MASTERLOG
BMA A6A

GENERAL	SURFACE POSITON	HOLE / CASING INFO	DATE / DEPTH	ENGINEERS
Country : AUSTRALIA	GDA Co-ord X : 147 46 20.421E	8-1/2" Hole to 3256.0m MDRT	Spud Date : 02-02-2006	Steve Oades
Permit : VIC L13	GDA Co-ord Y : 38 29 58.784S		Total Depth Date : 12-02-2006	Noel Elliott
Field : Bream	MGA Co-ord X : 567347.12mE	10-3/4" Csg Shoe at 851.0m MDRT	Total Depth : 3256.0m MDRT	Mark Smith
Basin : GIPPSLAND	MGA Co-ord Y : 5738461.49mN	7" Production Csg at	True Vertical Depth : 1994.7m TVDRT	
Well Type : DEVELOPMENT	RT to MSL : 32.82m		Log Scale : 1/ 500	
Rig Name : NABORS 453	RT to Sea Bed : 92.22m			

ABBREVIATIONS

MW	Mud Weight	WOB	Weight on Bit (klbs)
FV	Funnel Viscosity	RPM	Rotations Per Min
PV	Plastic Viscosity	FLW	Flow Rate (gpm)
YP	Yield Point	SPP	Pump Pressure (psi)
Gel	Gel Strength	RR	Re-Run Bit
WL	Water Loss	TG	Trip Gas
KCl	Potassium Chloride	CG	Connection Gas
Cl	Chlorides	BG	Background Gas
Incl	Inclination	DGP	Drilled Gas Peak
Az	Azimuth	MM	Mud Motor

LITHOLOGY LEGEND

CLAYSTONE, MARL, BRYOZOA, CARB FRAGMENT, SILTSTONE, LIMESTONE, RADIOLARITES, QUARTZITE, SST: F - V FINE, DOLOMITE, ECHINOIDS, INTRUSIVES, SST: MEDIUM, CHERT, CORALS, GLAUCONITE, SST: COARSE, CONGLOMERATE, FORAMINIFERA, PYRITE, SHALE, COAL, LITHIC FRAGMENT, CEMENT

ENGINEERING LEGEND

CASING SHOE, WIRELINE LOGS, LINER HANGER, MDT POINTS:, BIT CHANGE, PRESSURE ONLY, DEVIA. SURVEY, SAMPLE, SWC UNRECOV, SEAL FAILURE, SIDEWALL CORE, TIGHT, CORE

ROP (m/hr) 500 50 5 .5

WOB (tons) 50 25 0

MWD Gamma Ray (api) 0 100 200

DEPTH (m) (TVD)

CUTTINGS LITHOLOGY % 0 100

RESERVAL GAS DATA

C1, C2, C3, iC4, nC4, iC5, nC5, TG

Total Gas in Units Chromatograph in PPM

.5 5 50 500 5K

100 1K 10K 100K 1000K

CUT FLUOR good fair poor

DIRECT FLR good fair poor

LITHOLOGY DESCRIPTIONS and REMARKS

840
850
860
(812.6)
870
880
(831.4)
890

WOB:10-15
TDRPM:0
MMRPM:142
SPP:1120
FLW:495

MW:9.1
FV:52
PV:12
YP:22
Gel:6/8
WL:5.5
pH:11.0
Cl:44k

BIT #1 8 1/2"
Smith S73PX
Jets: 6x20
In : 851.0m MDRT
Out : 3256.0m MDRT
Run : 2405.0
Hrs : 82.6
Cond:

Tie in Survey:855.00mMD (807.97mTVD)
22.13°inc 38.44°az

100 / Tr

Survey:881.48mMD (832.8mTVD)
18.78°inc 55.18°az

PREVIOUS WELL HISTORY
Plugged & Abandoned in January, 2006.
10-3/4" Surface Csg 851.0m MDRT
7" Production Csg cut and pulled from 925.0m MDRT
Kick-off plug from 771.0m MDRT to 928.0m MDRT

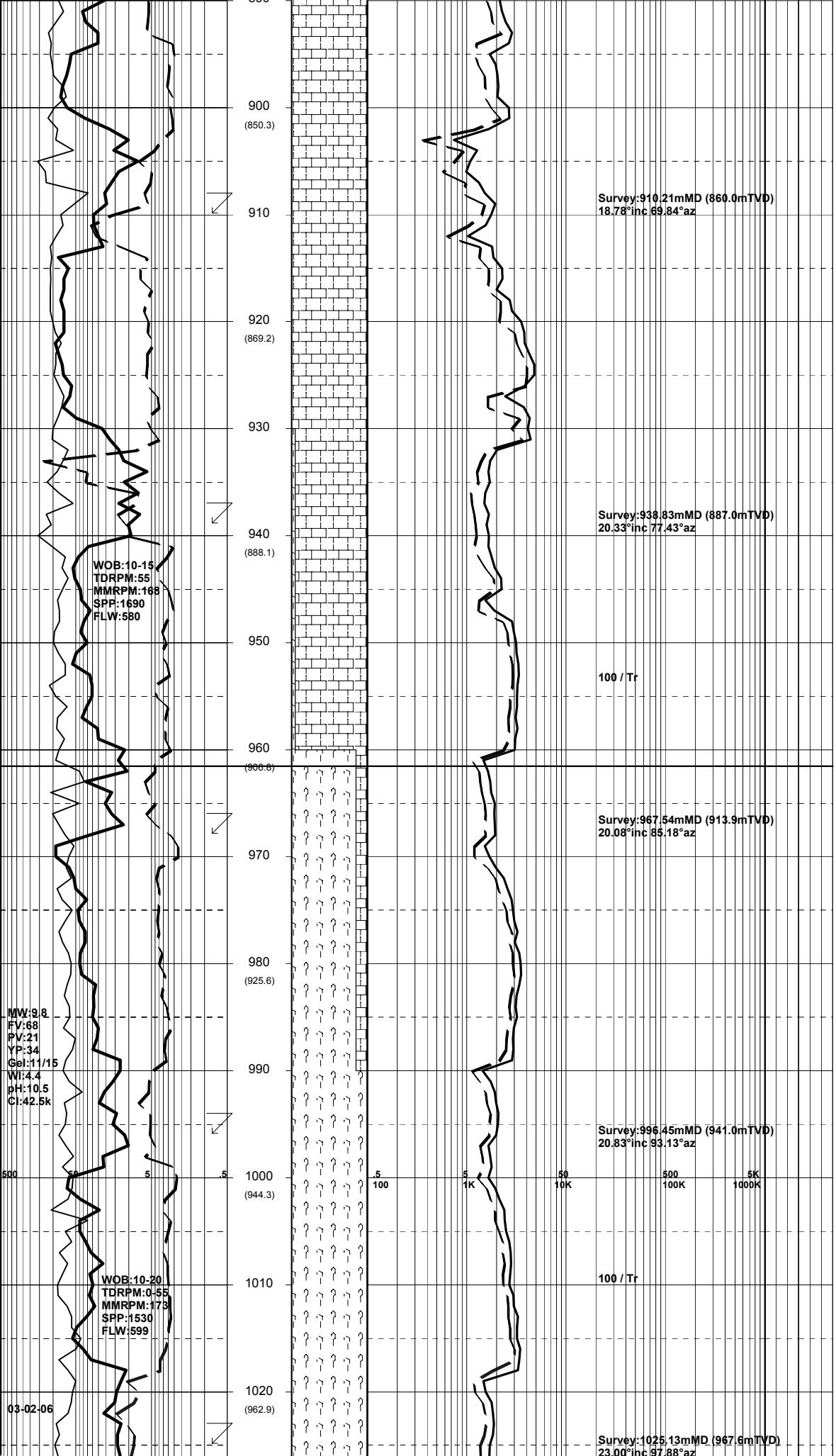
Bream A6A kick-off at 05:00 hours on 02-02-2006 from 855.0m MDRT 807.96m TVDRT

Drill with KCl/Glycol/PHPA mud system.

PIT at 873.0m MDRT
825.0m TVDRT
550 psi 9.1 ppg EMW:13.0 ppg

No H2S or CO2 Detected

CALCILUTITE:v lt gy-lt gy,slty i/p, g/t Calcisiltite,tr foss frag, sft-frm,sbblky.



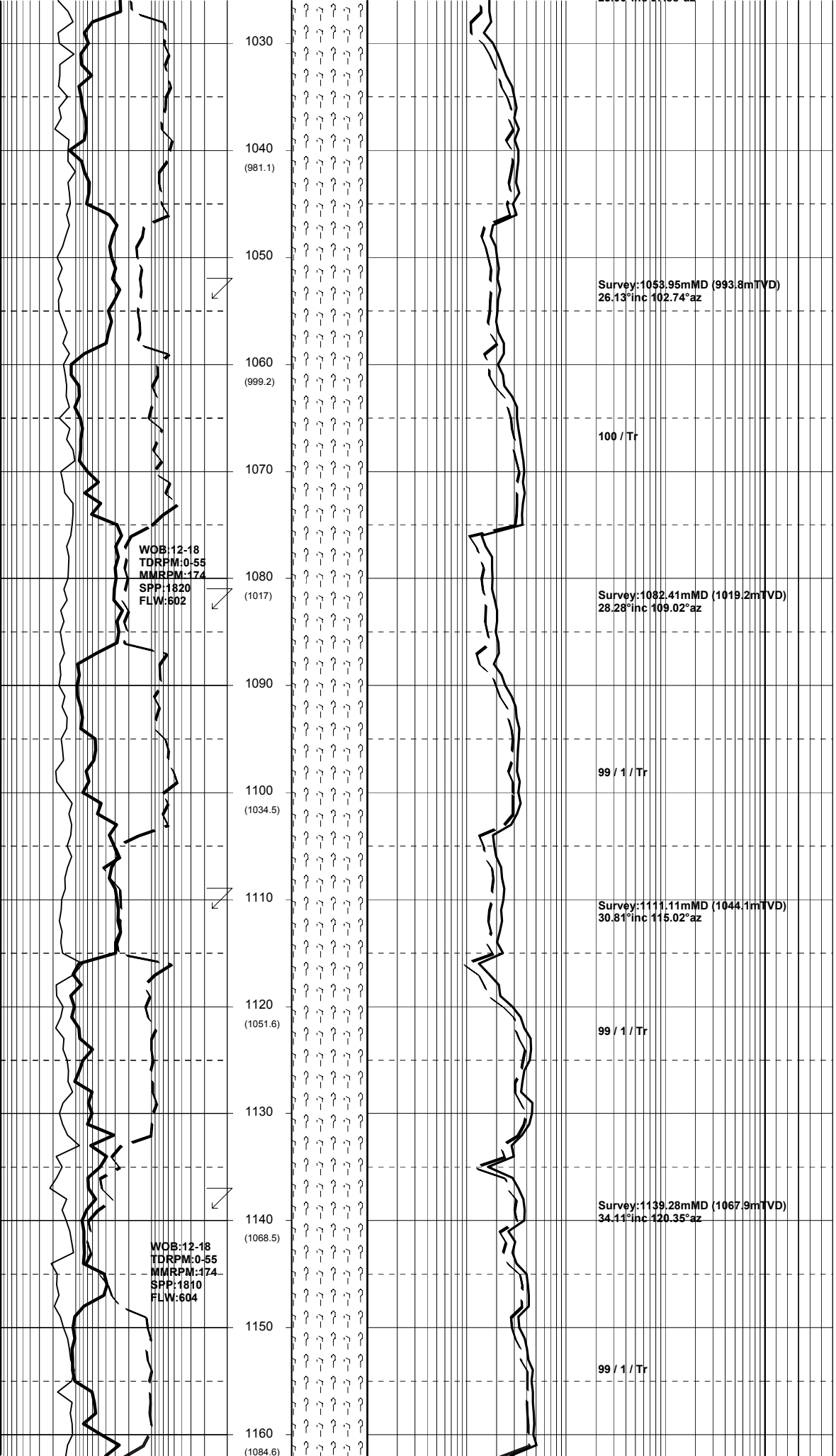
CALCILUTITE:med lt gy-lt gy occ v lt gy,slty i/p,g/t Calcisiltite,tr foss frag,com foram,sft-frm,sbblky.

