

INTERVAL SHEET

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Well Repository No.: W- 7241

Date rec'd: SWCB Date Processed: 9-19-90

Sample Interval: from 0 to: 300

PROPERTY: Observation Well # 193 pilot accomack

Number of samples: 30

COMPANY: SWCB-Creason

Total Depth: 320

COUNTY: Accomack

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To	From-To
0 - 10	-	-	-	-
10 - 20	-	-	-	-
20 - 30	-	-	-	-
30 - 40	-	-	-	-
40 - 50	-	-	-	-
50 - 60	-	-	-	-
60 - 70	-	-	-	-
70 - 80	-	-	-	-
80 - 90	-	-	-	-
90 - 100	-	-	-	-
100 - 110	-	-	-	-
110 - 120	-	-	-	-
120 - 130	-	-	-	-
130 - 140	-	-	-	-
140 - 150	-	-	-	-
150 - 160	-	-	-	-
160 - 170	-	-	-	-
170 - 180	-	-	-	-
180 - 190	-	-	-	-
190 - 200	-	-	-	-
200 - 210	-	-	-	-
210 - 220	-	-	-	-
220 - 230	-	-	-	-
230 - 240	-	-	-	-
240 - 250	-	-	-	-
250 - 260	-	-	-	-
260 - 270	-	-	-	-
270 - 280	-	-	-	-
280 - 290	-	-	-	-
290 - 300	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

unwashed only 2 sets

WELL CUTTINGS LOG

SWCB # 100-678

USGS # 65K58

DATE

Mon April 9 1990

STATION NAME

Accomac

STARTING DATE

4-9-90

GEOLOGIST

TSB

STARTING DRILL ROD

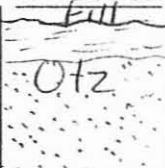




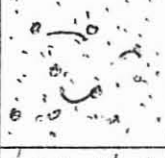
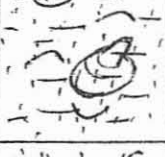

400 ft.

ENDING DEPTH

320 ft

OBJECTIVE:

Drill pilot, collect cuttings @ 10 ft intervals. Run Gamma & resistivity logs

FROM - TO	LITHOLOGY	DESCRIPTION	COLOR	SIZE	ANG.	SORTING	SPEED	MODIFIERS & COMMENTS
0-10	 Otz	Otz SND	SY 6/4 Dusk yel	FU to ML	Sub RND to RND	Fair	Fast	Rose Otz. 21% heavies, magnetite
10-20		Otz SND	"	FU to VCL	"	Poor	fast	"
20-30		Otz SND	"	FU to VCL	"	Poor	fast	"
30-40		Otz SND	"	FL to VCL	"	well poor	"	Grn Otz, pyrite magnetite. iron stain Otz. small bivalves Shell frag.
40-50		Otz SND	White w/ SBY 4/1	MU VCL	Sub RND Sub Ang	poor	"	Shells. frags iron stained Otz. Grn stain Otz. limonite, chert (channel)
50-60		Otz SND	White	MU VCL	"	"	"	Channel same as above shells or smoothe
60-70		Silty SND	SBY 4/1	"	"	"	"	Silt picking up still sand. Gravel in Bag is probably from above.
70-80		Silty Fin SND w/ gravel?	"	"	"	"	Gravel	Chatter last 3 ft some gravel may be present. whole bivalves

