F-4-90

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 18/PC18
DATE: J.D 106
WEATHER: GREATER
RECORDED BY:
PROCESSORS:

APPROX. LOCATION: CHANNEL PROXIMAL END ON FAN LOBE
WATER DEPTH (m): 3125
NAVIGATION: TRANSPONDER
WINCH:

MISC. EQUIP: ACOUSTIC TRANSPONDER
MISC.PROCEDURES:

COMMENTS: PICKED CHANNEL USING 3.5kHz BATHY
Looks like corer fell over - mud on one side of core head.

CORE LOCATION

	Start	On-Bottom	End
Time:	1500Z	1608Z	1730Z
LAT:	26° 15.00'	26° 15.1800'N	26° 14.91'N
LONG:	86° 16.80	86° 16.8693'W	86° 15.08'W
TD:		transponder nav.	
TD:			

CORER/CORE INFORMATION

	Piston Core	Trigger Core
Core Head Wt (lbs.):	2800 lb	
Barrel Length (m):	6m	1m
Total Penetration (m):	looks like corer fell over w/ 1m	
Recovery (m):		77cm
Flow-in (m):		
Lowering Rate (m/min.):	60m/min to 3000m	~10m/min to bottom
Max. Wire Out (m):	3087m	
Pullout	4.6 @ 3086m	

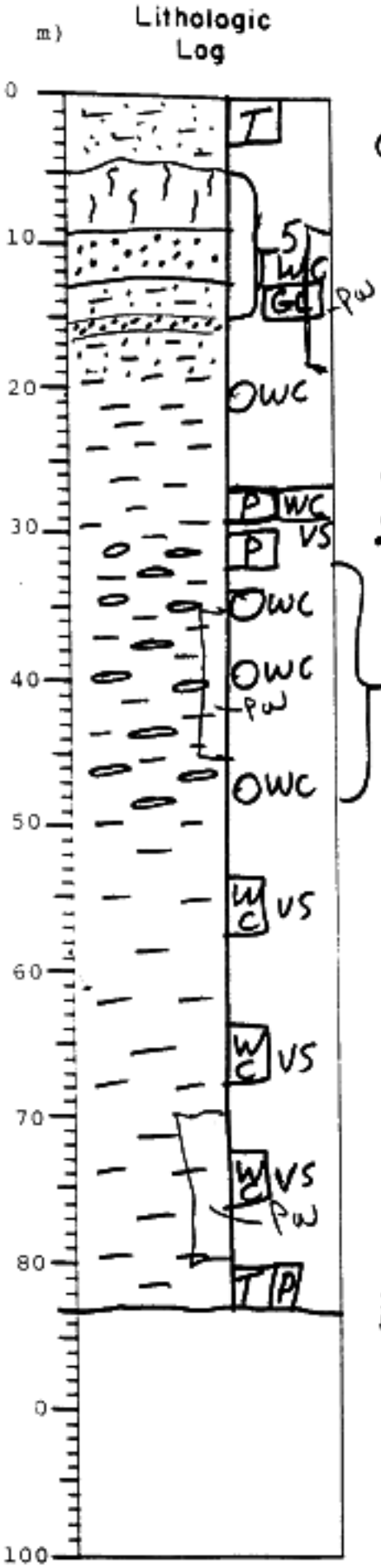
SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
1	0-0.84	
2		
3		
4		
5		
6		
7		
8		
9		
10		
	+ c/c	

TC18 0 - 0.77 m

VISUAL CORE DESCRIPTION F-4-90

Nelson - has detailed

Sta. _____ Core No. PC-18



Detailed Description

0-10 Dark yellowish brown (10YR 4/2)

0-5 ꝏ ooze

5-10 bioturbated clay

10-13 clean ꝏ sand (dark yellowish orange (10YR 6/6))

13-16 ꝏ ooze - moderate yellowish brown (10YR 5/4)

17 - ꝏ sand

17½ - 20 ꝏ ooze

20 - 30 clay starting as dark yellowish brown (10YR 4/2) and grading to olive gray clay (5Y 3/2) for remainder of the core

gas charged clay 30 - 50 cm

50 cm to the bottom - homogeneous clay

-14 cm oxide crust of 1cm diameter encountered in WC plug

-Sample GC-crust - contains ꝏ's w/in crust

Bottom of PC Complete core = 83 cm

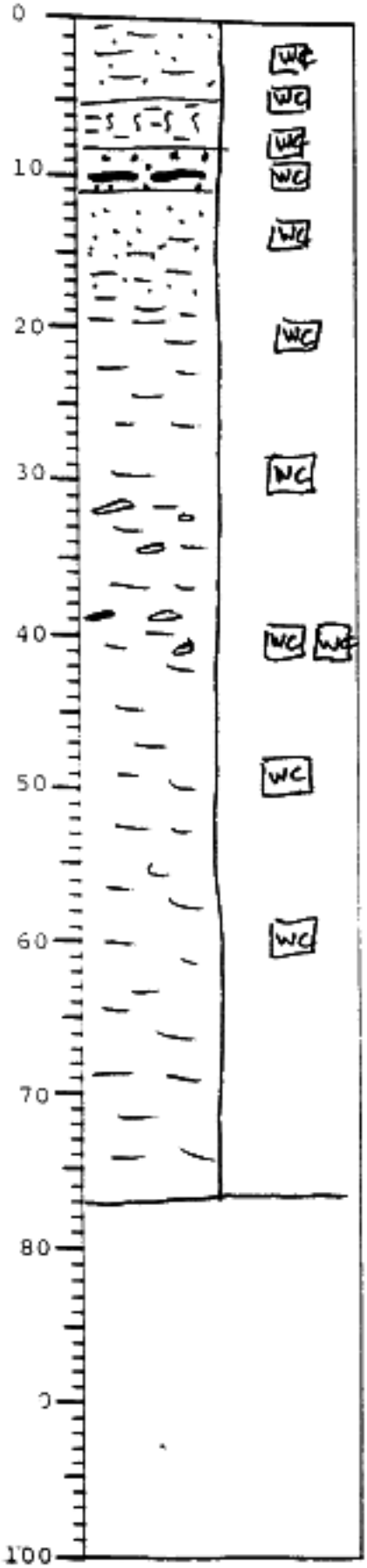
VISUAL CORE DESCRIPTION

F-4-90

Kenyon

Sta. _____ Core No. TC 18

Lithologic Log



Detailed Description

At 10 cm, a 0.2 cm thick metallic crust. Very dusky red 10R 2/2

Stratigraphy as PC 18

Less obvious vesicles due to gas discharge than in PC 18