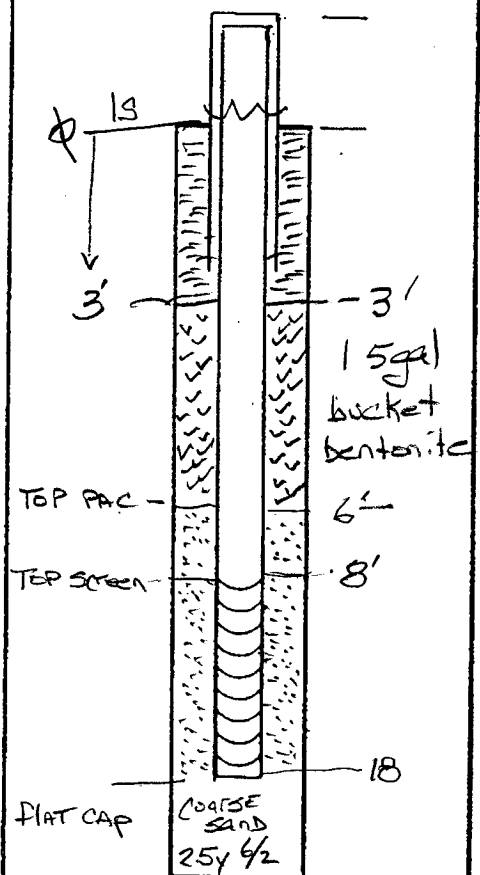


WELL CONSTRUCTION LOG D0009 Calhoun CoMr Bolinger Cell 10WELL LOCATION Calhoun CoDATE INSTALLED 9/28/10 @ 1400TYPE OF WELL 2" PVC Monitor SCH 40

1. HEIGHT OF CASING ABOVE GROUND Flush  $\phi$
2. WATER SURFACE ELEV. \_\_\_\_\_
- a) DEPTH TO SATURATED ZONE ~ 8-10'
3. TOP OF CASING ELEV. \_\_\_\_\_
4. PROTECTIVE CASING  YES  NO
- a) CASING LENGTH 18'
5. LENGTH OF SCREEN 10' ft
6. SIZE\TYPE OF SCREEN .010 slotted
7. LENGTH OF SUMP \_\_\_\_\_
8. TOTAL DEPTH OF BORING 18' HOLE DIAMETER 8"
9. SCREENED INTERVAL 8' to 18'
10. TYPE OF SCREEN FILTER PACK Coarse sand  
QUANTITY USED 7 bags SIZE 20/30 U/C
11. DEPTH TO TOP OF FILTER 6'
12. TYPE OF SEAL bentonite pellets  
QUANTITY USED \_\_\_\_\_
13. DEPTH TO TOP OF SEAL 3ft
14. TYPE OF GROUT sealed w/ pad concrete  
GROUT MIXTURE \_\_\_\_\_  
METHOD OF PLACEMENT \_\_\_\_\_
15. COMMENTS \_\_\_\_\_

## INSTALLATION DESCRIPTION

DESCRIPTION DEPTH(FT.)



Well is near small pond on fence row, below big hill.  
CR129 is on high ridge above valley, Skusa River near by.  
Light farming, pumpkins, peas, some cotton, Mr Bolinger is fairly young.

D0009

Bruce MS

LOCATION OF BORING: white picket fence CR 12A

GATE 34.02634 / 34° 01' 34"  
 -89.30676 / 089° 18' 24"  
 9-SAT

Field Note: Paper Line, Pine tree, Barb Wire, 8# from fence, by 7th post

JOB NO. CELL 10 CLIENT Bolinger LOCATION CALHOVN CO

DRILLING METHOD: Hollow stem

SAMPLING METHOD: 5' intervals

WATER LEVEL 5.71

TIME 1530

DATE 9/28/10

CASING DEPTH 8

DRILLING START TIME 1200 FINISH TIME 1600

DATE 9/28/10 9/28/10

DRILLING CONTR. TRI-STATE TESTING

BY M. MANNING DATE 9/28/10 CHK'D BY

| SAMPLER TYPE | INCHES DRIVEN | INCHES RECOVERED | DEPTH OF CASING | SAMPLE NO. | SAMPLE DEPTH | BLOWS/FT. SAMPLER | VAPOR CONCENTRATIONS (PPM) | DEPTH IN FEET | SOIL GRAPH | SURFACE CONDITIONS:   |
|--------------|---------------|------------------|-----------------|------------|--------------|-------------------|----------------------------|---------------|------------|---|
|              |               |                  |                 |            |              |                   |                            | 0             |            | IN HAY field next to fence see pics   |
|              |               |                  |                 |            |              |                   |                            | 1             |            | 0-3 soil, silt, loam, increasing clay @ 3' yellowish tan, clay @ 3' lin mottled some, dry, loose      |
|              |               |                  |                 |            |              |                   |                            | 2             |            |   |
|              |               |                  |                 |            |              |                   |                            | 3             | tip wet    | 3-8 clay, orange brown mottled gray @ 8' gray fine sand 2.5y 5/1 moist                                |
|              |               |                  |                 |            |              |                   |                            | 4             |            |   |
|              |               |                  |                 |            |              |                   |                            | 5             | wet        | 8-13 wet grey sand 2.5y 5/1 med coarse sand some 1-2 inch bands of med grained tannish brown sand wet |
|              |               |                  |                 |            |              |                   |                            | 6             |            |   |
|              |               |                  |                 |            |              |                   |                            | 7             |            | Well flowing in @ 10ft wet 15' water  |
|              |               |                  |                 |            |              |                   |                            | 8             |            |   |
|              |               |                  |                 |            |              |                   |                            | 9             |            | 13-18 - coarse sand - ALL 2.5y 4/2 wet  |
|              |               |                  |                 |            |              |                   |                            | 10            |            | Set 18' screen 8-18'  |
|              |               |                  |                 |            |              |                   |                            | 11            |            | WL @ 1530 = 5.71 bl 5 rising some   |
|              |               |                  |                 |            |              |                   |                            | 12            |            |   |
|              |               |                  |                 |            |              |                   |                            | 13            |            |   |
|              |               |                  |                 |            |              |                   |                            | 14            |            | SILT loam   |
|              |               |                  |                 |            |              |                   |                            | 15            |            | Clay brown-gray not very thick  |
|              |               |                  |                 |            |              |                   |                            | 16            |            | ✓ sand - fine grey  |
|              |               |                  |                 |            |              |                   |                            | 17            |            | ✓ sand coarse grey  |
|              |               |                  |                 |            |              |                   |                            | 18            |            | ✓ sand tan -  |
|              |               |                  |                 |            |              |                   |                            | 19            |            |   |
|              |               |                  |                 |            |              |                   |                            | 20            |            |   |