

HARNETT DEPARTMENT OF PUBLIC HEALTH PERMIT
TO CONSTRUCT A DRINKING WATER SUPPLY WELL

PIN #: 0594-18-1224-000 Parcel #: 02-0594-0102-01 Application #: 12-5-28652 Subdivision: _____ Lot #: _____

Account Name: Alex & Heather Dorman
Address: 4000 N.C. HWY 82 Dunn N.C. 28334

Type of Facility Served by Well: SFD

Sewage System: 25% Reduction System

Permit Conditions: _____

General Permit Conditions:

- Drinking water supply well construction must meet 15A NCAC 02C.100 rules
- The permitted drinking water supply well shall be located in accordance with the **SITE PLAN**
- **ANY ALTERATION** of the site of the site (including location of structures and appurtenance) or modification in use of the well, may subject this Permit to revocation

Authorized State Agent James E. Markant Date 4-10-12

Grouting Inspection Witnessed _____ Date _____
 Grouting self-certified by driller GW-1 provided? Yes No

See attachment for construction sketch

WELL CERTIFICATE OF COMPLETION

Date: 6-12-12 Application #: 28652 Well Contractor: Jackson

Contract Name: Dorman
Address: _____
Directions to Site: _____

Use of Well: _____ Date Drilled: _____ Total Depth: _____ Replacement Well? Yes No
Static Water Level: _____ Top of Casing is _____ in. above surface Yield: _____ gpm at _____ ft.
Disinfection: Type _____ Amount _____

| <u>Water Zone (depth)</u> | <u>Casing</u> | <u>Grout</u> |
|---------------------------|--|-------------------------------|
| From _____ To _____ | From _____ To _____ | From 0 To _____ |
| From _____ To _____ | Diameter: _____ Material: _____ Thickness: _____ | Material: _____ Method: _____ |
| From _____ To _____ | From _____ To _____ | From _____ To _____ |
| | Diameter: _____ Material: _____ Thickness: _____ | Material: _____ Method: _____ |
| | From _____ To _____ | From _____ To _____ |
| | Diameter: _____ Material: _____ Thickness: _____ | Material: _____ Method: _____ |

Inspector: _____ On Hold Date: _____ Release Date: _____

Remarks: _____

Well Head Information

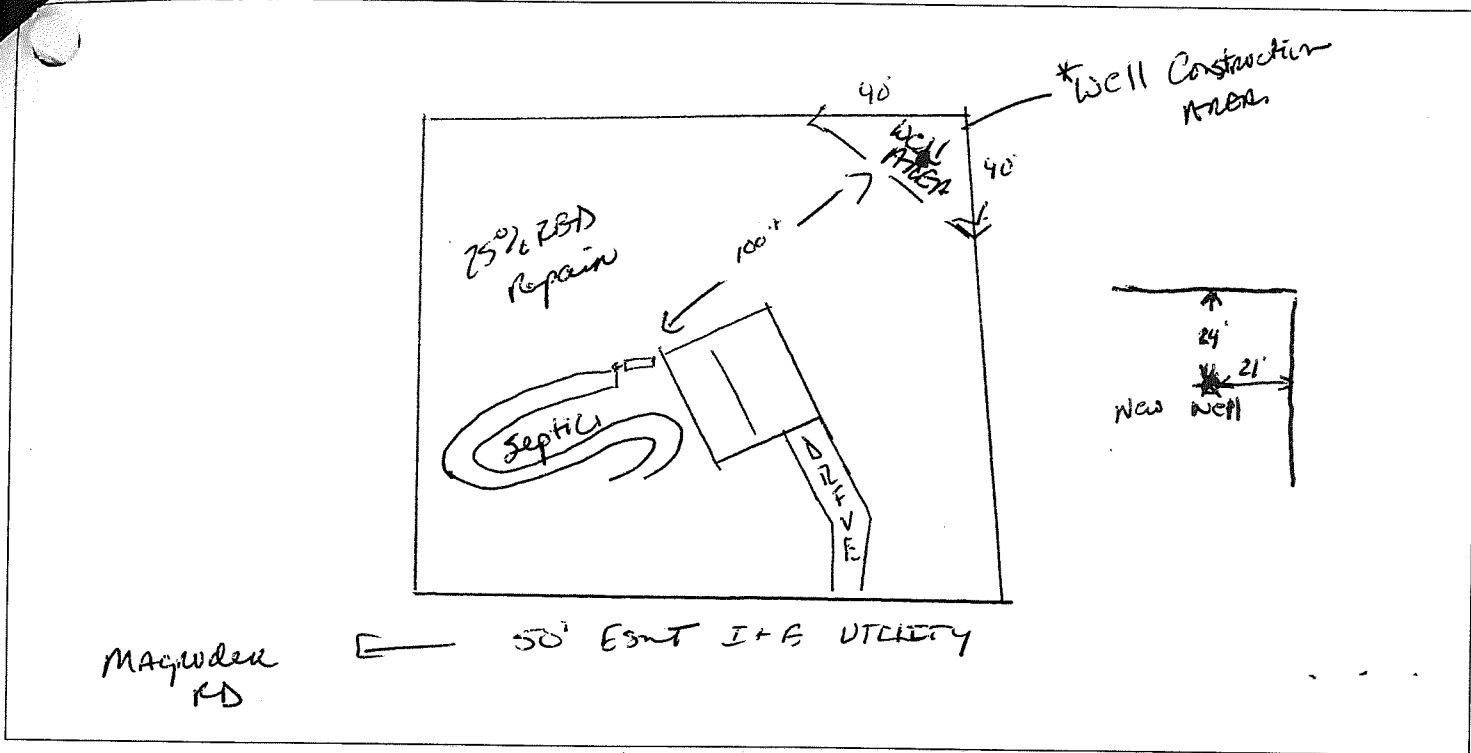
Casing Height: 12 (above finished grade) Access Port: / Vent Stack: /
Well ID Tag: / Pump ID Tag: _____ Sampling Tap: / Backflow Preventer: /
Sample Taken? Yes No Well Head properly sealed: /

