

NORTH CAROLINA
ENVIRONMENTAL MANAGEMENT COMMISSION
DEPARTMENT OF ENVIRONMENT, HEALTH, & NATURAL RESOURCES
APPLICATION FOR PERMIT TO CONSTRUCT A MONITORING WELL

RECEIVED
N.C. Dept. of ENR
SYSTEM 1992

Date: 7-29, 19 92 County Guilford

Winston-Salem
Regional Office

In accordance with the provisions of Article 7, Chapter 87, General Statutes of North Carolina and regulations pursuant thereto, application is hereby made for a permit to monitoring wells.

- Name of Applicant: Delta Environmental Consultants, Inc. (Telephone: 704-541-9890)
Applicant's Mailing Address: 6701 Carmel Road, Suite 200, Charlotte, NC 28226
- Name of Property Owner (if different from applicant): Exxon Company, USA
Owner's Mailing Address: P. O. Box 4386, Houston, TX 77210
- Contact Person: Frank Medlin (Telephone: 704-529-4263)
- Location of Property: 4701 W. Market St., Greensboro, NC (RAS#4-3998)
- Reason for Monitoring Well(s): Environmental Assessment
(ex: nondischarge permit requirements, suspected contamination, environmental assessment, etc.)
- Type of facility or site for which the monitoring well(s) is needed: Service Station-Underground Storage Tanks
(ex: nondischarge facility, waste disposal site, landfill, underground storage tank, etc.)
- Type of contamination being monitored (if applicable): N/A
(ex: nutrients, organics, heavy metals, etc.)
- Are any existing recovery wells associated with the monitoring well(s)? None If yes, how many? _____
Recovery Well Construction Permit No. _____
- Distance to a known waste or pollution source: N/A feet
- Are any water supply wells located less than 500 feet from the proposed monitoring wells? NO
If yes, give distance: _____ feet
- Well Driller: Performance Design Systems
- Registration #: 1337
- Driller's Address: P. O. Box 16413, Charlotte, NC 28221

ASSIGNED TO Ryan / Sabara
DUE DATE 8/21/92

PROPOSED MONITORING WELL CONSTRUCTION INFORMATION

- Total Number of Wells to be constructed: 6 ; (A) Number to be completed in bedrock? 1
(B) Number to be completed in unconsolidated material? 5
- Estimated depth of well(s): 40-70 feet
- Gravel or sand pack interval (if appropriate)
From 23 feet To 40 feet
or 63 70
- Type of casing used: PVC
(ex: PVC, stainless steel, galvanized steel, etc.)
- Diameter of casing: 2 inches

FOR OFFICE USE ONLY

___ PERMITTED ACTIVITY
___ U.S.T. LEAK DETECTION
___ GROUNDWATER QUALITY STANDARDS VIOLATIONS SUSPECTED FROM UNPERMITTED ACTIVITIES
___ NOTICE OF NON-COMPLIANCE AT UNPERMITTED FACILITIES
PERMIT NO. _____ ISSUED _____ 19 _____
INCIDENT # _____

6. Thickness of casing: SCH 40 inches
7. How will the well(s) be secured? Flush mount manhole w/locking cap
8. Estimated beginning construction date: ¹⁰8-5-92
9. Estimated completion date: ¹¹8-7-92

ADDITIONAL INFORMATION

1. ATTACH A SITE MAP SHOWING THE LOCATIONS OF THE FOLLOWING:
- 1 - PROPOSED MONITORING WELL(S)
 - 2 - ALL EXISTING MONITORING AND RECOVERY WELLS OR TEST BORINGS WITH THE PROPERTY BOUNDARY
 - 3 - ALL WATER SUPPLY WELLS WITHIN 500 FEET OF THE WASTE SOURCES
 - 4 - AT LEAST TWO REFERENCE POINTS (NUMBERED ROADS, INTERSECTIONS, STREAMS, ETC.)
2. PROVIDE A WELL CONSTRUCTION DIAGRAM OF EACH WELL SHOWING DIAMETER, ESTIMATED DEPTH, SCREEN INTERVALS, SAND/GRAVEL PACKS, TYPE OF CASING MATERIAL, CASING WALL THICKNESS, WELL HEAD COMPLETION DETAILS, ETC.)

The Applicant hereby agrees the proposed well(s) will be constructed in accordance with approved specifications and conditions of the Well Construction Permit as regulated under the Well Construction Standards (Title 15A North Carolina Administrative Code, Subchapter 2C) and accepts full responsibility for compliance with these rules.