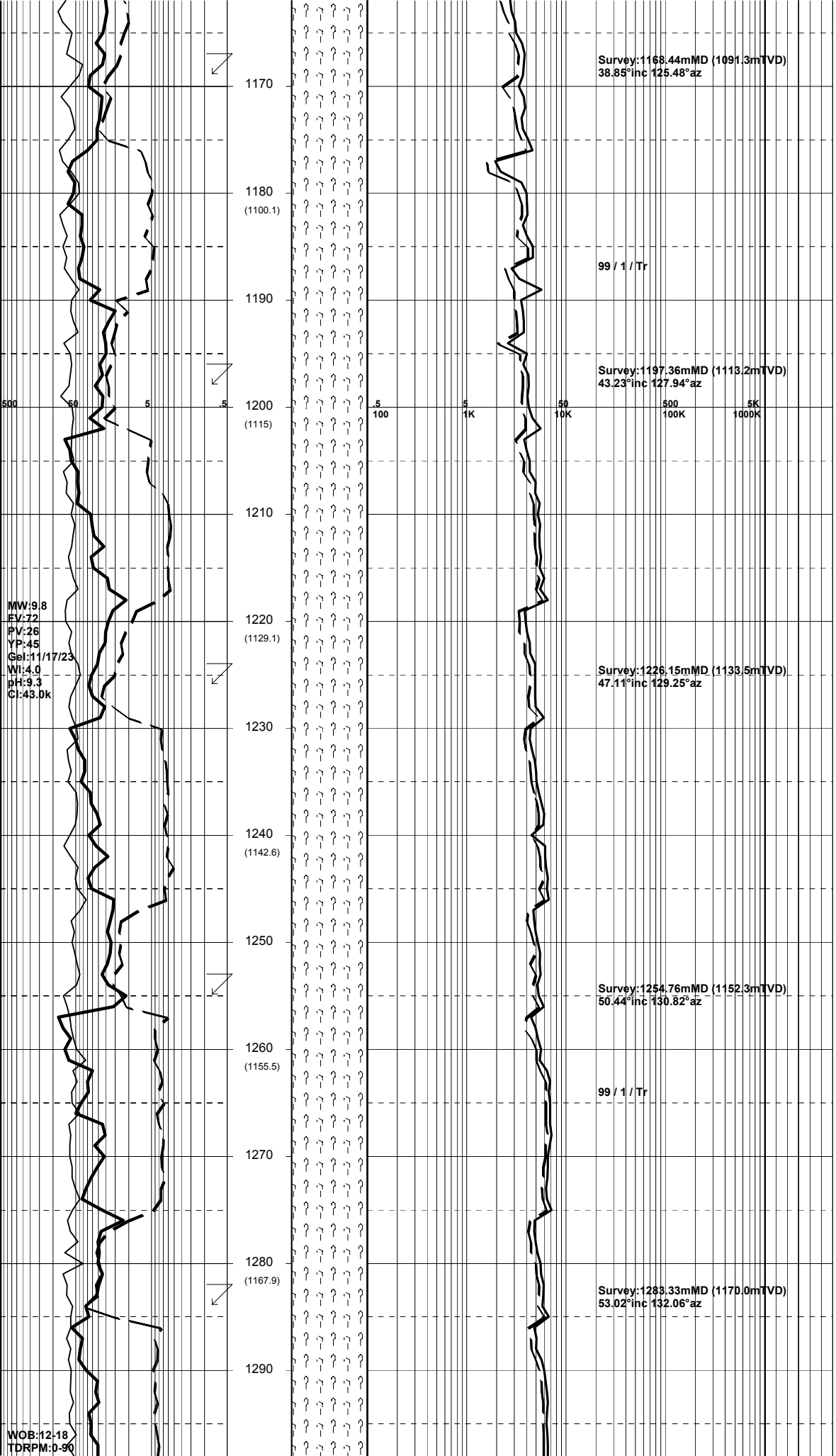
CALCILUTITE:med lt gy-lt gy occ v lt gy,slty i/p,g/t Calcisiltite,com foss frag,com foram,sft-frm,sbblky.

Lakes Entrance
961.5m MDRT 908.3m TVDRT
(-875.5m TVDSS)

CALCAREOUS CLAYSTONE:med gy-med dk gy,occ slty i/p,g/t ARG SLTST,mod calc,tr dissem pyr,com foss frag,frm-mod hd,sbblky-blky.

CALCAREOUS CLAYSTONE: med gy-lt gy occ v lt gy,slty i/p, com foram,sft-frm,stky,sbblky.


1030
1040
(981.1)
1050
1060
(999.2)
1070
1080
(1017)
1090
1100
(1034.5)
1110
1120
(1051.6)
1130
1140
(1068.5)
1150
1160
(1084.6)
WOB:12-18
TDRPM:0-55
MMRPM:174
SPP:1820
FLW:602
WOB:12-18
TDRPM:0-55
MMRPM:174
SPP:1810
FLW:604
Survey:1053.95mMD (993.8mTVD)
26.13°inc 102.74°az
100 / Tr
Survey:1082.41mMD (1019.2mTVD)
28.28°inc 109.02°az
99 / 1 / Tr
Survey:1111.11mMD (1044.1mTVD)
30.81°inc 115.02°az
99 / 1 / Tr
Survey:1139.28mMD (1067.9mTVD)
34.11°inc 120.35°az
99 / 1 / Tr
CALCAREOUS CLAYSTONE:
med gy-med dk gy,slty,mod calc,rr dissem pyr,rr nod pyr,tr foss frag, rr foram,sft-frm,stky,sbblky.
CALCAREOUS CLAYSTONE:
med gy-med dk gy,slty,mod calc, tr dissem pyr, rr nod pyr,tr foss frag,rr foram,sft-frm,sbblky.
CALCAREOUS CLAYSTONE:
med gy-med dk gy,slty,mod calc,tr dissem pyr,rr nod pyr,tr foss frag, rr foram,sft-frm,sbblky.



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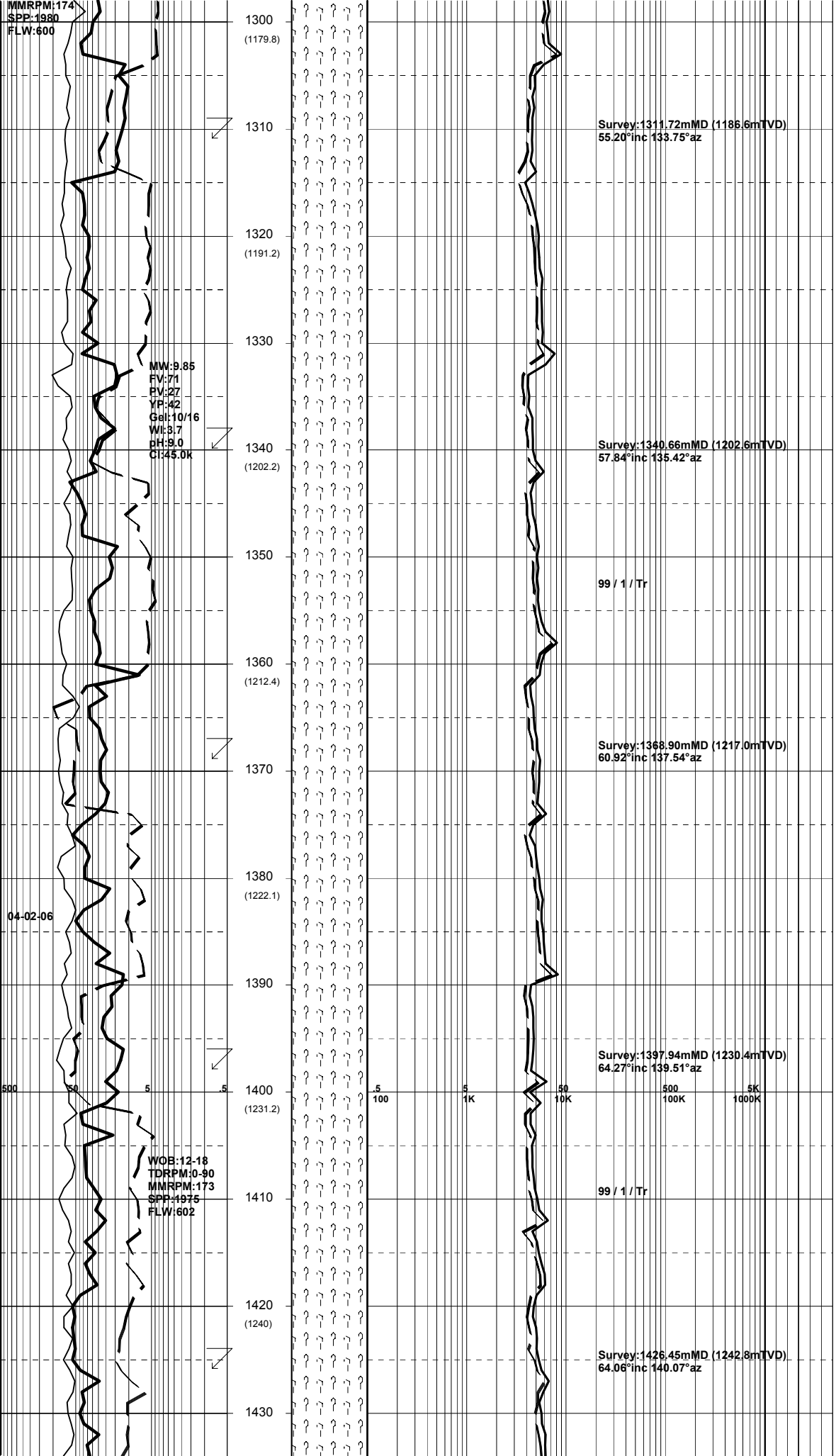
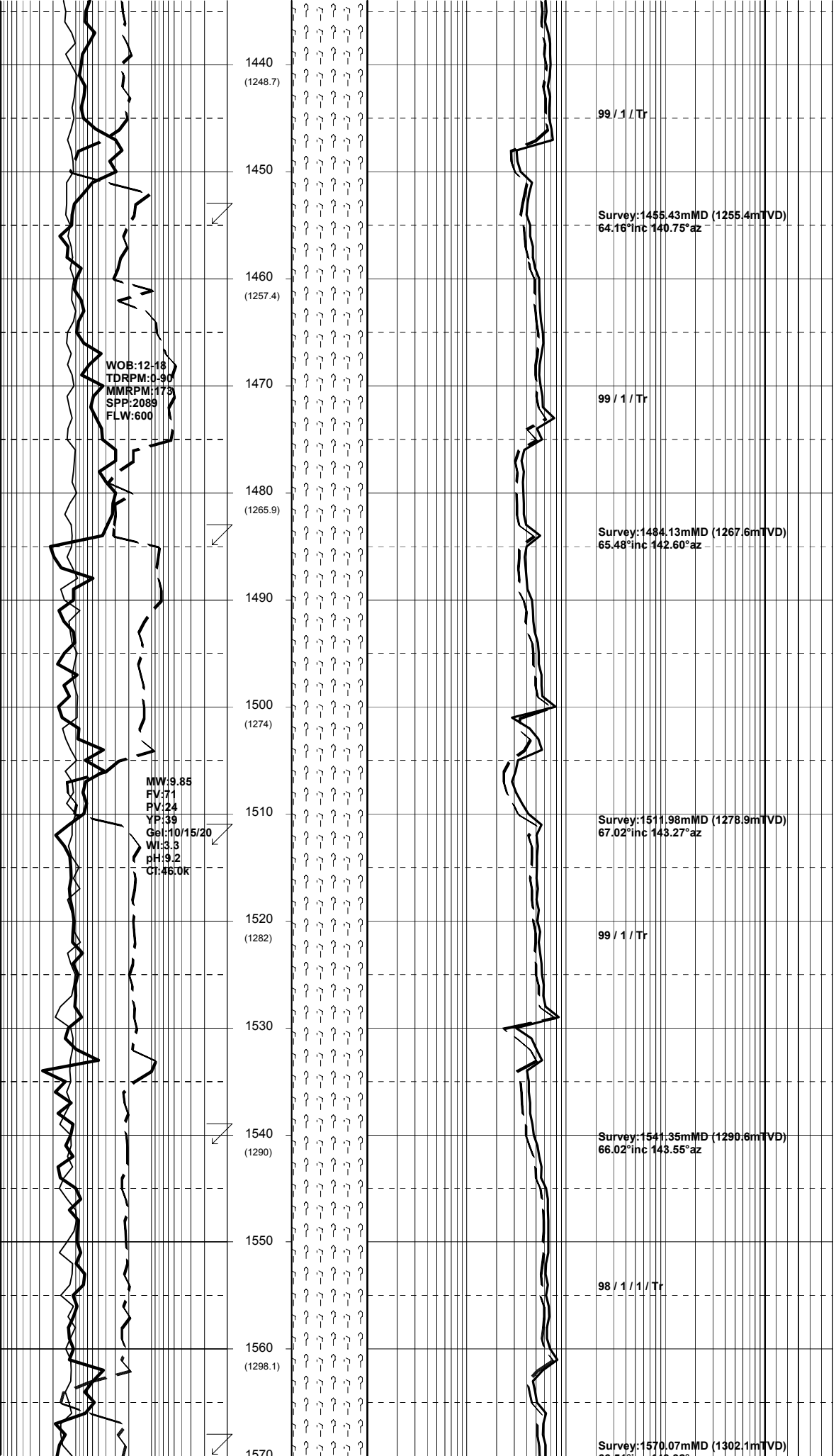
CALCAREOUS CLAYSTONE: med gy-med dk gy,occ lt bnsh gy,slty, mod calc,tr dissem pyr,rr micmic,tr foss frag,rr foram,rr gastropod,frm, stky,sbblky.

