

MAGETTE WELL AND PUMP CO., INC.

DEEP WELL DRILLING ● WATER GUARANTEED

WE COVER EASTERN NORTH CAROLINA

AHOSKIE, NORTH CAROLINA 27910

Hamilton
Test Well
10-24-86

Using 6 $\frac{1}{2}$ " Hawthorne Drag Bit (Day One)

0-1	Sandy Light Colored Topsoil	
1-10	Light Red Clay Compact	3' /Min.
10-16	Light Tan Clay Compact	3' /Min.
16-23	Light Red Clay W/Sand	5' /Min.
23-25	Grey Matrix Silt To Fine Sand W/Loose Mud	8' /Min.
25-31	Grey & Black Angular Sand Medium	12' /Min.
31-36	Same W/Some Grey Clay	8' /Min.
36-51	Flat Oyster Shells Grey & Black Angular Sand & Clay Specs	5' /Min.
51-56	Same W/Loose Blue Mud	5' /Min.
56-63	Loose Blue Mud	7' /Min.
63-68	Fine Sand W/Mud	9' /Min.
68-83	Fine To Med. Sand Shells W/Mud Mixed	6' /Min.
83-89	Same W/Less Mud	8' /Min.
89-93	Same As 68-83	6' /Min.



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Using 6½" Hawthorne Drag Bit (Day One)		<u>Continued</u>
93-95	Consolidated Shells	1' /Min.
95-100	Grey Clay Compact	2' /Min.
100-104	Same W/Sand	4' /Min.
104-108	Med. Angular & Sub-Angular Sand W/Traces Of Wood Frag- ments	9' /Min.
108-120	Same W/Some Clay Slower	4' /Min.
120-134	Med. Sand In & Out	6' /Min. To 9' /Min.
134-142	Same W/Clay	5' /Min.
142-151	Tight Clay W/Sharp Sand Mixed	2' /Min.
151-160	Tight Clay No Sand	2' /Min.
160-195	Same W/Some Dark Red Clay Specs	4' /Min.

End First Day Drilling Collected Samples And Pulled All Drill Rods.

Drilling Fluid Used, 150 Lbs. Quick Gel (Bentonite), 1 Gal
EZ Mud (Synthetic Polymer)



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Using 6½" Hawthorne Drag Bit (Day Two)

195-208	Faster More Sand	6' /Min.
208-215	Sand Firm Light Color Fine To Med.	8' /Min.
215-232	Sand Hard Med. To Course Grey Sand Round & Sub- Angular, Noticed Wood Fragments 232	12' /Min.
232-238	Wood Fragments Fine Sand Some Mud	6' /Min.
238-268	Sand Very Hard Course White Some Mica	10' /Min.
268-279	Same (Softer) Very Fast	14' /Min.
279-299	Course Sand W/Mud	6' /Min.
299-305	Firm Cut Good	8' /Min.
305-311	Grey Clay & Course Sharp Sand	4' /Min.
311-315	Sand W/Mud	6' /Min.
315-330	Grey Clay & Sand	4' /Min.
330-359	Light Red Matrix Red Clay	4' /Min.



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Using 6½" Hawthorne Drag Bit (Day Two) <u>Continued</u>		
359-363	Sand W/Red Clay	4' /Min.
363-375	Sand Hard Course To Med. Angular Sand Took Fluid Hard Hit	10' /Min.
375-384	Same Very Fast Settled Soft Hit	14' /Min.
384-420	Mud W/Course Sharp Sand	6' /Min.
420-426	Sand Course Firm Bump Clay Mixed	10' /Min.
426-432	Tight Red Clay W/Course Sharp Sand	1'-4' /Min.

