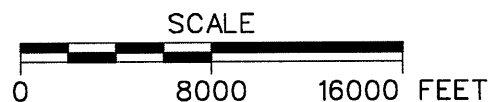
PROJ. NO.: 774645

**LEGEND**

- SITE FOR MONITORING
WELL ABANDONMENT

FIGURE 1
SITE LOCATION MAP
PELHAM RANGE

U. S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
FORT McCLELLAN
CALHOUN COUNTY, ALABAMA
Contract No. DACA21-96-D-0018



 **Shaw**™ Shaw Environmental, Inc.

2.2 Site Descriptions

The monitoring wells abandoned at Pelham Range during January 2005 are listed in Table 1. Monitoring well abandonments followed the procedures and guidelines established by ADEM, Groundwater Branch. Well abandonments were performed at the six sites listed below:

- Range 23A, Multipurpose Range, Parcel 109(7)/152Q-X, occupies approximately 41 acres in the north-central portion of Pelham Range. Shaw installed four permanent groundwater monitoring wells at Range 23A during site investigation (SI) activities in December 2001. Based on results of the SI, ADEM and the U.S. Environmental Protection Agency (EPA) approved “No Further Action” at the site with regard to Comprehensive Environmental Response Compensation and Liability Act (CERCLA)-related hazardous substances in 2004.
- The Old Water Hole, Parcel 205(7), is an approximately 9-acre area located within Training Area 5C in the northeast region of Pelham Range. Nine groundwater monitoring wells were installed as part of environmental investigations at the site. Five monitoring wells (OWH-205-MW01 through OWH-205-MW05) were installed by Science Applications International Corporation in 1995, and Shaw installed four monitoring wells (OWH-205-MW06 through OWH-205-MW09) in September and October 2002. Based on the results on Shaw’s 2002 investigation, ADEM and EPA approved “No Further Action” at the site with regard to CERCLA-related hazardous substances in 2004.
- The Anniston Army Depot, Former Shell Tapping Area, Parcel 208(7), is located along the south-central border of Pelham Range. Shaw installed two groundwater monitoring wells (RNG-208-MW01 and RNG-208-MW02) during an SI in March 2000. Based on the results of the SI, ADEM and EPA approved “No Further Action” at the site with regard to CERCLA-related hazardous substances in May 2002.
- The Burial Mound, Parcel 202Q-RD, is located at the north end of Rideout Field in the western portion of Pelham Range. Shaw installed seven groundwater monitoring wells (RF-MW01 through RF-MW07) during a radiological groundwater investigation in June and July 2002. Based on the results of the investigation, the Alabama Department of Public Health and EPA approved “No Further Action” at the site in 2004 and 2002, respectively.
- Range 4A, Fog Oil Storage Area, Parcel 123(6), is located in the north-central portion of Pelham Range. Shaw installed five groundwater monitoring wells (PR-123-MW01 through PR-123-MW05) during an SI in May 2001. Based on the results of the SI, ADEM and EPA approved “No Further Action” at the site with regard to CERCLA-related hazardous substances in 2004 and 2002, respectively.

Table 1

**Monitoring Well Abandonment Summary
Army National Guard Sites, Pelham Range
Fort McClellan, Calhoun County, Alabama**

(Page 1 of 2)

Well Location	Well Type	Northing	Easting	Ground Elevation (ft.amsl)	Total Depth Measured (ft btoc)	Screen Length (ft)	Well Material	Date Grouted	Volume Grout Used (ft ³)	Surface Completion Date
PR-123-MW01	Residuum	1178352.86	617718.12	628.51	77	20	2" ID Sch. 40 PVC	1/19/05	1.68	1/20/05
PR-123-MW02	Residuum	1178203.60	617643.71	628.25	82	20	2" ID Sch. 40 PVC	1/19/05	1.79	1/20/05
PR-123-MW03	Residuum	1178390.71	617717.74	627.54	76.4	20	2" ID Sch. 40 PVC	1/19/05	1.67	1/20/05
PR-123-MW04	Residuum	1178243.99	617711.32	625.10	77.3	20	2" ID Sch. 40 PVC	1/19/05	1.69	1/20/05
PR-123-MW05	Residuum	1178325.10	617621.08	630.29	75.3	20	2" ID Sch. 40 PVC	1/19/05	1.64	1/20/05
OWH-205-MW01	Residuum	1179697.03	628482.96	657.73	108.3	20	4" ID Sch. 80 PVC	1/17/05	9.4	1/25/05
OWH-205-MW02	Residuum	1179338.23	628254.20	660.11	105	10	4" ID Sch. 80 PVC	1/17/05	9.15	1/25/05
OWH-205-MW03	Residuum	1179204.35	628611.38	654.53	75.3	10	4" ID Sch. 80 PVC	1/17/05	6.57	1/25/05
OWH-205-MW04	Residuum	1179480.36	628485.85	654.56	100.3	10	4" ID Sch. 80 PVC	1/17/05	8.75	1/25/05
OWH-205-MW05	Residuum	1179566.59	628603.48	661.97	94.9	10	4" ID Sch. 80 PVC	1/17/05	8.28	1/25/05
OWH-205-MW06	Bedrock	1179698.92	628463.93	657.08	152	20	4" ID Sch. 80 PVC	1/17/05	13.26	1/25/05
OWH-205-MW07	Bedrock	1179552.55	628614.47	661.71	151.4	20	4" ID Sch. 80 PVC	1/17/05	13.21	1/25/05
OWH-205-MW08	Residuum	1179347.30	628235.89	660.92	143	10	4" ID Sch. 80 PVC	1/17/05	12.48	1/25/05
OWH-205-MW09	Residuum	1179260.51	628409.60	656.61	152.8	20	4" ID Sch. 80 PVC	1/17/05	13.33	1/25/05
RNG-109-MW01	Residuum	1175412.70	623288.21	641.65	40.5	15	2" ID Sch. 40 PVC	1/19/05	0.88	1/20/05
RNG-109-MW02	Residuum	1175265.70	622606.42	605.88	31.9	15	2" ID Sch. 40 PVC	1/19/05	0.70	1/20/05
RNG-109-MW03	Residuum	1174763.33	622673.60	598.16	33.5	15	2" ID Sch. 40 PVC	1/19/05	0.73	1/20/05
RNG-109-MW04	Residuum	1175053.46	622823.73	604.08	41.5	15	2" ID Sch. 40 PVC	1/19/05	0.91	1/20/05
RNG-208-MW01	Residuum	1159956.42	623016.98	732.05	93.1	20	2" ID Sch. 40 PVC	1/25/05	2.03	1/26/05
RNG-208-MW02	Residuum	1161076.82	622581.64	710.86	103.5	20	2" ID Sch. 40 PVC	1/25/05	2.26	1/26/05
RF-MW01	Residuum	1175307.40	607793.63	553.15	26.3	10	2" ID Sch. 40 PVC	1/18/05	0.57	1/19/05
RF-MW02	Residuum	1175169.35	607761.15	550.50	26.3	10	2" ID Sch. 40 PVC	1/18/05	0.57	1/19/05
RF-MW03	Residuum	1175190.89	607815.86	552.01	22.8	10	2" ID Sch. 40 PVC	1/18/05	0.50	1/19/05
RF-MW04	Residuum	1174360.65	607894.02	518.70	22.6	10	2" ID Sch. 40 PVC	1/18/05	0.49	1/19/05
RF-MW05	Bedrock	1175304.31	607769.39	552.75	94.2	25	4" ID Sch. 80 PVC	1/18/05	8.22	1/19/05
RF-MW06	Bedrock	1175161.46	607746.86	550.01	83.2	20	4" ID Sch. 80 PVC	1/18/05	7.26	1/19/05
RF-MW07	Bedrock	1175173.97	607824.70	549.79	86.9	25	4" ID Sch. 80 PVC	1/18/05	7.58	1/19/05
OB/OD-MW01	Residuum	1169465.11	613749.41	557.33	32.3	10	2" ID Sch. 40 PVC	1/25/05	0.70	1/26/05
OB/OD-MW02	Residuum	1169141.82	613993.49	562.28	37.4	10	2" ID Sch. 40 PVC	1/20/05	0.82	1/25/05
OB/OD-MW03	Residuum	1169225.49	613847.88	557.42	33.3	10	2" ID Sch. 40 PVC	1/19/05	0.73	1/25/05
OB/OD-MW04	Residuum	1169376.81	613329.89	559.77	33.2	10	2" ID Sch. 40 PVC	1/19/05	0.72	1/25/05
OB/OD-MW05	Residuum	1169143.98	613692.83	558.76	29.9	10	2" ID Sch. 40 PVC	1/19/05	0.65	1/25/05
OB/OD-MW06	Residuum	1169226.34	613364.39	560.71	32.5	10	2" ID Sch. 40 PVC	1/20/05	0.71	1/25/05
OB/OD-MW07	Residuum	1169502.47	613272.06	556.72	40.6	10	2" ID Sch. 40 PVC	1/20/05	0.89	1/25/05
OB/OD-MW08	Residuum	1169597.45	613072.32	549.63	30.2	10	2" ID Sch. 40 PVC	1/20/05	0.66	1/25/05
OB/OD-MW09	Residuum	1169722.08	613097.37	550.63	32.8	10	2" ID Sch. 40 PVC	1/20/05	0.72	1/25/05

Table 1

Monitoring Well Abandonment Summary Army National Guard Sites, Pelham Range Fort McClellan, Calhoun County, Alabama

(Page 2 of 2)

2" ID Sch. 40 PVC - 2-inch inside diameter, Schedule 40 polyvinyl chloride.

4" ID Sch. 80 PVC - 4-inch inside diameter, Schedule 80 polyvinyl chloride.

amsl - Above mean sea level.

bgs - Below ground surface.

btoc - Below top of casing.

ft - Feet.

ft³ - Cubic feet.

NA - Not available.

- The OB/OD Unit is located within the large impact area known as Unit No. 2 on Pelham Range. The OB/OD areas include Site 2A, Site 2B, and Site 2C. Nine monitoring wells were previously installed by another Army contractor.

3.0 Field Activities

This section describes the well abandonment field activities.

3.1 Unexploded Ordnance Avoidance

Shaw unexploded ordnance (UXO) personnel performed surface sweeps and brush clearing activities at the six sites on Pelham Range prior to well abandonment activities. All 36 wells were located, and no visible signs of damage were noted.

Shaw UXO personnel performed surface sweeps and provided oversight of field personnel to support field activities. The surface sweeps were conducted according to methodology outlined in the sampling and analysis plan to identify anomalies prior to subcontractor mobilization. A Shaw UXO technician monitored all well abandonment operations and coordinated with the range control office located on Main Post. The UXO technician ensured that proper safety guidelines and procedures were met throughout the duration of the field work.

3.2 Well Abandonment Activities

The 36 monitoring wells were abandoned in place according to ADEM guidelines. Well abandonments consisted of filling and isolating the screened interval and cementing the casing with a bentonite-cement grout. The grout was pumped through a tremie pipe inside the well. The goals of monitoring well abandonment were to:

- Prevent vertical migration of fluids within the monitoring well being abandoned
- Prevent intermixing of waters from different water-bearing zones
- Eliminate physical hazards (e.g., open boreholes)
- Preserve aquifer properties.

ADEM guidance states that in-place abandonment is complete when cross contamination cannot occur between various zones and contamination cannot enter from the surface.

A Shaw geologist supervised Miller Drilling Company personnel to ensure that all wells were the correct recorded depth (i.e., no foreign objects or obstructions present). Grout was mixed to appropriate ADEM standards, and sufficient decontaminated tremie pipe was placed to the

bottom of the well. The field geologist completed a well abandonment form for each of the wells. The well abandonment forms are included as Attachment 1.

In-Place Abandonment Procedures. In-place abandonment leaves the well intact and is used when the construction details are known. The ADEM procedures for in-place abandonments are as follows:

- 1) Upon initiation of abandonment activities, the well was checked for obstruction (e.g., dedicated purge pumps, sample pumps, monitoring equipment), and any obstructions were removed from the well.
- 2) Using a weighted tape, the total depth of the well was measured (Table 1).
- 3) The wells were determined to be void of granular material (e.g., sand pack, formation sediment).
- 4) A neat grout mixture was prepared consisting of American Society for Testing and Materials Type II portland cement, water, and bentonite. The organic-free bentonite was added at a ratio of 5 pounds of bentonite per 94-pound bag of cement to produce a grout of 5-percent bentonite by weight. The grout was mixed with 6.5 to 7 gallons of water to create a pumpable slurry. The amount of neat grout needed to abandon each well was determined by calculating the volume of each well and is shown in Table 1. The well volume was calculated using the following formula:

$$V = \frac{\pi D^2 h}{4}$$

Where:

V = Well volume in cubic feet

D = Diameter of well in feet

h = Depth of well, from top of casing, in feet

$\pi = 3.14$

- 5) Decontaminated tremie pipe with a side-discharge tip was assembled and extended to the bottom of the well.
- 6) Once thoroughly mixed, the grout was pumped through the tremie pipe to the bottom of the well. The grout was forced through the well screen, into the filter pack (sand pack), and up the inside of the well casing to seal holes and cracks that were present. The tremie pipe was slowly raised as the well filled with grout.
- 7) The grout was allowed to settle for 2 to 4 hours. A second visit ensured that the well was grouted to ground surface.

- 8) After the second visit, the grout was allowed to cure for a minimum of 24 hours to ensure that it did not settle below ground surface.
- 9) Once the grout hardened, all surface completion materials (i.e., well stickup, protective steel casing, well pad, and protective posts) were removed to approximately 2 feet below ground surface. The 2-foot annulus was then filled with concrete to ground surface and a 2-foot by 2-foot by 1-foot-thick concrete surface pad was placed over the abandoned well. The concrete pad was completed flush with the ground surface.

3.3 Equipment Cleaning

All equipment used in the abandonment process (i.e., tremie pipe, weighted tape, and tools) was thoroughly cleaned using steam and high-pressured hot water from a steam cleaner supplied by Miller Drilling Company. Potable water was obtained at the Shaw compound on Main Post and transported to Pelham Range in clean poly tanks.

3.4 Disposal of Spent Well Materials

Spent well materials (i.e., steel bumper posts, polyvinyl chloride well casings, concrete, steel manhole covers, well locks, etc) and any other solid waste generated during well abandonment activities were placed in a construction debris roll-off container. The roll-off container was then transported to the Tri-Corners Landfill for disposal.

4.0 Summary

Shaw abandoned 36 wells at six Pelham Range sites in accordance with ADEM guidelines. Well abandonment activities began on January 17, 2005 and were completed on January 26, 2005.

The six sites where abandonment activities occurred were:

- Range 23A, Multipurpose Range, Parcel 109(7)
- Old Water Hole, Parcel 205(7)
- Anniston Army Depot, Former Shell Tapping Area, Parcel 208(7)
- Burial Mound at Rideout Field, Parcel 202Q-RD
- Range 4A, Fog Oil Storage Area, Parcel 123(6)
- OB/OD Unit.

All known groundwater monitoring wells at the six sites were abandoned in place. A concrete surface pad was constructed on top of each abandoned well. All spent well materials were removed and properly disposed.


5.0 References

IT Corporation, 2000, *Final Installation-Wide Sampling and Analysis Plan, Fort McClellan, Calhoun County, Alabama.*

ATTACHMENT 1

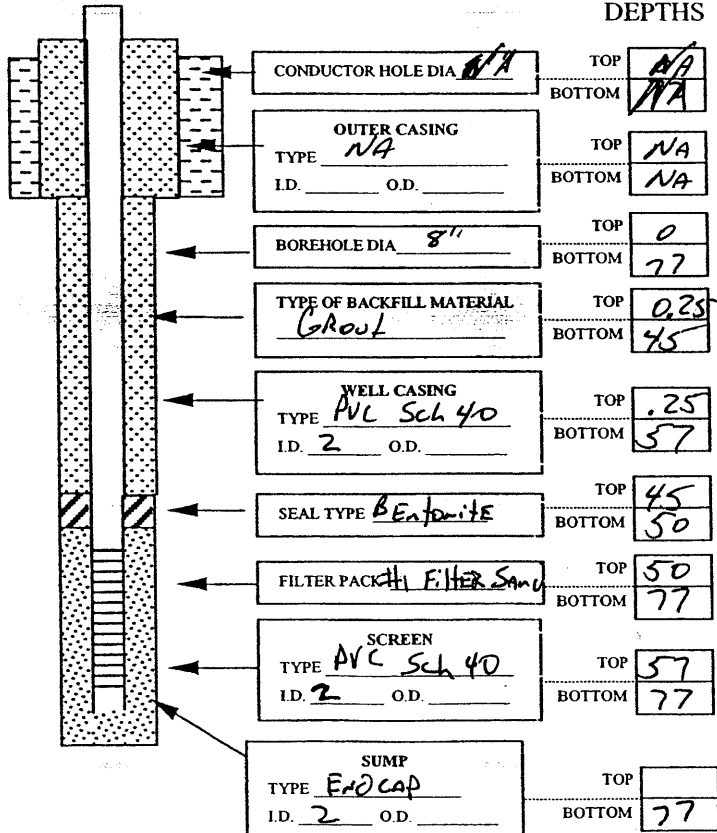
WELL ABANDONMENT FORMS

Figure AC-1

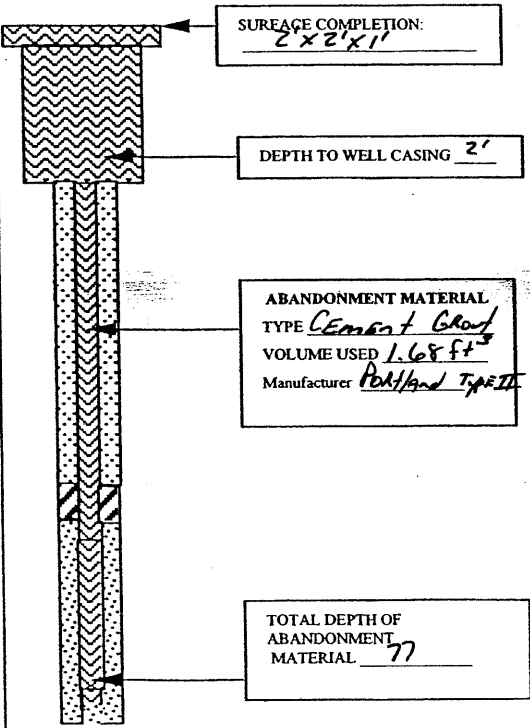
 <p>IT CORPORATION A Member of The IT Group</p>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: PR-123-mw01	
Client: USACE Mobile District		Well Coordinates:	
Project No. 774645		N 1178352.862 E 617718.118	
Start Date: 1/29/05	Date Completed: 1/20/05	Prepared By: Kyle Wilson	Reference Point for Measurements: Ground Surface
Well Type: (circle one) Residuum		NOTES:	
Bedrock _____ Temporary _____			
Other _____			

BEFORE ABANDONMENT	AFTER ABANDONMENT:			
WELL CONSTRUCTION SUMMARY	NO YES N/A			
Well No. PR-123-mw01	Concrete Pad Removed <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td style="text-align: center;">✓</td><td></td></tr></table>		✓	
	✓			
Well Location/ Parcel: For Oil Storage	Protective Posts Removed <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td><td style="text-align: center;">✓</td></tr></table>			✓
		✓		
Total Depth (feet): 77' TOC	Outer Casing Removed <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td><td style="text-align: center;">✓</td></tr></table>			✓
		✓		
Drilled By: Miller Drilling Co.	Flush Mount Removed <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td style="text-align: center;">✓</td><td></td></tr></table>		✓	
	✓			
Date Completed: May 2001	Disposition of Well Materials: _____			
Ground Elevation: 628.51 TOC Elevation: 628.26				

DOWNHOLE DEPTHS



CONDUCTOR HOLE DIA 11"	TOP NA	BOTTOM NA
OUTER CASING TYPE NA	TOP NA	BOTTOM NA
BOREHOLE DIA 8"	TOP 0	BOTTOM 77
TYPE OF BACKFILL MATERIAL GROUT	TOP 0.25	BOTTOM 45
WELL CASING TYPE PVC Sch 40	TOP .25	BOTTOM 57
SEAL TYPE Bentonite	TOP 45	BOTTOM 50
FILTER PACK Filter Sand	TOP 50	BOTTOM 77
SCREEN TYPE PVC Sch 40	TOP 57	BOTTOM 77
SUMP TYPE End Cap	TOP	BOTTOM 77




SURFACE COMPLETION:
 2' x 2' x 1'

DEPTH TO WELL CASING 2'

ABANDONMENT MATERIAL
 TYPE Cement Grout
 VOLUME USED 1.68 ft³
 Manufacturer Portland Type III

