THE ANALYSTS
Schlumberger

PHYSICAL FORMATION LOG

LAFAYETTE NEW ORLEANS HOUSTON

COMPANY Shell Western E. & P., Inc.
WELL Nueces Mineral Company # 1
AREA Piedra Creek
COUNTY La Salle STATE Texas
SUPERVISOR Johnny McNair UNIT OLU-D-012 JOB # 40-30739

HOLE SIZE	CASING RECORD
8 3/4" TO 9574	10 3/4" TO 1550
TO	TO
TO	TO
TO	TO

STARTED LOGGING AT 1550 FEET 1/10/85 CEASED LOGGING AT 10,000 FEET 3/1/85

MUD TYPES Native Gel TO 4700 FT.; Lignofulfonate TO 10,000 FT.

"The Analysts, Inc., does not warrant the accuracy or correctness of any interpretation, recommendation or measurement contained herein. The interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule."

ABBREVIATIONS
- LAT - LOGGED AFTER TRIP
- LAST - LOGGED AFTER SHORT TRIP
- NR - NO RETURNS
- NB - NEW BIT
- NDB - NEW DIAMOND BIT
- E.LOG - ELECTRIC LOG
- CO - CIRCULATE OUT
- CIRC - CONDITION HOLE

☒ MIN/FT. ☐ FT/HR

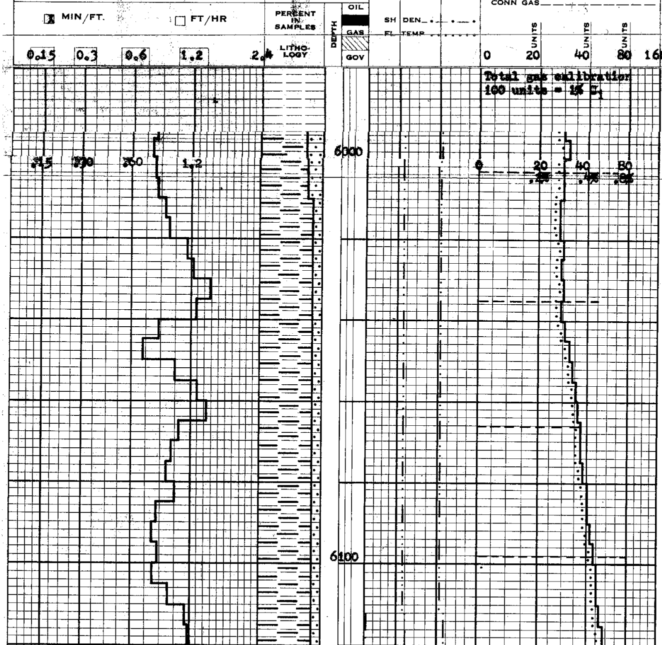
LITHOLOGY
- SAND
- LIME
- SHALE
- LIGNITE
- SALT

DRILLING FLUID ANALYSIS
PERCENT GAS BY VOLUME
- BUTANES .025 % PER DIV.
- PROPANE .025 % PER DIV.
- ETHANE .05 % PER DIV.
- METHANE % PER DIV.

TRIP GAS
CONN GAS

SHOW VALUES
- 5 - PROB NON PROD.
- 10 - POSS PROD.
- 15 - PROB PROD.

MUD DATA



FORMATION DESCRIPTION

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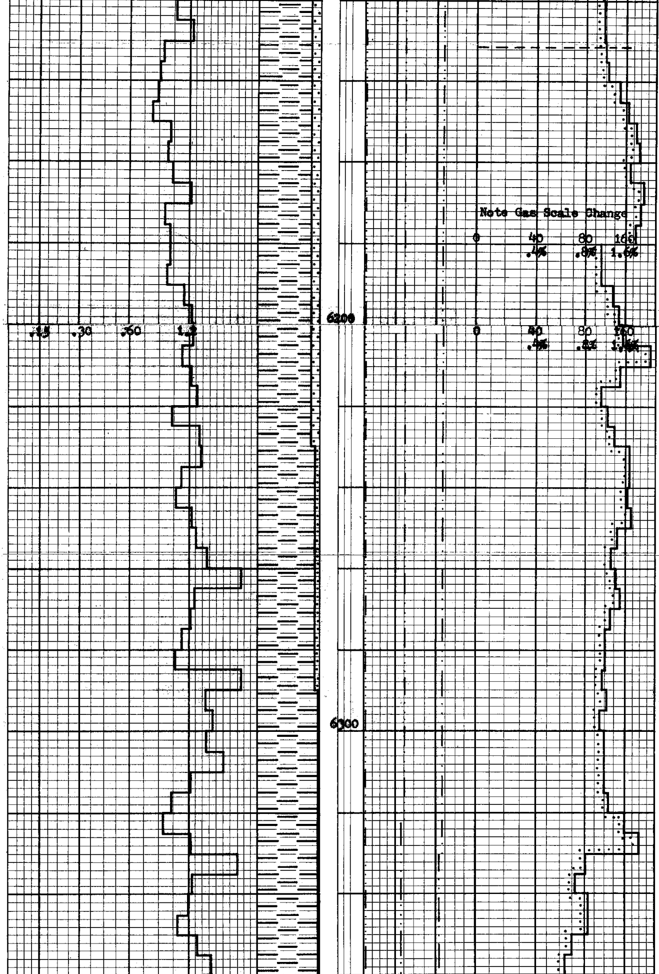