CALCAREOUS CLAYSTONE: med gy-med dk gy,occ lt bnsh gy, slty,mod calc,rr micmic,tr foss frag, rr foram,rr gastropod,frm,stky, sbblky.

CALCAREOUS CLAYSTONE: med gy-med dk gy,occ lt bnsh gy, slty,mod calc,rr micmic,tr foss frag,rr foram,rr gastropod,frm, stky,sbblky.

CALCAREOUS CLAYSTONE: med gy-med dk gy,slty,mod calc tr dissem pyr,rr nod pyr,rr foss frag,stky,sbblky.


MMRPM:174
SPP:1980
FLW:600
1300
(1179.8)
1310
1320
(1191.2)
1330
MW:9.85
FV:71
PV:27
YP:42
Gel:10/16
WL:3.7
pH:9.0
Cl:45.0k
1340
(1202.2)
1350
1360
(1212.4)
1370
1380
(1222.1)
04-02-06
1390
1400
(1231.2)
WOB:12-18
TDRPM:0-90
MMRPM:173
SPP:1975
FLW:602
1410
1420
(1240)
1430
Survey:1311.72mMD (1186.6mTVD)
55.20°inc 133.75°az
CALCAREOUS CLAYSTONE:
med lt gy-lt bnsh gy,slty,mod calc,
tr dissem pyr,rr foss frag,sft-frm,
stky,sbblky.
Survey:1340.66mMD (1202.6mTVD)
57.84°inc 135.42°az
CALCAREOUS CLAYSTONE:
med lt gy-lt bnsh gy,slty,
mod calc,tr dissem pyr,
rr foss frag,sft-frm,stky,
sbblky.
99 / 1 / Tr
Survey:1368.90mMD (1217.0mTVD)
60.92°inc 137.54°az
CALCAREOUS CLAYSTONE:
med lt gy-lt bnsh gy,slty,
mod calc,tr dissem pyr,
rr foss frag,sft-frm,stky,
sbblky.
Survey:1397.94mMD (1230.4mTVD)
64.27°inc 139.51°az
500
50
5
.5
.5
100
5
1K
50
10K
500
100K
5K
1000K
99 / 1 / Tr
CALCAREOUS CLAYSTONE:
med lt gy-lt bnsh gy,slty,
mod calc,tr dissem pyr,
rr foss frag,sft-frm,stky,
sbblky.
Survey:1426.45mMD (1242.8mTVD)
64.06°inc 140.07°az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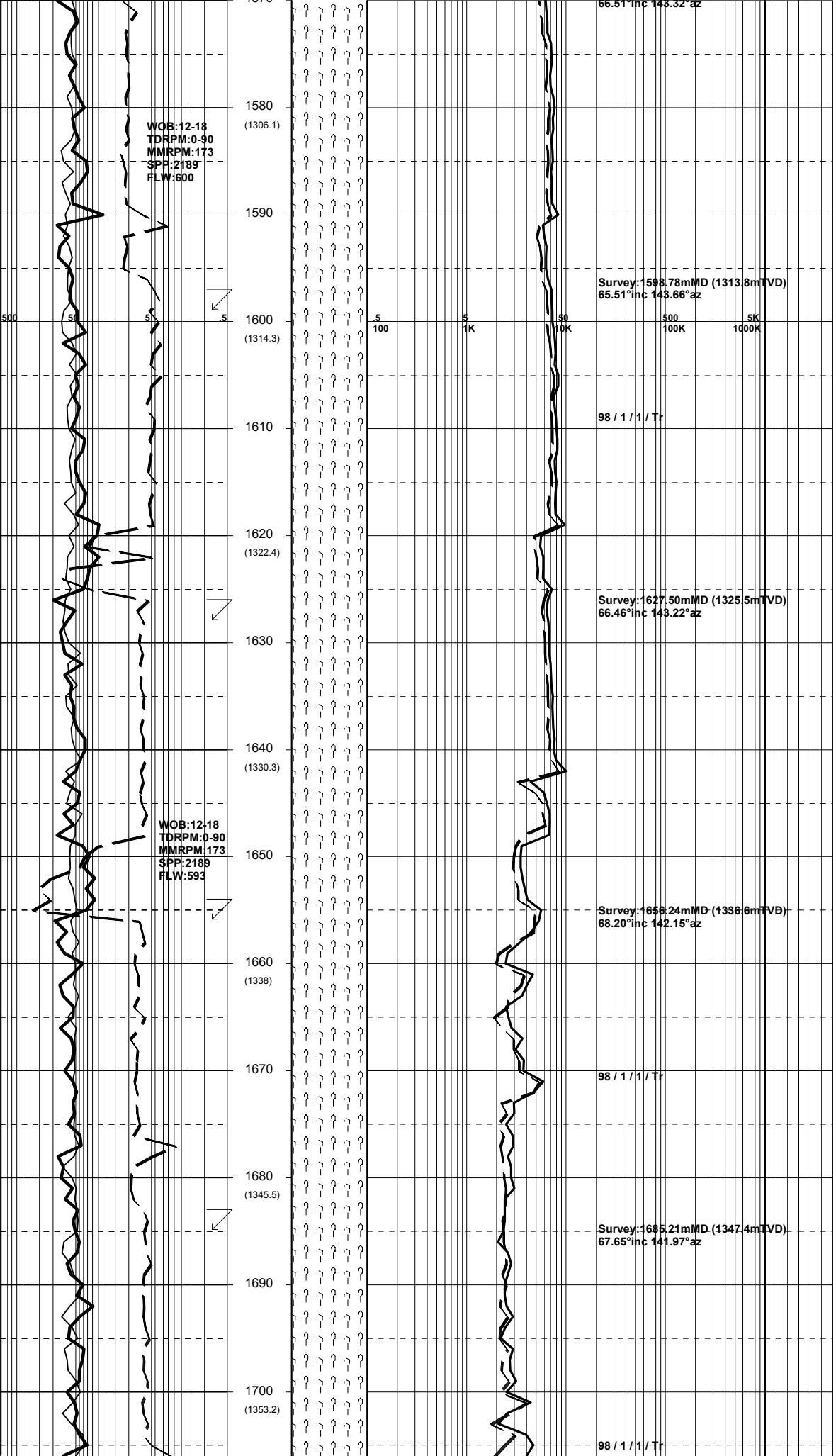
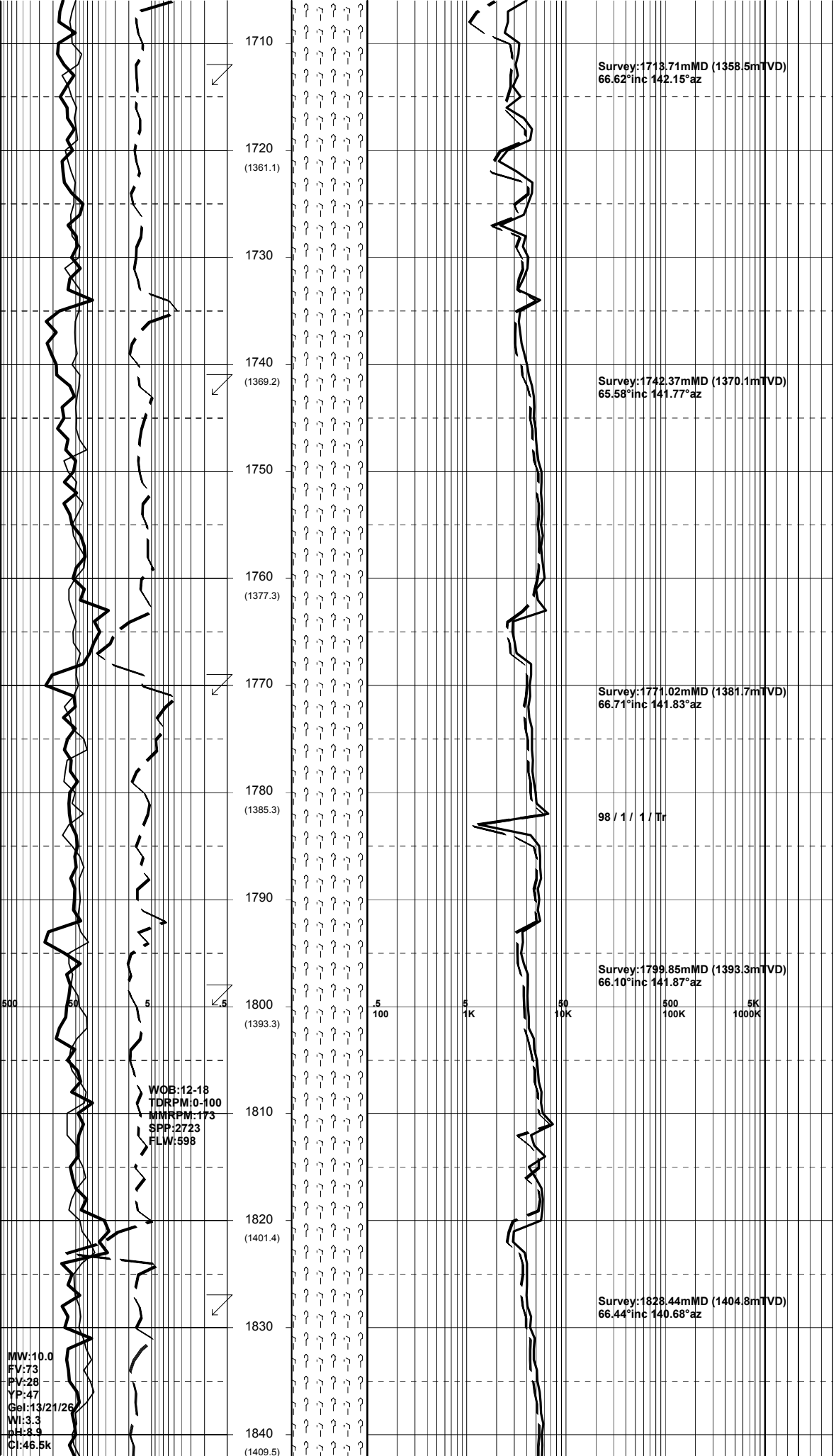
(1248.7)
1450
1460
(1257.4)
1470
1480
(1265.9)
1490
1500
(1274)
1510
1520
(1282)
1530
1540
(1290)
1550
1560
(1298.1)
1570
WOB:12-18
TDRPM:0-90
MMRPM:173
SPP:2089
FLW:600
MW:9.85
FV:71
PV:24
YP:39
Gel:10/15/20
WI:3.3
pH:9.2
Cl:46.0K
99 / 1 / Tr
Survey:1455.43mMD (1255.4mTVD)
64.16°inc 140.75°az
99 / 1 / Tr
Survey:1484.13mMD (1267.6mTVD)
65.48°inc 142.60°az
Survey:1511.98mMD (1278.9mTVD)
67.02°inc 143.27°az
99 / 1 / Tr
Survey:1541.35mMD (1290.6mTVD)
66.02°inc 143.55°az
98 / 1 / 1 / Tr
Survey:1570.07mMD (1302.1mTVD)
CALCAREOUS CLAYSTONE:
med lt gy-lt bnsh gy,slty,
mod calc,tr dissem pyr,
rr foss frag,sft-frm,stky,
sbblky.
CALCAREOUS CLAYSTONE:
med lt gy-lt bnsh gy,slty,
mod calc,tr dissem pyr,
rr foss frag,sft-frm,stky,
sbblky.
CALCAREOUS CLAYSTONE:
med lt gy-lt bnsh gy,slty,
mod calc,tr dissem pyr,
rr foss frag,sft-frm,stky,
sbblky.
SANDSTONE:(trace),clr-trnsl,
crs-v crs,mod wl srt,sa-sr,
tr pyr cmt,cln,uncons,
fr-gd inf por,no fluor.
CALCAREOUS CLAYSTONE:
med gy-med lt gy,occ gnsh gy,
slty,mod calc,rr dissem pyr,
com foss frag,frm-occ mod hd,
sbblky.