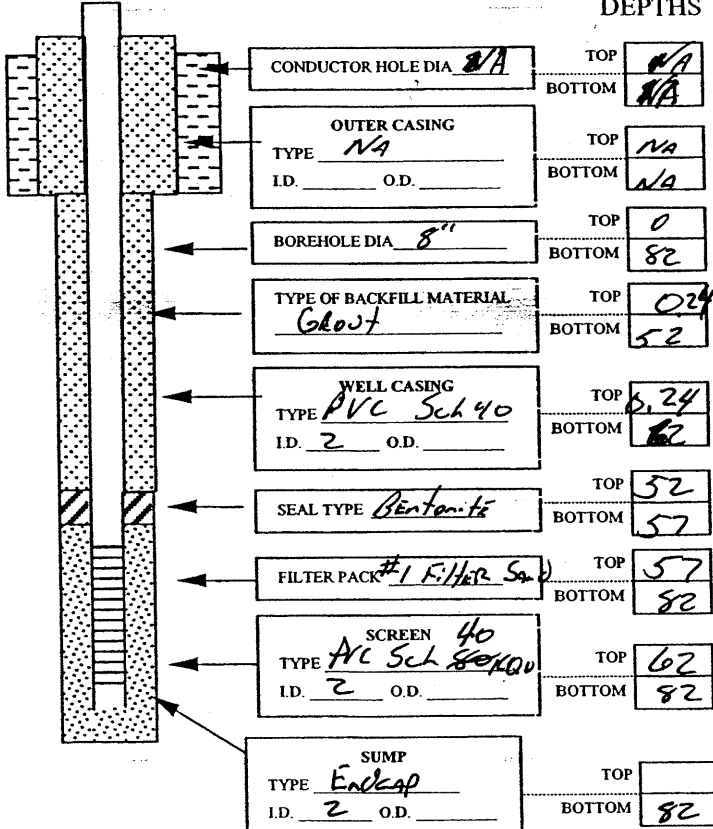
TOTAL DEPTH OF ABANDONMENT MATERIAL 77

Figure AC-1

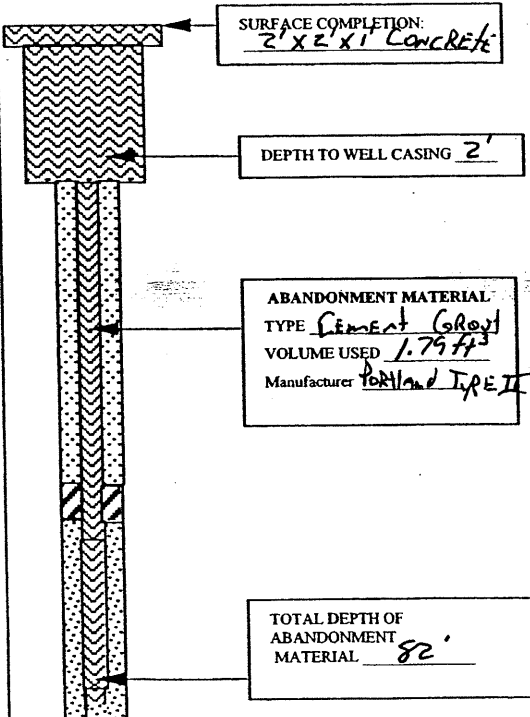
 <p>IT CORPORATION A Member of The IT Group</p>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: PR-123-MW02	
Client: USACE Mobile District		Well Coordinates:	
Project No. 774645-		N 1178203.603 E 617643.706	
Start Date: 11/19/05	Date Completed: 11/20/05	Prepared By: Kyle Wilson	Reference Point for Measurements: Ground Surface
Well Type: (circle one) <u>Residuum</u>		NOTES:	
Bedrock _____ Temporary _____			
Other _____			

BEFORE ABANDONMENT	AFTER ABANDONMENT:
WELL CONSTRUCTION SUMMARY	NO YES N/A
Well No. PR-123-MW02	Concrete Pad Removed <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Well Location/ Parcel: For Oil Storage	Protective Posts Removed <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Total Depth (feet): 82' TOC	Outer Casing Removed <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Drilled By: Miller Drilling Co	Flush Mount Removed <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Date Completed: May 2001	Disposition of Well Materials: _____
Ground Elevation: 628.25	
TOC Elevation: 628.01	

DOWNHOLE DEPTHS



CONDUCTOR HOLE DIA 8A	TOP NA	BOTTOM NA
OUTER CASING TYPE NA	TOP NA	BOTTOM NA
BOREHOLE DIA 8"	TOP 0	BOTTOM 82
TYPE OF BACKFILL MATERIAL Grout	TOP 0.24	BOTTOM 52
WELL CASING TYPE PVC Sch 40	TOP 6.24	BOTTOM 82
SEAL TYPE Bentonite	TOP 52	BOTTOM 57
FILTER PACK #1 Filler Sand	TOP 57	BOTTOM 82
SCREEN TYPE PVC Sch 40	TOP 62	BOTTOM 82
SUMP TYPE Endcap	TOP	BOTTOM 82




SURFACE COMPLETION:
2' x 2' x 1' Concrete

DEPTH TO WELL CASING 2'

ABANDONMENT MATERIAL:
 TYPE Cement Grout
 VOLUME USED 1.79 ft³
 Manufacturer Portland Type II

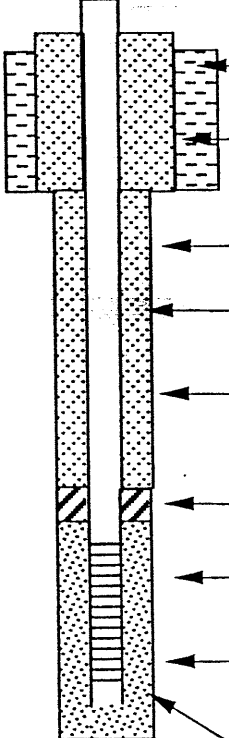
TOTAL DEPTH OF ABANDONMENT MATERIAL 82'

Figure AC-1

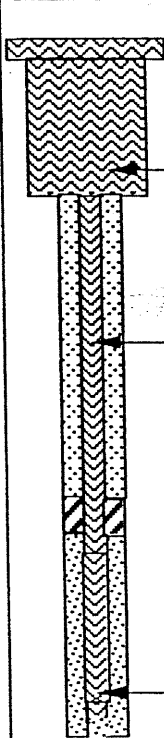
 <p>IT CORPORATION A Member of The IT Group</p>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: PR-123-MW03	
Client: USACE Mobile District		Well Coordinates: N 1178390.707 E 617717.738	
Project No. 774645		Prepared By: Kyle Wilson	
Start Date: 11/19/05	Date Completed: 11/20/05	Reference Point for Measurements: Ground Surface	
Well Type: (circle one) <u>Residuum</u>		NOTES:	
Bedrock <input type="checkbox"/> Temporary <input type="checkbox"/>			
Other _____			

BEFORE ABANDONMENT	AFTER ABANDONMENT:
WELL CONSTRUCTION SUMMARY	NO YES N/A
Well No. PR-123-MW03	Concrete Pad Removed <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Well Location/ Parcel: Fug O.I Storage	Protective Posts Removed <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Total Depth (feet): 76.4' TOC	Outer Casing Removed <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Drilled By: Miller Drilling Co.	Flush Mount Removed <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Date Completed: May 2001	Disposition of Well Materials: _____
Ground Elevation: 627.54	
TOC Elevation: 627.35	

DOWNHOLE DEPTHS



CONDUCTOR HOLE DIA. NA	TOP NA	BOTTOM NA
OUTER CASING TYPE NA	TOP NA	BOTTOM NA
BOREHOLE DIA. 8"	TOP 0	BOTTOM 76.4
TYPE OF BACKFILL MATERIAL Cement Grout	TOP 0.19	BOTTOM 56.4
WELL CASING TYPE PVC Sch 40	TOP 0.19	BOTTOM 56.4
SEAL TYPE Bentonite	TOP 46.4	BOTTOM 51.4
FILTER PACK #1 Filter Sand	TOP 51.4	BOTTOM 76.4
SCREEN TYPE PVC Sch 40	TOP 56.4	BOTTOM 76.4
SUMP TYPE Endcap	TOP 76.4	BOTTOM 76.4



SURFACE COMPLETION:

2' X 2' X 1' Concrete

DEPTH TO WELL CASING 2'

ABANDONMENT MATERIAL


TYPE Cement Grout

VOLUME USED 1.67 ft³

Manufacturer Portland Type II

TOTAL DEPTH OF ABANDONMENT MATERIAL 76.4'

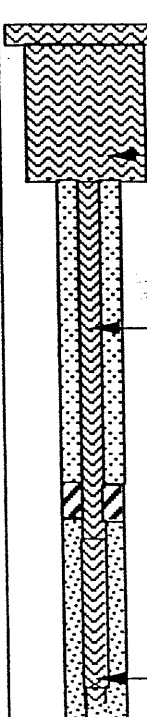
Figure AC-1

 ITT CORPORATION <small>A Member of The IT Group</small>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: PR-123-mw04	
Client: USACE Mobile District		Well Coordinates: N 1178243.992 E 617711.315	
Project No. 774645		Prepared By: Kyle Wilson	
Start Date: 1/19/05	Date Completed: 1/20/05	Reference Point for Measurements: Ground Surface	
Well Type: (circle one) Residuum		NOTES:	
Bedrock <input type="checkbox"/> Temporary <input type="checkbox"/>			
Other _____			

BEFORE ABANDONMENT		AFTER ABANDONMENT:																					
WELL CONSTRUCTION SUMMARY																							
Well No. PR-123-mw04	Well Location/ Parcel: Fog Oil Storage	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td>Concrete Pad Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Protective Posts Removed</td> <td></td> <td></td> <td style="text-align: center;">✓</td> </tr> <tr> <td>Outer Casing Removed</td> <td></td> <td></td> <td style="text-align: center;">✓</td> </tr> <tr> <td>Flush Mount Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> </table>			NO	YES	N/A	Concrete Pad Removed		✓		Protective Posts Removed			✓	Outer Casing Removed			✓	Flush Mount Removed		✓	
	NO	YES	N/A																				
Concrete Pad Removed		✓																					
Protective Posts Removed			✓																				
Outer Casing Removed			✓																				
Flush Mount Removed		✓																					
Total Depth (feet): 77.3 TOC	Drilled By: Miller Drilling Co	Disposition of Well Materials: _____																					
Date Completed: May 2001	Ground Elevation: 625.10 TOC Elevation: 624.73																						

DOWNHOLE DEPTHS

CONDUCTOR HOLE DIA NA	TOP	NA
	BOTTOM	NA
OUTER CASING TYPE NA I.D. _____ O.D. _____	TOP	NA
	BOTTOM	NA
BOREHOLE DIA 8"	TOP	0
	BOTTOM	77.3
TYPE OF BACKFILL MATERIAL Grout	TOP	6.37
	BOTTOM	47.3
WELL CASING TYPE PVC Sch 40 I.D. 2 O.D. _____	TOP	6.37
	BOTTOM	57.3
SEAL TYPE Bentonite	TOP	47.3
	BOTTOM	52.3
FILTER PACK #1 Filter Sand	TOP	52.3
	BOTTOM	77.3
SCREEN TYPE PVC Sch 40 I.D. 2 O.D. _____	TOP	57.3
	BOTTOM	77.3
SUMP TYPE Endcap I.D. 2 O.D. _____	TOP	77.3
	BOTTOM	77.3




SURFACE COMPLETION:
2' x 2' x 1' Concrete

DEPTH TO WELL CASING **2'**

ABANDONMENT MATERIAL
TYPE **Cement Grout**
VOLUME USED **1.65 ft³**
Manufacturer **Portland Type II**

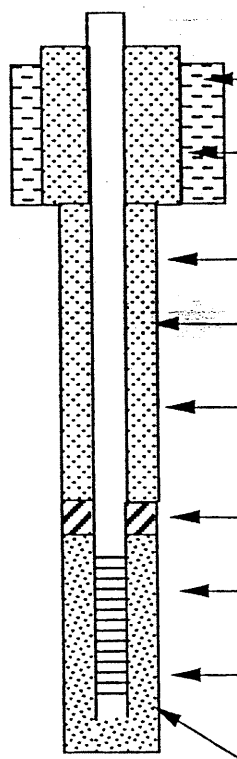
TOTAL DEPTH OF ABANDONMENT MATERIAL **77.3**

Figure AC-1

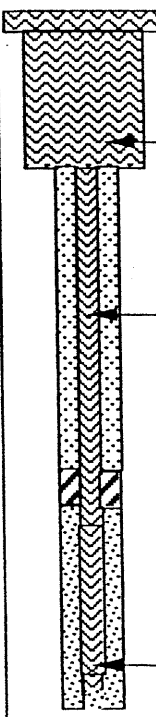
 IT CORPORATION <small>A Member of The IT Group</small>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: PR-123-MNOS	
Client: USACE Mobile District		Well Coordinates:	
Project No. 774645		N 1178325.097 E 617621.08	
Start Date: 11/19/05	Date Completed: 1/20/05	Prepared By: Kyle Wilson	Reference Point for Measurements: Ground Surface
Well Type: (circle one) Residuum		NOTES:	
Bedrock <input type="checkbox"/> Temporary <input type="checkbox"/>			
Other _____			

BEFORE ABANDONMENT	AFTER ABANDONMENT:
WELL CONSTRUCTION SUMMARY	NO YES N/A
Well No. PR-123-MNOS	Concrete Pad Removed <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Well Location/ Parcel: Fog 0.1 Storage	Protective Posts Removed <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Total Depth (feet): 75.3 TOC	Outer Casing Removed <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Drilled By: Miller Drilling Co.	Flush Mount Removed <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Date Completed: May 2001	Disposition of Well Materials: _____
Ground Elevation: 630.29	
TOC Elevation: 630.06	

DOWNHOLE DEPTHS



CONDUCTOR HOLE DIA NA	TOP NA	BOTTOM NA
OUTER CASING TYPE NA	TOP NA	BOTTOM NA
BOREHOLE DIA 8"	TOP 0	BOTTOM 75.3
TYPE OF BACKFILL MATERIAL GROUT	TOP 0.23	BOTTOM 45.3
WELL CASING TYPE PVC SCH 40	TOP 0.23	BOTTOM 55.3
SEAL TYPE Bentonite	TOP 45.3	BOTTOM 50.3
FILTER PACK #1 Filter Sand	TOP 50.3	BOTTOM 75.3
SCREEN TYPE PVC SCH 40	TOP 55.3	BOTTOM 75.3
SUMP TYPE ENDCAP	TOP 75.3	BOTTOM 75.3




SURFACE COMPLETION:
2' x 2' x 1' Concrete

DEPTH TO WELL CASING **2'**

ABANDONMENT MATERIAL
 TYPE **Cement Grout**
 VOLUME USED **1.64 ft³**
 Manufacturer **Portland 7, p. 11**

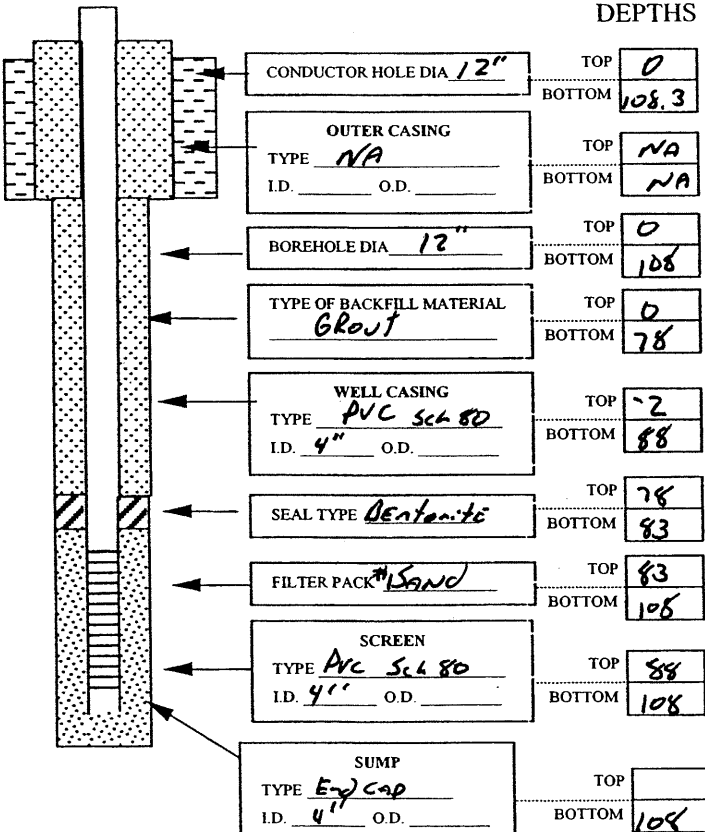
TOTAL DEPTH OF ABANDONMENT MATERIAL **75.3**

Figure AC-1

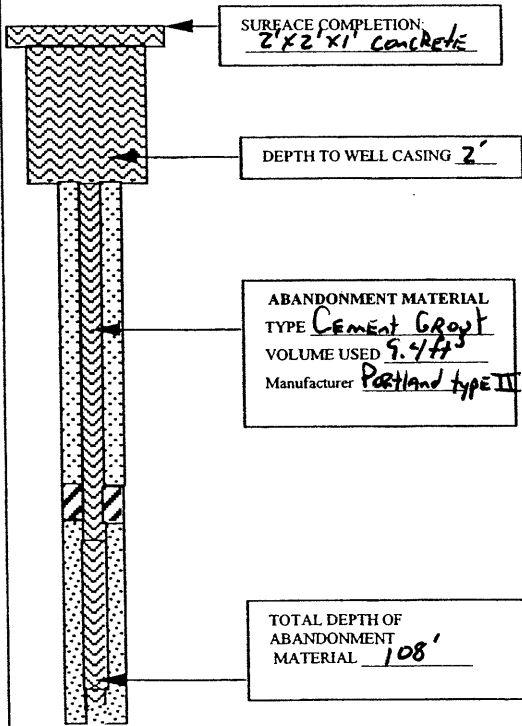
 IT CORPORATION A Member of The IT Group		Well Abandonment Form	
Project: FTMC South Atlantic Division TERC		Well Number: OWH-205-mwd1	
Client: USACE Mobile District		Well Coordinates: N 1179697.03 E 628482.96	
Project No. 774645		Prepared By: Kyle Wilson	
Start Date: 11/17/05	Date Completed: 11/25/05	Reference Point for Measurements: Ground Surface	
Well Type: (circle one) <u>Residuum</u>		NOTES:	
Bedrock <input type="checkbox"/> Temporary <input type="checkbox"/>			
Other _____			

BEFORE ABANDONMENT	AFTER ABANDONMENT:
WELL CONSTRUCTION SUMMARY	NO YES N/A
Well No. OWH-205-mwd1	Concrete Pad Removed <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Well Location/ Parcel: OLD WATER HOLE	Protective Posts Removed <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Total Depth (feet): 108.3 TOC	Outer Casing Removed <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Drilled By: KONA SAIC	Flush Mount Removed <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Date Completed: 11/25/05	Disposition of Well Materials: _____
Ground Elevation: 657.73 TOC Elevation: 659.73	

DOWNHOLE DEPTHS



CONDUCTOR HOLE DIA 12"	TOP 0	BOTTOM 108.3
OUTER CASING TYPE NA	TOP NA	BOTTOM NA
BOREHOLE DIA 12"	TOP 0	BOTTOM 108
TYPE OF BACKFILL MATERIAL Grout	TOP 0	BOTTOM 78
WELL CASING TYPE PVC SCH 80	TOP 72	BOTTOM 88
SEAL TYPE Dentonite	TOP 78	BOTTOM 83
FILTER PACK SAND	TOP 83	BOTTOM 108
SCREEN TYPE Arc SCH 80	TOP 88	BOTTOM 108
SUMP TYPE E-7 CAP	TOP	BOTTOM 108



SURFACE COMPLETION: 2'x2'x1' concrete

DEPTH TO WELL CASING 2'

ABANDONMENT MATERIAL TYPE Cement Grout
VOLUME USED 9.4 ft³
Manufacturer Portland type II

TOTAL DEPTH OF ABANDONMENT MATERIAL 108'