SD wh clr vfgr
fgr sbang
sbrndd mod
cons mod srt
calc cmt

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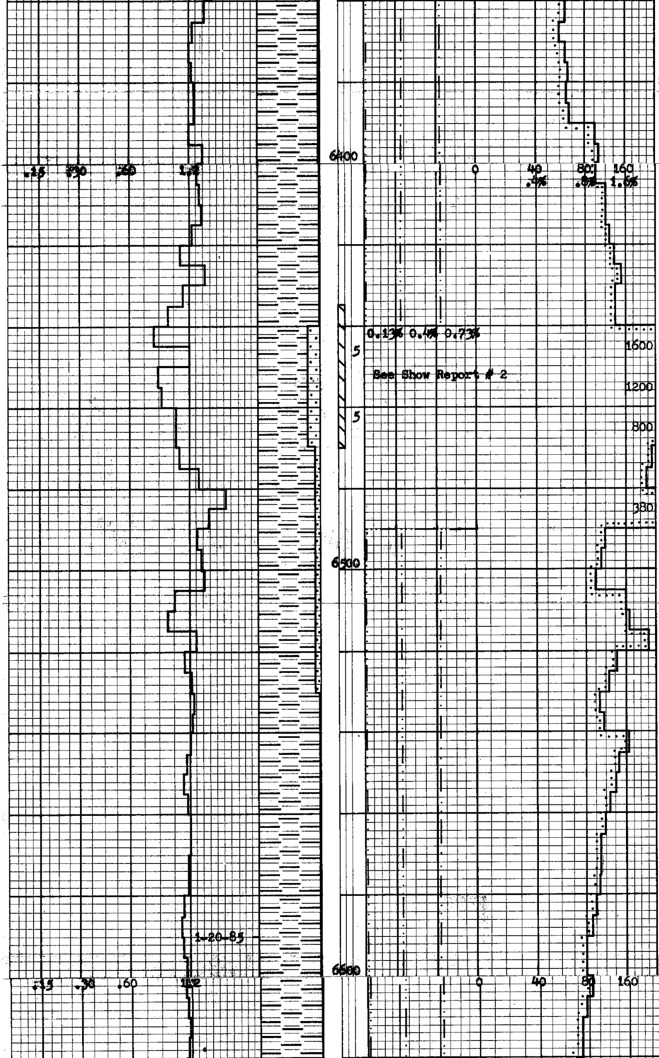
blky splty
sli calc occ
mod calc fnly
mic



See Show Report # 2

1-20-85

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hd flk blky
tab calc occ
slty occ sdy

