

F-4-90

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 31/PC 31
 DATE: 19 April 1990 JD109
 WEATHER: 15-20 kt
 RECORDED BY: _____
 PROCESSORS: _____

APPROX. LOCATION: in low backscatter
SE of high backscatter lobe
 WATER DEPTH (m): 3283 m
 NAVIGATION: Acoustic Nav.
 WINCH: _____

MISC. EQUIP: Responder 100m above core
 MISC. PROCEDURES: _____

COMMENTS: Target 26° 41.7' N
85° 08.4' W
Acoustic near hang up for a while on the way down.

CORE LOCATION

	Start	On-Bottom	End
Time:	<u>2105Z</u>	<u>2208Z</u>	<u>2315Z</u>
LAT:	<u>26° 41.84' N</u>	<u>26° 41.7797' N</u>	<u>26° 41.84' N</u>
LONG:	<u>85° 08.28' W</u>	<u>85° 08.2940' W</u>	<u>85° 08.27' W</u>
TD:	<u>form C</u>	<u>~230m NE of target</u>	<u>form C</u>
TD:	_____	_____	_____

Corer/CORE INFORMATION

Piston Core

Trigger Core

Core Head Wt (lbs.):	<u>2800</u>	_____
Barrel Length (m):	<u>9m</u>	<u>1m</u>
Total Penetration (m):	<u>9m</u>	<u>1m</u>
Recovery (m):	_____	<u>6.8cm</u>
Flow-in (m):	_____	_____
Lowering Rate (m/min.):	<u>60 m/min to 3150 ~25 m/min to bottom</u>	_____
Max. Wire Out (m):	<u>3215 m</u>	_____
Pullout:	<u>4.6 3210m</u>	_____

SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
1 D	<u>0-1.20</u>	_____
2 C	<u>1.20-2.70</u>	_____
3	<u>2.70-2.78</u>	<u>BAGGED SAMPLE (BETWEEN 1-4 C)</u>
4 B	<u>2.78-4.01</u>	_____
5 A	<u>4.01-5.51</u>	_____
6	_____	_____
7	_____	_____
8	_____	_____
9	_____	_____
10	_____	_____

+ C/C

TL 31

0-0.68

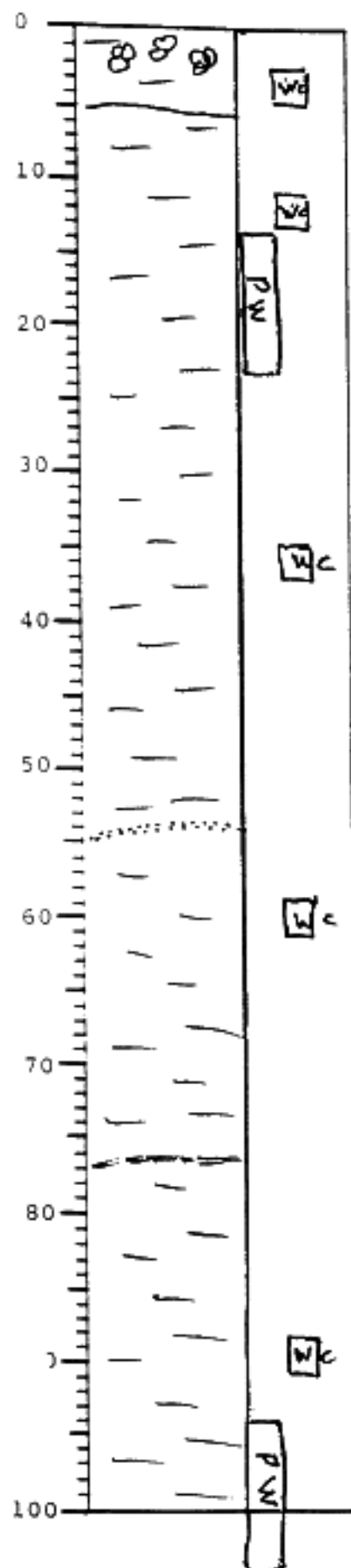
+ C/C

4 sections
 ~ 5.5m

Kenyan

Sta. _____ Core No. PC 31

m) Lithologic Log

Detailed Description

0-5 Moderate yellowish brown foram sandy clay
 Separated by thin 0.2 cm of iron stained clay - moderate brown 5YR 4/4 10YR 5/4

5-55 Dark yellowish brown 10YR 4/2 clay
 Wet and sticky.

55 0.3 cm silty/clay with 0.1 cm black organic band at base.