Remarks: _____

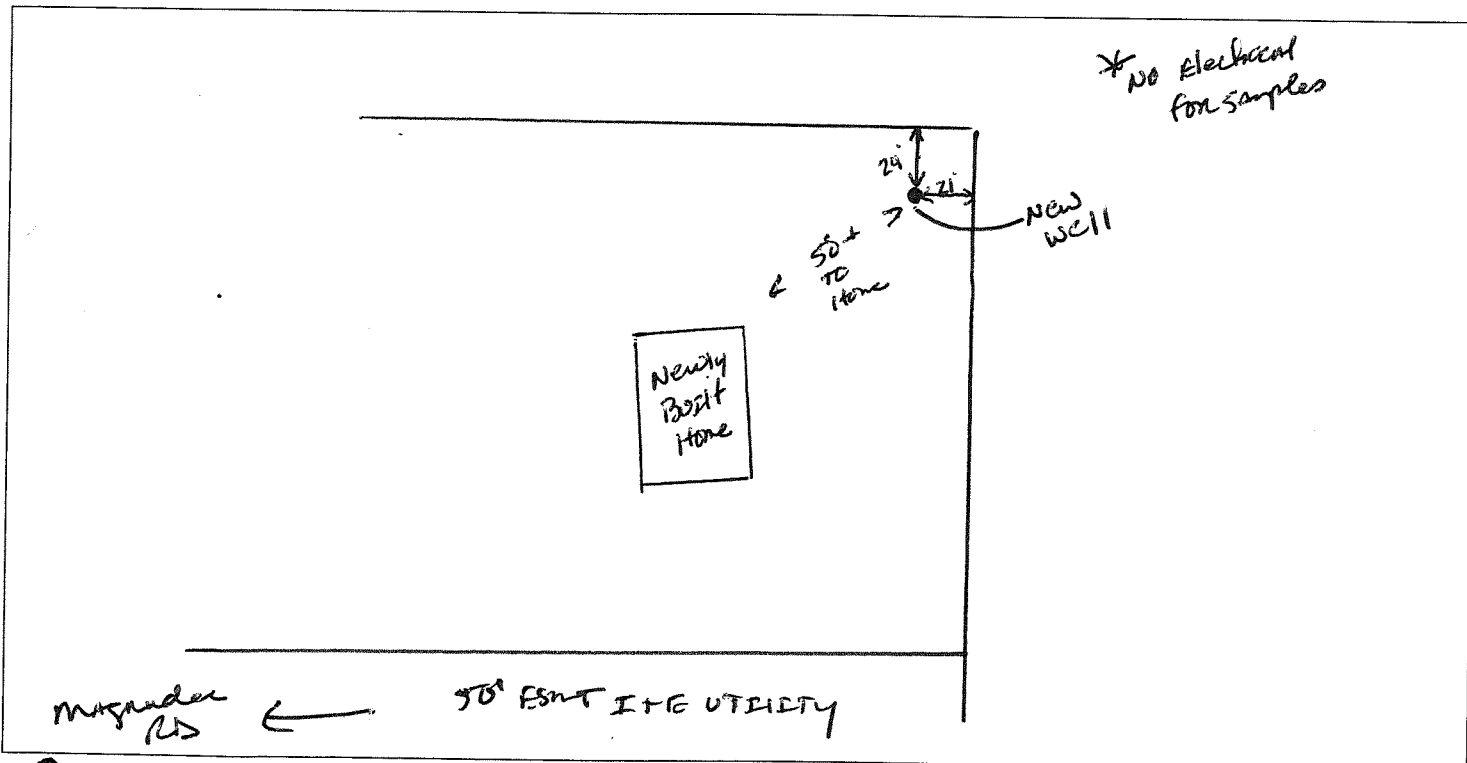
Authorized State Agent James E. Markant Date 6-12-12