SD lt gry tn vfgr
sbang cons
wl srt calc
cmt Glaue

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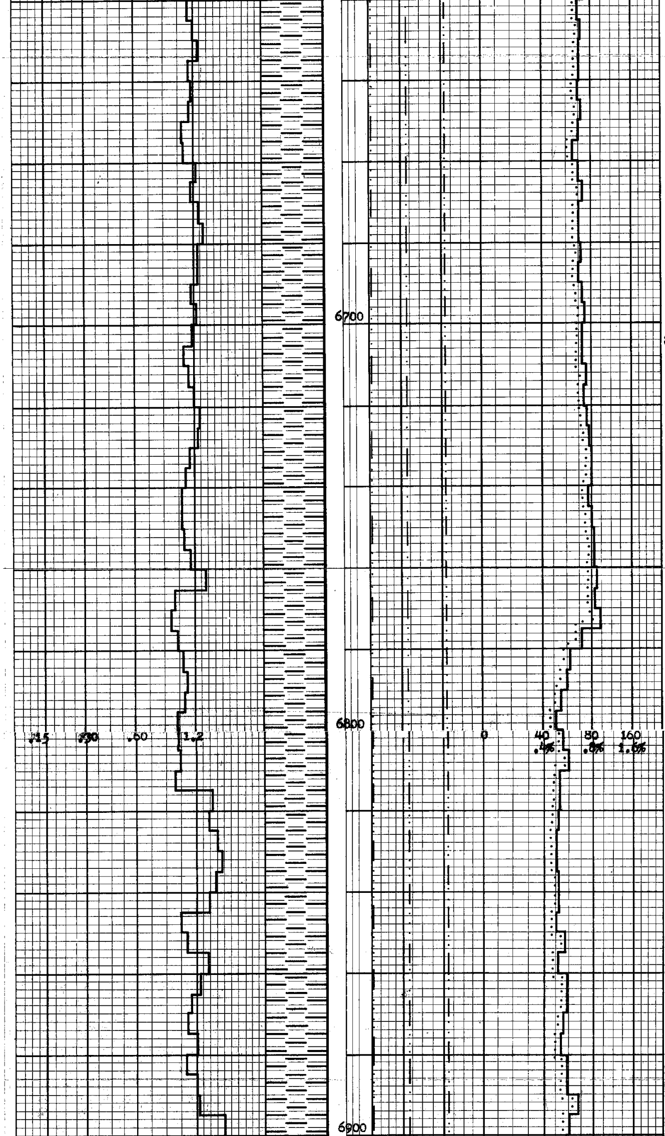
dk gry-brn
med gry-brn
frm mod hd
splty occ v
slty v sli
calc occ non
calc fnly mic



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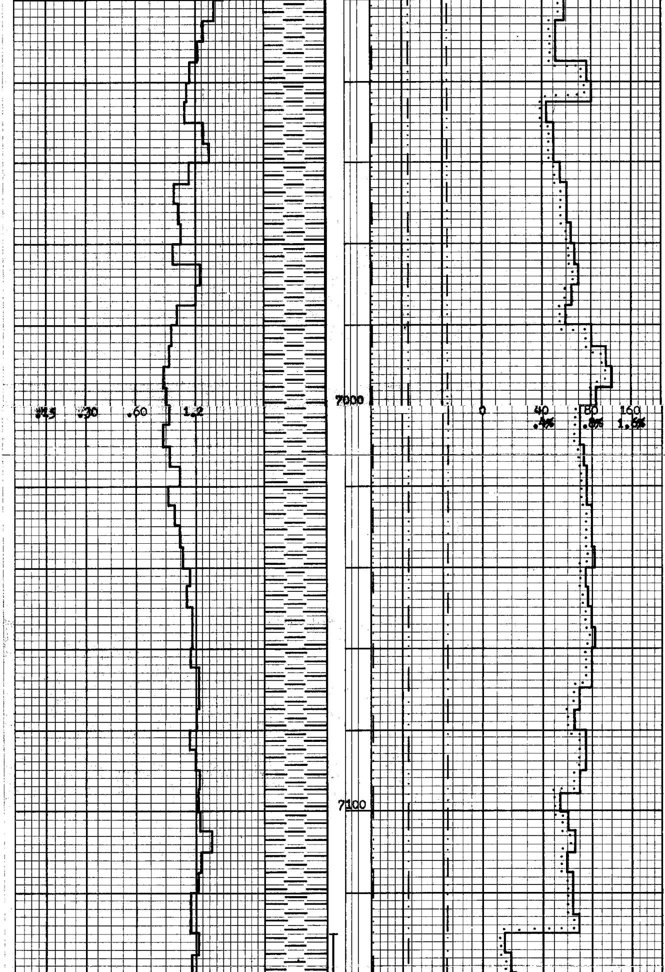