Figure AC-1


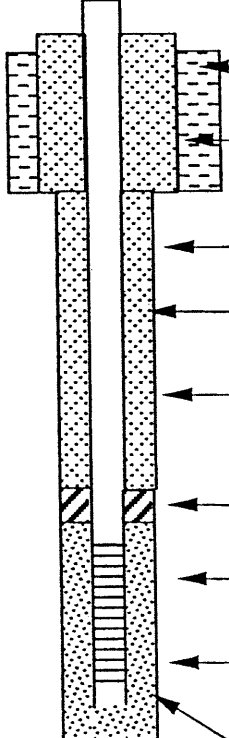
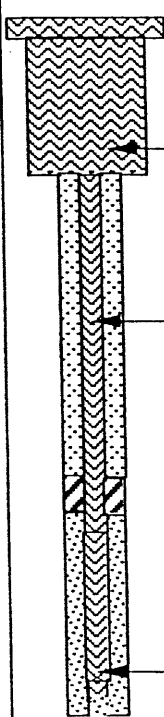
 IT CORPORATION A Member of The IT Group		Well Abandonment Form																					
Project: FTMC South Atlantic Division TERC		Well Number: <u>OWH-205-mw02</u>																					
Client: USACE Mobile District		Well Coordinates:																					
Project No. <u>774645</u>		N <u>1179338.23</u> E <u>628254.2</u>																					
Start Date: <u>11/17/05</u>	Date Completed: <u>11/26/05</u>	Prepared By: <u>Kyle Wilson</u>	Reference Point for Measurements: <u>Ground Surface</u>																				
Well Type: (circle one) <u>Residuum</u>		NOTES:																					
Bedrock <input type="checkbox"/> Temporary <input type="checkbox"/>																							
Other _____																							
BEFORE ABANDONMENT		AFTER ABANDONMENT:																					
WELL CONSTRUCTION SUMMARY																							
Well No. <u>OWH-205-mw02</u>	Well Location/ Parcel: <u>OLD WATER HOLE</u>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>Concrete Pad Removed</td> <td></td> <td><input checked="" type="checkbox"/></td> <td></td> </tr> <tr> <td>Protective Posts Removed</td> <td></td> <td><input checked="" type="checkbox"/></td> <td></td> </tr> <tr> <td>Outer Casing Removed</td> <td></td> <td><input checked="" type="checkbox"/></td> <td></td> </tr> <tr> <td>Flush Mount Removed</td> <td></td> <td></td> <td><input checked="" type="checkbox"/></td> </tr> </tbody> </table>			NO	YES	N/A	Concrete Pad Removed		<input checked="" type="checkbox"/>		Protective Posts Removed		<input checked="" type="checkbox"/>		Outer Casing Removed		<input checked="" type="checkbox"/>		Flush Mount Removed			<input checked="" type="checkbox"/>
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Protective Posts Removed		<input checked="" type="checkbox"/>																					
Outer Casing Removed		<input checked="" type="checkbox"/>																					
Flush Mount Removed			<input checked="" type="checkbox"/>																				
Total Depth (feet): <u>105 TOC</u>	Drilled By: <u>KOH NA SAIC</u>	Disposition of Well Materials: _____																					
Date Completed: <u>1995</u> <u>11/26/05 KOH</u>	Ground Elevation: <u>660.11</u> TOC Elevation: <u>661.85</u>																						
DOWNHOLE DEPTHS																							
 <table border="1" style="display: inline-table; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CONDUCTOR HOLE DIA <u>12"</u></th> <th>TOP</th> <th>BOTTOM</th> </tr> </thead> <tbody> <tr> <td></td> <td><u>0</u></td> <td><u>105</u></td> </tr> </tbody> </table>		CONDUCTOR HOLE DIA <u>12"</u>	TOP	BOTTOM		<u>0</u>	<u>105</u>	 <table border="1" style="display: inline-table; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2">SURFACE COMPLETION:</th> </tr> </thead> <tbody> <tr> <td colspan="2"><u>2' X 2' X 1' Concrete Pad</u></td> </tr> </tbody> </table>		SURFACE COMPLETION:		<u>2' X 2' X 1' Concrete Pad</u>											
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SUMP	TOP	BOTTOM																					
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I.D. <u>4"</u> O.D. _____		<u>105</u>																					
TOTAL DEPTH OF ABANDONMENT MATERIAL <u>105</u>																							

Figure AC-1


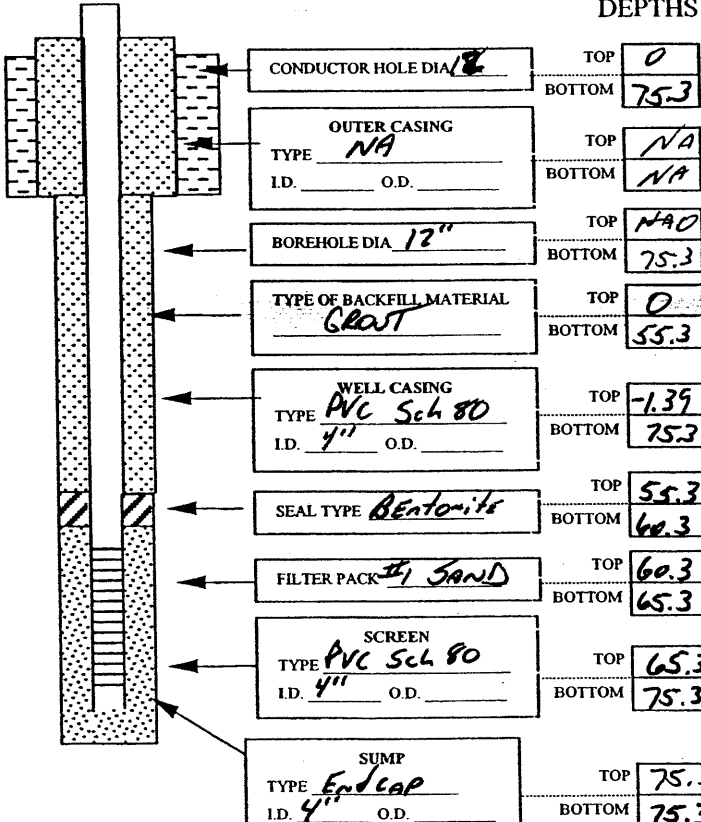
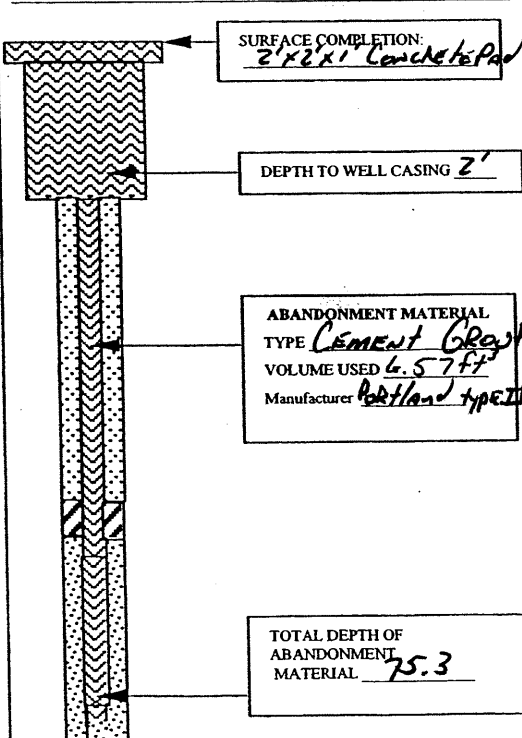

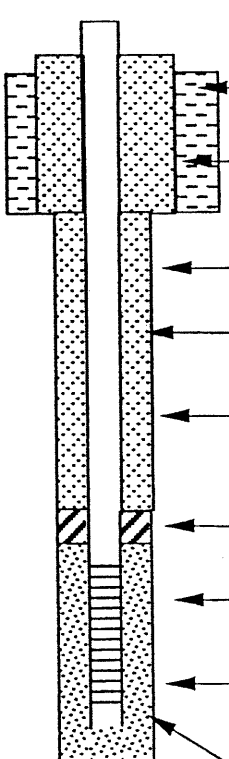
 IT CORPORATION A Member of The IT Group		Well Abandonment Form	
Project: FTMC South Atlantic Division TERC		Well Number: OWH-205-MW03	
Client: USACE Mobile District		Well Coordinates: N 1179204.35 E 628611.38	
Project No. 774645		Prepared By: Kyle Wilson	
Start Date: 1/17/05	Date Completed: 1/26/05	Reference Point for Measurements: Ground Surface	
Well Type: (circle one) <u>Residuum</u>		NOTES:	
Bedrock _____ Temporary _____			
Other _____			
BEFORE ABANDONMENT		AFTER ABANDONMENT:	
WELL CONSTRUCTION SUMMARY		NO YES N/A	
Well No. OWH-205-MW03	Well Location/ Parcel: OLD WATER HOLE	Concrete Pad Removed	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Total Depth (feet): 75.3' TOC	Drilled By: KAY SAIC	Protective Posts Removed	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Date Completed: KAY 1995	Ground Elevation: 654.53	Outer Casing Removed	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
	TOC Elevation: 655.92	Flush Mount Removed	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
DOWNHOLE DEPTHS		Disposition of Well Materials: _____	
			
CONDUCTOR HOLE DIA <u>12"</u> TOP <u>0</u> BOTTOM <u>75.3</u> OUTER CASING TYPE <u>NA</u> TOP <u>NA</u> BOTTOM <u>NA</u> BOREHOLE DIA <u>12"</u> TOP <u>NA</u> BOTTOM <u>75.3</u> TYPE OF BACKFILL MATERIAL <u>GRAST</u> TOP <u>0</u> BOTTOM <u>55.3</u> WELL CASING TYPE <u>PVC Sch 80</u> TOP <u>-1.39</u> BOTTOM <u>75.3</u> ID. <u>4"</u> O.D. _____ SEAL TYPE <u>Bentonite</u> TOP <u>55.3</u> BOTTOM <u>60.3</u> FILTER PACK <u>#1 SAND</u> TOP <u>60.3</u> BOTTOM <u>65.3</u> SCREEN TYPE <u>PVC Sch 80</u> TOP <u>65.3</u> BOTTOM <u>75.3</u> ID. <u>4"</u> O.D. _____ SUMP TYPE <u>End Cap</u> TOP <u>75.3</u> BOTTOM <u>75.3</u> ID. <u>4"</u> O.D. _____		SURFACE COMPLETION: <u>2'x2'x1' Concrete Pad</u> DEPTH TO WELL CASING <u>2'</u> ABANDONMENT MATERIAL TYPE <u>Cement Grout</u> VOLUME USED <u>6.57 ft³</u> Manufacturer <u>Portland type II</u> TOTAL DEPTH OF ABANDONMENT MATERIAL <u>75.3</u>	

Figure AC-1

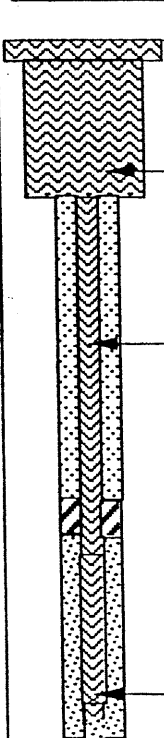
 IT CORPORATION <small>A Member of The IT Group</small>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: OWH-205-MW04	
Client: USACE Mobile District		Well Coordinates:	
Project No. 774645		N 1179480.36 E 628485.85	
Start Date: 11/17/05	Date Completed: 11/25/05	Prepared By: Kyle Wilson	Reference Point for Measurements: Ground Surface
Well Type: (circle one) Residuum		NOTES:	
Bedrock <input type="checkbox"/> Temporary <input type="checkbox"/>			
Other _____			

BEFORE ABANDONMENT		AFTER ABANDONMENT:	
WELL CONSTRUCTION SUMMARY			
Well No. OWH-205-MW04	Well Location/ Parcel: 200 Water Hole	Concrete Pad Removed	NO YES N/A <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Total Depth (feet): 100.3 TOC	Drilled By: SAIC	Protective Posts Removed	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Date Completed: 1995	Ground Elevation: 654.56	Outer Casing Removed	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
	TOC Elevation: 656.20	Flush Mount Removed	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		Disposition of Well Materials: _____	

DOWNHOLE DEPTHS



CONDUCTOR HOLE DIA 12"	TOP 0	BOTTOM 100.3
OUTER CASING TYPE NA	TOP NA	BOTTOM NA
BOREHOLE DIA 12"	TOP 0	BOTTOM 100.3
TYPE OF BACKFILL MATERIAL GROUT	TOP 0	BOTTOM 80.3
WELL CASING TYPE PVC SCH 80	TOP 7.64	BOTTOM 90.3
SEAL TYPE Bentonite	TOP 80.3	BOTTOM 85.3
FILTER PACK #1 SAND	TOP 85.3	BOTTOM 100.3
SCREEN TYPE PVC SCH 80	TOP 90.3	BOTTOM 100.3
SUMP TYPE ENDCAP	TOP 100.3	BOTTOM 100.3




SURFACE COMPLETION:
2' X 2' X 1' CONCRETE

DEPTH TO WELL CASING **2'**

ABANDONMENT MATERIAL
 TYPE **CEMENT GROUT**
 VOLUME USED **8.75 FT³**
 Manufacturer **Portland Type II**

TOTAL DEPTH OF ABANDONMENT MATERIAL **100.3'**

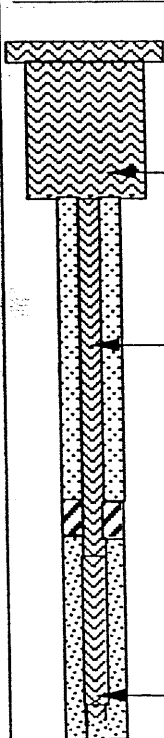
Figure AC-1

 <p>IT CORPORATION A Member of The IT Group</p>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: OWH-205-MN05	
Client: USACE Mobile District		Well Coordinates: <div style="display: flex; justify-content: space-between;"> N 1179566.59 E 628603.48 </div>	
Project No. 774645		Prepared By: Kyle Wilson	
Start Date: 1/17/05	Date Completed: 125/05	Reference Point for Measurements: Ground Surface	
Well Type: (circle one) Residuum		NOTES:	
Bedrock Temporary			
Other _____			

BEFORE ABANDONMENT	AFTER ABANDONMENT:
WELL CONSTRUCTION SUMMARY	NO YES N/A
Well No. OWH-205-MN05	Concrete Pad Removed <input checked="" type="checkbox"/>
Well Location/ Parcel: OLD WATER HOLE	Protective Posts Removed <input checked="" type="checkbox"/>
Total Depth (feet): 94.9' TOC	Outer Casing Removed <input checked="" type="checkbox"/>
Drilled By: AAA SAIC	Flush Mount Removed <input checked="" type="checkbox"/>
Date Completed: 12/19/95	Disposition of Well Materials: _____
Ground Elevation: 661.97	
TOC Elevation: 663.34	

DOWNHOLE DEPTHS

CONDUCTOR HOLE DIA 12"	TOP	NA
	BOTTOM	94.9
OUTER CASING TYPE NA I.D. _____ O.D. _____	TOP	NA
	BOTTOM	NA
BOREHOLE DIA 12"	TOP	0
	BOTTOM	94.9
TYPE OF BACKFILL MATERIAL Grout	TOP	0
	BOTTOM	74.9
WELL CASING TYPE Sch 80 PVC I.D. 4" O.D. _____	TOP	-7.37
	BOTTOM	84.9
SEAL TYPE Bentonite	TOP	74.9
	BOTTOM	79.9
FILTER PACK #1 Sand	TOP	79.9
	BOTTOM	94.9
SCREEN TYPE PVC Sch 80 I.D. 4" O.D. _____	TOP	84.9
	BOTTOM	94.9
SUMP TYPE Exp Cap I.D. 4" O.D. _____	TOP	94.9
	BOTTOM	94.9



SURFACE COMPLETION: **2' x 2' x 1'**

DEPTH TO WELL CASING **2'**

ABANDONMENT MATERIAL
 TYPE **Cement Grout**
 VOLUME USED **8.28 ft³**
 Manufacturer **PerHand Type II**

TOTAL DEPTH OF ABANDONMENT MATERIAL **94.9'**

Figure AC-1


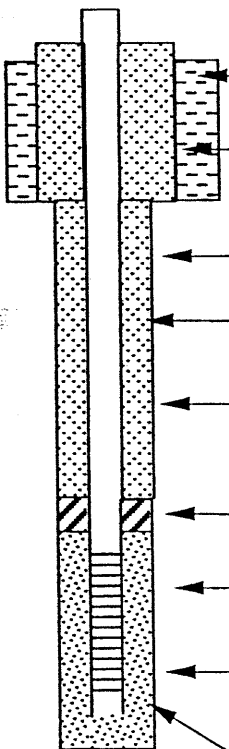
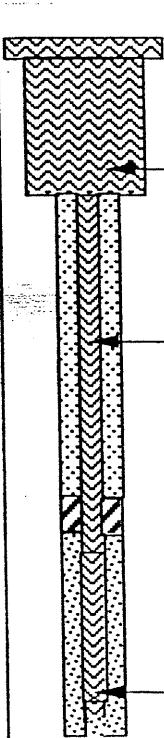
 IT CORPORATION A Member of The IT Group		Well Abandonment Form																																							
Project: FTMC South Atlantic Division TERC		Well Number: <u>OWH-205-MW06</u>																																							
Client: USACE Mobile District		Well Coordinates:																																							
Project No. <u>774645</u>		N <u>1179698.92</u> E <u>628463.93</u>																																							
Start Date: <u>11/7/05</u>	Date Completed: <u>1/25/05</u>	Prepared By: <u>Kyle Wilson</u>	Reference Point for Measurements: <u>Ground Surface</u>																																						
Well Type: (circle one) Residuum		NOTES:																																							
<input checked="" type="radio"/> <u>Bedrock</u> Temporary																																									
Other _____																																									
BEFORE ABANDONMENT		AFTER ABANDONMENT:																																							
WELL CONSTRUCTION SUMMARY																																									
Well No. <u>OWH-205-MW06</u>	Well Location/ Parcel: <u>OLD WATER HOLE</u>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>Concrete Pad Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Protective Posts Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Outer Casing Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Flush Mount Removed</td> <td></td> <td></td> <td style="text-align: center;">✓</td> </tr> </tbody> </table>			NO	YES	N/A	Concrete Pad Removed		✓		Protective Posts Removed		✓		Outer Casing Removed		✓		Flush Mount Removed			✓																		
	NO	YES	N/A																																						
Concrete Pad Removed		✓																																							
Protective Posts Removed		✓																																							
Outer Casing Removed		✓																																							
Flush Mount Removed			✓																																						
Total Depth (feet): <u>152' TOC</u>	Drilled By: <u>MILLER DR. 11/05</u>																																								
Date Completed: <u>9/24/02</u>	Ground Elevation: <u>657.08</u>	Disposition of Well Materials: _____																																							
	TOC Elevation: <u>659.12</u>																																								
DOWNHOLE DEPTHS																																									
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>CONDUCTOR HOLE DIA <u>12 1/8"</u></td> <td>TOP <u>0</u></td> </tr> <tr> <td></td> <td>BOTTOM <u>107</u></td> </tr> <tr> <td>OUTER CASING TYPE <u>8" Carbon Steel</u></td> <td>TOP <u>0</u></td> </tr> <tr> <td>I.D. <u>8"</u> O.D. _____</td> <td>BOTTOM <u>107</u></td> </tr> <tr> <td>BOREHOLE DIA <u>8 7/8"</u></td> <td>TOP <u>107</u></td> </tr> <tr> <td></td> <td>BOTTOM <u>152</u></td> </tr> <tr> <td>TYPE OF BACKFILL MATERIAL <u>GROUT</u></td> <td>TOP <u>0</u></td> </tr> <tr> <td></td> <td>BOTTOM <u>100</u></td> </tr> <tr> <td>WELL CASING TYPE <u>PVC Sch 80</u></td> <td>TOP <u>-204</u></td> </tr> <tr> <td>I.D. <u>4"</u> O.D. _____</td> <td>BOTTOM <u>132</u></td> </tr> <tr> <td>SEAL TYPE <u>Bentonite</u></td> <td>TOP <u>100</u></td> </tr> <tr> <td></td> <td>BOTTOM <u>125</u></td> </tr> <tr> <td>FILTER PACK <u>#1 FILTER SAND</u></td> <td>TOP <u>125</u></td> </tr> <tr> <td></td> <td>BOTTOM <u>152</u></td> </tr> <tr> <td>SCREEN TYPE <u>Sch 80 PVC</u></td> <td>TOP <u>132</u></td> </tr> <tr> <td>I.D. <u>4"</u> O.D. _____</td> <td>BOTTOM <u>152</u></td> </tr> <tr> <td>SUMP TYPE <u>End cap</u></td> <td>TOP <u>152</u></td> </tr> <tr> <td>I.D. <u>4"</u> O.D. _____</td> <td>BOTTOM <u>152</u></td> </tr> </table>		CONDUCTOR HOLE DIA <u>12 1/8"</u>	TOP <u>0</u>		BOTTOM <u>107</u>	OUTER CASING TYPE <u>8" Carbon Steel</u>	TOP <u>0</u>	I.D. <u>8"</u> O.D. _____	BOTTOM <u>107</u>	BOREHOLE DIA <u>8 7/8"</u>	TOP <u>107</u>		BOTTOM <u>152</u>	TYPE OF BACKFILL MATERIAL <u>GROUT</u>	TOP <u>0</u>		BOTTOM <u>100</u>	WELL CASING TYPE <u>PVC Sch 80</u>	TOP <u>-204</u>	I.D. <u>4"</u> O.D. _____	BOTTOM <u>132</u>	SEAL TYPE <u>Bentonite</u>	TOP <u>100</u>		BOTTOM <u>125</u>	FILTER PACK <u>#1 FILTER SAND</u>	TOP <u>125</u>		BOTTOM <u>152</u>	SCREEN TYPE <u>Sch 80 PVC</u>	TOP <u>132</u>	I.D. <u>4"</u> O.D. _____	BOTTOM <u>152</u>	SUMP TYPE <u>End cap</u>	TOP <u>152</u>	I.D. <u>4"</u> O.D. _____	BOTTOM <u>152</u>		
		CONDUCTOR HOLE DIA <u>12 1/8"</u>	TOP <u>0</u>																																						
			BOTTOM <u>107</u>																																						
		OUTER CASING TYPE <u>8" Carbon Steel</u>	TOP <u>0</u>																																						
		I.D. <u>8"</u> O.D. _____	BOTTOM <u>107</u>																																						
		BOREHOLE DIA <u>8 7/8"</u>	TOP <u>107</u>																																						
			BOTTOM <u>152</u>																																						
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I.D. <u>4"</u> O.D. _____	BOTTOM <u>152</u>																																								
		SURFACE COMPLETION: <u>2' X 2' X 1' CONCRETE</u>																																							
		DEPTH TO WELL CASING <u>2'</u>																																							
		ABANDONMENT MATERIAL TYPE <u>Cement Grout</u> VOLUME USED <u>13.26 ft³</u> Manufacturer <u>Portland Type II</u>																																							
		TOTAL DEPTH OF ABANDONMENT MATERIAL <u>152' TOC</u>																																							

