

F-4-90

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 26/20PCAPPROX. LOCATION: 2nd try in channel
to Sep lobeDATE: 16 April, 1990WEATHER: CalmWATER DEPTH (m): 3627RECORDED BY: TwickellNAVIGATION: TransponderPROCESSORS: Lee/Borden/NelsonWINCH: MISC. EQUIP: Acoustic relay 100 m above coreMISC. PROCEDURES: COMMENTS: Core taken about 80 m south of PC 18 based
on transponder nav.

CORE LOCATION

	Start	On-Bottom	End
Time:	<u>2130Z</u>	<u>2229Z</u>	<u>~2330</u>
LAT:	<u>26° 15.29'N</u>	<u>26° 15.1398'N</u>	<u>26° 15.25'N</u>
LONG:	<u>86° 16.77'W</u>	<u>86° 16.8975'W</u>	<u>86° 16.99'W</u>
TD:	<u> </u>	<u>transponder fix</u>	<u> </u>
TD:	<u> </u>	<u> </u>	<u> </u>

CORER/CORE INFORMATION

Piston Core

Trigger Core

Core Head Wt (lbs.):	<u>2800 lb</u>	<u> </u>
Barrel Length (m):	<u>6 m</u>	<u>1 m</u>
Total Penetration (m):	<u>much on wt stand</u>	<u>much to base of weight</u>
Recovery (m):	<u> </u>	<u>74 cm</u>
Flow-in (m):	<u> </u>	<u> </u>
Lowering Rate (m/min.):	<u> </u>	<u> </u>
Max. Wire Out (m):	<u>3064 m</u>	<u> </u>
Pullout:	<u>3059 m</u>	<u>4.7</u>

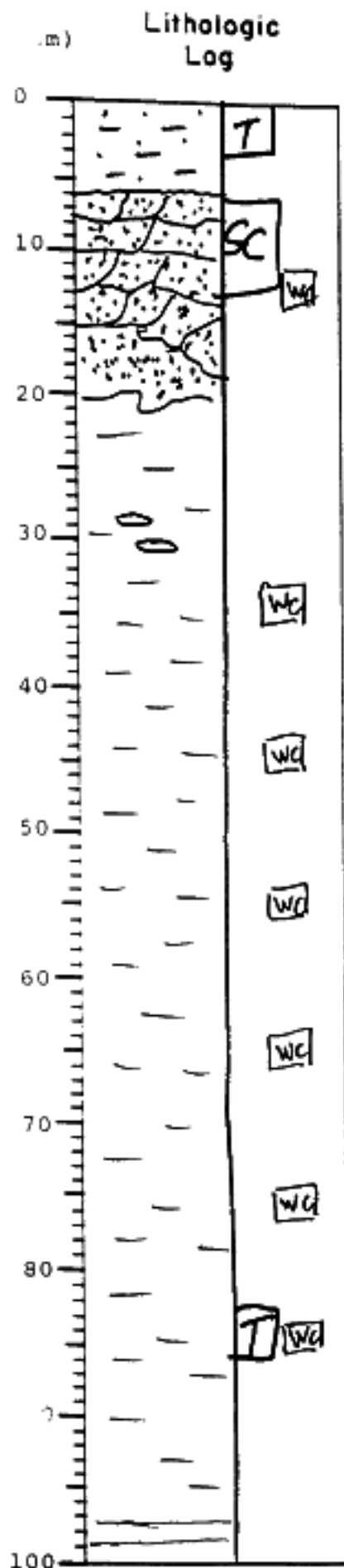
SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
1	<u>0 - 1.00</u>	<u> </u>
2	<u>1.00 - 1.70</u>	<u> </u>
3	<u> </u>	<u> </u>
4	<u> </u>	<u> </u>
5	<u> </u>	<u> </u>
6	<u> </u>	<u> </u>
7	<u> </u>	<u> </u>
8	<u> </u>	<u> </u>
9	<u> </u>	<u> </u>
10	<u> </u>	<u> </u>