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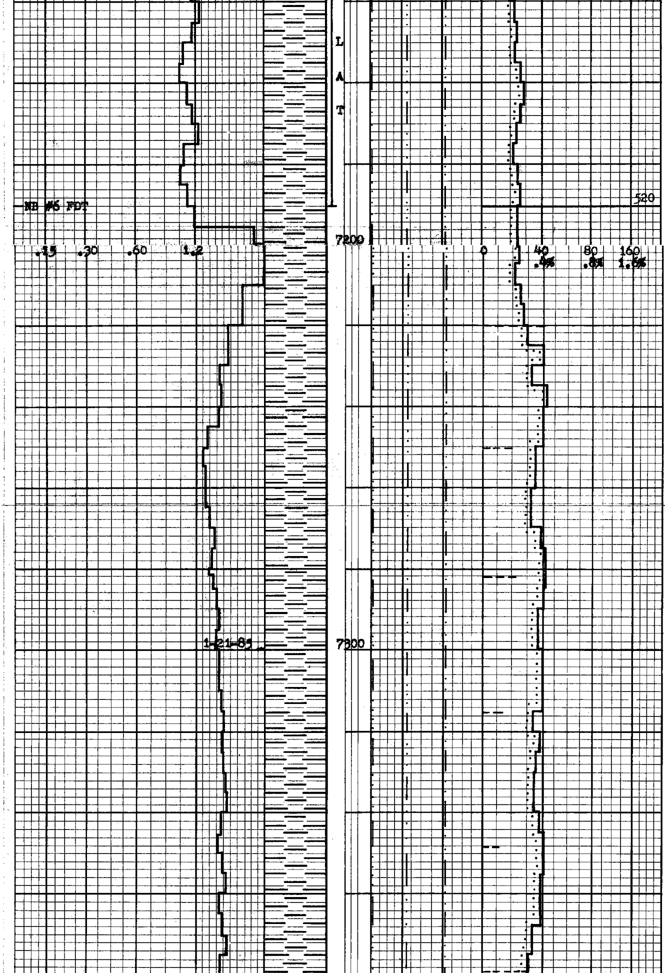
hd flk splty
non calc brit



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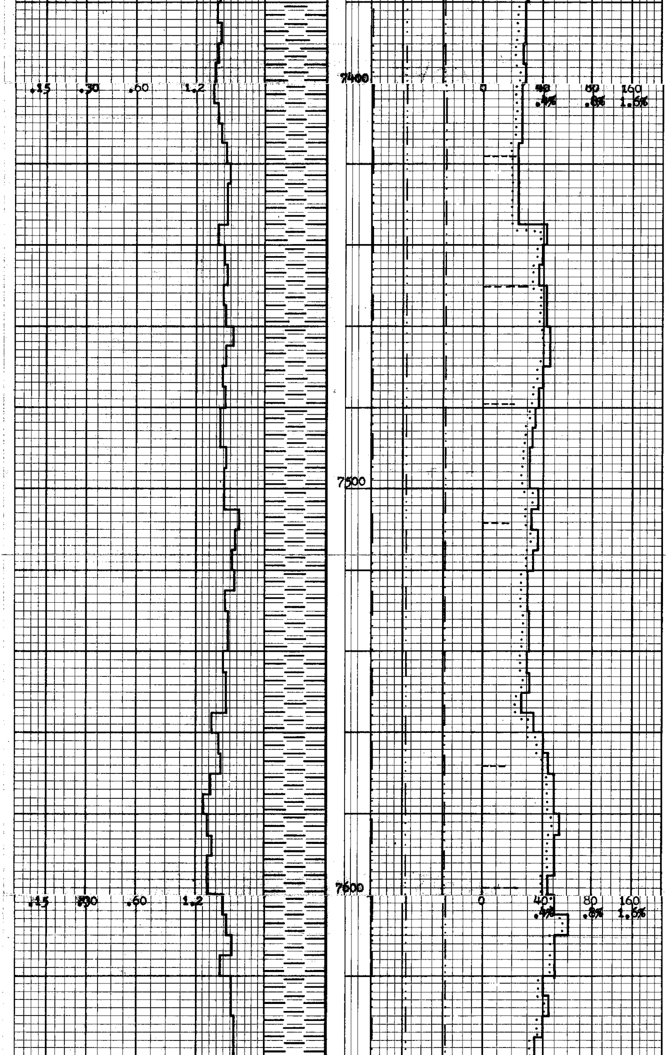
brn hd splty
flk blky non-
calc occ sli
calc fnly mic