Figure AC-1


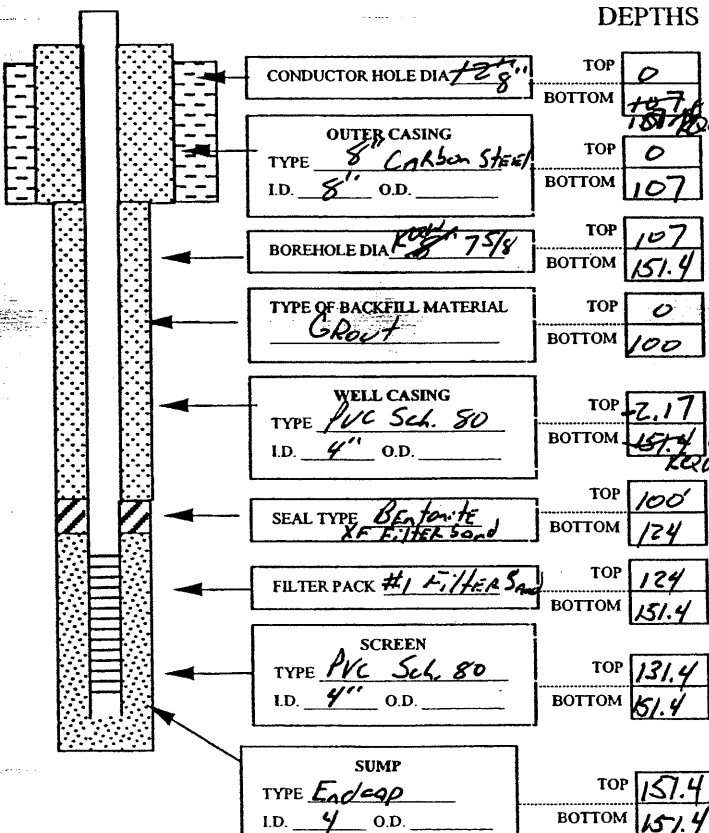
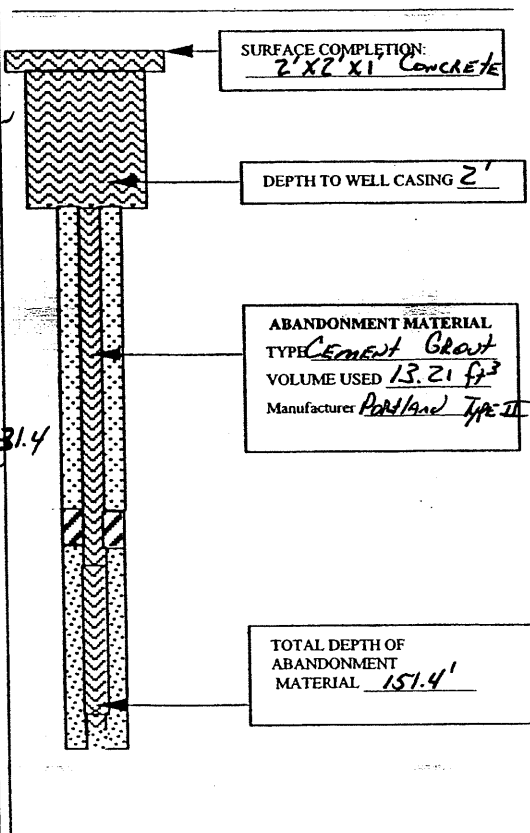

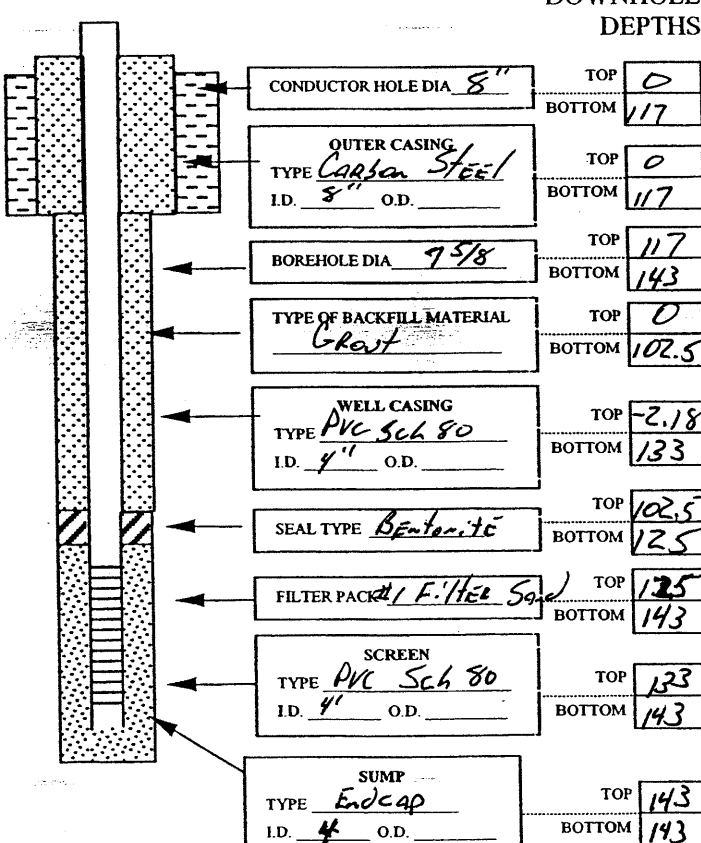
 IT CORPORATION <small>A Member of The IT Group</small>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: CWH-205-mw07	
Client: USACE Mobile District		Well Coordinates: N 1179552.55 E 628614.47	
Project No. 774645		Prepared By: Kyle Wilson	
Start Date: 11/17/05	Date Completed: 1/25/05	Reference Point for Measurements: Ground Surface	
Well Type: (circle one) Residuum <input checked="" type="radio"/> Bedrock Temporary Other _____		NOTES: 8" CARBON STEEL CASING WAS installed using ODEX drilling techniques.	
BEFORE ABANDONMENT		AFTER ABANDONMENT:	
WELL CONSTRUCTION SUMMARY		NO YES N/A	
Well No. CWH-205-mw07	Well Location/ Parcel: OLD WATER HOLE	Concrete Pad Removed	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Total Depth (feet): 151.4' TOC	Drilled By: MILLER Drilling Co.	Protective Posts Removed	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Date Completed: 9/12/02	Ground Elevation: 661.71	Outer Casing Removed	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
	TOC Elevation: 663.88	Flush Mount Removed	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
DOWNHOLE DEPTHS		Disposition of Well Materials: _____	
			

Figure AC-1

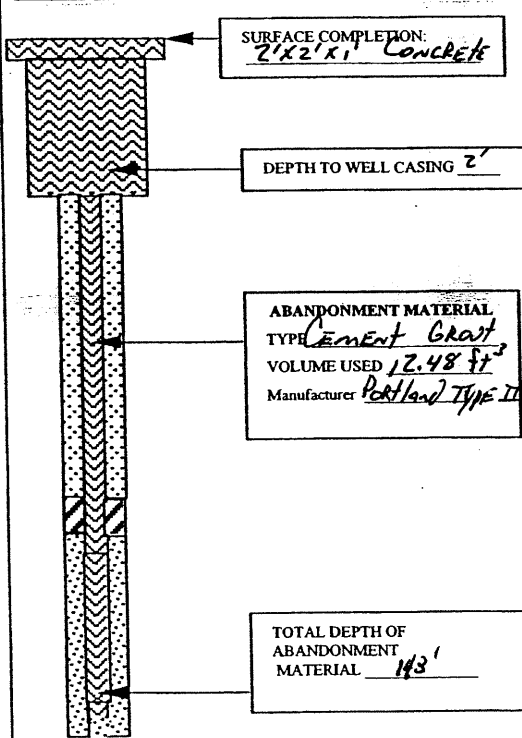
 ITT CORPORATION <small>A Member of The IT Group</small>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: DWH-205-MW08	
Client: USACE Mobile District		Well Coordinates:	
Project No. 774645		N 1179347.3 E 628235.89	
Start Date: 1/17/05	Date Completed: 1/25/05	Prepared By: Kyle Wicker	Reference Point for Measurements: Ground Surface
Well Type: (circle one) Residuum		NOTES:	
Bedrock <input type="checkbox"/> Temporary <input type="checkbox"/>			
Other _____			

BEFORE ABANDONMENT	AFTER ABANDONMENT:
WELL CONSTRUCTION SUMMARY	
Well No. DWH-205-MW08	Well Location/ Parcel: OLD WATER HOLE
Total Depth (feet): 143' TOC	Drilled By: MILLER DRILLING CO.
Date Completed: 9/24/02	Ground Elevation: 660.92
	TOC Elevation: 663.10

DOWNHOLE DEPTHS	NO YES N/A
Concrete Pad Removed	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Protective Posts Removed	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Outer Casing Removed	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Flush Mount Removed	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Disposition of Well Materials: _____	



CONDUCTOR HOLE DIA 8"	TOP 0
	BOTTOM 117
OUTER CASING TYPE Carbon Steel	TOP 0
I.D. 8" O.D. _____	BOTTOM 117
BOREHOLE DIA 7 5/8	TOP 117
	BOTTOM 143
TYPE OF BACKFILL MATERIAL Grout	TOP 0
	BOTTOM 102.5
WELL CASING TYPE PVC Sch 80	TOP -2.18
I.D. 4" O.D. _____	BOTTOM 133
SEAL TYPE Bentonite	TOP 102.5
	BOTTOM 125
FILTER PACK 1/2" F. 1/2" Sand	TOP 125
	BOTTOM 143
SCREEN TYPE PVC Sch 80	TOP 133
I.D. 4" O.D. _____	BOTTOM 143
SUMP TYPE Endcap	TOP 143
I.D. 4" O.D. _____	BOTTOM 143




SURFACE COMPLETION:
2' x 2' x 1' Concrete

DEPTH TO WELL CASING **2'**

ABANDONMENT MATERIAL
 TYPE **Cement Grout**
 VOLUME USED **12.48 ft³**
 Manufacturer **Portland Type II**

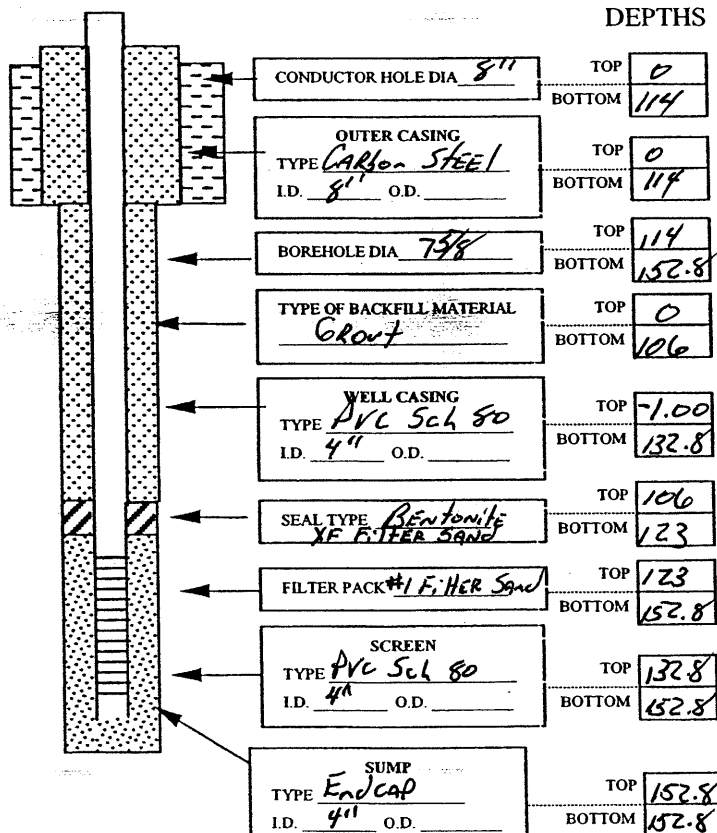
TOTAL DEPTH OF ABANDONMENT MATERIAL **143'**

Figure AC-1

 IT CORPORATION <small>A Member of The IT Group</small>		Well Abandonment Form	
Project: FTMC South Atlantic Division TERC		Well Number: OWH-205-MW09	
Client: USACE Mobile District		Well Coordinates: <div style="display: flex; justify-content: space-between;"> N 1179260.51 E 628409.6 </div>	
Project No. 774645		Prepared By: Kyle Wilson	
Start Date: 1/17/05	Date Completed: 1/25/05	Reference Point for Measurements: Ground Surface	
Well Type: (circle one) Residuum		NOTES:	
Bedrock <input type="checkbox"/> Temporary <input type="checkbox"/>			
Other _____			

BEFORE ABANDONMENT	AFTER ABANDONMENT:																				
WELL CONSTRUCTION SUMMARY	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th></th> <th style="width: 10%;">NO</th> <th style="width: 10%;">YES</th> <th style="width: 10%;">N/A</th> </tr> <tr> <td>Concrete Pad Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Protective Posts Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Outer Casing Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Flush Mount Removed</td> <td></td> <td></td> <td style="text-align: center;">✓</td> </tr> </table>		NO	YES	N/A	Concrete Pad Removed		✓		Protective Posts Removed		✓		Outer Casing Removed		✓		Flush Mount Removed			✓
	NO	YES	N/A																		
Concrete Pad Removed		✓																			
Protective Posts Removed		✓																			
Outer Casing Removed		✓																			
Flush Mount Removed			✓																		
Well No. OWH-205-MW09 Well Location/ Parcel: OLD WATER HOLE Total Depth (feet): 152.8' TOC Drilled By: Miller Drilling Co. Date Completed: 10/18/02 Ground Elevation: 656.61 TOC Elevation: 657.61	Disposition of Well Materials: _____																				

DOWNHOLE DEPTHS



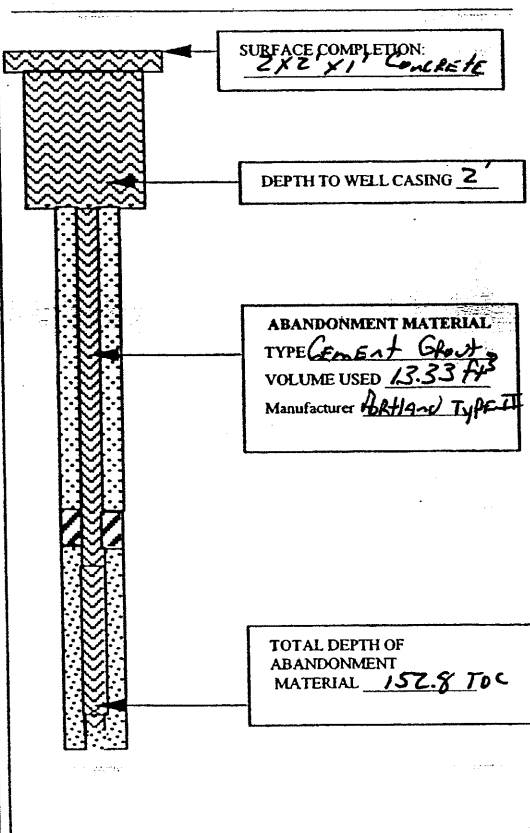

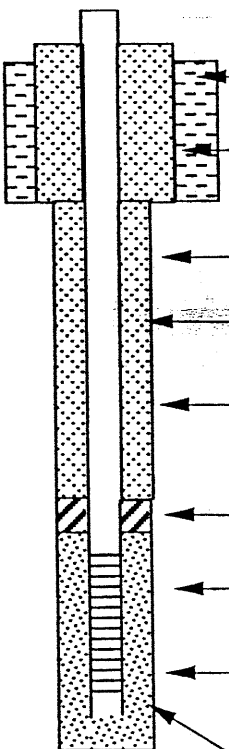


Figure AC-1

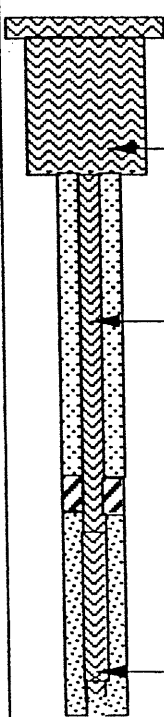
 IT CORPORATION <small>A Member of The IT Group</small>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: <u>RNG-109-MW01</u>	
Client: USACE Mobile District		Well Coordinates:	
Project No. <u>774645</u>		N <u>1175412.7</u> E <u>623288.21</u>	
Start Date: <u>11/19/05</u>	Date Completed: <u>1/20/05</u>	Prepared By: <u>Kyle Wilson</u>	Reference Point for Measurements: <u>GROUND SURFACE</u>
Well Type: (circle one) <u>Residuum</u>		NOTES:	
Bedrock _____ Temporary _____			
Other _____			

BEFORE ABANDONMENT	AFTER ABANDONMENT:												
WELL CONSTRUCTION SUMMARY	NO YES N/A												
Well No. <u>RNG-109-MW01</u> Well Location/Parcel: <u>RANGE Z3 Alpha</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Concrete Pad Removed</td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Protective Posts Removed</td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Outer Casing Removed</td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Flush Mount Removed</td> <td></td> <td style="text-align: center;">✓</td> </tr> </table>	Concrete Pad Removed	✓		Protective Posts Removed	✓		Outer Casing Removed	✓		Flush Mount Removed		✓
Concrete Pad Removed		✓											
Protective Posts Removed		✓											
Outer Casing Removed		✓											
Flush Mount Removed		✓											
Total Depth (feet): <u>40.5' TOC</u> Drilled By: <u>Miller Drilling Co.</u>													
Date Completed: <u>DECEMBER 2001</u> Ground Elevation: <u>641.65</u>													
TOC Elevation: <u>643.62</u>	Disposition of Well Materials: _____												

DOWNHOLE DEPTHS



CONDUCTOR HOLE DIA <u>NA</u>	TOP <u>NA</u>	BOTTOM <u>NA</u>
OUTER CASING TYPE <u>NA</u>	TOP <u>NA</u>	BOTTOM <u>NA</u>
BOREHOLE DIA <u>4"</u>	TOP <u>0</u>	BOTTOM <u>40.5</u>
TYPE OF BACKFILL MATERIAL <u>Grout</u>	TOP <u>0</u>	BOTTOM <u>15.5</u>
WELL CASING TYPE <u>PVC Sch 40</u>	TOP <u>7.97</u>	BOTTOM <u>25.5</u>
SEAL TYPE <u>Bentonite</u>	TOP <u>15.5</u>	BOTTOM <u>20.5</u>
FILTER PACK <u>#1 Filter Sand</u>	TOP <u>20.5</u>	BOTTOM <u>40.5</u>
SCREEN TYPE <u>PVC Sch 40</u>	TOP <u>25.5</u>	BOTTOM <u>40.5</u>
SUMP TYPE <u>Endcap</u>	TOP <u>40.5</u>	BOTTOM <u>40.5</u>




SURFACE COMPLETION:
2' X 2' X 1' Concrete

DEPTH TO WELL CASING 2'

ABANDONMENT MATERIAL
 TYPE Cement Grout
 VOLUME USED 2.88 ft³
 Manufacturer Portland Type II

TOTAL DEPTH OF ABANDONMENT MATERIAL 40.5'

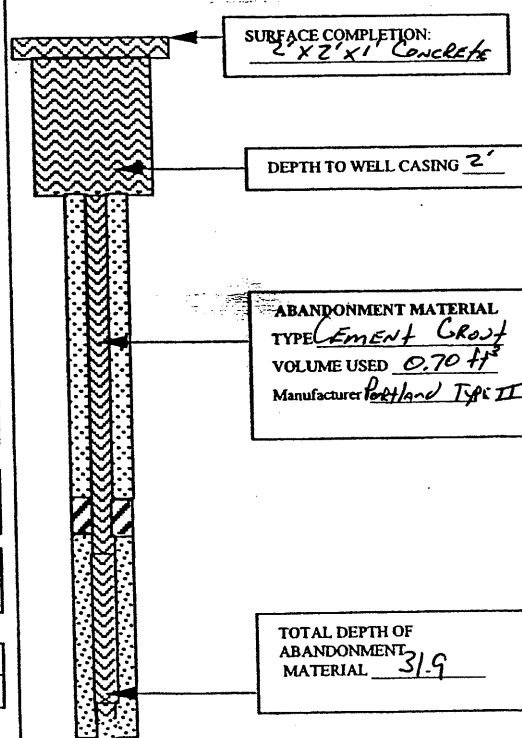
Figure AC-1

 <p>IT CORPORATION A Member of The IT Group</p>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: RNG-109-mw02	
Client: USACE Mobile District		Well Coordinates: N 117 1175265.7 E 622606.42	
Project No. 774645		Prepared By: Kyle Wilson	
Start Date: 1/19/05	Date Completed: 1/20/05	Reference Point for Measurements: Ground Surface	
Well Type: (circle one) Residuum Bedrock <input type="checkbox"/> Temporary <input type="checkbox"/> Other <input type="checkbox"/>		NOTES:	