+ c/c

TC20 0 - 0.74

+ c/c

1 section

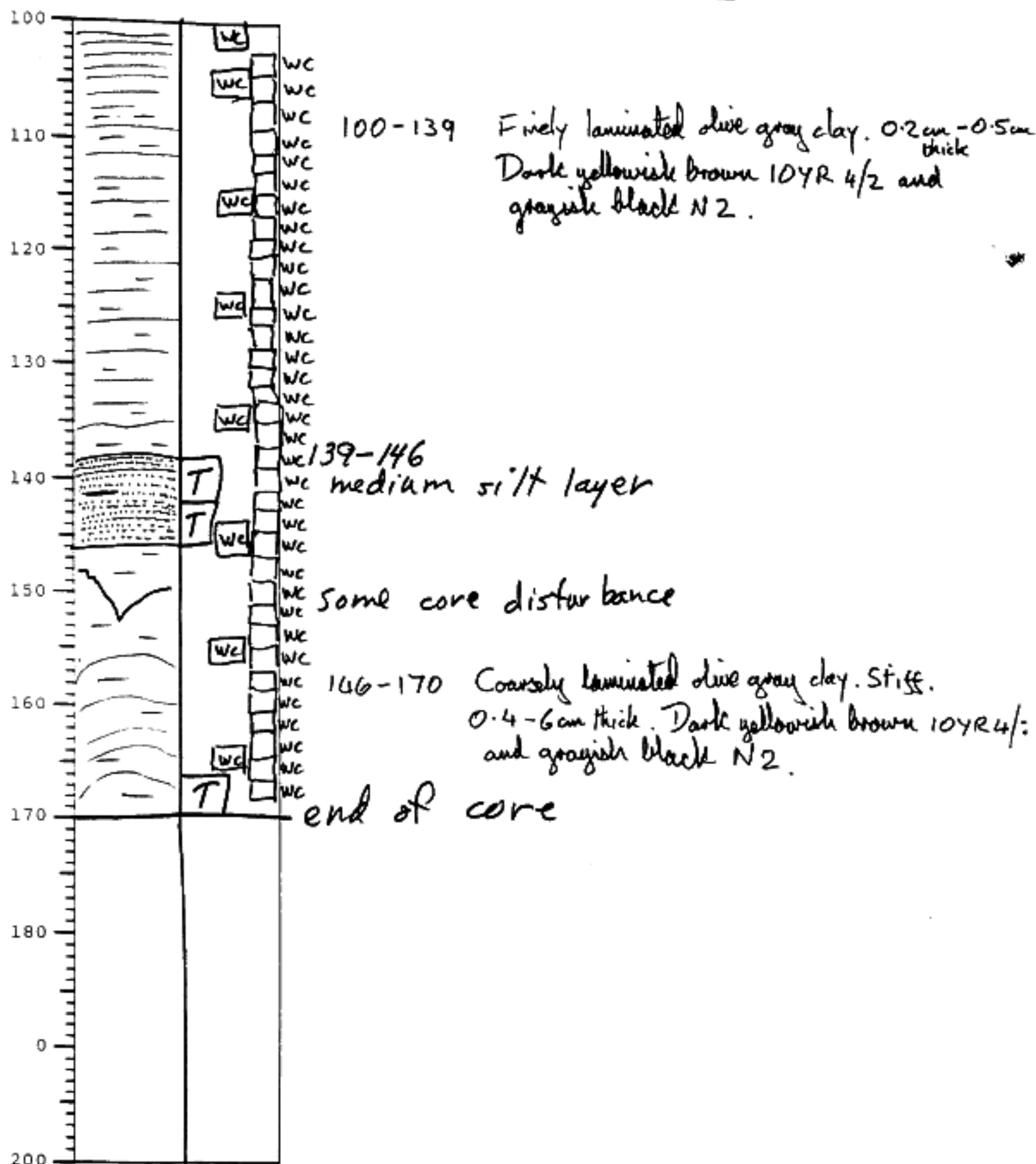


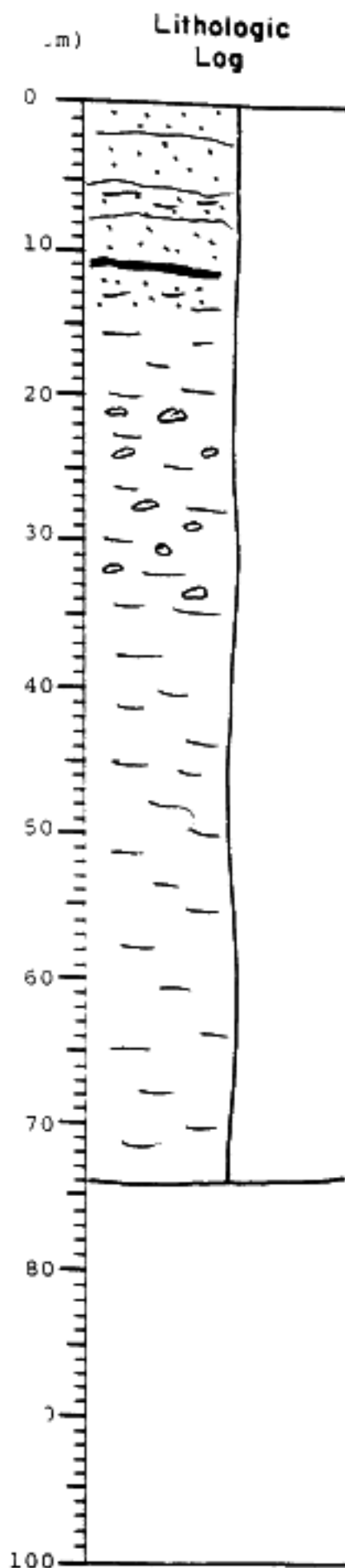
Detailed Description

- 0-6 Dark yellowish brown (10YR 4/2) ooze
- 6-18 Oxidized + indurated sand yellow to rust red limonite + hematite stained + cemented (10R 3/4) Broken into pieces and disturbed
- 18-22 Olive gray ooze - mottled + disturbed
- 22-100 Olive gray (Dark yellowish brown 10YR 4/2 grading dusky yellowish brown by 1m. (10YR 2/2) homogenous clay
- 30-35 cm possible gas vesicles
- 60-110 Dark gray patches increasing in numbers down core (Organic deposits in barrows?)

98-100 Laminations

1) Lithologic Log

Detailed Description

Sta. _____ Core No. TC20Detailed Description

0-14 Muddy foramin sand. Bands of dark yellowish orange 10YR 6/6 and moderate yellowish brown 10YR 5/4

11 cm 0.5 cm thick crust - blackish red 5R 2/2 in core

23-35 Possible gas vesicles

14-74 Olive gray homogeneous clay. Dark yellowish brown 10YR 4/2.

20-23 Grayish olive mud clay filled burrows