See Attachment for completion sketch

Construction Sketch



Completion Sketch





RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources - Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2179

1. WELL CONTRACTOR:

Roger W. Jackson
 Well Contractor (Individual) Name
Jackson Well Company
 Well Contractor Company Name
5800 McDougald Road
 Address
Lillington, North Carolina 27546
 City or Town State Zip Code
910-893-2377
 Area code- Phone number

2. WELL INFORMATION:

SITE WELL ID # _____
STATE WELL PERMIT # _____
USED or OTHER PERMIT # _____
WELL USE (Check Applicable Box): Residential Water Supply
DATE DRILLED 5-18-12
WELL COMPLETE 11:30 AM

3. WELL LOCATION:

CITY Dunn **COUNTY** Warren
4000 NC Hwy 82 Dunn NC 28334
 (Street Name, Address, Community, Subdiv, Lot No., Parcel, Zip Code)

TOPOGRAPHIC/LAND SETTING:

Change **ENE** **Other**
 (Mark appropriate box)
LATITUDE 35 624 **LONGITUDE** 78 427
 (May be in degrees, minutes, seconds or in a decimal format)
Latitude/longitude source: GPS **Topographic map**
 (Location of well must be shown on a USGS topographic map and attached to the form from using GPS)

4. WELL OWNER:

OWNER'S NAME Alex Dorman
STREET ADDRESS: 4000 NC Hwy 82 Dunn
Dunn NC 28334
 City or Town State Zip Code
910 892 3877
 Area code- Phone number

5. WELL DETAILS:

a. TOTAL DEPTH: 280'
b. DOES WELL REPLACE EXISTING WELL? YES NO
c. WATER LEVEL (Below Top of Casing) 68' FT.
 (Use "N" Above Top of Casing)
d. TOP OF CASING IS 1 FT. Above Land Surface
 (Top of casing installed after below land surface may require a variance in accordance with 15A NCAC 2C .0110.)
e. WELS Type: _____ **METHOD OF TEST:** Air
f. INSPECTION Type: HTH **Amount:** 100g

6. WATER ZONES (Depth):

From 245' To 265' From _____ To _____
 From _____ To _____ From _____ To _____
 From _____ To _____ From _____ To _____

7. CASING:

| Depth | Diameter | Thickness | Weight | Material |
|------------------------------|-----------|-------------|--------------|------------|
| From <u>0</u> To <u>185'</u> | <u>6"</u> | <u>1/2"</u> | <u>22.21</u> | <u>PPC</u> |
| From _____ To _____ | _____ | _____ | _____ | _____ |
| From _____ To _____ | _____ | _____ | _____ | _____ |

8. GROUT:

| Depth | Material | Height |
|-----------------------------|--------------------|------------|
| From <u>0</u> To <u>20'</u> | <u>Sand Cement</u> | <u>60"</u> |
| From _____ To _____ | _____ | _____ |
| From _____ To _____ | _____ | _____ |

9. SCREEN:

| Depth | Diameter | Slot Size | Material |
|---------------------|----------|-----------|----------|
| From _____ To _____ | _____ | _____ | _____ |
| From _____ To _____ | _____ | _____ | _____ |
| From _____ To _____ | _____ | _____ | _____ |

10. SAND/GRAVEL PACK:

| Depth | Size | Material |
|---------------------|-------|----------|
| From _____ To _____ | _____ | _____ |
| From _____ To _____ | _____ | _____ |
| From _____ To _____ | _____ | _____ |

11. DRILLING LOG:

| From | To | Formation Description |
|-------------|-------------|-----------------------|
| <u>0</u> | <u>38'</u> | <u>CLAY</u> |
| <u>38'</u> | <u>46'</u> | <u>SAND</u> |
| <u>46'</u> | <u>155'</u> | <u>CLAY</u> |
| <u>155'</u> | <u>169'</u> | <u>Sand</u> |
| <u>169'</u> | <u>179'</u> | <u>CLAY</u> |
| <u>179'</u> | <u>280'</u> | <u>SLATE</u> |

12. REMARKS:

I SOLEMNLY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Roger W. Jackson 6-4-12
 SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE
Roger W. Jackson
 PRINTED NAME OF PERSON CONSTRUCTING THIS WELL