BEFORE ABANDONMENT	AFTER ABANDONMENT:																
WELL CONSTRUCTION SUMMARY	NO YES N/A																
Well No. RNG-109-mw02	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Concrete Pad Removed</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Protective Posts Removed</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Outer Casing Removed</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Flush Mount Removed</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> </table>	Concrete Pad Removed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Protective Posts Removed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Outer Casing Removed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Flush Mount Removed	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Concrete Pad Removed		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>													
Protective Posts Removed		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>													
Outer Casing Removed		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>													
Flush Mount Removed	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>														
Well Location/ Parcel: Range 23 Alpha																	
Total Depth (feet): 31.9 TOC																	
Drilled By: Miller Drilling Co	Disposition of Well Materials: _____																
Date Completed: DECEMBER 2001																	
Ground Elevation: 605.88 TOC Elevation: 608.13																	

DOWNHOLE DEPTHS

CONDUCTOR HOLE DIA NA	TOP	NA
	BOTTOM	NA
OUTER CASING TYPE NA I.D. _____ O.D. _____	TOP	NA
	BOTTOM	NA
BOREHOLE DIA 8"	TOP	0
	BOTTOM	31.9
TYPE OF BACKFILL MATERIAL GROUT	TOP	0
	BOTTOM	6.9
WELL CASING TYPE PVC Sch 40 I.D. 2 O.D. _____	TOP	-2.25
	BOTTOM	16.9
SEAL TYPE Bentonite	TOP	6.9
	BOTTOM	11.9
FILTER PACK #1 F. ILLER Sand	TOP	11.9
	BOTTOM	31.9
SCREEN TYPE PVC Sch 40 I.D. 2 O.D. _____	TOP	16.9
	BOTTOM	31.9
SUMP TYPE Endcap I.D. 2 O.D. _____	TOP	31.9
	BOTTOM	31.9




SURFACE COMPLETION:
2' x 2' x 1' Concrete

DEPTH TO WELL CASING **2'**

ABANDONMENT MATERIAL
 TYPE **Cement Grout**
 VOLUME USED **0.70 ft³**
 Manufacturer **Portland Type II**

TOTAL DEPTH OF ABANDONMENT MATERIAL **31.9**

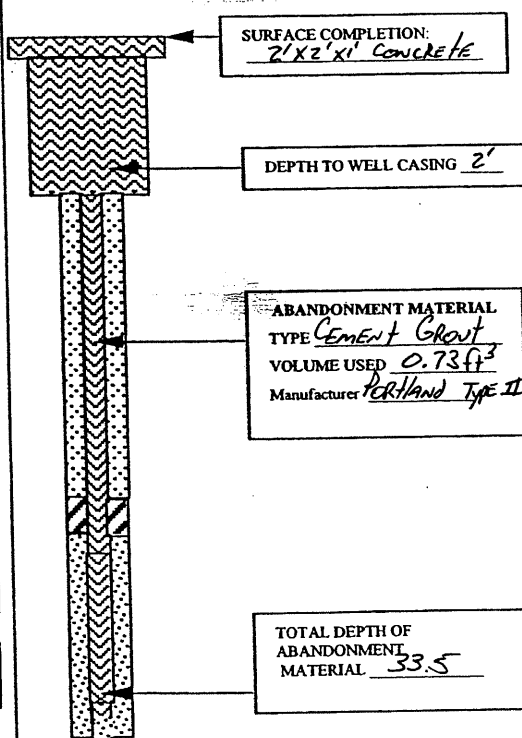
Figure AC-1

 IT CORPORATION <small>A Member of The IT Group</small>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: RNG-109-MW03	
Client: USACE Mobile District		Well Coordinates:	
Project No. 774645		N 1174763.33 E 622673.6	
Start Date: 1/19/05	Date Completed: 1/20/05	Prepared By: Kyle Wilson	Reference Point for Measurements: GROUND SURFACE
Well Type: (circle one) Residuum		NOTES:	
Bedrock <input type="checkbox"/> Temporary <input type="checkbox"/>			
Other _____			

BEFORE ABANDONMENT	AFTER ABANDONMENT:			
WELL CONSTRUCTION SUMMARY	NO YES N/A			
Well No. RNG-109-MW03	Concrete Pad Removed <table border="1" style="display: inline-table;"><tr><td></td><td>✓</td><td></td></tr></table>		✓	
	✓			
Well Location/ Parcel: RANGE 23 Alpha	Protective Posts Removed <table border="1" style="display: inline-table;"><tr><td></td><td>✓</td><td></td></tr></table>		✓	
	✓			
Total Depth (feet): 33.5 TOC	Outer Casing Removed <table border="1" style="display: inline-table;"><tr><td></td><td>✓</td><td></td></tr></table>		✓	
	✓			
Drilled By: _____	Flush Mount Removed <table border="1" style="display: inline-table;"><tr><td></td><td></td><td>✓</td></tr></table>			✓
		✓		
Date Completed: DECEMBER 2001	Disposition of Well Materials: _____			
Ground Elevation: 598.16				
TOC Elevation: 600.27				

DOWNHOLE DEPTHS

CONDUCTOR HOLE DIA NA	TOP NA	BOTTOM NA
OUTER CASING TYPE NA	TOP NA	BOTTOM NA
I.D. _____ O.D. _____		
BOREHOLE DIA 8"	TOP 0	BOTTOM 33.5
TYPE OF BACKFILL MATERIAL Grout	TOP 0	BOTTOM 8.5
WELL CASING TYPE PVC Sch 40	TOP -2.11	BOTTOM 18.5
I.D. 2 O.D. _____		
SEAL TYPE Bentonite	TOP 8.5	BOTTOM 13.5
FILTER PACK #1 Filter Sand	TOP 13.5	BOTTOM 33.5
SCREEN TYPE PVC Sch 40	TOP 18.5	BOTTOM 33.5
I.D. 2 O.D. _____		
SUMP TYPE Endcap	TOP 33.5	BOTTOM 33.5
I.D. 2 O.D. _____		



SURFACE COMPLETION:
2'x2'x1' CONCRETE

DEPTH TO WELL CASING **2'**

ABANDONMENT MATERIAL
 TYPE **CEMENT GROUT**
 VOLUME USED **0.73 ft³**
 Manufacturer **Portland Type II**

TOTAL DEPTH OF ABANDONMENT MATERIAL **33.5**

Figure AC-1

Well Abandonment Form

Project: FTMC South Atlantic Division TERC	
Client: USACE Mobile District	
Project No. 774645	
Start Date: 1/19/05	Date Completed: 1/20/05
Well Type: (circle one) <u>Residuum</u>	
Bedrock Temporary	
Other _____	

Well Number: RNG-109-mw04	
Well Coordinates: N 1175053.46 E 622823.73	
Prepared By: Kyle Wilson	Reference Point for Measurements: Ground Surface
NOTES:	


BEFORE ABANDONMENT	
WELL CONSTRUCTION SUMMARY	
Well No. RNG-109-mw04	Well Location/ Parcel: Range 23 Alpha
Total Depth (feet): 41.5 TOC	Drilled By: Miller Drilling Co
Date Completed: December 2001	Ground Elevation: 604.08
	TOC Elevation: 606.06

AFTER ABANDONMENT:			
	NO	YES	N/A
Concrete Pad Removed		<input checked="" type="checkbox"/>	
Protective Posts Removed		<input checked="" type="checkbox"/>	
Outer Casing Removed		<input checked="" type="checkbox"/>	
Flush Mount Removed			<input checked="" type="checkbox"/>
Disposition of Well Materials: _____			

DOWNHOLE DEPTHS	
CONDUCTOR HOLE DIA NA	TOP NA BOTTOM NA
OUTER CASING TYPE NA I.D. _____ O.D. _____	TOP NA BOTTOM NA
BOREHOLE DIA 8	TOP 0 BOTTOM 41.5
TYPE OF BACKFILL MATERIAL Grout	TOP 0 BOTTOM 16.5
WELL CASING TYPE PVC Sch 40 I.D. 2 O.D. _____	TOP 7.98 BOTTOM 26.5
SEAL TYPE Bentonite	TOP 16.5 BOTTOM 21.5
FILTER PACK #1 Filter Sand	TOP 21.5 BOTTOM 41.5
SCREEN TYPE PVC Sch 40 I.D. 2 O.D. _____	TOP 26.5 BOTTOM 41.5
SUMP TYPE Endcap I.D. 2 O.D. _____	TOP 41.5 BOTTOM 41.5

SURFACE COMPLETION: 2' x 2' x 1' Concrete
DEPTH TO WELL CASING 2'
ABANDONMENT MATERIAL TYPE Cement Grout VOLUME USED 0.91 A ³ Manufacturer Portland Type II
TOTAL DEPTH OF ABANDONMENT MATERIAL 41.5

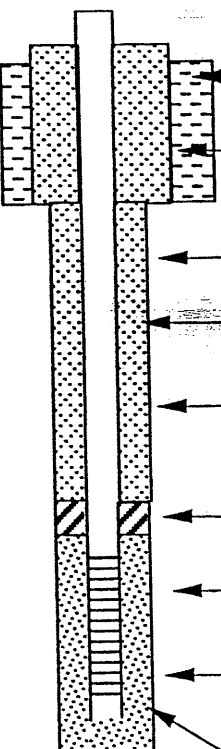
Figure AC-1

 IT CORPORATION <small>A Member of The IT Group</small>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: <u>RNG-208-MW01</u>	
Client: USACE Mobile District		Well Coordinates:	
Project No. <u>774645</u>		N <u>1159956.42</u> E <u>623016.98</u>	
Start Date: <u>1/25/05</u> <u>1/29/05</u>	Date Completed: <u>1/26/05</u> <u>1/20/05</u>	Prepared By: <u>Kyle Wilson</u>	Reference Point for Measurements: <u>Ground Surface</u>
Well Type: (circle one) Residuum		NOTES:	
Bedrock _____ Temporary _____			
Other _____			

BEFORE ABANDONMENT		AFTER ABANDONMENT:																					
WELL CONSTRUCTION SUMMARY																							
Well No. <u>RNG-208-MW01</u>	Well Location/ Parcel: <u>FORMER SHELL TAPPING AREA</u>																						
Total Depth (feet): <u>93.1 TOC</u>	Drilled By: <u>Miller Drilling Co.</u>																						
Date Completed: <u>March 2000</u>	Ground Elevation: <u>732.05</u> TOC Elevation: <u>734.52</u>																						
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">NO</th> <th style="text-align: center;">YES</th> <th style="text-align: center;">N/A</th> </tr> </thead> <tbody> <tr> <td>Concrete Pad Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Protective Posts Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Outer Casing Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Flush Mount Removed</td> <td></td> <td></td> <td style="text-align: center;">✓</td> </tr> </tbody> </table>			NO	YES	N/A	Concrete Pad Removed		✓		Protective Posts Removed		✓		Outer Casing Removed		✓		Flush Mount Removed			✓
	NO	YES	N/A																				
Concrete Pad Removed		✓																					
Protective Posts Removed		✓																					
Outer Casing Removed		✓																					
Flush Mount Removed			✓																				
		Disposition of Well Materials: _____																					

DOWNHOLE DEPTHS

CONDUCTOR HOLE DIA <u>NA</u>	TOP	<u>NA</u>
	BOTTOM	<u>NA</u>
OUTER CASING TYPE <u>NA</u> I.D. _____ O.D. _____	TOP	<u>NA</u>
	BOTTOM	<u>NA</u>
BOREHOLE DIA <u>8</u>	TOP	<u>0</u>
	BOTTOM	<u>93.1</u>
TYPE OF BACKFILL MATERIAL <u>Grout</u>	TOP	<u>0</u>
	BOTTOM	<u>63.1</u>
WELL CASING TYPE <u>PVC Sch 40</u> I.D. <u>2</u> O.D. _____	TOP	<u>2.47</u>
	BOTTOM	<u>73.1</u>
SEAL TYPE <u>Bentonite</u>	TOP	<u>63.1</u>
	BOTTOM	<u>68.1</u>
FILTER PACK #1 <u>Filter Sand</u>	TOP	<u>68.1</u>
	BOTTOM	<u>93.1</u>
SCREEN TYPE <u>PVC Sch 40</u> I.D. <u>2</u> O.D. _____	TOP	<u>73.1</u>
	BOTTOM	<u>93.1</u>
SUMP TYPE <u>Endcap</u> I.D. <u>2"</u> O.D. _____	TOP	<u>93.1</u>
	BOTTOM	<u>93.1</u>



SURFACE COMPLETION:
2'x2'x1' CONCRETE

DEPTH TO WELL CASING 2'

ABANDONMENT MATERIAL
 TYPE Cement Grout
 VOLUME USED 2.03 ft³
 Manufacturer Portland Type II

TOTAL DEPTH OF ABANDONMENT MATERIAL 93.1

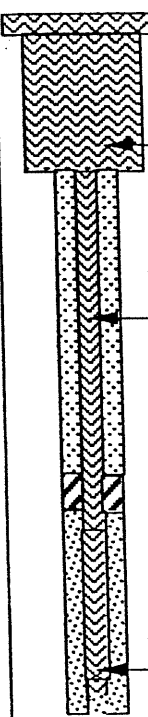

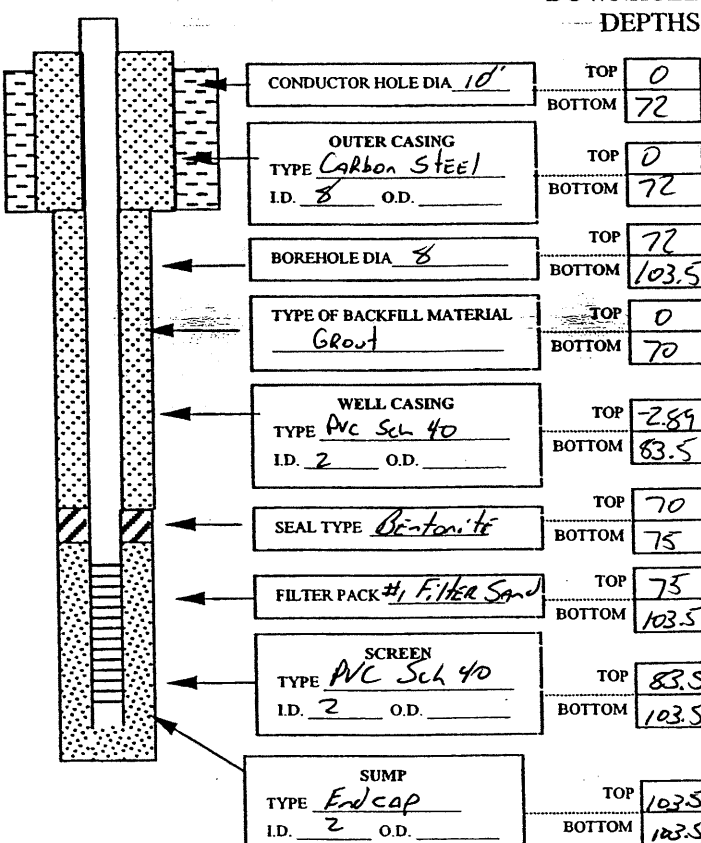


Figure AC-1

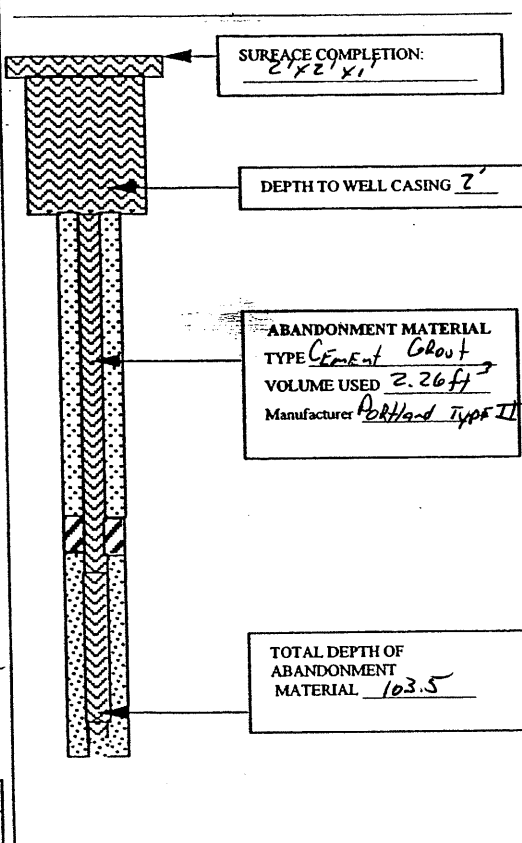
 <p>IT CORPORATION A Member of The IT Group</p>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: RNC-208-MW02	
Client: USACE Mobile District		Well Coordinates:	
Project No. 774645		N 1161076.82 E 622581.64	
Start Date: 1/25/05	Date Completed: 1/26/05	Prepared By: KYLE WILSON	Reference Point for Measurements: Ground Surface
Well Type: (circle one) Residuum		NOTES:	
Bedrock _____ Temporary _____			
Other _____			

BEFORE ABANDONMENT		AFTER ABANDONMENT:																					
WELL CONSTRUCTION SUMMARY																							
Well No. RNC-208-MW05	Well Location/ Parcel: FORMER SHELL TAPPING AREA																						
Total Depth (feet): 103.5 TOC	Drilled By:																						
Date Completed: March 2000	Ground Elevation: 710.86 TOC Elevation: 713.25																						
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">NO</th> <th style="text-align: center;">YES</th> <th style="text-align: center;">N/A</th> </tr> </thead> <tbody> <tr> <td>Concrete Pad Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Protective Posts Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Outer Casing Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Flush Mount Removed</td> <td></td> <td></td> <td style="text-align: center;">✓</td> </tr> </tbody> </table>			NO	YES	N/A	Concrete Pad Removed		✓		Protective Posts Removed		✓		Outer Casing Removed		✓		Flush Mount Removed			✓
	NO	YES	N/A																				
Concrete Pad Removed		✓																					
Protective Posts Removed		✓																					
Outer Casing Removed		✓																					
Flush Mount Removed			✓																				
		Disposition of Well Materials: _____																					

DOWNHOLE DEPTHS



CONDUCTOR HOLE DIA 10"	TOP 0	BOTTOM 72
OUTER CASING TYPE Carbon Steel I.D. 8 O.D. _____	TOP 0	BOTTOM 72
BOREHOLE DIA 8	TOP 72	BOTTOM 103.5
TYPE OF BACKFILL MATERIAL Grout	TOP 0	BOTTOM 70
WELL CASING TYPE PVC Sch 40 I.D. 2 O.D. _____	TOP -2.89	BOTTOM 83.5
SEAL TYPE Bentonite	TOP 70	BOTTOM 75
FILTER PACK #1 Filter Sand	TOP 75	BOTTOM 103.5
SCREEN TYPE PVC Sch 40 I.D. 2 O.D. _____	TOP 83.5	BOTTOM 103.5
SUMP TYPE Endcap I.D. 2 O.D. _____	TOP 103.5	BOTTOM 103.5




SURFACE COMPLETION: 2' x 2' x 1'

DEPTH TO WELL CASING: 2'

ABANDONMENT MATERIAL: TYPE Cement Grout, VOLUME USED 2.26 ft³, Manufacturer Portland Type II

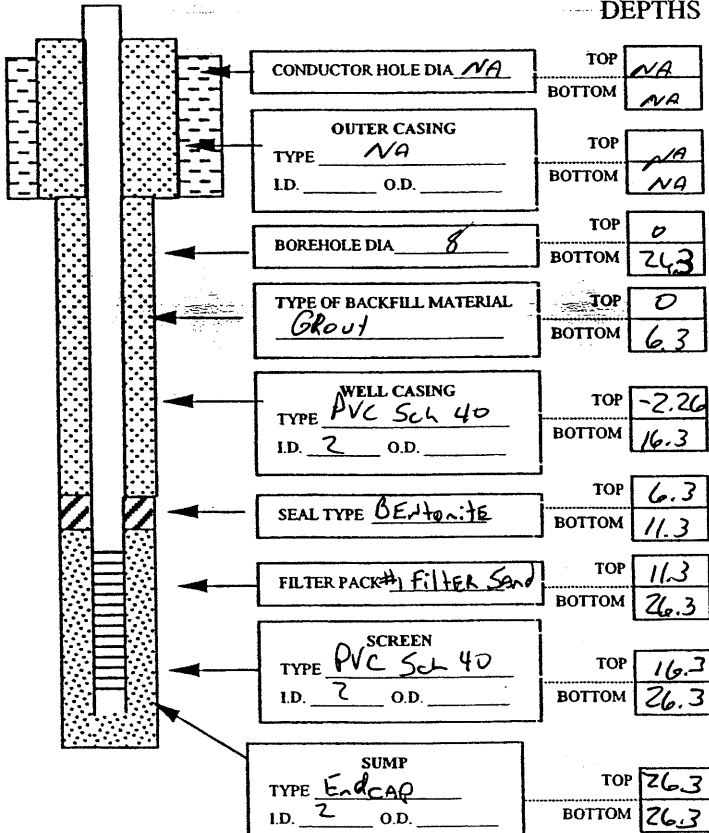
TOTAL DEPTH OF ABANDONMENT MATERIAL: 103.5