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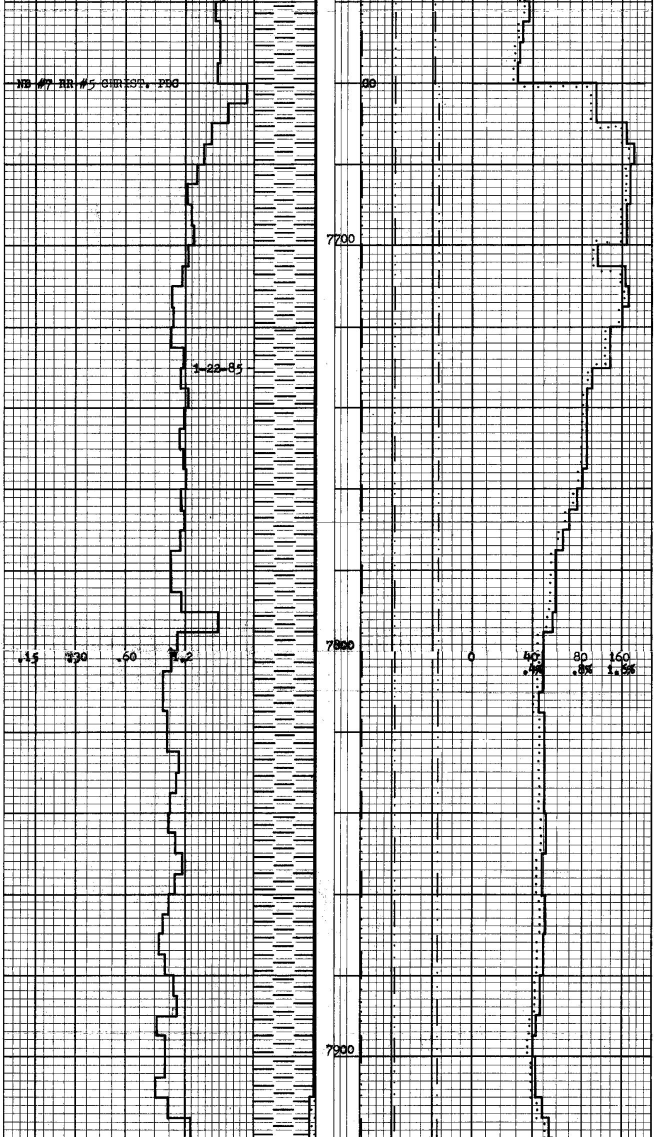
blky &plty flk
non calc occ
sli calc



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mod hd blky
splty flk occ
slty

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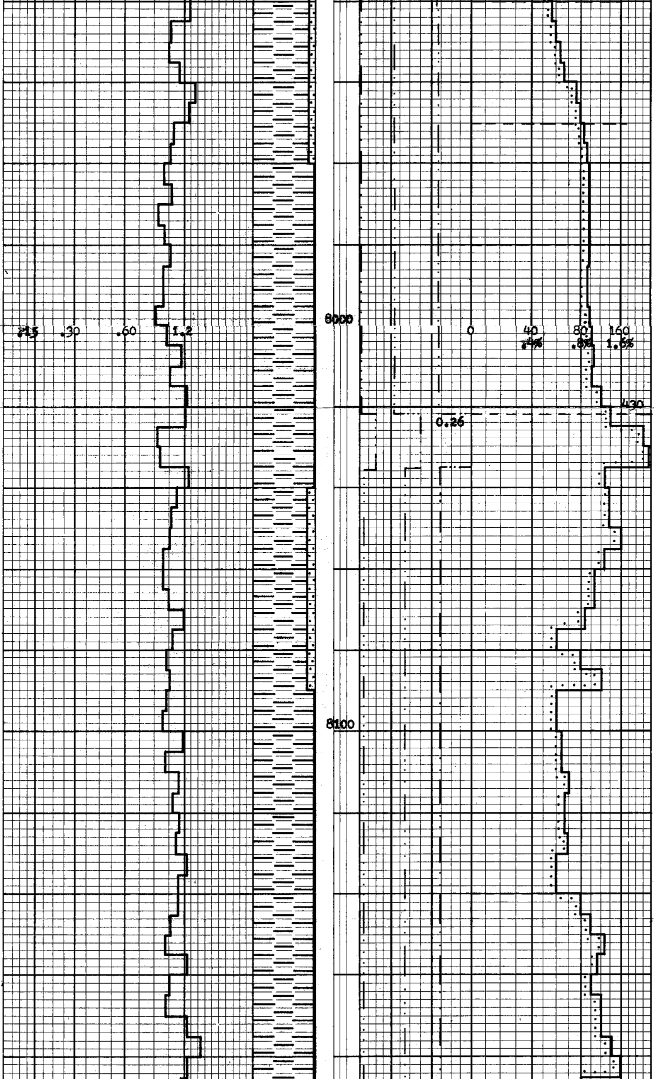
v calc abd pyr
tr Foss



