

EXHIBIT 5

Fractured Formation

Pictured
Cliffs
Sandstone

lens
slab

coal zone

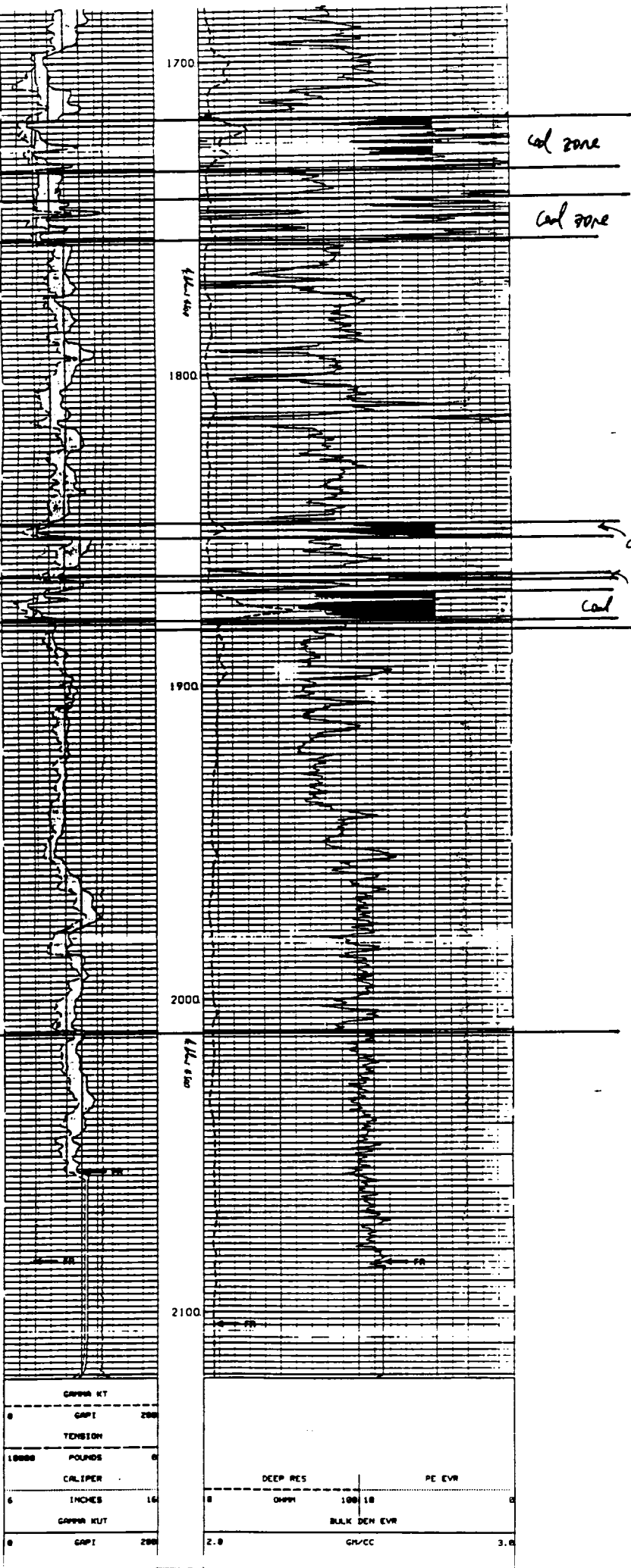
coal zone

coal

coal

coal

HALLIBURTON LOGGING SERVICES, INC.		HIGH RESOLUTION SPECTRAL DENSITY DUAL SPACED NEUTRON	
COMPANY HERIDIAN OIL INC.		WELL ACADIAN NO 500	
FIELD BASIN PRUITLAND/FELC		STATE NJ	
COUNTY SAN JUAN		COUNTY SAN JUAN	
TWP 27N		RGE 10W	
SECT 20		ELEV 6126	
LOG HEADERS FROM K & D OR 13		FT ABOVE PERM BATHY	
DITLINE HEADERS FROM KELLY BATHY		ELEV: K. D. 6130	
DATE 10/20/93		O.F. 6130	
WELL NO 500		C.L. 6129	
DEPTH-START 2125			
DEPTH-STOP 2121			
WTH LOG TAPER 2113			
TOP LOG TAPER 2100			
CONTING DITLER 8 625000			
CONTING-LOGGING 214			
WTH SIZE 7 0/8			
TYPE FLUID IN HOLE FRESH WAD			
WTH 1 VISC 8 0 1SS			
WTH 1 FLUID LOSS 5 0 1HR			
SOURCE OF SAMPLE FLOUTING			
WTH 0 REAR TEMP 2 15 000			
WTH 0 REAR TEMP 1 61 000			
WTH 0 REAR TEMP 2 79 000			
SOURCE OF TEMPERATURE REAR THERM			
WTH 0001 1 50 0100			
WTH 0002 8 0000			
WTH 0003 11:30 0 0			
WTH 0004 100 07 0			
EQUIP 1 LOCATION 515-000000			
RECORDED BY BEN BENTON			
WITNESSED BY C. K. BENTON			