Signature of Applicant or Agent

Geologist

Title (if applicable)

If the property is owned by someone other than the applicant, the property owner hereby consents to allow the applicant to construct monitoring wells as outlined in this application and that it shall be the responsibility of the applicant to ensure that these monitoring wells conform to the Well Construction Standards (Title 15A North Carolina Administrative Code, Subchapter 2C).

 8/3/92

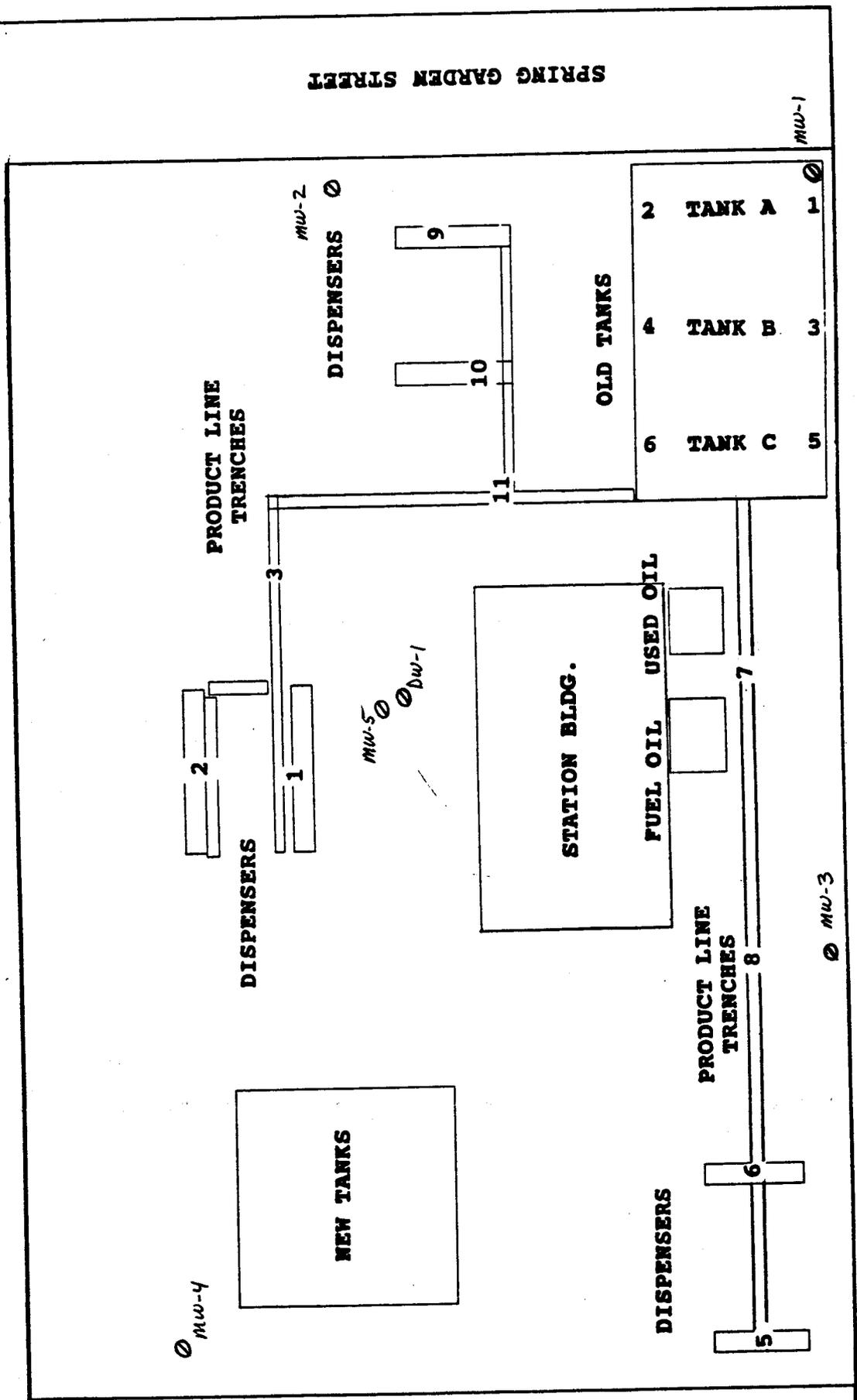
Signature of Property Owner (if different from applicant)



SITE BASE MAP EXXON RAS #4-3998, GREENSBORO, NC.