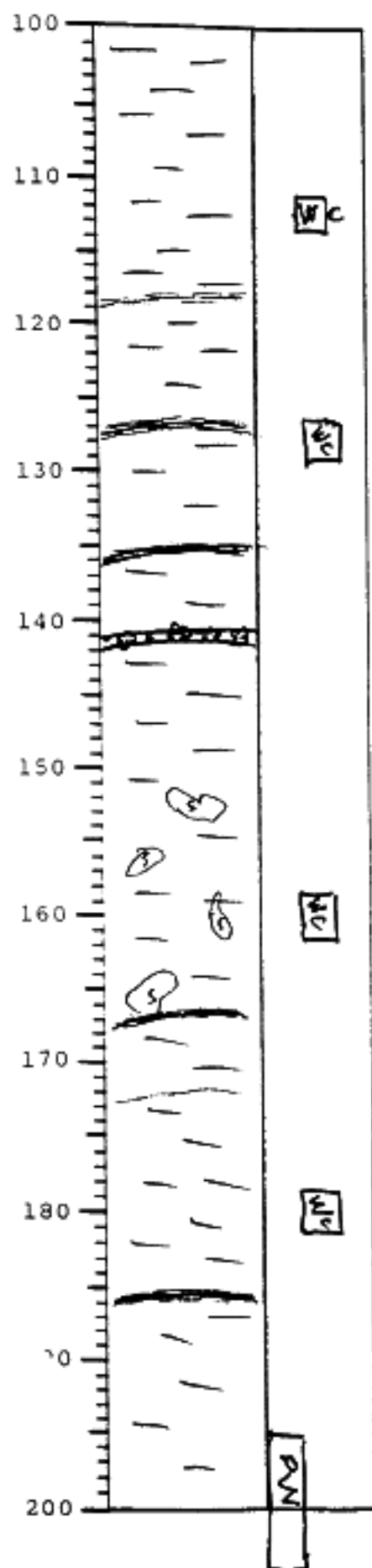
55- Dark yellowish brown 10YR 4/2 clay, some small black blebs. Wet and sticky.

77 Dark gray organic band

Kenyon

Sta. _____ Core No. PC 31

m) Lithologic Log

Detailed Description

55-141 Dark yellowish brown clay 10YR 4/2
with small black blebs. Occasional dark gray organic bands.

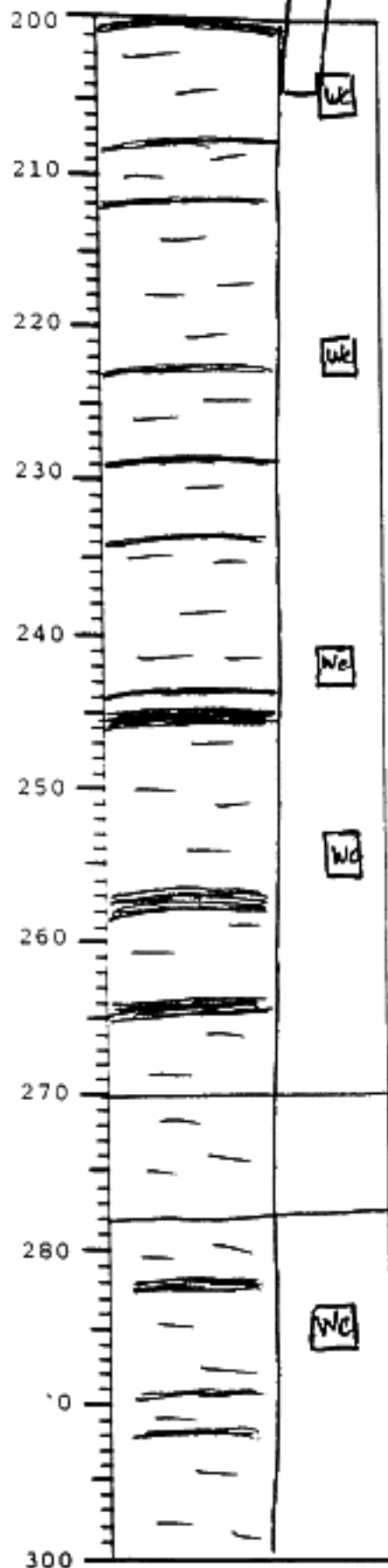
141 0.5 cm Dark yellowish brown clay with forams.
10YR 4/2

141-244 Dark yellowish brown clay 10YR 4/2

Kenyon

Sta. _____ Core No. PC 31Lithologic
LogDetailed Description

(cm)



144-244

Dark yellowish brown clay 10YR 4/2
Homogeneous.