Figure AC-1

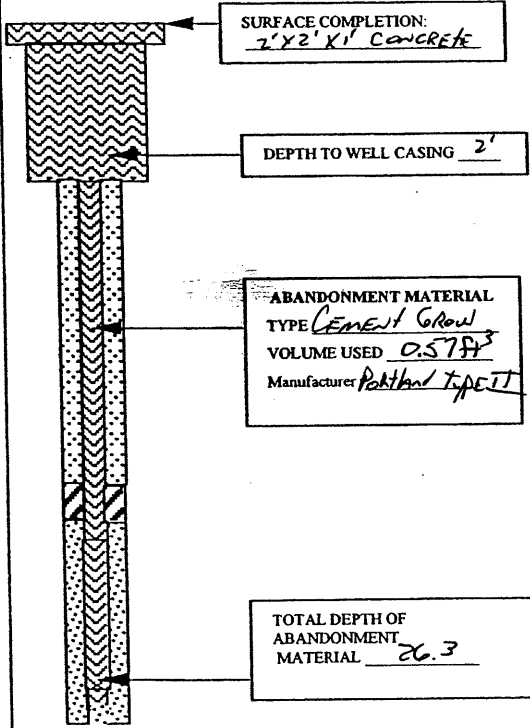
 ITT CORPORATION <small>A Member of The ITT Group</small>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: <u>RF-mw01</u>	
Client: USACE Mobile District		Well Coordinates:	
Project No. <u>774645</u>		N <u>1175307.4</u> E <u>607793.63</u>	
Start Date: <u>11/18/05</u>	Date Completed: <u>11/19/05</u>	Prepared By: <u>Kyle Wilson</u>	Reference Point for Measurements: <u>Ground Surface</u>
Well Type: (circle one) Residium		NOTES:	
Bedrock <input type="checkbox"/> Temporary <input type="checkbox"/>			
Other _____			

BEFORE ABANDONMENT	AFTER ABANDONMENT:			
WELL CONSTRUCTION SUMMARY	NO YES N/A			
Well No. <u>RF-mw01</u>	Concrete Pad Removed <table border="1" style="display: inline-table;"><tr><td></td><td><input checked="" type="checkbox"/></td><td></td></tr></table>		<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>			
Well Location/ Parcel: <u>Rickout Field</u>	Protective Posts Removed <table border="1" style="display: inline-table;"><tr><td></td><td><input checked="" type="checkbox"/></td><td></td></tr></table>		<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>			
Total Depth (feet): <u>26.3 TOC</u>	Outer Casing Removed <table border="1" style="display: inline-table;"><tr><td></td><td><input checked="" type="checkbox"/></td><td></td></tr></table>		<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>			
Drilled By: <u>Miller Drilling</u>	Flush Mount Removed <table border="1" style="display: inline-table;"><tr><td></td><td></td><td><input checked="" type="checkbox"/></td></tr></table>			<input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/>		
Date Completed: <u>2002</u>	Disposition of Well Materials: _____			
Ground Elevation: <u>553.15</u>				
TOC Elevation: <u>555.41</u>				

DOWNHOLE DEPTHS



CONDUCTOR HOLE DIA <u>NA</u>	TOP <u>NA</u>	BOTTOM <u>NA</u>
OUTER CASING TYPE <u>NA</u>	TOP <u>NA</u>	BOTTOM <u>NA</u>
BOREHOLE DIA <u>8</u>	TOP <u>0</u>	BOTTOM <u>26.3</u>
TYPE OF BACKFILL MATERIAL <u>Grout</u>	TOP <u>0</u>	BOTTOM <u>6.3</u>
WELL CASING TYPE <u>PVC Sch 40</u>	TOP <u>-2.26</u>	BOTTOM <u>16.3</u>
SEAL TYPE <u>Bestonite</u>	TOP <u>6.3</u>	BOTTOM <u>11.3</u>
FILTER PACK <u>Filter Sand</u>	TOP <u>11.3</u>	BOTTOM <u>26.3</u>
SCREEN TYPE <u>PVC Sch 40</u>	TOP <u>16.3</u>	BOTTOM <u>26.3</u>
SUMP TYPE <u>Endcap</u>	TOP <u>26.3</u>	BOTTOM <u>26.3</u>




SURFACE COMPLETION: 2'x2'x1' CONCRETE

DEPTH TO WELL CASING 2'

ABANDONMENT MATERIAL
 TYPE Cement Grout
 VOLUME USED 0.57 cu yd
 Manufacturer Patterson Type II

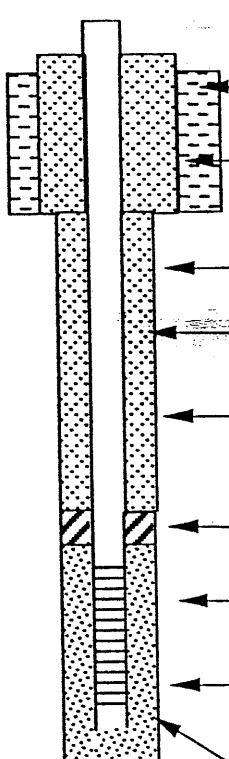
TOTAL DEPTH OF ABANDONMENT MATERIAL 26.3

Figure AC-1

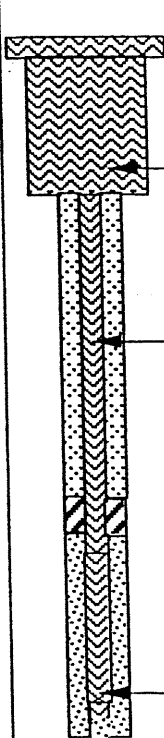
 <p>IT CORPORATION A Member of The IT Group</p>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: RF-MW02	
Client: USACE Mobile District		Well Coordinates:	
Project No. 774645		N 1175769.35 E 607761.15	
Start Date: 1/18/05	Date Completed: 1/19/05	Prepared By: Kyle Wilson	Reference Point for Measurements: Ground Surface
Well Type: (circle one) Residuum		NOTES:	
Bedrock	Temporary		
Other _____			

BEFORE ABANDONMENT	AFTER ABANDONMENT:			
WELL CONSTRUCTION SUMMARY	NO YES N/A			
Well No. RF-MW02	Concrete Pad Removed <table border="1" style="display: inline-table;"><tr><td></td><td>✓</td><td></td></tr></table>		✓	
	✓			
Well Location/ Parcel: RIDEOUT FIELD	Protective Posts Removed <table border="1" style="display: inline-table;"><tr><td></td><td>✓</td><td></td></tr></table>		✓	
	✓			
Total Depth (feet): 26.3 TOC	Outer Casing Removed <table border="1" style="display: inline-table;"><tr><td></td><td>✓</td><td></td></tr></table>		✓	
	✓			
Drilled By: MILLER DRILLING CO.	Flush Mount Removed <table border="1" style="display: inline-table;"><tr><td></td><td></td><td>✓</td></tr></table>			✓
		✓		
Date Completed: 2002	Disposition of Well Materials: _____			
Ground Elevation: 550.50				
TOC Elevation: 552.63				

DOWNHOLE DEPTHS



CONDUCTOR HOLE DIA NA	TOP NA	BOTTOM NA
OUTER CASING TYPE NA	TOP NA	BOTTOM NA
I.D. _____ O.D. _____		
BOREHOLE DIA 8	TOP 0	BOTTOM 26.3
TYPE OF BACKFILL MATERIAL Grout	TOP 0	BOTTOM 6.3
WELL CASING TYPE PVC SCH 40	TOP 2.13	BOTTOM 16.3
I.D. 2 O.D. _____		
SEAL TYPE Bentonite	TOP 16.3	BOTTOM 11.3
FILTER PACK #1 Filter Sand	TOP 11.3	BOTTOM 26.3
SCREEN TYPE PVC SCH 40	TOP 16.3	BOTTOM 26.3
I.D. 2 O.D. _____		
SUMP TYPE Endcap	TOP 26.3	BOTTOM 26.3
I.D. 2 O.D. _____		




SURFACE COMPLETION:
2'x2'x1' CONCRETE

DEPTH TO WELL CASING **2'**

ABANDONMENT MATERIAL
 TYPE **Cement Grout**
 VOLUME USED **0.5 cu yd**
 Manufacturer **Portland Type II**

TOTAL DEPTH OF ABANDONMENT MATERIAL **26.3**

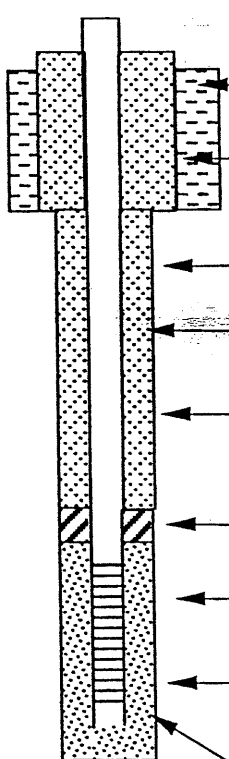
Figure AC-1

 ITT CORPORATION <small>A Member of The IT Group</small>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: RF-MW03	
Client: USACE Mobile District		Well Coordinates:	
Project No.: 774645		N 1175190.89 E 607815.86	
Start Date: 11/18/05	Date Completed: 11/19/05	Prepared By: Kyle Wilson	Reference Point for Measurements: Ground Surface
Well Type: (circle one) Residuum		NOTES:	
Bedrock Temporary			
Other:			

BEFORE ABANDONMENT	AFTER ABANDONMENT:			
WELL CONSTRUCTION SUMMARY	NO YES N/A			
Well No.: RF-MW03	Concrete Pad Removed <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td></td><td style="text-align: center;">✓</td><td></td></tr> </table>		✓	
	✓			
Well Location/ Parcel: Rideout Field	Protective Posts Removed <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td></td><td style="text-align: center;">✓</td><td></td></tr> </table>		✓	
	✓			
Total Depth (feet): 22.8 TOC	Outer Casing Removed <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td></td><td style="text-align: center;">✓</td><td></td></tr> </table>		✓	
	✓			
Date Completed: 2002	Flush Mount Removed <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td></td><td></td><td style="text-align: center;">✓</td></tr> </table>			✓
		✓		
Drilled By: Miller Drilling Co.	Disposition of Well Materials:			
Ground Elevation: 552.01 TOC Elevation: 554.24				

DOWNHOLE DEPTHS

CONDUCTOR HOLE DIA. NA	TOP	NA	BOTTOM	NA
OUTER CASING TYPE NA I.D. O.D.	TOP	NA	BOTTOM	NA
BOREHOLE DIA. 8	TOP	0	BOTTOM	22.8
TYPE OF BACKFILL MATERIAL Grout	TOP	0	BOTTOM	5.0
WELL CASING TYPE PVC SCH 40 I.D. 2 O.D.	TOP	-2.23	BOTTOM	12.8
SEAL TYPE Bentonite	TOP	5.0	BOTTOM	7.8
FILTER PACK #1 FILTER Sand	TOP	7.8	BOTTOM	22.8
SCREEN TYPE PVC SCH 40 I.D. 2 O.D.	TOP	12.8	BOTTOM	22.8
SUMP TYPE Endcap I.D. 2 O.D.	TOP	22.8	BOTTOM	22.8




SURFACE COMPLETION:
2' x 2' x 1' CONCRETE

DEPTH TO WELL CASING: 2'

ABANDONMENT MATERIAL:
TYPE Cement Grout
VOLUME USED 0.50 ft³
Manufacturer: Portland Type II

TOTAL DEPTH OF ABANDONMENT MATERIAL: 22.8'

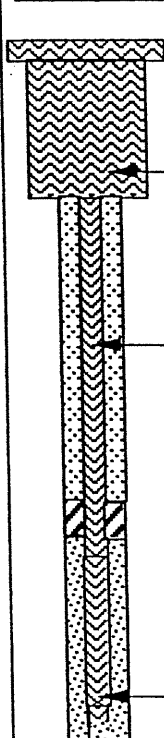
Figure AC-1

 <p>IT CORPORATION A Member of The IT Group</p>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: RF-MW04	
Client: USACE Mobile District		Well Coordinates:	
Project No. 774645		N 1174360.65 E 607894.02	
Start Date: 11/18/05	Date Completed: 11/19/05	Prepared By: Kyle Wilson	Reference Point for Measurements: Ground Surface
Well Type: (circle one) Residuum		NOTES:	
Bedrock <input type="checkbox"/> Temporary <input type="checkbox"/>			
Other _____			

BEFORE ABANDONMENT	AFTER ABANDONMENT:			
WELL CONSTRUCTION SUMMARY	NO YES N/A			
Well No. RF-MW04	Concrete Pad Removed <table border="1" style="display: inline-table;"><tr><td></td><td><input checked="" type="checkbox"/></td><td></td></tr></table>		<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>			
Well Location/ Parcel: RIDEOUT FIELD	Protective Posts Removed <table border="1" style="display: inline-table;"><tr><td></td><td><input checked="" type="checkbox"/></td><td></td></tr></table>		<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>			
Total Depth (feet): 22.6 TOC	Outer Casing Removed <table border="1" style="display: inline-table;"><tr><td></td><td><input checked="" type="checkbox"/></td><td></td></tr></table>		<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>			
Drilled By: Miller Drilling	Flush Mount Removed <table border="1" style="display: inline-table;"><tr><td></td><td></td><td><input checked="" type="checkbox"/></td></tr></table>			<input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/>		
Date Completed: 2007	Disposition of Well Materials: _____			
Ground Elevation: 518.70				
TOC Elevation: 520.96				

DOWNHOLE DEPTHS

CONDUCTOR HOLE DIA NA	TOP NA	BOTTOM NA
OUTER CASING TYPE NA	TOP NA	BOTTOM NA
I.D. _____ O.D. _____		
BOREHOLE DIA 8"	TOP 0	BOTTOM 22.6
TYPE OF BACKFILL MATERIAL Grout	TOP 0	BOTTOM 3.0
WELL CASING TYPE PVC Sch 40	TOP -2.26	BOTTOM 12.6
I.D. 2 O.D. _____		
SEAL TYPE Bentonite	TOP 3.0	BOTTOM 7.6
FILTER PACK 1/2" Filter Sand	TOP 7.6	BOTTOM 22.6
SCREEN TYPE PVC Sch 40	TOP 12.6	BOTTOM 22.6
I.D. 2 O.D. _____		
SUMP TYPE Endcap	TOP 22.6	BOTTOM 22.6
I.D. 2 O.D. _____		




SURFACE COMPLETION:
2' x 2' x 2' Concrete

DEPTH TO WELL CASING **2'**

ABANDONMENT MATERIAL
 TYPE **Cement Grout**
 VOLUME USED **0.49 ft³**
 Manufacturer **Betland Type II**

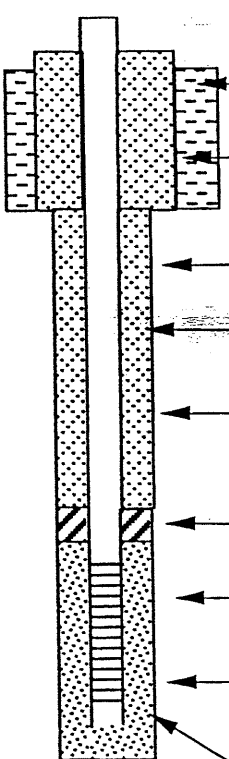
TOTAL DEPTH OF ABANDONMENT MATERIAL **22.6**

Figure AC-1

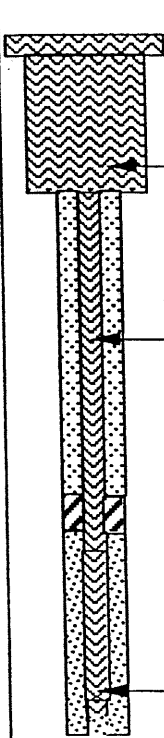
 <p>IT CORPORATION A Member of The IT Group</p>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: <u>RF-mw05</u>	
Client: USACE Mobile District		Well Coordinates:	
Project No. <u>774645</u>		N <u>1175304.31</u> E <u>607769.39</u>	
Start Date: <u>11/8/05</u>	Date Completed: <u>11/19/05</u>	Prepared By: <u>Kyle Wilson</u>	Reference Point for Measurements: <u>GROUND SURFACE</u>
Well Type: (circle one) Residium <u>Bedrock</u> Temporary Other _____		NOTES:	

BEFORE ABANDONMENT	AFTER ABANDONMENT:			
WELL CONSTRUCTION SUMMARY	NO YES N/A			
Well No. <u>RF-mw05</u>	Concrete Pad Removed <table border="1" style="display: inline-table;"><tr><td></td><td>✓</td><td></td></tr></table>		✓	
	✓			
Well Location/ Parcel: <u>Roadcut Field</u>	Protective Posts Removed <table border="1" style="display: inline-table;"><tr><td></td><td>✓</td><td></td></tr></table>		✓	
	✓			
Total Depth (feet): <u>94.2 TOC</u>	Outer Casing Removed <table border="1" style="display: inline-table;"><tr><td></td><td>✓</td><td></td></tr></table>		✓	
	✓			
Drilled By: <u>Miller Drilling</u>	Flush Mount Removed <table border="1" style="display: inline-table;"><tr><td></td><td></td><td>✓</td></tr></table>			✓
		✓		
Date Completed: <u>2002</u>	Disposition of Well Materials: _____			
Ground Elevation: <u>552.75</u>				
TOC Elevation: <u>554.85</u>				

DOWNHOLE DEPTHS



CONDUCTOR HOLE DIA <u>12</u>	TOP <u>0</u>	BOTTOM <u>29</u>
OUTER CASING TYPE <u>Carbon Steel</u> I.D. <u>8"</u> O.D. _____	TOP <u>0</u>	BOTTOM <u>29</u>
BOREHOLE DIA <u>8"</u>	TOP <u>29</u>	BOTTOM <u>94.2</u>
TYPE OF BACKFILL MATERIAL <u>Grout</u>	TOP <u>0</u>	BOTTOM <u>19</u>
WELL CASING TYPE <u>PVC Sch 80</u> I.D. <u>4"</u> O.D. _____	TOP _____	BOTTOM <u>69.2</u>
SEAL TYPE <u>Bentonite</u>	TOP <u>19</u>	BOTTOM <u>64.2</u>
FILTER PACK <u>#1 Filter Sand</u>	TOP <u>64.2</u>	BOTTOM <u>94.2</u>
SCREEN TYPE <u>PVC Sch 80</u> I.D. <u>4"</u> O.D. _____	TOP <u>69.2</u>	BOTTOM <u>94.2</u>
SUMP TYPE <u>End Cap</u> I.D. <u>4"</u> O.D. _____	TOP <u>94.2</u>	BOTTOM <u>94.2</u>




SURFACE COMPLETION:
2' x 2' x 1' Concrete

DEPTH TO WELL CASING 2'

ABANDONMENT MATERIAL
 TYPE Cement Grout
 VOLUME USED 8.22 ft³
 Manufacturer Portland Type II

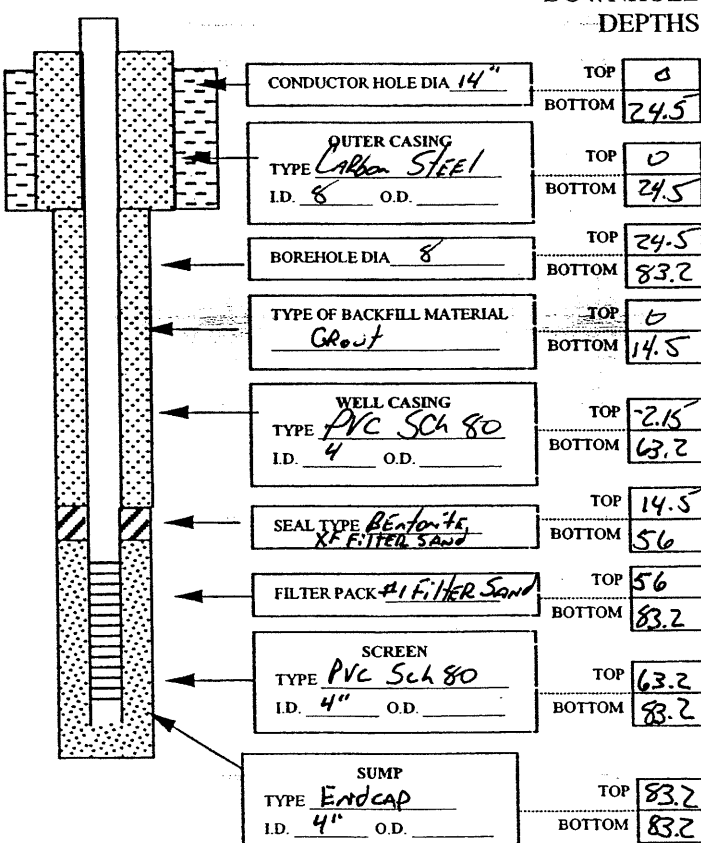
TOTAL DEPTH OF ABANDONMENT MATERIAL 94.2'