WEST MARKET STREET

HANLEY AVENUE

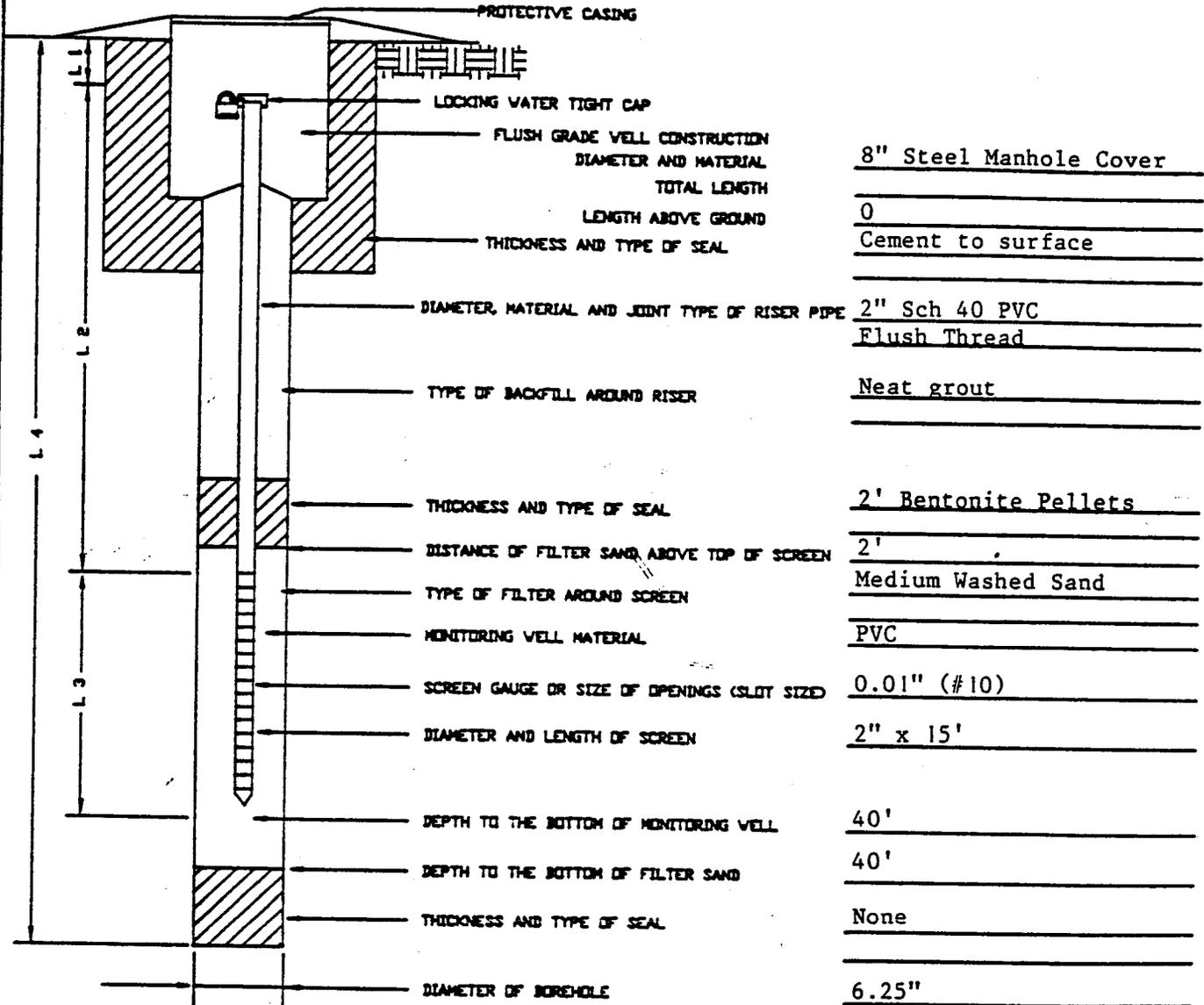


○ - PROPOSED MONITORING WELL LOCATION

PROPOSED FLUSH GRADE MONITORING WELL CONSTRUCTION DETAILS

PROJECT Exxon, USA

DELTA NO. 50-92-037.01



L1 = 0.5 FT.
 L2 = 24.5 FT.
 L3 = 15 FT.
 L4 = 40 FT.