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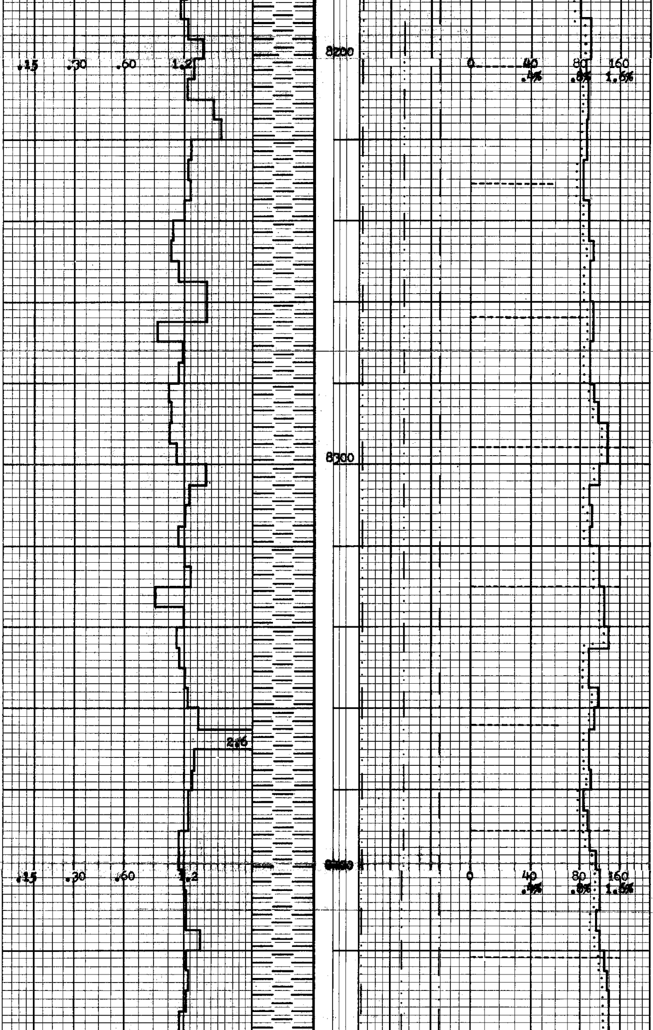
med gry-brn hd
mod hd blky
splty tab
v slty v calc
occ sdy

SD wh lt gry vfgr
sbrndd sbang
mod cons wl
srt calc cmt

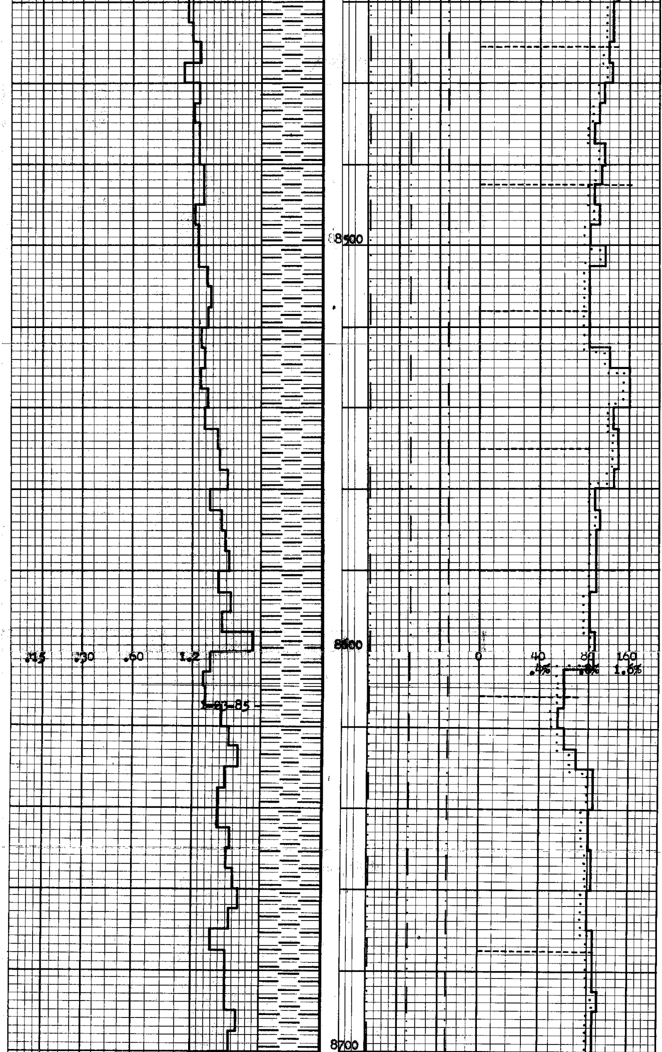
SH dk gry dk gry-
brn mod hd flk
blky tab slty
occ sdy calc



