

F-4-90

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 65/PC65
 DATE: 25 APRIL 1990 JD: 115
 WEATHER: _____
 RECORDED BY: _____
 PROCESSORS: _____

APPROX. LOCATION: HIGH 13.5
5.60.3E
 WATER DEPTH (m): 3295m
 NAVIGATION: GPS
 WINCH: _____

MISC. EQUIP: _____
 MISC. PROCEDURES: _____

COMMENTS: REPEAT OF STA 64
STIFF MUD PLUG IN CATCHER
POOR RECOVERY

CORE LOCATION

	Start	On-Bottom	End
Time:	<u>0820Z</u>	<u>0926Z</u>	
LAT:	<u>26°26.8'</u>	<u>26°26.79'</u>	
LONG:	<u>-85° 4.4'</u>	<u>-85° 04.20'</u>	
TD:			
TD:			

CORER/CORE INFORMATION

	Piston Core	Trigger Core
Core Head Wt (lbs.):	<u>2800</u>	<u>150</u>
Barrel Length (m):	<u>6</u>	<u>1</u>
Total Penetration (m):	<u>6</u>	<u>1</u>
Recovery (m):	<u>~1m</u>	<u>~50cm(?) 38cm</u>
Flow-in (m):		
Lowering Rate (m/min.):		
Max. Wire Out (m):	<u>3265m</u>	
<u>PULL OUT (tons)</u>	<u>4-2</u>	

SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
1	<u>0-1.26</u>	
2		
3		
4		
5		
6		
7		
8		
9		
10		

+ c/c

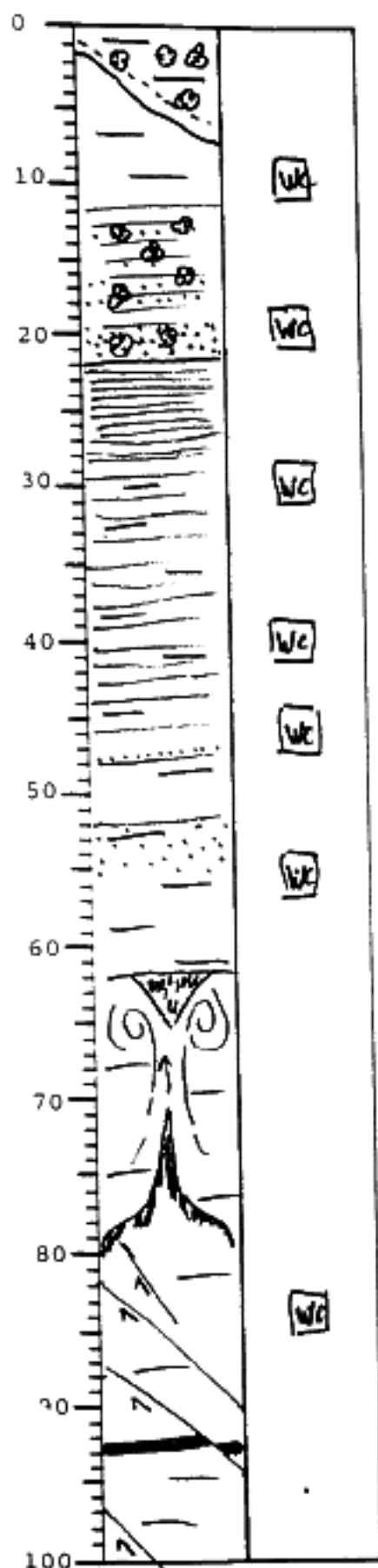
TC 65 0-0.38

Kenyan

Sta. _____ Core No. PC 65

m) Lithologic Log

Detailed Description



Top of PC lost as TC has about 3 1/4 cm foram sand.

0-3+ Moderate yellowish brown 10YR 5/4 foram sandy mud. Contact may be distorted by coning process but clay beneath is horizontal(?) See below

3+ to 4 1.5 cm band of light olive brown 5Y 5/6 to dark yellowish orange oxidized layer.

4 - 22 Banded silty clay with forams. Basal layer (20-22) is coarser. Dominant colour dark yellowish brown 10YR 4/2

22 - 80? Banded clay. Dominant colour dark yellowish brown 10YR 4/2. Some silty clay. ^{Thinning upward} Organic bands between forams 22-44

62-80 Lower part of banded clay distorted by coning process. Organic band brought up into triangular intrusion.

80-93 ^{uniform} Slightly browner clay but still 10YR 4/2.

93 - Base of core ^{uniform} Dark yellowish brown clay 10YR 4/2

80 - Base shear fault

80 - Base dark, grayish black 1/2, organic bands

This core is nearly all clay, fairly stiff

TC has very well indurated oxidized crust - thus coning disturbance likely.