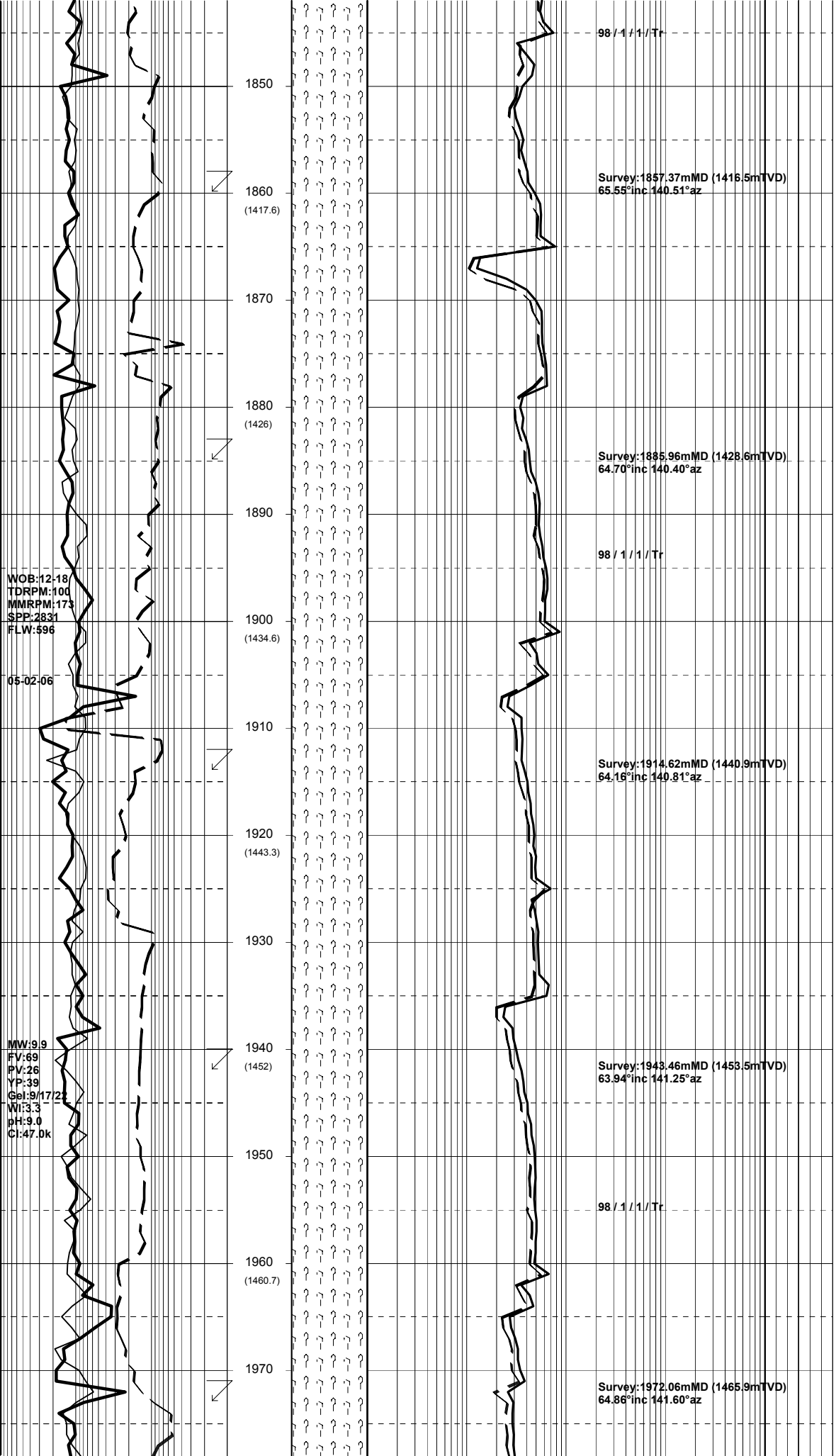

66.51°inc 143.32°az
CALCAREOUS CLAYSTONE:
med gy-med lt gy,occ gnsh gy,
slty,mod calc,rr dissem pyr,
com foss frag,frm-occ mod hd,
sbblky.
1580
(1306.1)
WOB:12-18
TDRPM:0-90
MMRPM:173
SPP:2189
FLW:600
1590
Survey:1598.78mMD (1313.8mTVD)
65.51°inc 143.66°az
500
50
5
.5
1600
(1314.3)
.5
100
5
1K
50
10K
500
100K
5K
1000K
98 / 1 / 1 / Tr
1610
1620
(1322.4)
CALCAREOUS CLAYSTONE:
med gy-med lt gy,occ gnsh gy,slty,
mod calc,tr dissem pyr,rr pyr nod,
com foss frag,rr glauc,frm-occ mod
hd,sbblky.
Survey:1627.50mMD (1325.5mTVD)
66.46°inc 143.22°az
1630
1640
(1330.3)
WOB:12-18
TDRPM:0-90
MMRPM:173
SPP:2189
FLW:593
1650
Survey:1656.24mMD (1336.6mTVD)
68.20°inc 142.15°az
1660
(1338)
CALCAREOUS CLAYSTONE:
med gy-med lt gy,occ gnsh gy,slty,
mod calc,tr dissem pyr,rr pyr nod,
com foss frag,rr glauc,frm-occ mod
hd,sbblky.
1670
98 / 1 / 1 / Tr
1680
(1345.5)
Survey:1685.21mMD (1347.4mTVD)
67.65°inc 141.97°az
1690
1700
(1353.2)
CALCAREOUS CLAYSTONE:
med gy-med lt gy,occ gnsh gy,slty,
mod calc,tr dissem pyr,rr pyr nod,
com foss frag,rr glauc,frm-occ mod
hd,sbblky.
98 / 1 / 1 / Tr

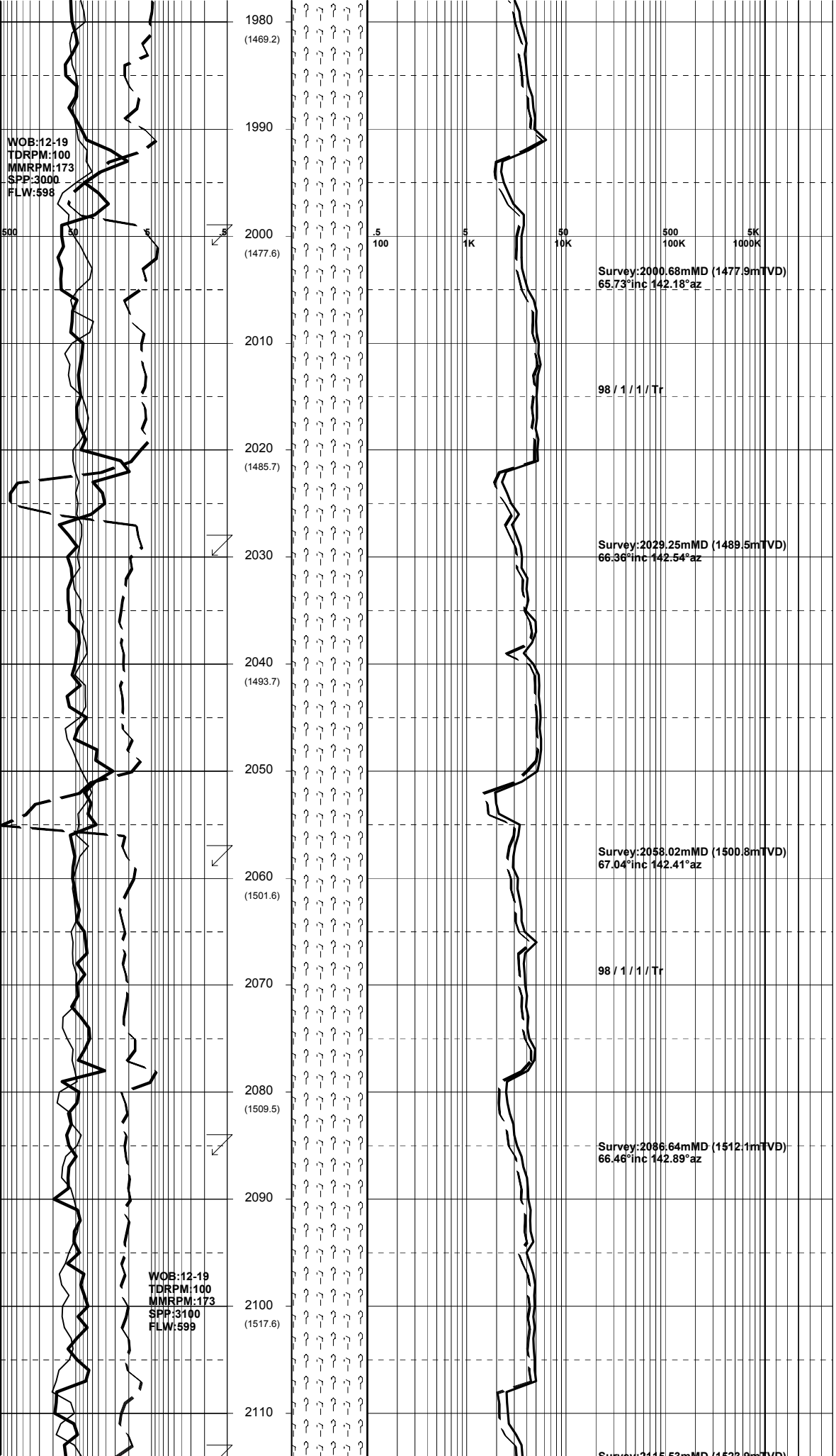


fld,sbblky.

CALCAREOUS CLAYSTONE: med gy-lt med gy,occ lt bnsh gy,slty,mod calc,rr dissem pyr, rr foss frag,sft-frm,disp,sbblky.