Figure AC-1

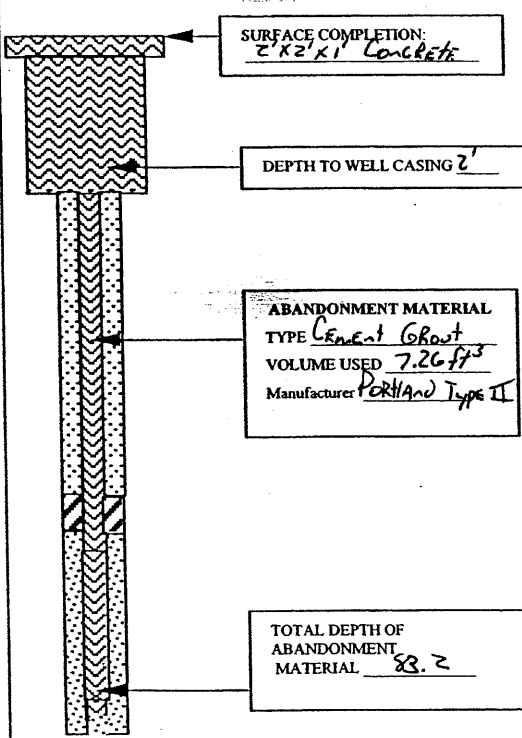
 <p>IT CORPORATION A Member of The IT Group</p>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: RF-mw06	
Client: USACE Mobile District		Well Coordinates:	
Project No. 774645		N 1175161.46 E 607745.86	
Start Date: 1/18/05	Date Completed: 1/19/05	Prepared By: Kyle Wilson	Reference Point for Measurements: Ground Surface
Well Type: (circle one) Residuum Bedrock Temporary Other _____		NOTES:	

BEFORE ABANDONMENT	AFTER ABANDONMENT:			
WELL CONSTRUCTION SUMMARY	NO YES N/A			
Well No. RF-mw06	Concrete Pad Removed <table border="1" style="display: inline-table;"><tr><td></td><td><input checked="" type="checkbox"/></td><td></td></tr></table>		<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>			
Well Location/Parcel: RIVEOUT FIELD	Protective Posts Removed <table border="1" style="display: inline-table;"><tr><td></td><td><input checked="" type="checkbox"/></td><td></td></tr></table>		<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>			
Total Depth (feet): 83.2 TOC	Outer Casing Removed <table border="1" style="display: inline-table;"><tr><td></td><td><input checked="" type="checkbox"/></td><td></td></tr></table>		<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>			
Drilled By: MILLER DRILLING CO	Flush Mount Removed <table border="1" style="display: inline-table;"><tr><td></td><td></td><td><input checked="" type="checkbox"/></td></tr></table>			<input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/>		
Date Completed: 2002	Disposition of Well Materials: _____			
Ground Elevation: 550.01				
TOC Elevation: 552.16				

DOWNHOLE DEPTHS



CONDUCTOR HOLE DIA 14"	TOP	0
	BOTTOM	24.5
OUTER CASING TYPE CARBON STEEL	TOP	0
I.D. 8 O.D. _____	BOTTOM	24.5
BOREHOLE DIA 8	TOP	24.5
	BOTTOM	83.2
TYPE OF BACKFILL MATERIAL GROUT	TOP	0
	BOTTOM	14.5
WELL CASING TYPE PVC SCH 80	TOP	2.15
I.D. 4 O.D. _____	BOTTOM	63.2
SEAL TYPE BENTONITE	TOP	14.5
RF FILTER SAND	BOTTOM	56
FILTER PACK #1 FILTER SAND	TOP	56
	BOTTOM	83.2
SCREEN TYPE PVC SCH 80	TOP	63.2
I.D. 4" O.D. _____	BOTTOM	83.2
SUMP TYPE ENDCAP	TOP	83.2
I.D. 4" O.D. _____	BOTTOM	83.2



SURFACE COMPLETION:

2'x2'x1' Concrete

DEPTH TO WELL CASING **2'**

ABANDONMENT MATERIAL


TYPE **Cement Grout**

VOLUME USED **7.26 ft³**

Manufacturer: **PORTLAND Type II**

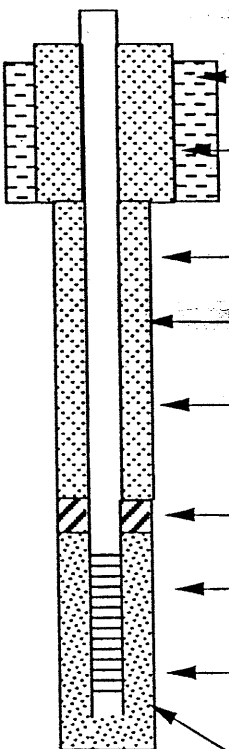
TOTAL DEPTH OF ABANDONMENT MATERIAL **83.2**

Figure AC-1

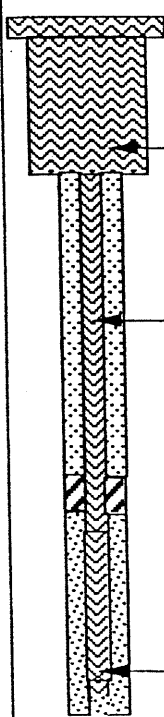
 <p>IT CORPORATION A Member of The IT Group</p>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: RF-MW07	
Client: USACE Mobile District		Well Coordinates:	
Project No. 774645		N 1175173.97 E 607824.7	
Start Date: 11/18/05	Date Completed: 11/19/05	Prepared By: Kyle Wilson	Reference Point for Measurements: Ground Surface
Well Type: (circle one) Residium Bedrock Temporary Other _____		NOTES:	

BEFORE ABANDONMENT	AFTER ABANDONMENT:
WELL CONSTRUCTION SUMMARY	NO YES N/A
Well No. RF-MW07	Concrete Pad Removed <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Well Location/ Parcel: Rideout Field	Protective Posts Removed <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Total Depth (feet): 86.9 TOC	Outer Casing Removed <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Drilled By: Miller Drilling Co.	Flush Mount Removed <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Date Completed: 2002	Disposition of Well Materials: _____
Ground Elevation: 549.79	
TOC Elevation: 551.92	

DOWNHOLE DEPTHS



CONDUCTOR HOLE DIA 14	TOP 0	BOTTOM 29
OUTER CASING TYPE CARBON STEEL I.D. 8 O.D. _____	TOP 0	BOTTOM 29
BOREHOLE DIA 8"	TOP 29	BOTTOM 86.9
TYPE OF BACKFILL MATERIAL Grout	TOP 0	BOTTOM 15
WELL CASING TYPE PVC Sch 80 I.D. 4" O.D. _____	TOP -2.13	BOTTOM 61.9
SEAL TYPE Bentonite	TOP 19	BOTTOM 59
FILTER PACK 1/4" Filter Sand	TOP 59	BOTTOM 86.9
SCREEN TYPE PVC Sch 80 I.D. 4" O.D. _____	TOP 61.9	BOTTOM 86.9
SUMP TYPE Endcap I.D. 4" O.D. _____	TOP 86.9	BOTTOM 86.9



SURFACE COMPLETION:

2'x2'x1' Concrete

DEPTH TO WELL CASING

2'


ABANDONMENT MATERIAL

TYPE **Cement Grout**
VOLUME USED **7.58 ft³**
Manufacturer **Portland Type II**

TOTAL DEPTH OF ABANDONMENT MATERIAL

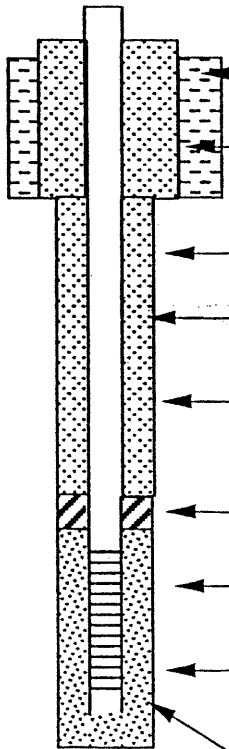
86.9

Figure AC-1

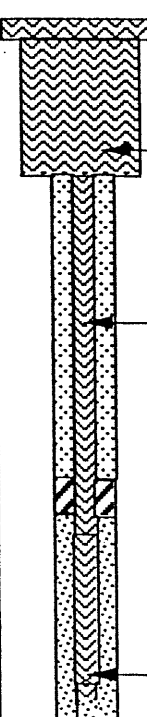
 ITT CORPORATION <small>A Member of The IT Group</small>		Well Abandonment Form	
Project: FTMC South Atlantic Division TERC		Well Number: <u>DB/OD-mw01</u>	
Client: USACE Mobile District		Well Coordinates: <u>UNAVAIL/ASIE</u>	
Project No. <u>774645</u>		N E	
Start Date: <u>1/25/05</u>	Date Completed: <u>1/26/05</u>	Prepared By: <u>Kyle Wilson</u>	Reference Point for Measurements: <u>Ground Surface</u>
Well Type: (circle one) <u>Residuum</u>		NOTES:	
Bedrock <input type="checkbox"/> Temporary <input type="checkbox"/>			
Other _____			

BEFORE ABANDONMENT	AFTER ABANDONMENT:
WELL CONSTRUCTION SUMMARY	NO YES N/A
Well No. <u>DB/OD-mw01</u>	Concrete Pad Removed <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Well Location/ Parcel: <u>OPEN BURN AND OPEN DETONATION</u>	Protective Posts Removed <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Total Depth (feet): <u>32.3 TOC</u>	Outer Casing Removed <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Drilled By: <u>URS</u>	Flush Mount Removed <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Date Completed: <u>NOT AVAILABLE</u>	Disposition of Well Materials: _____
Ground Elevation: <u>557.33</u>	
TOC Elevation: <u>559.02</u>	

DOWNHOLE DEPTHS



CONDUCTOR HOLE DIA <u>NA</u>	TOP <u>NA</u>	BOTTOM <u>NA</u>
OUTER CASING TYPE <u>NA</u>	TOP <u>NA</u>	BOTTOM <u>NA</u>
BOREHOLE DIA <u>8</u>	TOP <u>0</u>	BOTTOM <u>32.3</u>
TYPE OF BACKFILL MATERIAL <u>Grout</u>	TOP <u>0</u>	BOTTOM <u>12.3</u>
WELL CASING TYPE <u>PVC SCH 40</u>	TOP <u>7.69</u>	BOTTOM <u>22.3</u>
SEAL TYPE <u>Bentonite</u>	TOP <u>12.3</u>	BOTTOM <u>17.3</u>
FILTER PACK #1 <u>F. Filter Sand</u>	TOP <u>17.3</u>	BOTTOM <u>32.3</u>
SCREEN TYPE <u>PVC SCH 40</u>	TOP <u>22.3</u>	BOTTOM <u>32.3</u>
SUMP TYPE <u>Endcap</u>	TOP <u>32.3</u>	BOTTOM <u>32.3</u>




SURFACE COMPLETION: 2' x 2' x 1' Concrete

DEPTH TO WELL CASING 2'

ABANDONMENT MATERIAL
 TYPE Cement Grout
 VOLUME USED 0.70 ft³
 Manufacturer Pittman Type II

TOTAL DEPTH OF ABANDONMENT MATERIAL 32.3

Figure AC-1



ITT CORPORATION
A Member of The IT Group

Well Abandonment Form

Project: FTMC South Atlantic Division TERC

Client: USACE Mobile District

Project No. 774645

Start Date: 1/20/05

Well Number: 0810D-MWD2

Well Coordinates: UNAVAILABLE
N E

Prepared By: Kyle Wilson

Reference Point for Measurements: GROUND SURFACE

Well Type: (circle one) Residuum

Bedrock Temporary

Other

NOTES:

BEFORE ABANDONMENT

WELL CONSTRUCTION SUMMARY

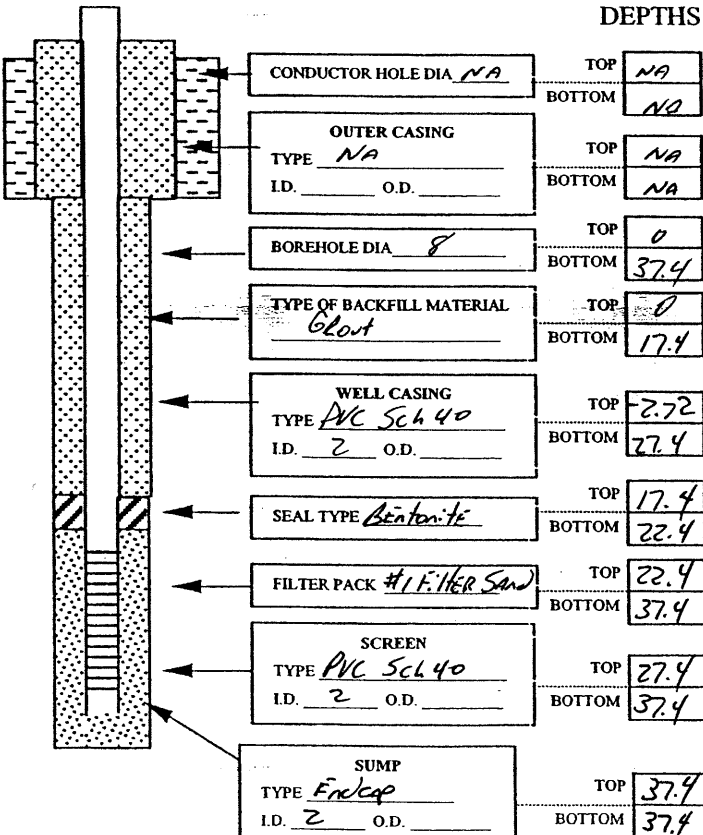
Well No. 0810D-MWD2	Well Location/ Parcel: OPEN BURN AND OPEN DETONATION
Total Depth (feet): 37.4 TOC	Drilled By: VRS
Date Completed: NOT AVAILABLE	Ground Elevation: 562.28
	TOC Elevation: 565.00

AFTER ABANDONMENT:

	NO	YES	N/A
Concrete Pad Removed		✓	
Protective Posts Removed		✓	
Outer Casing Removed		✓	
Flush Mount Removed			✓

Disposition of Well Materials:

DOWNHOLE DEPTHS



CONDUCTOR HOLE DIA NA	TOP NA	BOTTOM NA
OUTER CASING TYPE NA	TOP NA	BOTTOM NA
BOREHOLE DIA 8	TOP 0	BOTTOM 37.4
TYPE OF BACKFILL MATERIAL Grout	TOP 0	BOTTOM 17.4
WELL CASING TYPE PVC SCH 40	TOP -2.72	BOTTOM 27.4
SEAL TYPE Bentonite	TOP 17.4	BOTTOM 22.4
FILTER PACK #1 F. 1/2" SAND	TOP 22.4	BOTTOM 37.4
SCREEN TYPE PVC SCH 40	TOP 27.4	BOTTOM 37.4
SUMP TYPE Endcap	TOP 37.4	BOTTOM 37.4

SURFACE COMPLETION: 2' X 2' X 1' CONCRETE

DEPTH TO WELL CASING 2'

ABANDONMENT MATERIAL


TYPE Cement Grout

VOLUME USED 0.82 cu yds

Manufacturer Portland Type II

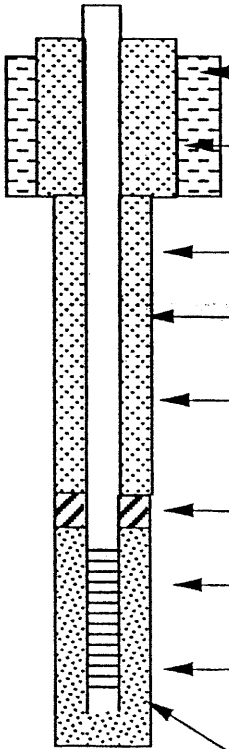
TOTAL DEPTH OF ABANDONMENT MATERIAL 37.4

Figure AC-1

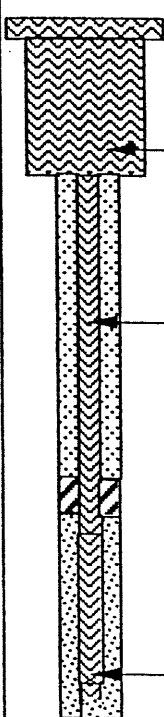
 ITT CORPORATION <small>A Member of The IT Group</small>		Well Abandonment Form	
Project: FTMC South Atlantic Division TERC		Well Number: 0810D-MW03	
Client: USACE Mobile District		Well Coordinates: Unavailable N E	
Project No. 774645		Prepared By: Kyle Wilson Reference Point for Measurements: Ground Surface	
Start Date: 1/19/05	Date Completed: 1/25/05	NOTES:	
Well Type: (circle one) Residuum			
Bedrock Temporary			
Other _____			

BEFORE ABANDONMENT	AFTER ABANDONMENT:																				
WELL CONSTRUCTION SUMMARY																					
Well No. 0810D-MW03 Well Location/ Parcel: Open Run and Open Detonation	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>Concrete Pad Removed</td> <td></td> <td>✓</td> <td></td> </tr> <tr> <td>Protective Posts Removed</td> <td></td> <td>✓</td> <td></td> </tr> <tr> <td>Outer Casing Removed</td> <td></td> <td>✓</td> <td></td> </tr> <tr> <td>Flush Mount Removed</td> <td></td> <td></td> <td>✓</td> </tr> </tbody> </table>		NO	YES	N/A	Concrete Pad Removed		✓		Protective Posts Removed		✓		Outer Casing Removed		✓		Flush Mount Removed			✓
		NO	YES	N/A																	
Concrete Pad Removed			✓																		
Protective Posts Removed			✓																		
Outer Casing Removed		✓																			
Flush Mount Removed			✓																		
Total Depth (feet): 33.3 TOC Drilled By: URS																					
Date Completed: Not Available Ground Elevation: 557.42 TOC Elevation: 560.13																					
Disposition of Well Materials: _____																					

DOWNHOLE DEPTHS



CONDUCTOR HOLE DIA NA		TOP	NA
		BOTTOM	NA
OUTER CASING TYPE NA		TOP	NA
I.D. _____ O.D. _____		BOTTOM	NA
BOREHOLE DIA 8		TOP	0
		BOTTOM	33.3
TYPE OF BACKFILL MATERIAL Grout		TOP	0
		BOTTOM	13.3
WELL CASING TYPE PVC Sch 40		TOP	-2.71
I.D. 2 O.D. _____		BOTTOM	23.3
SEAL TYPE Bentonite		TOP	13.3
		BOTTOM	18.3
FILTER PACK #1 Filter Sand		TOP	18.3
		BOTTOM	33.3
SCREEN TYPE PVC Sch 40		TOP	23.3
I.D. 2 O.D. _____		BOTTOM	33.3
SUMP TYPE Endcap		TOP	33.3
I.D. 2 O.D. _____		BOTTOM	33.3




SURFACE COMPLETION:
 2' x 2' x 1' Concrete

DEPTH TO WELL CASING 2'

ABANDONMENT MATERIAL
 TYPE Cement Grout
 VOLUME USED 0.73 ft³
 Manufacturer Portland Type II

TOTAL DEPTH OF ABANDONMENT MATERIAL 33.3


Figure AC-1

 IT CORPORATION <small>A Member of The IT Group</small>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: <u>08/00-mw04</u>	
Client: USACE Mobile District		Well Coordinates: <u>UNAVAILABLE</u>	
Project No. <u>774645</u>		N <u> </u> E <u> </u>	
Start Date: <u>1/19/05</u>	Date Completed: <u>1/25/05</u>	Prepared By: <u>Kyle Wilson</u>	Reference Point for Measurements: <u>GROUND SURFACE</u>
Well Type: (circle one) <u>Residuum</u>		NOTES:	
Bedrock <u> </u> Temporary <u> </u>			
Other <u> </u>			

BEFORE ABANDONMENT	AFTER ABANDONMENT:			
WELL CONSTRUCTION SUMMARY	NO YES N/A			
Well No. <u>08/00-mw04</u>	Concrete Pad Removed <table border="1" style="display: inline-table;"><tr><td></td><td style="text-align: center;">✓</td><td></td></tr></table>		✓	
	✓			
Well Location/ Parcel: <u>OPEN Burn AND OPEN Detonation</u>	Protective Posts Removed <table border="1" style="display: inline-table;"><tr><td></td><td style="text-align: center;">✓</td><td></td></tr></table>		✓	
	✓			
Total Depth (feet): <u>33.2 TOC</u>	Outer Casing Removed <table border="1" style="display: inline-table;"><tr><td></td><td style="text-align: center;">✓</td><td></td></tr></table>		✓	
	✓			
Drilled By: <u>URS</u>	Flush Mount Removed <table border="1" style="display: inline-table;"><tr><td></td><td></td><td style="text-align: center;">✓</td></tr></table>			✓
		✓		
Date Completed: <u>NOT AVAILABLE</u>	Disposition of Well Materials: <u> </u>			
Ground Elevation: <u>559.77</u>				
TOC Elevation: <u>562.50</u>				