VISUAL CORE DESCRIPTION

F-4-90

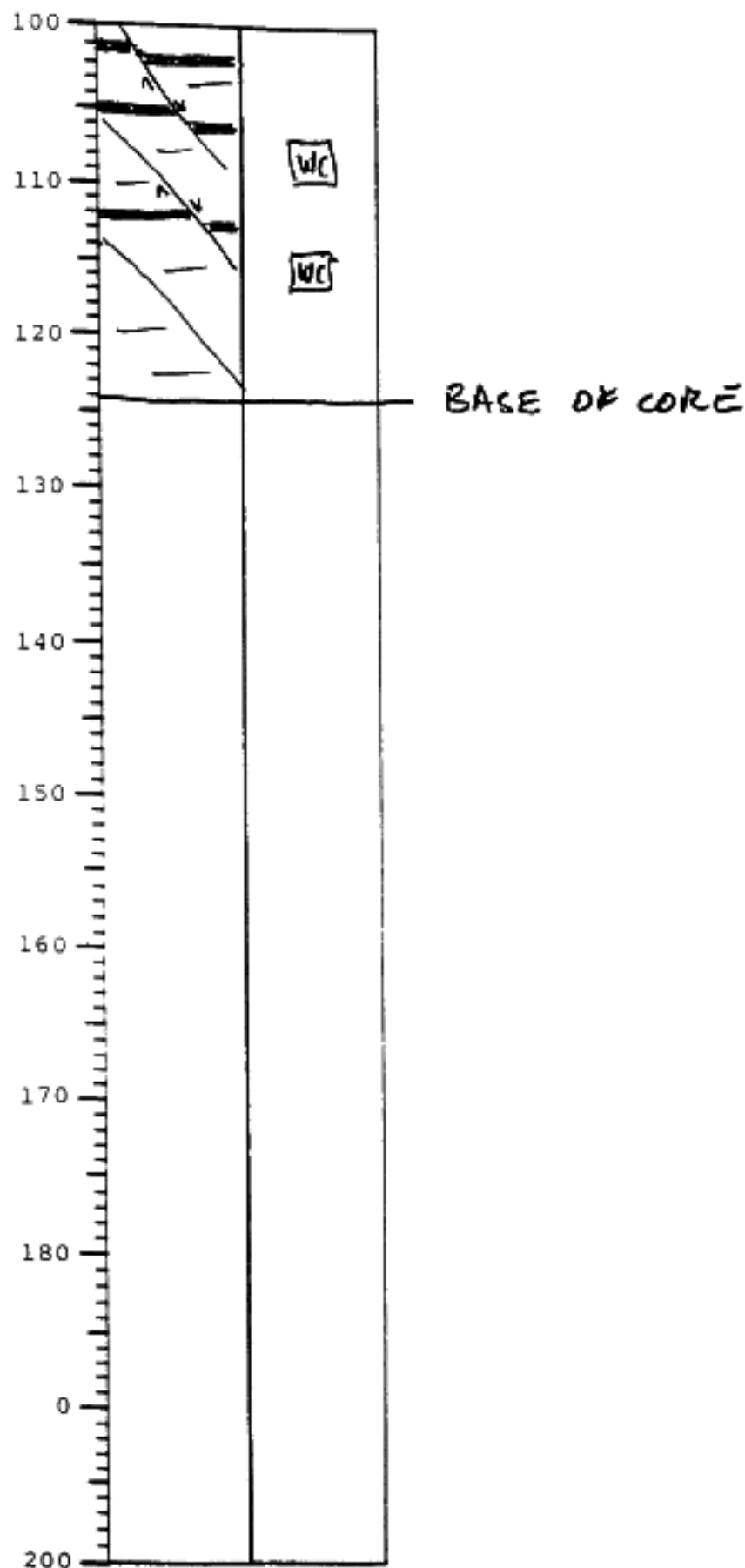
Page 2 of 2

Kempton

Sta. _____ Core No. PC-65

a) Lithologic Log

Detailed Description



VISUAL CORE DESCRIPTION

F-4-90

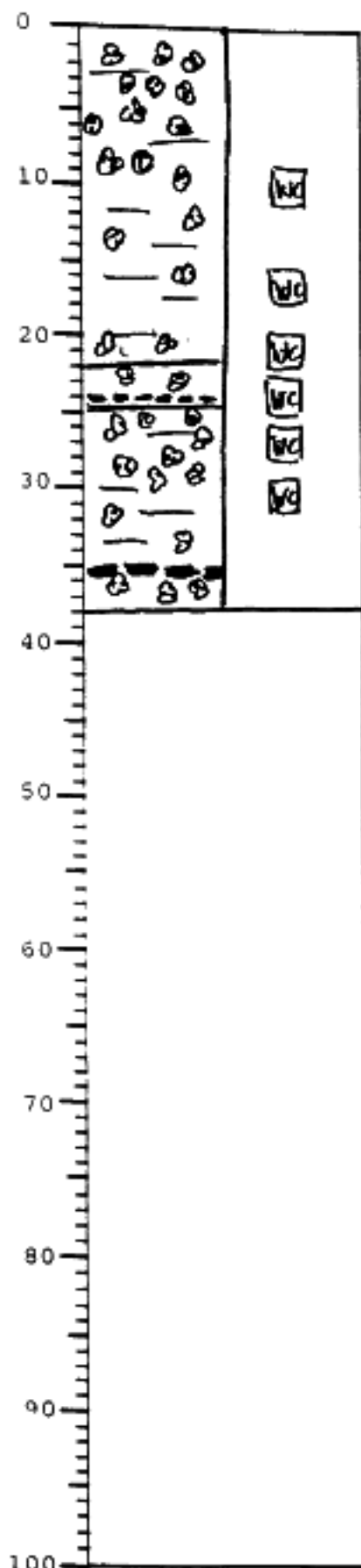
Page 1 of 1

Kempton

Sta. _____ Core No. TC65

.m) Lithologic Log

Detailed Description



0-22 Moderate yellowish brown foram sand.
Mud content increasing downward.

22-24 Light olive brown 5Y 5/6 and dark yellowish orange
Fe rich, oxidized zone

24-35 Moderate yellowish brown foram sand. Mud content
increasing downward.

BASE OF CORE

35 Moderate brown 5YR 4/4 Fe rich oxidized crust,
broken by coning.

35-38
Light olive brown 5Y 5/6 muddy foram sand