CALCAREOUS CLAYSTONE: med gy-lt med gy,occ lt bnsh gy,slty,mod calc,rr dissem pyr, rr foss frag,sft-frm,disp,sbblky.


98 / 1 / 1 / Tr
1850
1860
(1417.6)
Survey:1857.37mMD (1416.5mTVD)
65.55°inc 140.51°az
CALCAREOUS CLAYSTONE:
med gy-lt gy,slty, mod calc,
tr dissem pyr,rr foss frag,
sft-frm,disp,sbblky.
1870
1880
(1426)
Survey:1885.96mMD (1428.6mTVD)
64.70°inc 140.40°az
1890
98 / 1 / 1 / Tr
WOB:12-18
TDRPM:100
MMRPM:173
SPP:2831
FLW:596
1900
(1434.6)
05-02-06
1910
Survey:1914.62mMD (1440.9mTVD)
64.16°inc 140.81°az
1920
(1443.3)
CALCAREOUS CLAYSTONE:
med gy-lt gy,slty,mod calc,
tr dissem pyr,rr foss frag,
sft-frm,disp,sbblky.
1930
MW:9.9
FV:69
PV:26
YP:39
Gel:9/17/22
WI:3.3
pH:9.0
Cl:47.0k
1940
(1452)
Survey:1943.46mMD (1453.5mTVD)
63.94°inc 141.25°az
1950
98 / 1 / 1 / Tr
1960
(1460.7)
CALCAREOUS CLAYSTONE:
med gy-lt gy,slty, mod calc,
tr dissem pyr,rr foss frag,
sft-frm,disp,sbblky.
1970
Survey:1972.06mMD (1465.9mTVD)
64.86°inc 141.60°az

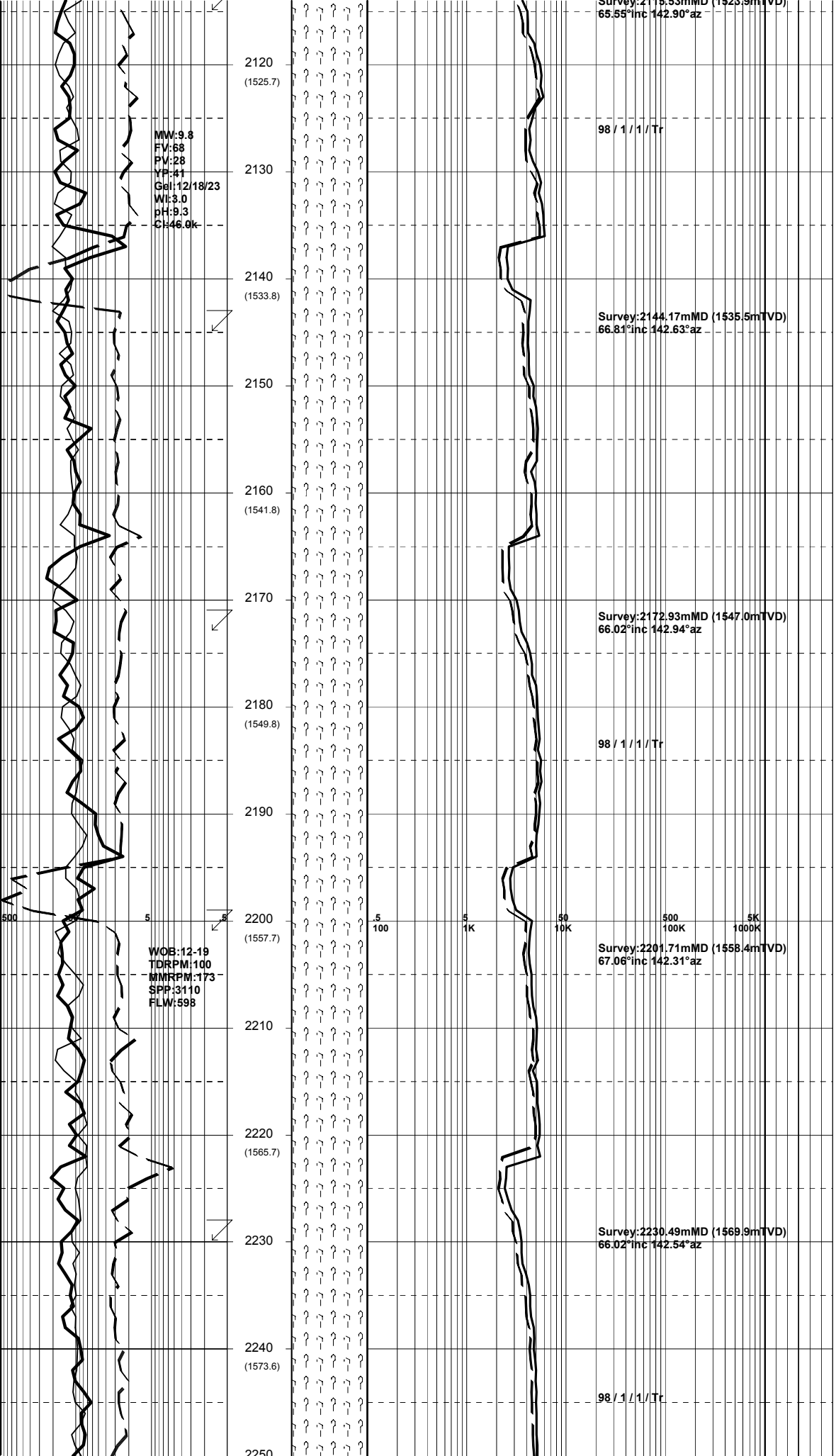


CALCAREOUS CLAYSTONE: med gy-lt gy,slty,mod calc, tr dissem pyr,rr foss frag, sft-frm,disp,sbblky.

CALCAREOUS CLAYSTONE: med gy-med lt gy,occ lt brnsh gy,slty,mod calc,rr dissem pyr, rr foss frag,sft-frm,occ mod hd, disp,sbblky.

CALCAREOUS CLAYSTONE: lt med gy-med gy,slty,mod calc, rr dissem pyr,rr nod pyr,rr foss frag,sft-frm,occ mod hd, disp,sbblky.

CALCAREOUS CLAYSTONE: lt med gy-med gy,slty,mod calc, rr dissem pyr,rr nod pyr,rr foss frag,sft-frm,occ mod hd, disp,sbblky.