Delta
Environmental
Consultants, Inc.

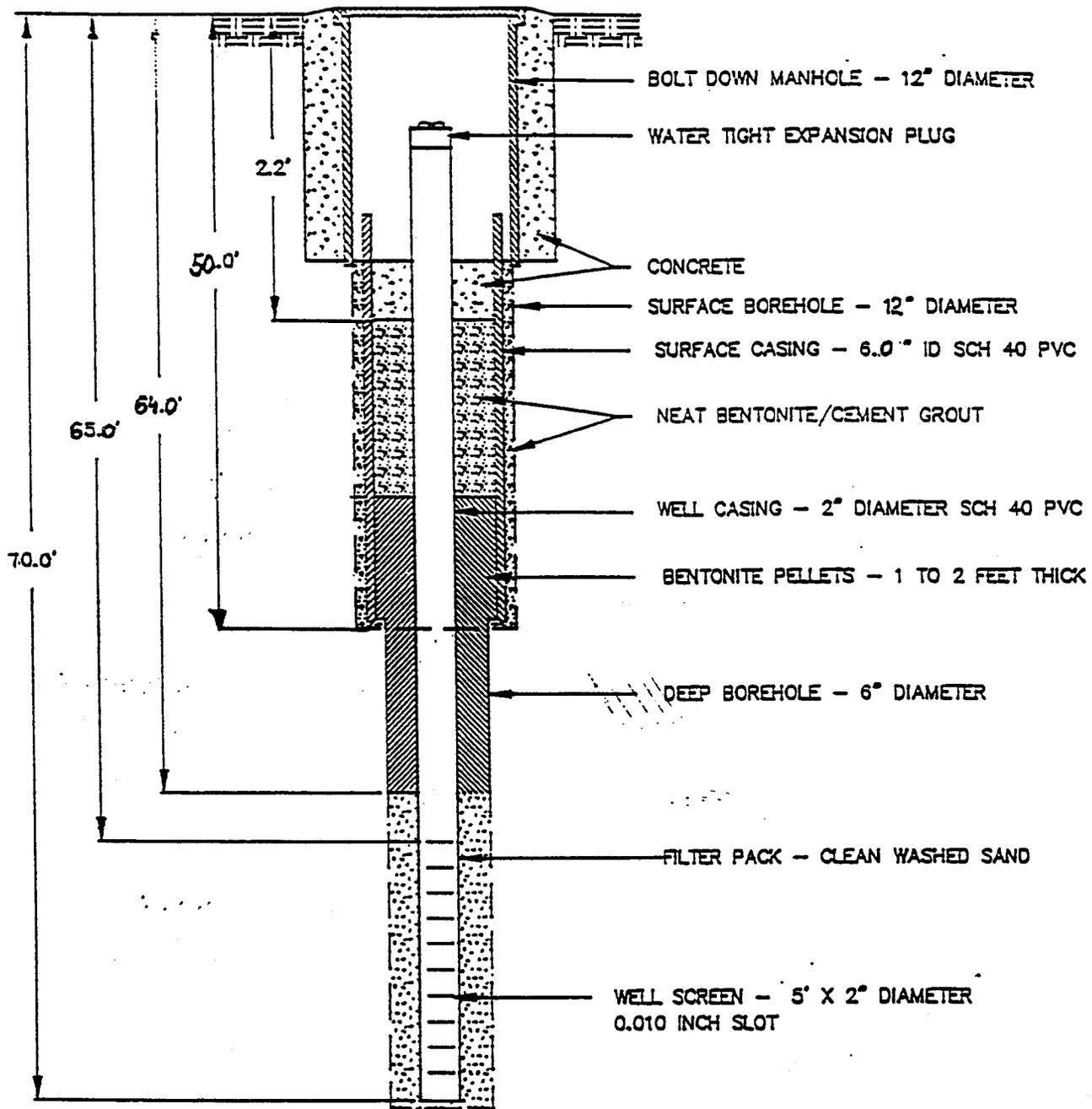


FIGURE
INSTALLED DETAIL MONITORING WELL

NOTE: DRAWING NOT TO SCALE

PROJECT NO 50-92-037.01		DRAWN BY C.B.G.	
DATE 7-29-92	CAD NO. 027-IDMW	REVIEW BY	



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Consultants, Inc.