DOWNHOLE DEPTHS

CONDUCTOR HOLE DIA <u>NA</u>	TOP <u>NA</u>	BOTTOM <u>NA</u>
OUTER CASING TYPE <u>NA</u>	TOP <u>NA</u>	BOTTOM <u>NA</u>
BOREHOLE DIA <u>8</u>	TOP <u>0</u>	BOTTOM <u>33.2</u>
TYPE OF BACKFILL MATERIAL <u>GROUT</u>	TOP <u>0</u>	BOTTOM <u>13.2</u>
WELL CASING TYPE <u>PVC Sch 40</u>	TOP <u>2.73</u>	BOTTOM <u>23.2</u>
SEAL TYPE <u>Antonite</u>	TOP <u>13.2</u>	BOTTOM <u>18.2</u>
FILTER PACK #1 <u>FILTER SAND</u>	TOP <u>18.2</u>	BOTTOM <u>33.2</u>
SCREEN TYPE <u>PVC Sch 40</u>	TOP <u>23.2</u>	BOTTOM <u>33.2</u>
SUMP TYPE <u>Endcap</u>	TOP <u>33.2</u>	BOTTOM <u>33.2</u>




SURFACE COMPLETION:
2'x2'x1' Concrete

DEPTH TO WELL CASING: 2'

ABANDONMENT MATERIAL
 TYPE Cement Grout
 VOLUME USED 0.72 ft³
 Manufacturer Portland Type II

TOTAL DEPTH OF ABANDONMENT MATERIAL: 33.2

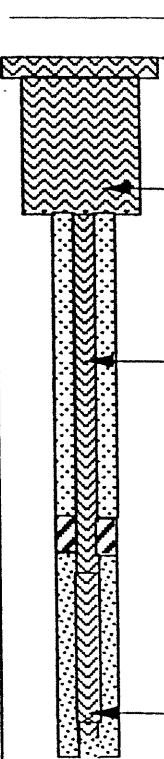
Figure AC-1

 ITT CORPORATION <small>A Member of The IT Group</small>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: <u>0810D-MW05</u>	
Client: USACE Mobile District		Well Coordinates: <u>UNAVAILABLE</u>	
Project No. <u>774645</u>		N E	
Start Date: <u>1/19/05</u>	Date Completed: <u>1/25/05</u>	Prepared By: <u>Kyle Wilson</u>	Reference Point for Measurements: <u>Ground Surface</u>
Well Type: (circle one) <u>Residuum</u>		NOTES:	
Bedrock <input type="checkbox"/> Temporary <input type="checkbox"/>			
Other _____			

BEFORE ABANDONMENT		AFTER ABANDONMENT:	
WELL CONSTRUCTION SUMMARY		NO YES N/A	
Well No. <u>0810D-MW05</u>	Well Location/ Parcel: <u>OPEN Burn AND OPEN Deformation</u>	Concrete Pad Removed	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Total Depth (feet): <u>29.9 TOC</u>	Drilled By: <u>URS</u>	Protective Posts Removed	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Date Completed: <u>Not AVAILABLE</u>	Ground Elevation: <u>558.76</u>	Outer Casing Removed	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
	TOC Elevation: <u>561.64</u>	Flush Mount Removed	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Disposition of Well Materials: _____			

DOWNHOLE DEPTHS

CONDUCTOR HOLE DIA <u>NA</u>	TOP <u>NA</u>	BOTTOM <u>NA</u>
OUTER CASING TYPE <u>NA</u>	TOP <u>NA</u>	BOTTOM <u>NA</u>
BOREHOLE DIA <u>8</u>	TOP <u>0</u>	BOTTOM <u>29.9</u>
TYPE OF BACKFILL MATERIAL <u>Grout</u>	TOP <u>0</u>	BOTTOM <u>11.9</u>
WELL CASING TYPE <u>PVC Sch 40</u>	TOP <u>-2.88</u>	BOTTOM <u>19.9</u>
SEAL TYPE <u>Bentonite</u>	TOP <u>11.9</u>	BOTTOM <u>14.9</u>
FILTER PACK #1 Filter Sand	TOP <u>14.9</u>	BOTTOM <u>29.9</u>
SCREEN TYPE <u>PVC Sch 40</u>	TOP <u>19.9</u>	BOTTOM <u>29.9</u>
SUMP TYPE <u>End Cap</u>	TOP <u>29.9</u>	BOTTOM <u>29.9</u>



SURFACE COMPLETION:
2'x2'x1' Concrete

DEPTH TO WELL CASING 2'

ABANDONMENT MATERIAL
 TYPE Cement Grout
 VOLUME USED 0.65 ft³
 Manufacturer Portland Type II

TOTAL DEPTH OF ABANDONMENT MATERIAL 29.9'

Figure AC-1


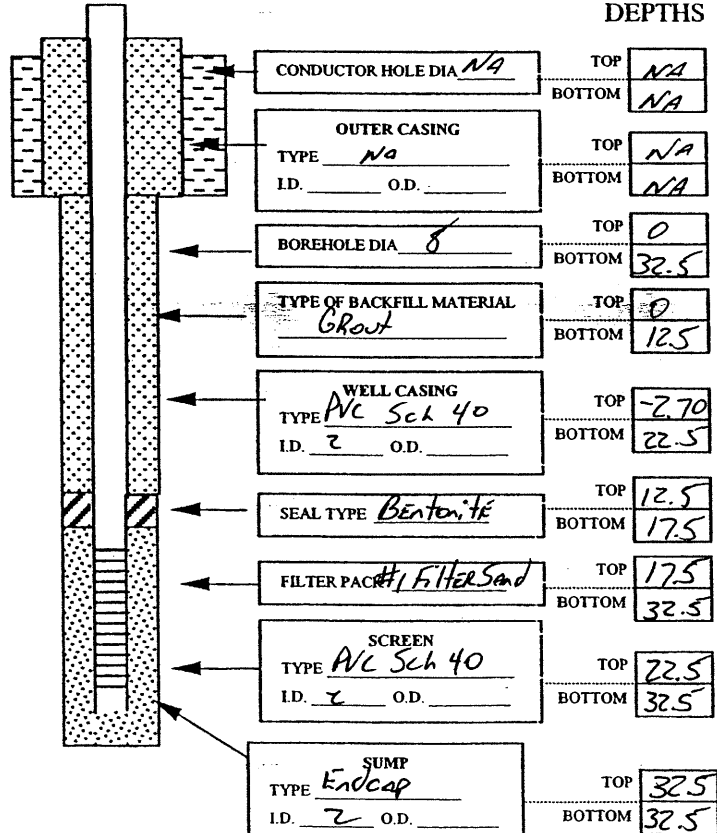
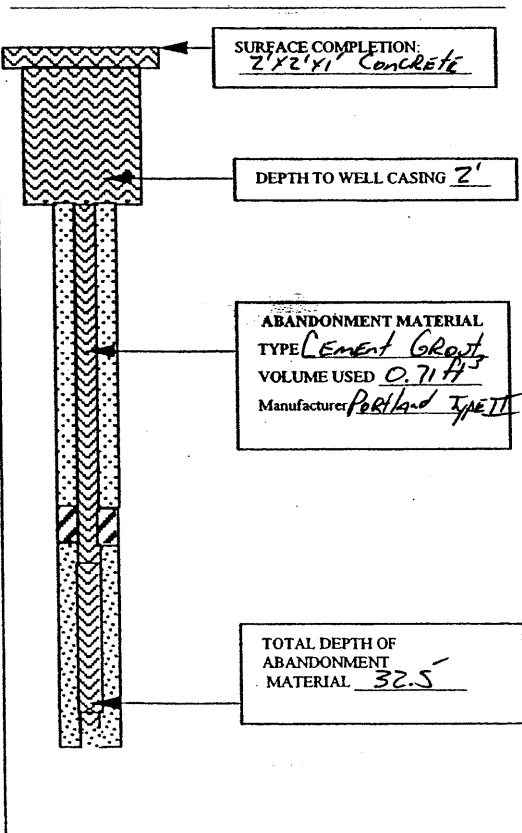

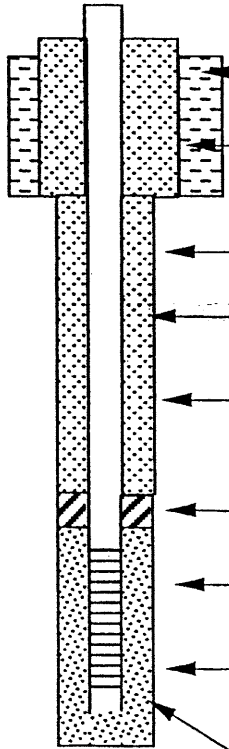
 ITT CORPORATION <small>A Member of The IT Group</small>		Well Abandonment Form																					
Project: FTMC South Atlantic Division TERC		Well Number: 08/00-mw06																					
Client: USACE Mobile District		Well Coordinates: UNAVAILABLE																					
Project No. 774645		N E																					
Start Date: 1/20/05	Date Completed: 1/25/05	Prepared By: Kyle Wilson	Reference Point for Measurements: GROUND SURFACE																				
Well Type: (circle one) Residuum		NOTES:																					
Bedrock Temporary																							
Other _____																							
BEFORE ABANDONMENT		AFTER ABANDONMENT:																					
WELL CONSTRUCTION SUMMARY		<table border="1" style="display: inline-table; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">NO</th> <th style="text-align: center;">YES</th> <th style="text-align: center;">N/A</th> </tr> </thead> <tbody> <tr> <td>Concrete Pad Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Protective Posts Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Outer Casing Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Flush Mount Removed</td> <td></td> <td></td> <td style="text-align: center;">✓</td> </tr> </tbody> </table>			NO	YES	N/A	Concrete Pad Removed		✓		Protective Posts Removed		✓		Outer Casing Removed		✓		Flush Mount Removed			✓
	NO	YES	N/A																				
Concrete Pad Removed		✓																					
Protective Posts Removed		✓																					
Outer Casing Removed		✓																					
Flush Mount Removed			✓																				
Well No. 08/00-mw06	Well Location/ Parcel: OPEN BURN AND OPEN DETONATION																						
Total Depth (feet): 32.5 TOC	Drilled By: URS																						
Date Completed: NOT AVAILABLE	Ground Elevation: 560.71	Disposition of Well Materials: _____																					
	TOC Elevation: 563.41																						
DOWNHOLE DEPTHS																							
 <p>CONDUCTOR HOLE DIA NA TOP NA BOTTOM NA</p> <p>OUTER CASING TYPE NA TOP NA BOTTOM NA</p> <p>BOREHOLE DIA 8 TOP 0 BOTTOM 32.5</p> <p>TYPE OF BACKFILL MATERIAL Grout TOP 0 BOTTOM 12.5</p> <p>WELL CASING TYPE PVC Sch 40 TOP -2.70 BOTTOM 22.5</p> <p>SEAL TYPE Bentonite TOP 12.5 BOTTOM 17.5</p> <p>FILTER PACK 1/2" Filter Sand TOP 17.5 BOTTOM 32.5</p> <p>SCREEN TYPE PVC Sch 40 TOP 22.5 BOTTOM 32.5</p> <p>SUMP TYPE Endcap TOP 32.5 BOTTOM 32.5</p>		 <p>SURFACE COMPLETION: 2'x2'x1' Concrete</p> <p>DEPTH TO WELL CASING 2'</p> <p>ABANDONMENT MATERIAL TYPE Cement Grout VOLUME USED 0.7145 Manufacturer Portland Type II</p> <p>TOTAL DEPTH OF ABANDONMENT MATERIAL 32.5</p>																					

Figure AC-1

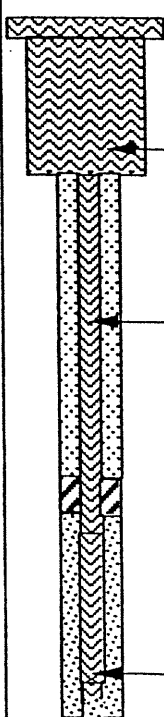
 ITT CORPORATION <small>A Member of The IT Group</small>		<h2 style="margin: 0;">Well Abandonment Form</h2>	
Project: FTMC South Atlantic Division TERC		Well Number: 08/00-MW07	
Client: USACE Mobile District		Well Coordinates: UNAVAILABLE	
Project No. 774645		N E	
Start Date: 1/20/05	Date Completed: 1/25/05	Prepared By: Kyle Wilson	Reference Point for Measurements: Ground Surface
Well Type: (circle one) Residuum		NOTES:	
Bedrock Temporary			
Other _____			

BEFORE ABANDONMENT	AFTER ABANDONMENT:																				
WELL CONSTRUCTION SUMMARY																					
Well No. 08/00-MW07	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>Concrete Pad Removed</td> <td></td> <td>✓</td> <td></td> </tr> <tr> <td>Protective Posts Removed</td> <td></td> <td>✓</td> <td></td> </tr> <tr> <td>Outer Casing Removed</td> <td></td> <td>✓</td> <td></td> </tr> <tr> <td>Flush Mount Removed</td> <td></td> <td></td> <td>✓</td> </tr> </tbody> </table>		NO	YES	N/A	Concrete Pad Removed		✓		Protective Posts Removed		✓		Outer Casing Removed		✓		Flush Mount Removed			✓
		NO	YES	N/A																	
Concrete Pad Removed			✓																		
Protective Posts Removed		✓																			
Outer Casing Removed		✓																			
Flush Mount Removed			✓																		
Well Location/ Parcel: Open Burn and Open Detonation																					
Total Depth (feet): 40.6 TOC	Disposition of Well Materials: _____																				
Drilled By: URS																					
Date Completed: Not Available																					
Ground Elevation: 556.72																					
TOC Elevation: 559.22																					

DOWNHOLE DEPTHS



CONDUCTOR HOLE DIA NA	TOP NA	BOTTOM NA
OUTER CASING TYPE NA	TOP NA	BOTTOM NA
BOREHOLE DIA 8	TOP 0	BOTTOM 40.6
TYPE OF BACKFILL MATERIAL Grout	TOP 0	BOTTOM 21.6
WELL CASING TYPE PVC Sch 40	TOP 2.50	BOTTOM 30.6
SEAL TYPE Peatelite	TOP 21.6	BOTTOM 25.6
FILTER PACK Filter Sand	TOP 25.6	BOTTOM 40.6
SCREEN TYPE PVC Sch 40	TOP 30.6	BOTTOM 40.6
SUMP TYPE Endcap	TOP 40.6	BOTTOM 40.6



SURFACE COMPLETION:
2' x 2' x 1' Concrete

DEPTH TO WELL CASING **2'**

ABANDONMENT MATERIAL
 TYPE **Cement Grout**
 VOLUME USED **0.85 ft³**
 Manufacturer **Portland Type II**

TOTAL DEPTH OF ABANDONMENT MATERIAL **40.6**

Figure AC-1


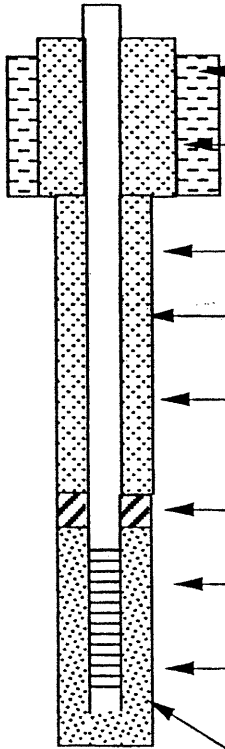
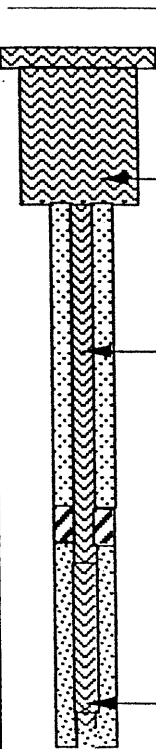
 ITT CORPORATION <small>A Member of The IT Group</small>		Well Abandonment Form																					
Project: FTMC South Atlantic Division TERC		Well Number: <u>OB/OD-mw08</u>																					
Client: USACE Mobile District		Well Coordinates: <u>UNAVAILABLE</u>																					
Project No. <u>774645</u>		N E																					
Start Date: <u>1/20/05</u>	Date Completed: <u>1/25/05</u>	Prepared By: <u>Kyle Wilson</u>	Reference Point for Measurements: <u>Ground Surface</u>																				
Well Type: (circle one) <u>Residuum</u>		NOTES:																					
Bedrock <input type="checkbox"/> Temporary <input type="checkbox"/>																							
Other _____																							
BEFORE ABANDONMENT		AFTER ABANDONMENT:																					
WELL CONSTRUCTION SUMMARY		<table border="1" style="display: inline-table; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">NO</th> <th style="text-align: center;">YES</th> <th style="text-align: center;">N/A</th> </tr> </thead> <tbody> <tr> <td>Concrete Pad Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Protective Posts Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Outer Casing Removed</td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> <tr> <td>Flush Mount Removed</td> <td></td> <td></td> <td style="text-align: center;">✓</td> </tr> </tbody> </table>			NO	YES	N/A	Concrete Pad Removed		✓		Protective Posts Removed		✓		Outer Casing Removed		✓		Flush Mount Removed			✓
	NO	YES	N/A																				
Concrete Pad Removed		✓																					
Protective Posts Removed		✓																					
Outer Casing Removed		✓																					
Flush Mount Removed			✓																				
Well No. <u>OB/OD-mw08</u>	Well Location/ Parcel: <u>OPEN BURN and OPEN Detonation</u>	Disposition of Well Materials: _____																					
Total Depth (feet): <u>30.2 TOC</u>	Drilled By: <u>URS</u>																						
Date Completed: <u>Not Available</u>	Ground Elevation: <u>549.63</u> TOC Elevation: <u>551.95</u>																						
DOWNHOLE DEPTHS		SURFACE COMPLETION: <u>2'x2'x1' concrete</u>																					
	CONDUCTOR HOLE DIA <u>NA</u>	TOP <u>NA</u>		DEPTH TO WELL CASING <u>2'</u>																			
	OUTER CASING TYPE <u>NA</u>	TOP <u>NA</u>			ABANDONMENT MATERIAL TYPE <u>Cement Grout</u> VOLUME USED <u>2166 ft³</u> Manufactured <u>Portland Type II</u>																		
	ID. _____ O.D. _____	BOTTOM <u>NA</u>																					
	BOREHOLE DIA <u>8</u>	TOP <u>0</u>																					
	TYPE OF BACKFILL MATERIAL <u>Grout</u>	BOTTOM <u>30.2</u>																					
	TOP <u>0</u>	TOTAL DEPTH OF ABANDONMENT MATERIAL <u>30.2'</u>																					
	WELL CASING TYPE <u>PVC Sch 40</u>					BOTTOM <u>10.2</u>																	
	ID. <u>2</u> O.D. _____					TOP <u>-2.32</u>																	
	SEAL TYPE <u>Dentonite</u>					BOTTOM <u>70.2</u>																	
	TOP <u>10.2</u>																						
FILTER PACK <u>Filter Sand</u>	BOTTOM <u>15.2</u>																						
TOP <u>15.2</u>																							
SCREEN TYPE <u>PVC Sch 40</u>	BOTTOM <u>30.2</u>																						
ID. <u>2</u> O.D. _____	TOP <u>20.2</u>																						
SUMP TYPE <u>ENDCAP</u>	BOTTOM <u>30.2</u>																						
ID. <u>2</u> O.D. _____	TOP <u>30.2</u>																						

Figure AC-1

Well Abandonment Form

Project: FTMC South Atlantic Division TERC	
Client: USACE Mobile District	
Project No. 774645	
Start Date: 1/20/05	Date Completed: 1/25/05
Well Type: (circle one) <u>Residuum</u>	
Bedrock Temporary	
Other	

Well Number: 06/0D-MW09	
Well Coordinates: UNAVAILABLE	
N	E
Prepared By: Kyle Wilson	Reference Point for Measurements: Ground Surface
NOTES:	

BEFORE ABANDONMENT	
WELL CONSTRUCTION SUMMARY	
Well No. 06/0D-MW09	Well Location/ Parcel: OPEN Detonation And OPEN Burn
Total Depth (feet): 32.8 TOC	Drilled By: URS
Date Completed: Not Available	Ground Elevation: 550.63
	TOC Elevation: 553.19

AFTER ABANDONMENT:	
	NO YES N/A
Concrete Pad Removed	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Protective Posts Removed	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Outer Casing Removed	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Flush Mount Removed	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Disposition of Well Materials:	

DOWNHOLE DEPTHS

	CONDUCTOR HOLE DIA. NA	TOP NA
		BOTTOM NA
	OUTER CASING	
	TYPE NA	TOP NA
	I.D. O.D.	BOTTOM NA
	BOREHOLE DIA. 8	TOP 0
		BOTTOM 32.8
	TYPE OF BACKFILL MATERIAL Grout	TOP 0
		BOTTOM 12.8
	WELL CASING	
	TYPE PVC Sch 40	TOP 2.56
	I.D. 2 O.D.	BOTTOM 22.8
	SEAL TYPE Bentonite	TOP 12.8
		BOTTOM 17.8
FILTER PACK #1 Filter Sand	TOP 17.8	
	BOTTOM 32.8	
SCREEN		
TYPE PVC Sch 40	TOP 22.8	
I.D. 2 O.D.	BOTTOM 32.8	
SUMP		
TYPE PVC Sch 40	TOP 32.8	
I.D. 2 O.D.	BOTTOM 32.8	

	SURFACE COMPLETION: 2' x 2' x 1' Concrete
	DEPTH TO WELL CASING 2'
	ABANDONMENT MATERIAL TYPE Cement Grout VOLUME USED 0.72 ft ³ Manufacturer Portland Type I
	TOTAL DEPTH OF ABANDONMENT MATERIAL 32.8'