

call fish hatchery

CW 1144

NORTH CAROLINA DEPARTMENT OF WATER AND AIR RESOURCES

WELL RECORD

DIVISION OF GROUND WATER

BOX 9392 - RALEIGH, N. C.

T-49, T-3

CUM-P-1-67

Drilling Contractor McCullum Co.

Reg. No.

Well Permit No.

1. Town Near Jemmy Comm.

County Cumberland

2. Location _____ Quadrangle No. _____

Show a sketch of location on back of form

3. Owner Fish Hatchery (Supt. Home near Hatchery)

Address Highway 401 W. 7 1/2 miles NE

4. Topography: draw, slope, hilltop, valley, flat

5. Use of Well _____ Date Completed _____

6. Rig type or method _____ Total Depth 282

7. Casing: Depth _____ Diam. _____ Type _____
From _____ to _____ ft. _____ in. _____

8. Grout: Depth _____ Material _____ Method _____
From _____ to _____ ft. _____

9. Screen: Depth _____ Diam. _____ Type and opening _____
From _____ to _____ ft. _____ in. _____

11. Water Zones (depth) _____

12. Static Water Level: _____ ft. ^{above}/_{below} top of casing
which is _____ ft. above land surface.
Date _____

13. Yield (gpm) _____ Method of testing _____

14. Pumping Water Level: _____ ft. after _____ hrs.
at _____ gpm.

15. Water Quality _____ Temperature (°F) _____

16. Well sterilization method _____

17. Remarks: _____

N				
35	01	45		
79	02	29		
W				

(place this sheet over correct square on map, match corners and circle a dot at well location.)

10. Permanent Pump: Installed- Date _____

By _____

Type _____ Make _____

Capacity _____ (gpm) Hp. _____

Intake depth _____

Airline depth _____

I do hereby certify that this well record is true and exact.

SIGNATURE OF CONTRACTOR OR AGENT

6-6-83

867-6390

Talked to Marshall Ray
at N.C. Fish Hatchery near Fayetteville
well near Superintendents
house was drilled in 1967.

M. Husperii

0-34 surficial
 34-182 Unit R T (Cupul. Feas)
 182-282 Basement

SAMPLE DESCRIPTION

elev. 160

Well # CUM-P-1-67 TD 282 Examined by: ERB Date 12/5/83

p. _____ of _____

Key: A - Abundant C - Common M - Minor T - Trace R - Rare X - Major Constituent

Interval	Rock Type	Color	Texture			Quartz	Feldspar	Glaucophane	Phosphate	Calcite	Shell Fragm	Mica	Pyrite	Lignite	Chalcedony	Amethyst	Rose Quartz	Tourmaline	Siderite	Limestone	Dolomite	Fossils	Fe-Stain	Hematite & Limonite	Remarks	
			Grain Size	Grain Shape	Sorting																					
0/10			M/Crs	SA	A																			clay, yellowish stain		
10/22			Crs	SA	A																			clay, yellowish stain		
22/34			M	SA	A					T														minor yellowish stain		
34/42			Crs/m	SA	A										R									4/4		
42/48			M/Crs	SA	A											T								4/4		
48/60			Crs/m	A/SA	A											T								4/R	white clay in crevices on grains, fine sand aggregate cemented by clay?	
60/63			Crs/m	A/SA	A	T				R					R											
63/72			Crs	A/SA	A	M						R			R										gravelly, green mineral (epidote?) or phosphate, wavelite?	
72/82			M	A/SA	A	T									R									4/R	gravelly, green mineral, white clay and fine sand aggregate	
82/92			M	SA/A	A	R				R	R				T									T	gravelly, both yellowish and white clay sand aggregate hematite and chalcedony fine white to cream clay frags and clay in crevices	
102/112			M	SA/A	A	R				R	R				R											
112/122										as above																
112/132										as above																hematite and chalcedony
132/142										as above																
142/152										as above																
152/162			M	A	A	R				R					R											gravel, yellowish-pinkish clay-sand agg.
162/172			M/Crs	A/SA	A	R				R					T										M/R	green mineral (see 63/72), iron stained clay agg.
172/182			M/Crs	SA	A					R					R										M/R	
182/192			M/Crs	SA	A																					clay, highly weathered rock frags basement