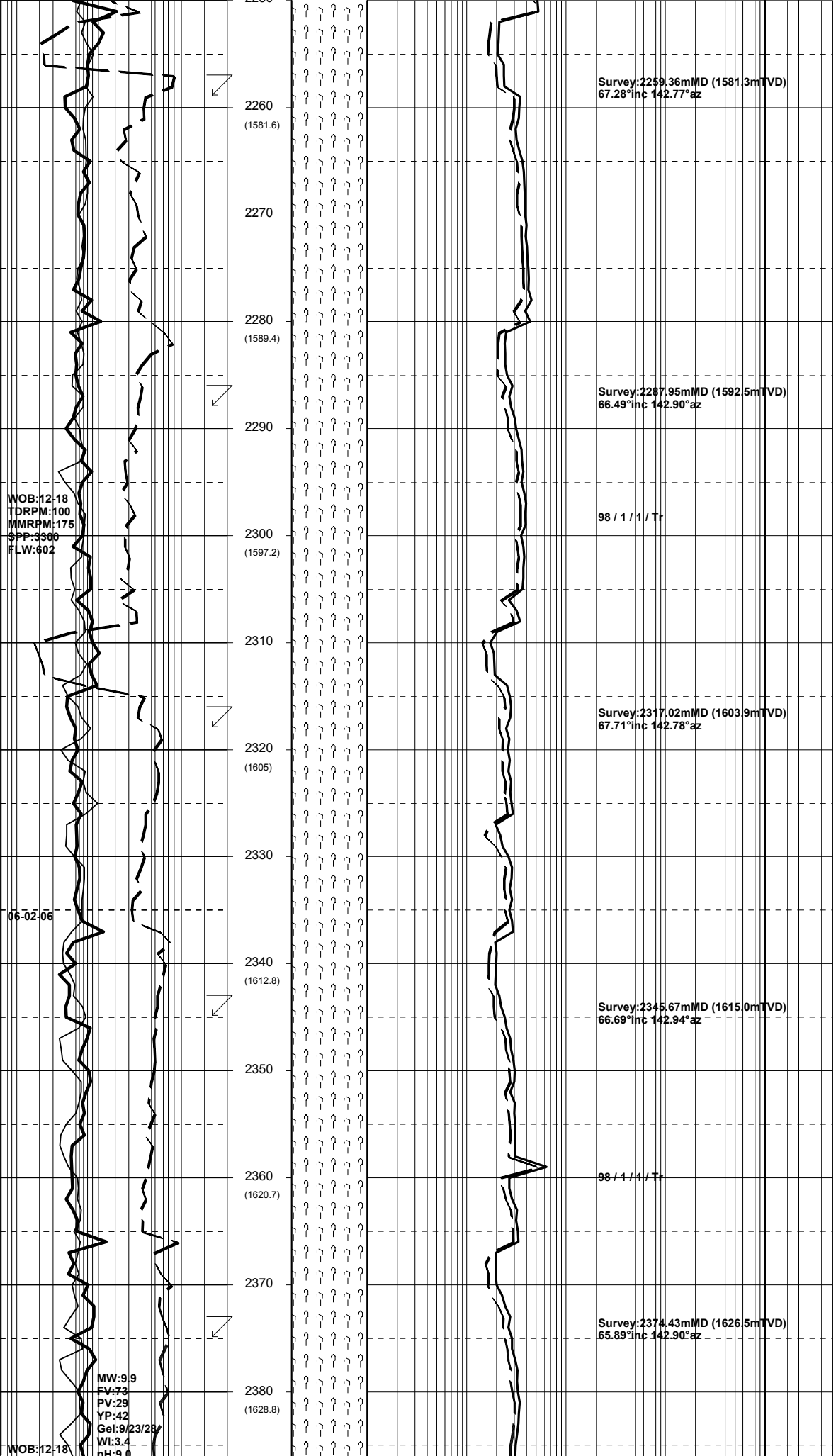


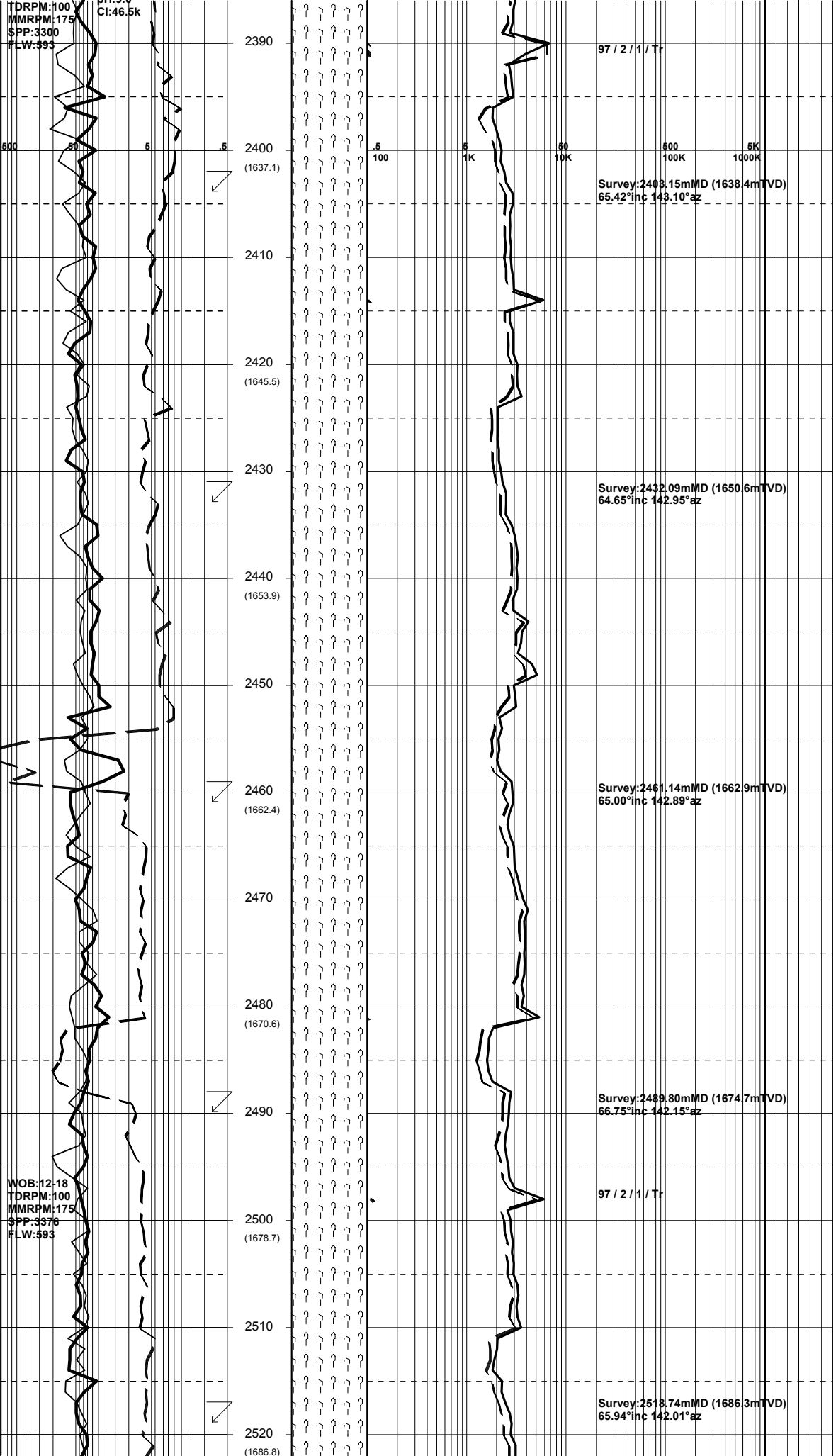
CALCAREOUS CLAYSTONE:
lt-med gy-med gy,slty,mod calc, rr dissem pyr,rr nod pyr,rr glauc, rr foss frag,occ mod hd,sbblky.

CALCAREOUS CLAYSTONE:
lt-med gy-med gy,occ bnsh gy,slty, mod calc,tr dissem pyr,rr pyr nod, rr foss frag,sft-frm,occ mod hd, disp,sbblky.

CALCAREOUS CLAYSTONE:
lt bnsh gy-med gy,slty, mod calc,tr dissem pyr,rr pyr nod,rr foss frag,frm-mod hd, sbblky.

CALCAREOUS CLAYSTONE:
lt-med gy-med gy,occ bnsh gy,slty, mod calc,tr dissem pyr,rr pyr nod, rr foss frag,sft-frm,occ mod hd, disp,sbblky.


2260
(1581.6)
2270
2280
(1589.4)
2290
2300
(1597.2)
2310
2320
(1605)
2330
2340
(1612.8)
2350
2360
(1620.7)
2370
2380
(1628.8)
Survey:2259.36mMD (1581.3mTVD)
67.28°inc 142.77°az
Survey:2287.95mMD (1592.5mTVD)
66.49°inc 142.90°az
98 / 1 / 1 / Tr
Survey:2317.02mMD (1603.9mTVD)
67.71°inc 142.78°az
Survey:2345.67mMD (1615.0mTVD)
66.69°inc 142.94°az
98 / 1 / 1 / Tr
Survey:2374.43mMD (1626.5mTVD)
65.89°inc 142.90°az
WOB:12-18
TDRPM:100
MMRPM:175
SPP:3300
FLW:602
06-02-06
MW:9.9
FV:73
PV:29
YP:42
Gel:9/23/28
WL:3.4
WOB:12-18
disp,sbblky.
CALCAREOUS CLAYSTONE:
lt med gy-med gy,occ bnsh gy,slty,
mod calc,tr dissem pyr,rr pyr nod,
rr foss frag,sft-frm,occ mod hd,
disp,sbblky.



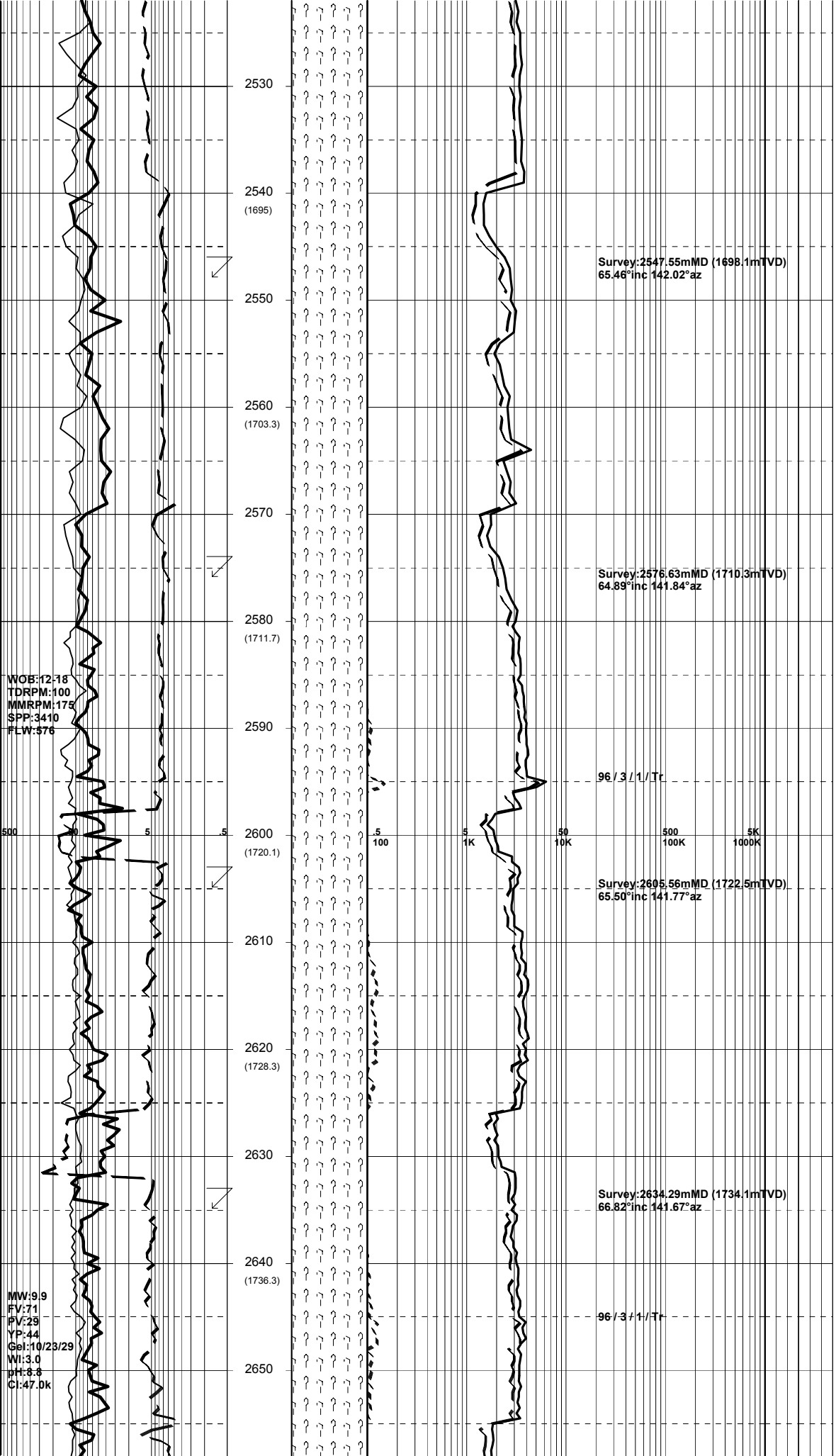
CALCAREOUS CLAYSTONE: lt gy-med gy,lt bnsh gy,slty, mod calc,tr dissem pyr,rr pyr nod,rr foss frag,sft-frm,occ mod hd,disp,sbblky.

CALCAREOUS CLAYSTONE: lt bnsh gy-med gy,slty,mod calc,rr foss frag,frm-mod hd, sbblky.

CALCAREOUS CLAYSTONE: lt med gy-med gy,occ lt bnsh gy,slty,mod calc,tr dissem pyr, rr pyr nod,rr foss frag,sft-frm, occ mod hd,sbblky.

CALCAREOUS CLAYSTONE: lt bnsh gy-med gy,slty,mod calc,rr dissem & nod pyr, rr foss frag,frm-mod hd,sbblky.