← Sharp colour change. 1cm black organic band below

244-Base

Dark yellowish brown clay 10YR 4/2
with faint greenish tinge.

END SECTION

270-278 Separate piece between section B and C.

END SECTION

VISUAL CORE DESCRIPTION

F-4-90

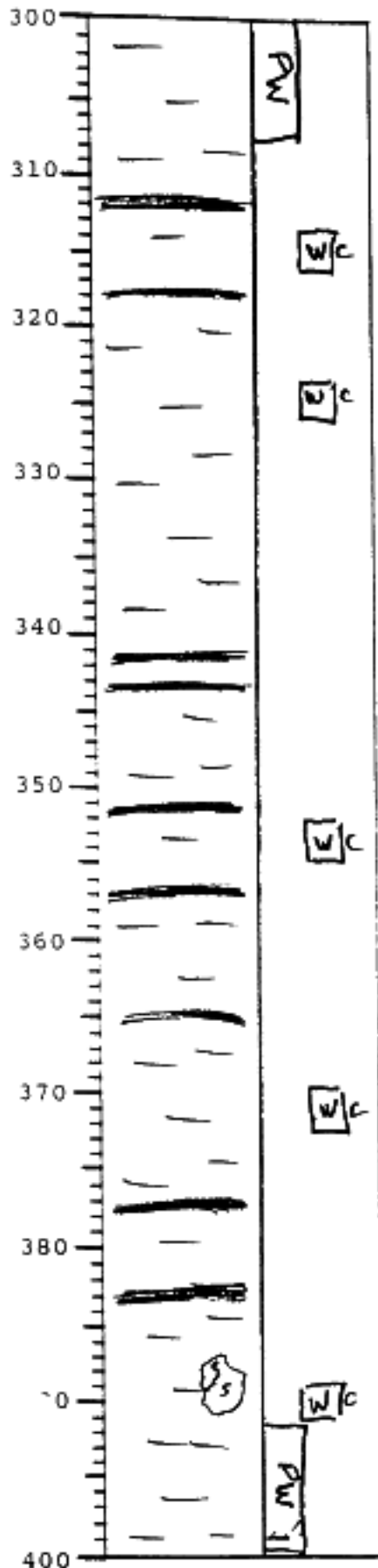
Page 4 of 6

Kenyon

Sta. _____ Core No. PC31

Lithologic Log

Detailed Description



244-

Dark yellowish brown clay
10YR 4/2
Homogeneous

VISUAL CORE DESCRIPTION

F-4-90

Page 5 of 6

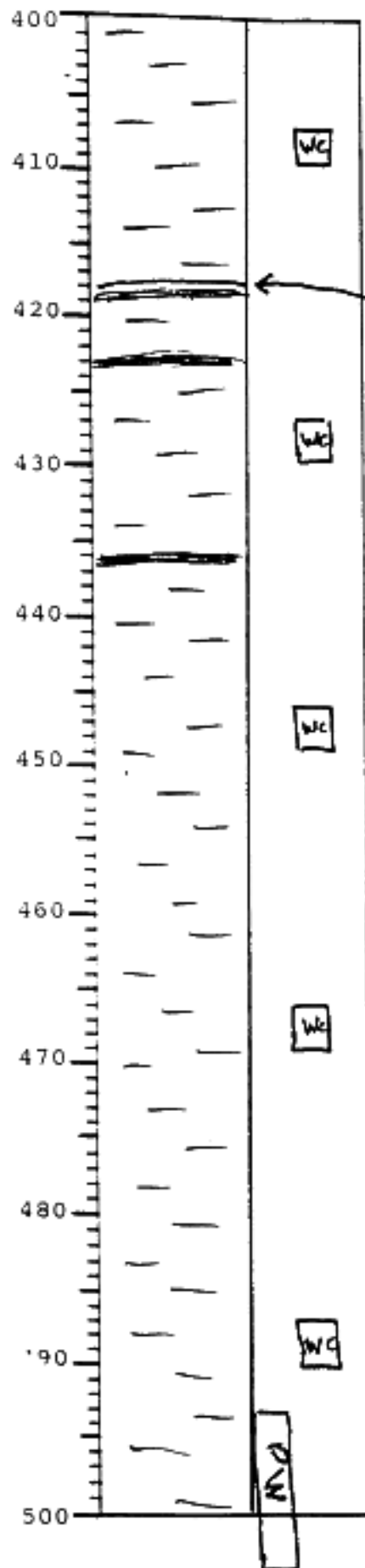
Kenyon

Sta. _____ Core No. PC31

m) Lithologic Log

Detailed Description

dark