0	GAUSS KT	200
0	GAUSS	200
10000	TENSION	0
6	POUNDS	16
6	CALIPER	16
0	GAUSS KUT	200
0	GAUSS	200

0	DEEP RES	100 10	0
2.0	BULK DEN EVR	GM/CC	3.0

Final Print
Schlumberger

COMPENSATED NEUTRON -GR-CCL

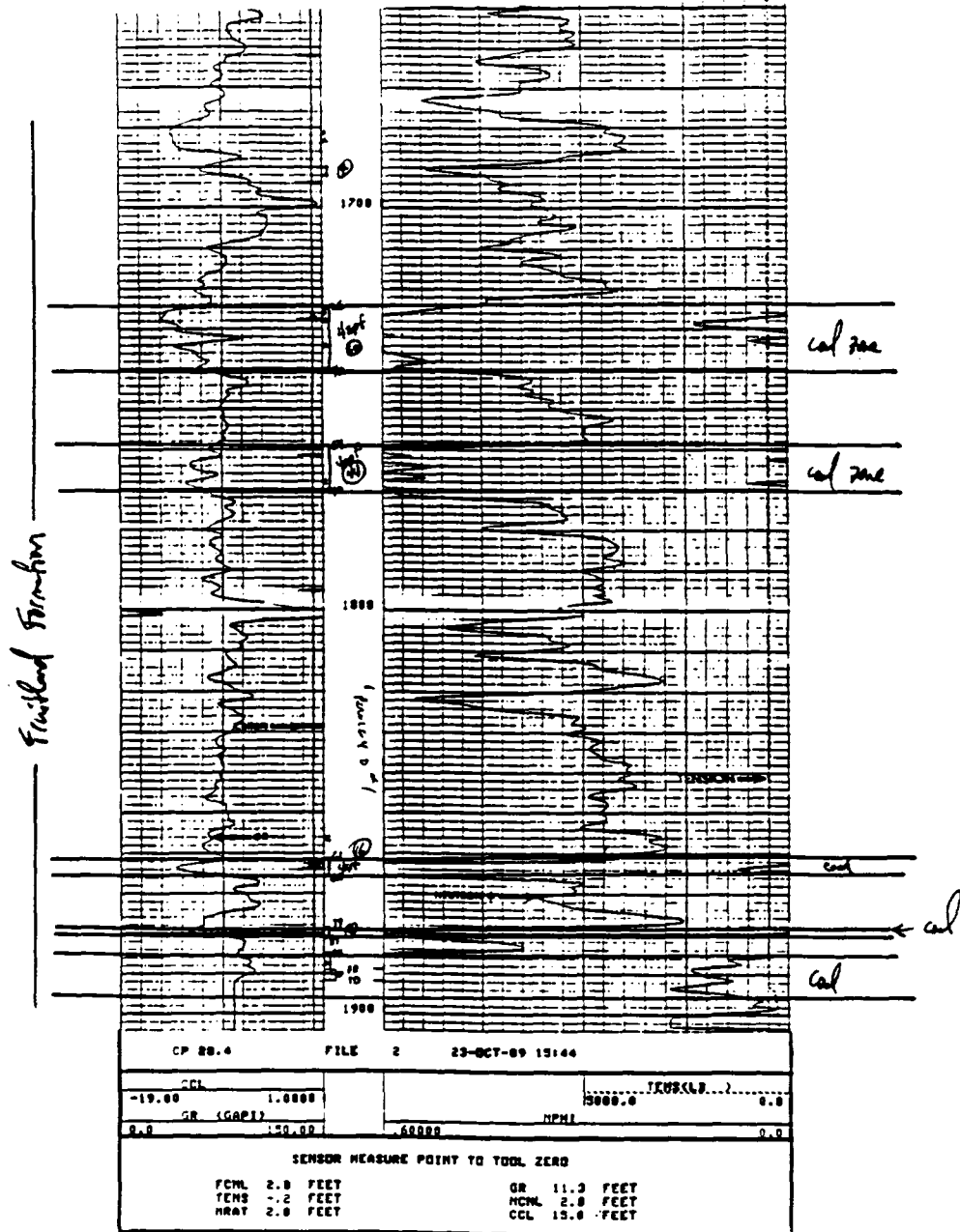
CSU

COMPANY: MERIDIAN OIL
WELL: ROWLEY D 01
FIELD: FRUITLAND
COUNTY: SAN JUAN
STATE: NEW MEXICO
NATION: U.S.A.
LOCATION: 790° FNL & 890° FNL
SEC: 27 TWP: 27N RGE: 10W

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 6128.0 F
LOG MEASURED FROM: KB
10.0 F ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB
ELEVATIONS-
KB: 6138.0 F
DPI: 6188.0 F

DATE: 23 OCT 89
RUN NO: 1

DEPTH-DRILLER: 1804.0 F
DEPTH-LOGGER: 1892.0 F
BTH. LOG INTERVAL: 1892.0 F
TOP LOG INTERVAL: 1300.0 F
CASING-DRILLER: 1804.0 F
CASING-LOGGER: 1892.0 F
CASING: 5.5
WEIGHT: 15.3000 LB/F
BIT SIZE: 7.875
DEPTH:



[illegible]