CALCAREOUS CLAYSTONE: lt bnsh gy-med gy,slty,mod

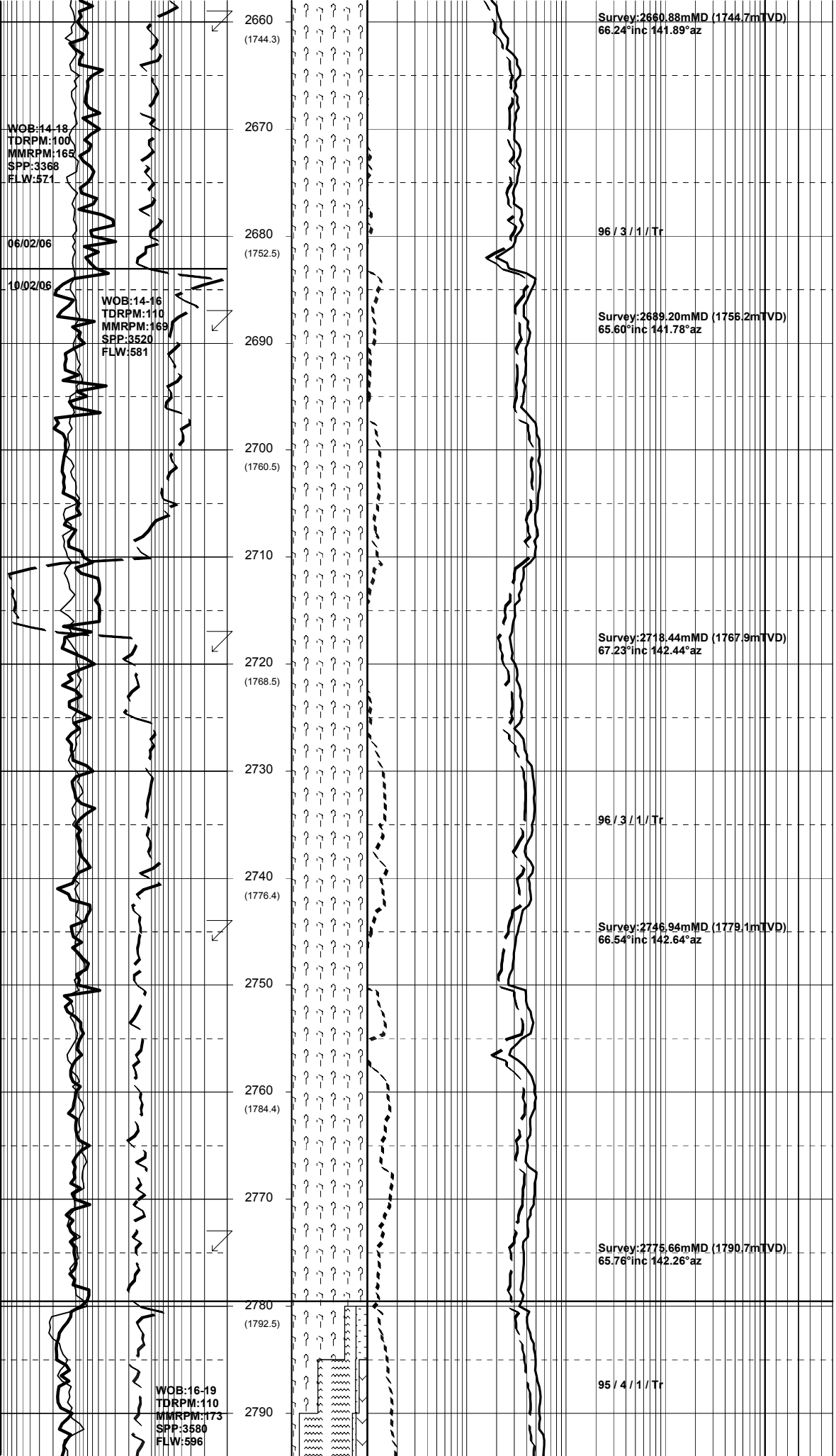


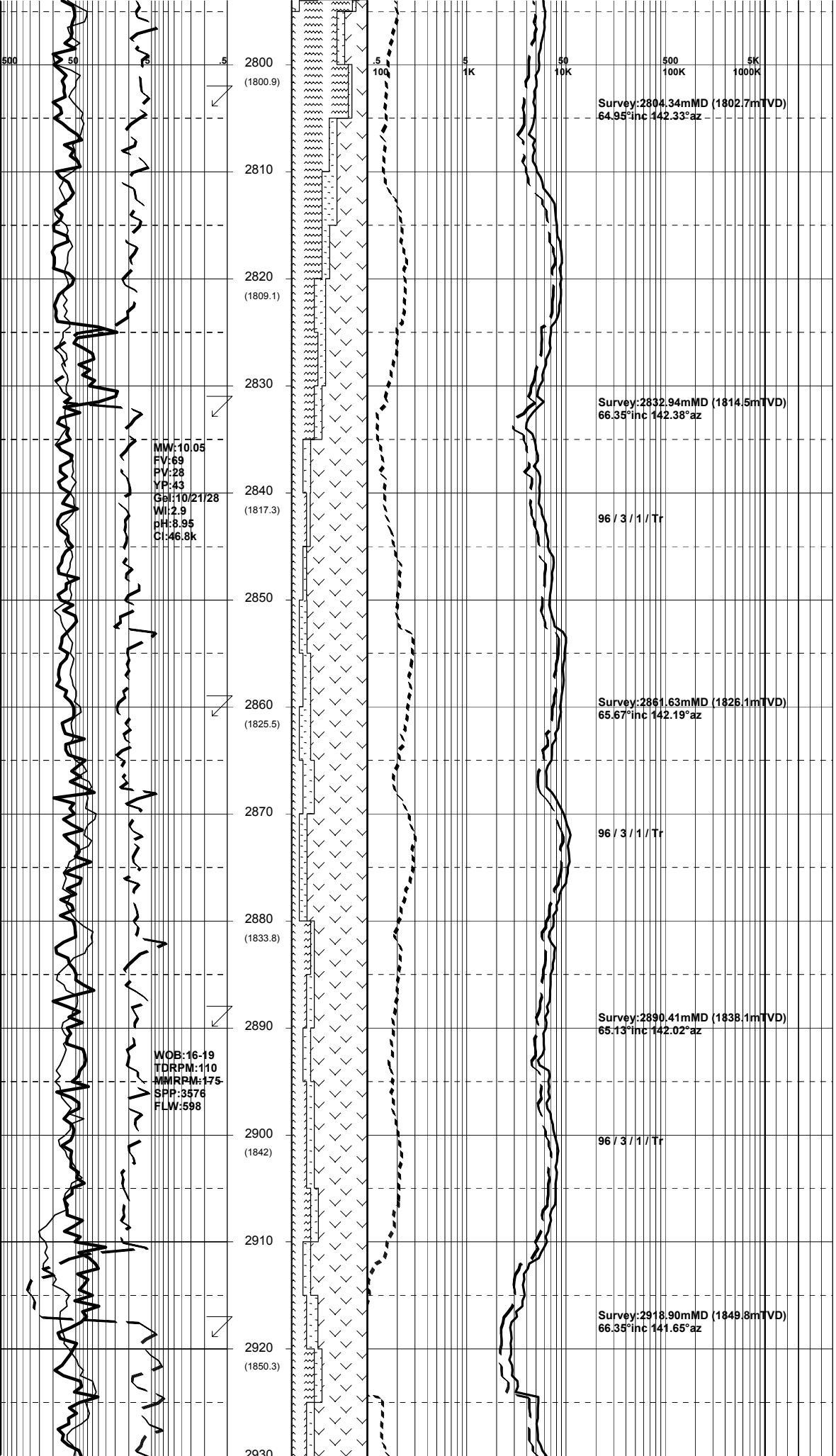
calc,rr foss frag,frm-mod hd, sbblky.

CALCAREOUS CLAYSTONE: v lt gy-med gy,slty,mod calc, rr dissem & nod pyr,rr foss frag,frm-mod hd,sbblky.

CALCAREOUS CLAYSTONE: lt bnsh gy-med gy,slty,mod calc,rr dissem & nod pyr, rr foss frag,frm-mod hd,sbblky.

CALCAREOUS CLAYSTONE: lt bnsh gy-med gy,occ med lt gy, slty,mod calc,rr dissem pyr,rr nod pyr,rr foss frag,frm-mod hd,occ sft & disp,sbblky.


2660
(1744.3)
2670
2680
(1752.5)
2690
2700
(1760.5)
2710
2720
(1768.5)
2730
2740
(1776.4)
2750
2760
(1784.4)
2770
2780
(1792.5)
2790
WOB:14-18
TDRPM:100
MMRPM:165
SPP:3368
FLW:571
06/02/06
10/02/06
WOB:14-16
TDRPM:110
MMRPM:169
SPP:3520
FLW:581
WOB:16-19
TDRPM:110
MMRPM:173
SPP:3580
FLW:596
Survey:2660.88mMD (1744.7mTVD)
66.24°inc 141.89°az
96 / 3 / 1 / Tr
Survey:2689.20mMD (1756.2mTVD)
65.60°inc 141.78°az
Survey:2718.44mMD (1767.9mTVD)
67.23°inc 142.44°az
96 / 3 / 1 / Tr
Survey:2746.94mMD (1779.1mTVD)
66.54°inc 142.64°az
Survey:2775.66mMD (1790.7mTVD)
65.76°inc 142.26°az
95 / 4 / 1 / Tr
CALCAREOUS CLAYSTONE:
lt bnsh gy-med gy occ med lt gy, slty,mod calc,rr dissem pyr,rr nod pyr,rr foss frag,frm-mod hd,occ sft & disp,sbblky.
WIPER TRIP AT 2683.0m MDRT FOR SAVER SUB AND WASH PIPE
CALCAREOUS CLAYSTONE:
med gy-occ lt bnsh gy,slty,mod calc,rr foss frag,mod hd-occ hd, sbblky.
CALCAREOUS CLAYSTONE:
med gy-occ lt bnsh gy,slty,mod calc,,mod hd-occ hd,sbblky.
Top of Latrobe
2779.5m MDRT 1792.3mTVDRT
(-1759.5mTVDSS)
SILTSTONE (TR):lt bn-pl yelsh bn, v aren g/t vf SST,mod hd-hd,sbblky.
SANDSTONE (TR):wh-pl gn,vf,mod wl srt,sa-sr,com glauc mtx,hd agg, pr inf vis & inf por,no fluor.
CLAYSTONE:lt gnsh gy-gysh org,



sl calc,slt,amor.

SILTSTONE:pl yelsh bn-lt bn, v aren,g/t vf SST,mod hd,sbblky.

SANDSTONE:wh-pl gy,vf-f,mod wl srt,sa-sr,com glauc mtx,hd agg, com rock flour,pr inf & vis por, no fluor.

VOLCANICS:pl gn-gysh gn,dom chlor,hd,com rock flour.

SILTSTONE:pl yelsh bn-pl bn, v aren,g/t vf SST,mod hd,sbblky.

SANDSTONE:wh-pl gn,vf,mod wl srt,sa-sr,com glauc mtx,hd agg, pr inf vis & inf por,no fluor.

SANDSTONE:clr-trnsl wh-pl gn, vf-med,dom f,mod wl srt,sa-sr,com glauc mtx,hd agg,com rock flour,com qtzite,pr inf & vis por,no fluor.

VOLCANICS:pl gn-gysh gn,dom chlor,hd,com rock flour.

SANDSTONE:clr-trnsl,wh-pl gn, vf-med,dom f,mod w srt,sa-sr,com glauc mtx,hd agg,com rock flour, com qtzite,pr inf & vis por,no fluor.

SILTSTONE:pl yelsh bn-pl bn, v aren,g/t vf SST,mod hd,sbblky.

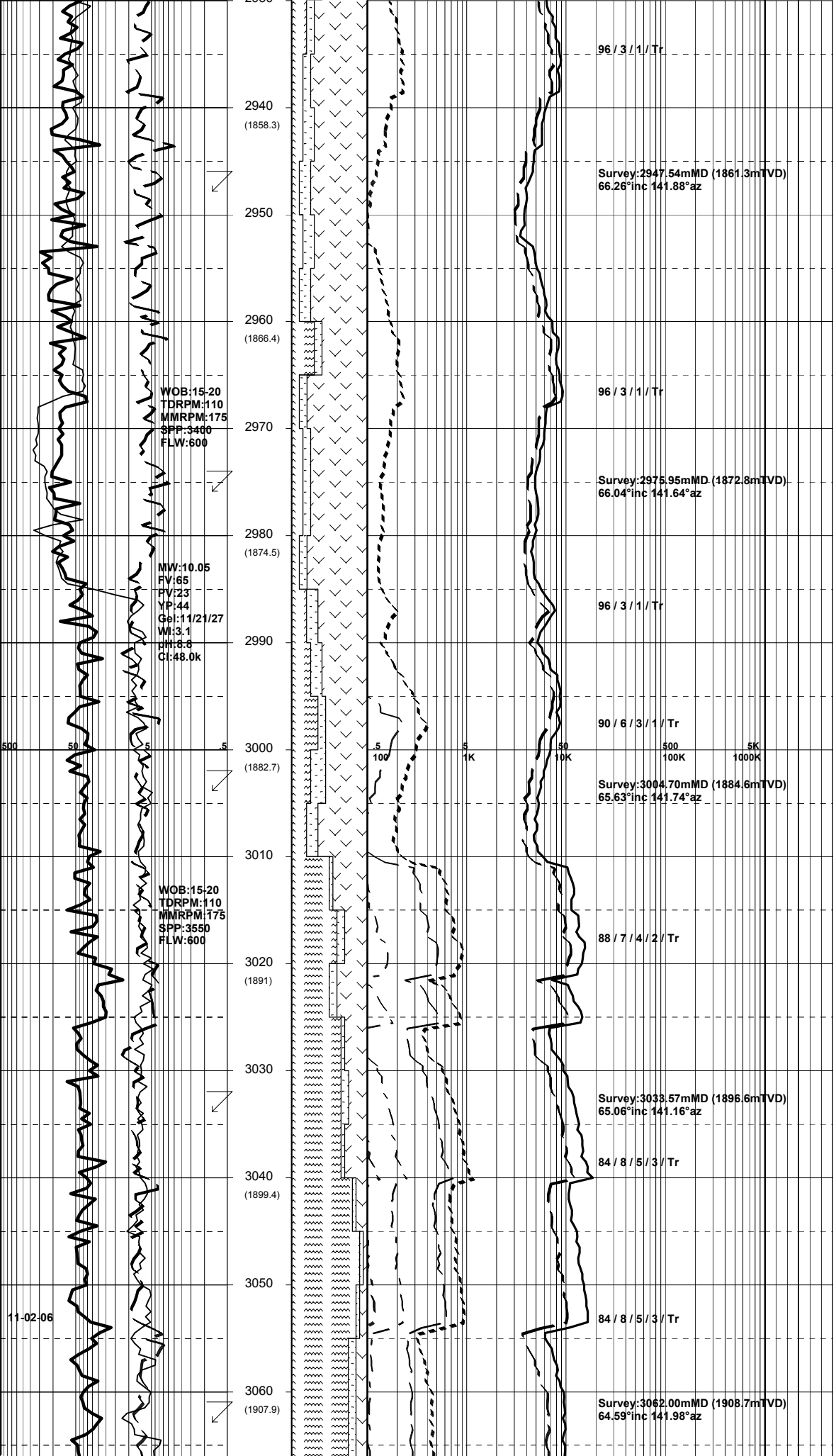
SANDSTONE:clr-trnsl,wh-pl gn, vf-med,dom f,mod wl srt,sa-sr,com glauc mtx,hd agg,com rock flour,com qtzite,pr inf & vis por,no fluor.