Homogeneous / yellowish brown clay 10YR 4/2



418- Faint colour change... Sharp boundary

VISUAL CORE DESCRIPTION

F-4-90

Page 6 of 6

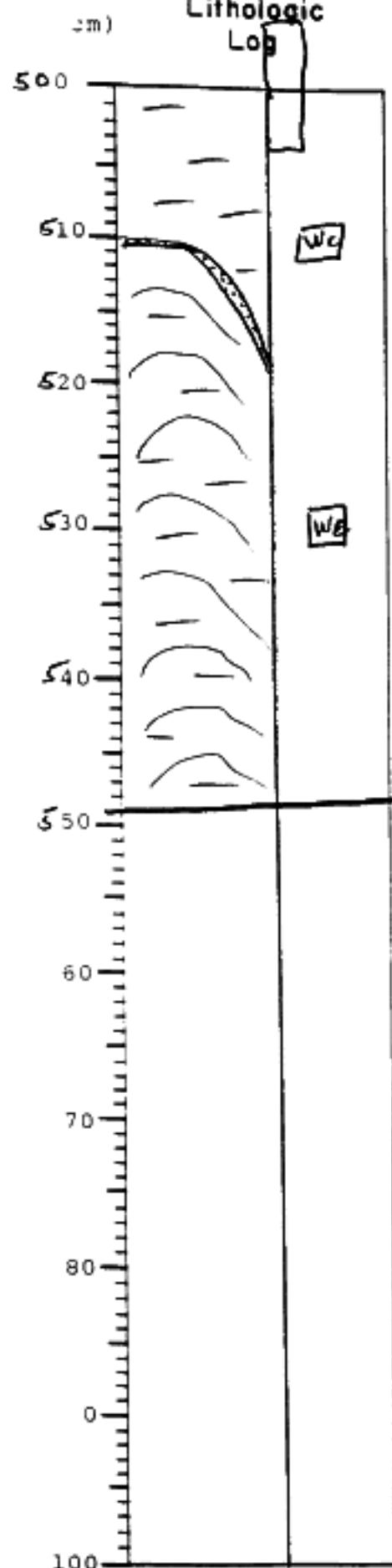
Kenyon

Sta. _____ Core No. PC 31Lithologic
LogDetailed Description

Homogeneous dark yellowish brown clay
10YR 4/2

510 Silty band - dragged down side of barrel.

510-Base Organic band pulled down either side of core.



BASE OF CORE

VISUAL CORE DESCRIPTION

F-4-90

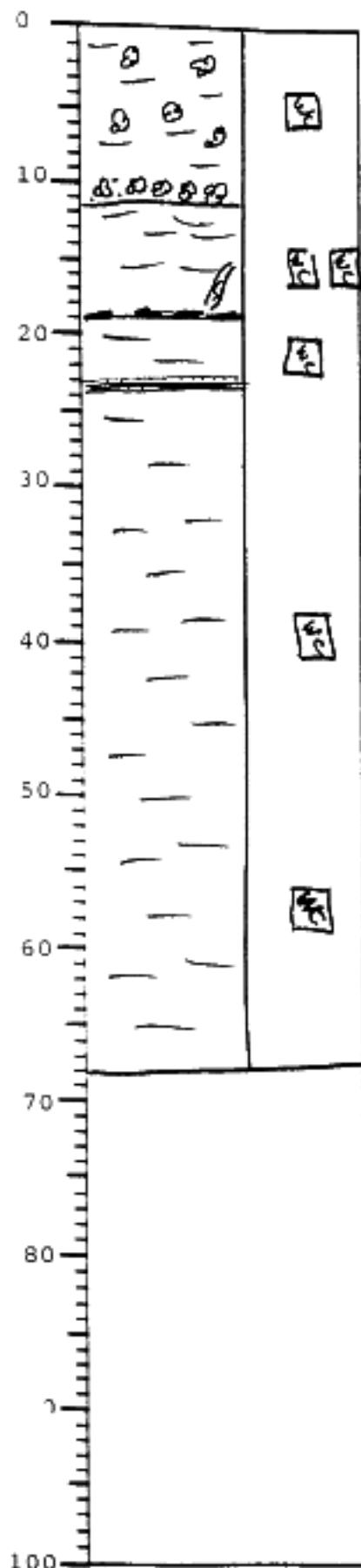
Page 1 of 1

Kenyon

Sta. _____ Core No. IC 31

m) Lithologic Log

Detailed Description



BASE OF CORE