SH dk gry dk gry-
brn mod hd flk
blky tab occ
brit calc foss

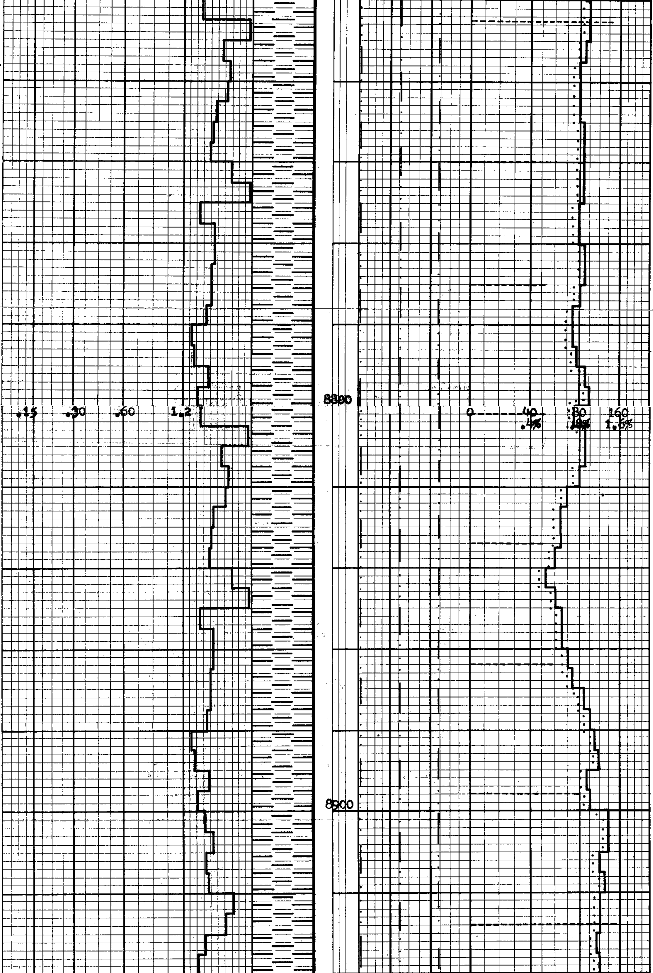
MW 10.1 Vis 34
CL 700 WL 8
PV 10 YP 3

SH dk gry-brn dk
gry hd flk
blky tab slty
occ sdy calc



SH dk gry-brn med
gry-brn hd
blky tab v calc
slty

SH dk gry-brn dk
gry med brn
hd splty blky
calc slty occ
non-slty



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med gry-brn
hd mod hd
splty blky
slty v calc
occ non-slty
occ sli calc

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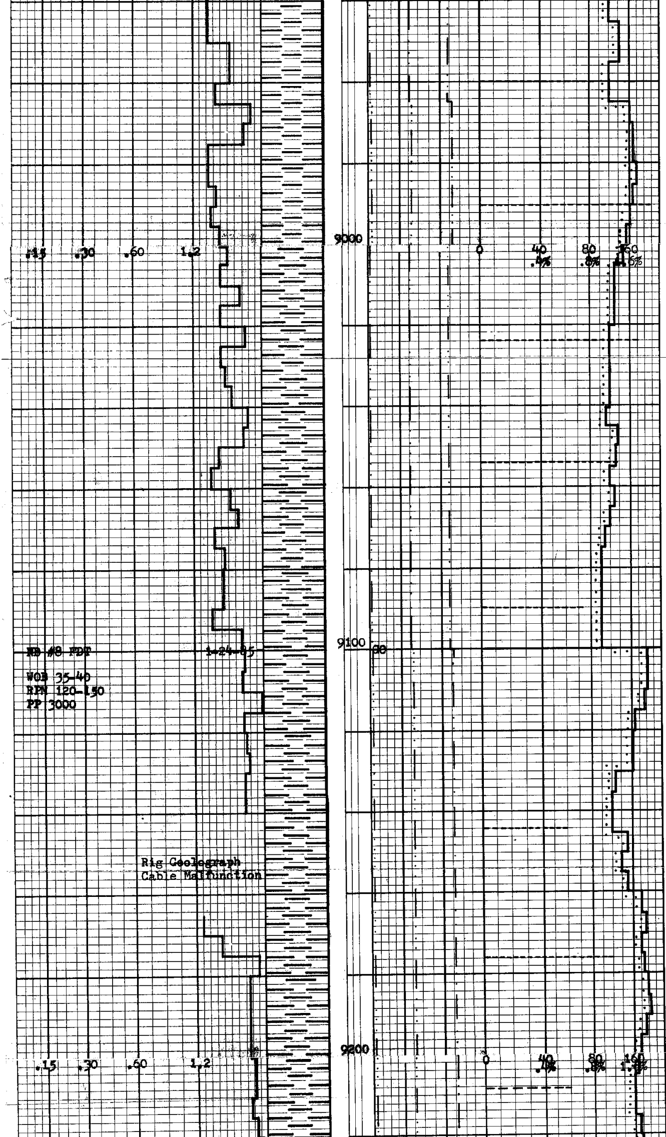
gry med gry-
brn hd mod hd
splty blky v
calc slty occ
non-slty occ
sli calc