WELL CUTTINGS LOG

SWCB # 110-1.78

USGS # 65K 58

DATE 4-9-90
 STARTING DATE 4-9-90
 STARTING DRILL ROD 400 ft

STATION NAME Accomac
 GEOLOGIST TJB
 ENDING DEPTH 320 ft

OBJECTIVE: _____

FROM - TO	LITHOLOGY	DESCRIPTION	COLOR	SIZE	ANG.	SORTING	SPEED	MODIFIERS & COMMENTS
80-90		Silty FN SND + Shell	SGY 4/1	FU to CL	Sub Ang	poor		Hard streak @ 82' chatter @ 85'. Glauc up to 2-3%. Shell frag increasing
90-100		Silty FN SND Shell	"	"	"	"	0 press.	Chatter all way. Still getting good amount gravel + chert back. otherwise same as ab Jam seeing some gravel up to 1cm.
100-110		SNDY Silt	between SG-4 1/2 SG-4 1/2					Some have a purple tint. Sand shell frag. Still 2-3% glauc, grey + white shell frag
110-120		SNDY Silt	"	FU	-	-		Larger silt chips. She frag. Glauc. Grey + white shell frag.
120-130		SND Silt Shells.	"	-	-	-		good amount shells. Small torikella + spira glauc.
130-140		Silty FN SND Shell	FU to ML	FU to ML	Sub RND Sub Ang	-		Glauc. Mostly she frag.
140-150		FN OR SND Shell	"	FU to ML	Sub RND	fair		torikella shell frag. Some tridues glauc
150-160		Silty FN SND Shells	"	"	-	-		

WELL CUTTINGS LOG

SWCB # 100-678
USGS # 65K58

DATE 4-9-90
STARTING DATE 4-9-90
STARTING DRILL ROD 400 ft

STATION NAME Accomac
GEOLOGIST TSB
ENDING DEPTH 320 ft

OBJECTIVE: _____

FROM - TO	LITHOLOGY	DESCRIPTION	COLOR	SIZE	ANG.	SORTING	SPEED	MODIFIERS & COMMENTS
160-170		Silty FN Qtz SND	SG 4/1	ML to MU	sub TND	Fair		Shells dropped off. few scat frag. Less glauc. 2 1/2%
170-180		Silty FN Qtz SND to Sandy Silt	SG 4/1	"	"	"		Ben gastropod. Gray clam shell.
180-190		Sandy Silt	SG 2/1 + SG 1/1	"	"	"		Little glauc. whorl + shell frag.
190-200		SND Silt to Silty FN SND	"	ML to MU	"	fair to poor		Chatter all the way No pressure.
200-210		SANDY Silt → Buck identified as zone 2	"	"	"	"		Interesting new gast little to no glauc.
210-220		SANDY Silt	"	—	—	—		Very slightly micaceous few scat frag little no glauc
220-230		Sandy Silt	SG 4/1	ML to MU				Glauc. picked up 2-3%. Scat frag to med frags micaceous
230-240		Silty SND + Pred. shells	"	"				Driller says possible screen here! Did not see any good SND But shell might make water

WELL CUTTINGS LOG

SWCB # 100-678
USGS # 5K-8

DATE 4-9-90
STARTING DATE 4-9-90
STARTING DRILL ROD 400 ft

STATION NAME Accomac
GEOLOGIST TJB
ENDING DEPTH 320 ft

OBJECTIVE: _____

FROM - TO	LITHOLOGY	DESCRIPTION	COLOR	SIZE	ANG.	SORTING	SPEED	MODIFIERS & COMMENTS
240-250		Clay Silt	SG 3/2 + 4 5 3/2	-	-	-	100 lb	Micaceous. 2 color may be borrowed Sharp difference in drilling from last
250-260		Clay Silt	SG 4/1	-	-	-	100 lb	changed up + coarse at 258. Mic. Glau 2 3%
260-270		Clay Silt pred. Shells	"	-	-	-		hard Chatter 267-2 Jerk, scoop joint dri pretty good. Possible Screen here!
270-280		SANDY Silt pred. w/ Shells	"	-	-	-	fast no press.	Good Chatter all the way. possible screen here!
280-290		SANDY Silt w/ Shells	"	-	-	-		possible Screen here. No hard streaks.
290-300		SANDY Silt w/ Shells	"	-	-	-		same as above
300-320		NO SAMPLE						hard bed @ 312'