End Second Day Of Drilling Used 150 Lbs. Quick Gel,
1.25 Gal EZ Mud



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Test Well
10-29-86

Using 6½" Hawthorne Drag Bit (Day Three)

Began At 432' Same Through 495'

495-590

Tight Clay w/Course
Sharp Sand Grey Matrix

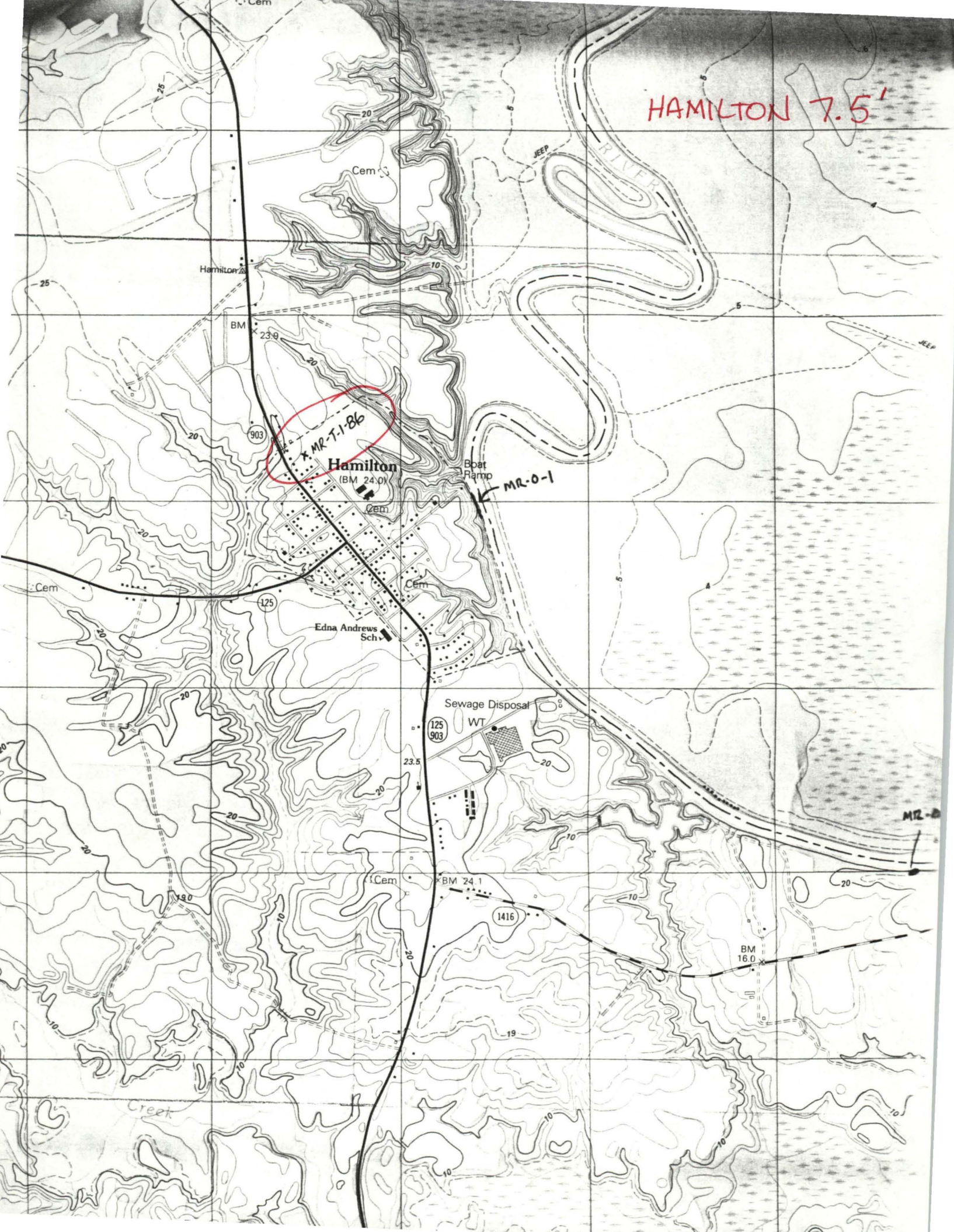
1'-4'/Min.

590-Stoped Drilling 592 Hard Shell

End Third Day Drilling Used .75 EZ Mud



HAMILTON 7.5'



Hamilton

BM 23.9

MR-T-1-86

Hamilton
(BM 24.0)

Boat Ramp

MR-O-1

Edna Andrews Sch

Sewage Disposal

WT

BM 24.1

1416

BM 16.0

MZ-2

Creek