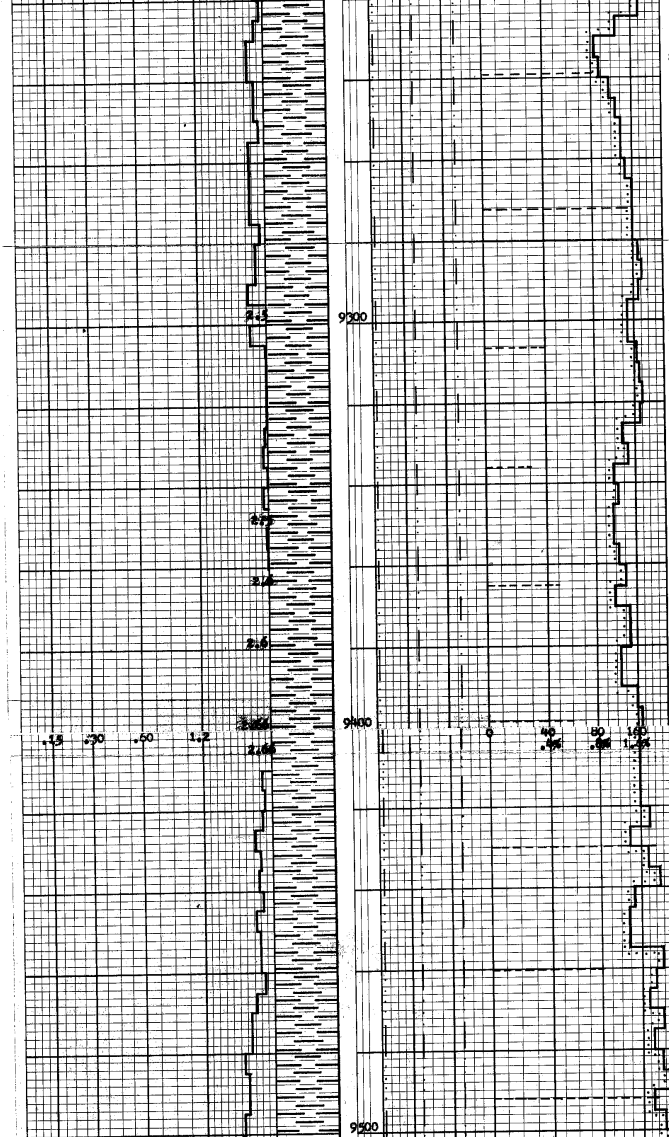
MD #8 FDT 1-24-85

WOB 35-40
RPM 120-150
PP 3000

Rig Geolograph
Cable Malfunction

SH dk gry-brn dk gry med gry-brn hd mod hd splty blky v calc slty occ non-slty occ sli calc

MW 10.4



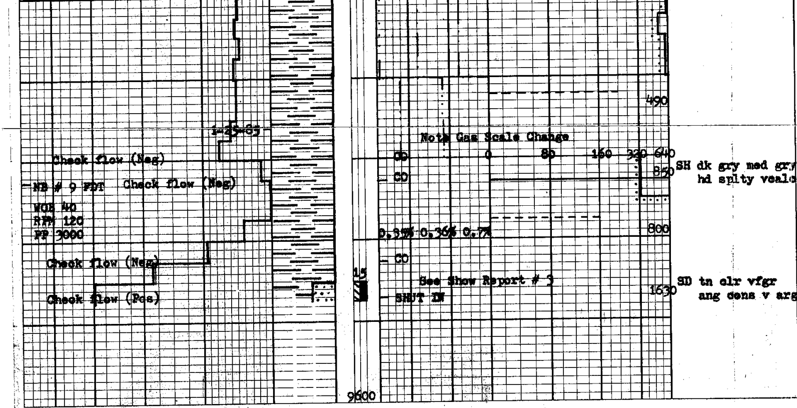
SH dk gry dk gry-
brn hd mod hd
splty blky
sli calc occ
non calc occ
slty

MW 10.7

SH med gry-brn lt
gry-brn med
brn mod hd blky
v slty lmy

MW 10.9

SH med gry-brn lt
gry-brn med brn
mod hd blky
splty v slty
lmy sli foss



Form 04 U.S. Scale