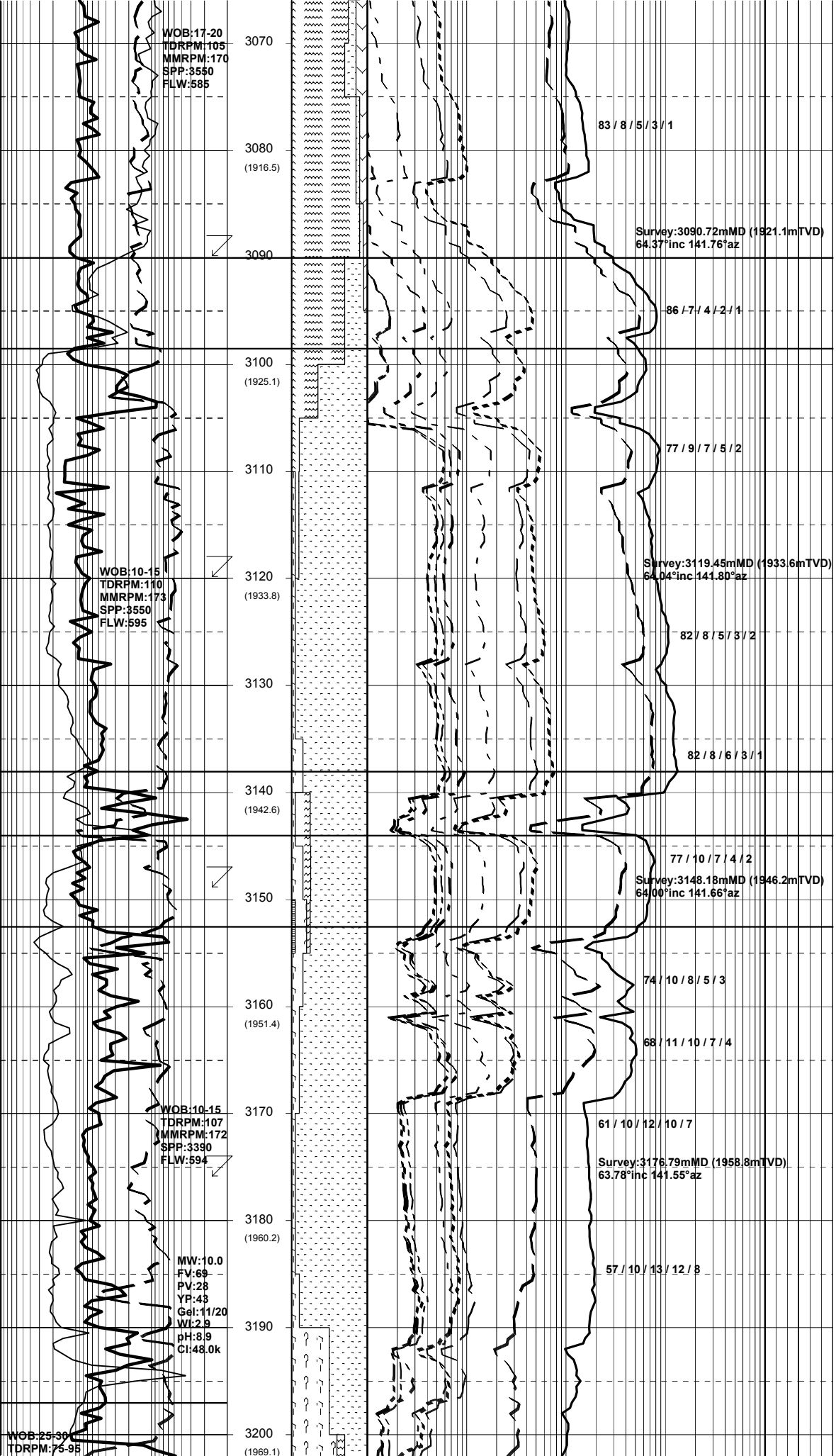
VOLCANICS:pl gn-gysh gn,dom chlor,hd,com rock flour.

SILTSTONE:mod rdsh bn-lt bn, v aren,g/t vf SST,mod hd,com rock flour,sbblky.

SANDSTONE:clr-trnsl,wh-pl gn,occ mod org,v crs,pr srt,com qtzite, com glauc mtx,hd agg,com rock flour, pr inf & vis por,no fluor.

VOLCANICS:dsky gn,pl gn-gnsh gy, dom chlor,hd,com rock flour.


2940
(1858.3)
2950
2960
(1866.4)
2970
2980
(1874.5)
2990
3000
(1882.7)
3010
3020
(1891)
3030
3040
(1899.4)
3050
3060
(1907.9)
WOB:15-20
TDRPM:110
MMRPM:175
SPP:3400
FLW:600
MW:10.05
FV:65
PV:23
YP:44
Gel:11/21/27
WI:3.1
pH:8.6
Cl:48.0k
WOB:15-20
TDRPM:110
MMRPM:175
SPP:3550
FLW:600
500
50
5
.5
.5
100
5
1K
50
10K
500
100K
5K
1000K
11-02-06
96 / 3 / 1 / Tr
Survey:2947.54mMD (1861.3mTVD)
66.26°inc 141.88°az
96 / 3 / 1 / Tr
Survey:2975.95mMD (1872.8mTVD)
66.04°inc 141.64°az
90 / 6 / 3 / 1 / Tr
Survey:3004.70mMD (1884.6mTVD)
65.63°inc 141.74°az
88 / 7 / 4 / 2 / Tr
Survey:3033.57mMD (1896.6mTVD)
65.06°inc 141.16°az
84 / 8 / 5 / 3 / Tr
84 / 8 / 5 / 3 / Tr
Survey:3062.00mMD (1908.7mTVD)
64.59°inc 141.98°az
SILTSTONE:mod bn-pl yelsh bn, v aren,g/t vf SST,mod hd,sbblky.
SANDSTONE:clr-trnsl,wh-pl gn,occ mod org,vf-occ crs,pr srt,sa-sr, com qtzite,com glauc mtx,hd agg, com rock flour,pr inf & vis por, no fluor.
VOLCANICS:dsky gn,pl gn-gnsh gy, dom chlor,hd,gen bit crushed rock flour.
SILTSTONE:mod bn-pl yelsh bn, v aren,g/t vf SST,mod hd,sbblky.
SANDSTONE:clr-trnsl,wh-pl gn,occ mod org,vf-occ crs,pr srt,sa-sr, com qtzite,com glauc mtx,hd agg, com rock flour,pr inf & vis por, no fluor.
VOLCANICS:dsky gn,pl gn-gnsh gy, dom chlor,hd,com bit crushed rock flour.
SILTSTONE:pl yelsh bn-mod bn, v aren,g/t vf SST,mod hd,sbblky.
SANDSTONE:clr-trnsl,wh-pl gn,occ mod org,vf-occ v crs,pr srt,sa-sr, com qtzite,com glauc mtx,hd agg, com rock flour,pr inf & vis por, no fluor.
SILTSTONE:mod bn-pl yelsh bn, v aren,g/t vf SST,mod hd,sbblky.
SANDSTONE:clr-trnsl,wh-pl gn,occ mod org,vf-occ crs,pr srt,sa-sr, com qtzite,com glauc mtx,hd agg, com rock flour,pr inf & vis por, no fluor.
VOLCANICS:dsky gn,pl gn-gnsh gy, dom chlor,hd,com bit crushed rock flour.
SILTSTONE:mod bn-pl yelsh bn, v aren,g/t vf SST,mod hd,sbblky.
SANDSTONE:clr-trnsl,wh-pl gn,occ mod org,vf-occ crs,pr srt,sa-sr, com qtzite,com glauc mtx,hd agg, com rock flour,pr inf & vis por, no fluor.
SILTSTONE:mod bn-gysh bn,v aren g/t vf SST,tr glauc,mod hd,sbblky.
SANDSTONE:clr-trnsl,wh-pl gn,vf-occ v crs,pr srt,sa-sr,com qtzite, com glauc mtx,hd agg,com rock flour,pr inf & vis por,no fluor.
VOLCANICS:dsky gn,pl gn-gnsh gy, dom chlor,hd,com bit crushed rock flour.
SILTSTONE:mod bn-gysh bn,v aren g/t vf SST,tr glauc,mod hd,sbblky.
SANDSTONE:clr-trnsl,wh-pl gn,vf-occ v crs,pr srt,sa-sr,com qtzite, com glauc mtx,hd agg,com rock flour,pr inf & vis por,no fluor.
VOLCANICS:dsky gn,pl gn-gnsh gy, dom chlor,hd,com bit crushed rock flour.
SILTSTONE:mod bn-occ pa yelsh bn, aren,g/t vf SST,tr glauc,mod hd,



com rock flour,sbblky.

SANDSTONE:clr-trnsl,wh-pl gn,vf-occ v crs,pr srt,sa-sr,com qtzite, com pell glauc,hd agg,com rock flour,pr inf & vis por,no fluor.

VOLCANICS:dsky gn,gysh gn, dom chlor,hd,com bit crushed rock flour.

TCC (N-1 Reservoir)
3090.0m MDRT 1920.8mTVDRT
(-1888.0mTVDSS)

SANDSTONE:1)clr-trnsl,f-occ v crs, dom med-crs,pr srt,sa-sr,wk pyr cmt, tr pyr nod,lse,cln,fr inf & vis por.
SANDSTONE:2)trnsl-med lt gy,vf-f, mod wl srt,sa-sr,mod sil cmt,abdt mic pyr,mtx,hd agg,ti vis & inf por,no fluor.

Base of Waste
3098.5m MDRT 1924.5mTVDRT
(-1891.7mTVDSS)

SILTSTONE:mod bn-gysh bn,v aren g/t vf SST,rr pell glauc,mod hd, sbblky.

CLAYSTONE:med-lt gy-lt blsh gy, sli calc,mod hd-hd,sbblky-blky.

SANDSTONE:clr-trnsl,crs-dom v crs,mod wl srt,sa-sr,com frac qtz grn,mod pyr cmt,com pyr nod, lse,cln,fr-gd inf/vis por,no fluor.

SANDSTONE:clr-trnsl,crs-dom v crs,mod wl srt,sa-sr,com frac qtz grn,mod pyr cmt,com pyr nod, lse,cln,fr-gd inf/vis por,tr-5% RADIAGREEN fluor.

SANDSTONE:clr-trnsl,med-v crs, dom crs,mod wl srt,sr-sa,wk pyr cmt, rr pyr nod,lse,cln,fr-gd inf/vis por, no fluor.

CBF2 horizon (Cobalt sand)
3138.0m MDRT 1941.7m TVDRT
(-1908.9m TVDSS)

CBF1
3144.0m MDRT 1944.4m TVDRT
(-1911.6m TVDSS)

CLAYSTONE:1)med-lt gy-lt blsh gy, sli calc,mod hd-hd,sbblky-blky.
CLAYSTONE:2)off wh,sft,disp,amor.

CBSB
3152.5m MDRT 1948.1m TVDRT
(-1925.3m TVDSS)

COAL:dsky bn,slty g/t CARB SLST, ea,frm,sbblky.unevn,wdy tex.

SANDSTONE:clr-trnsl,rr gysh pnk org,crs-dom v crs,mod wl srt,sa-sr, wk pyr cmt,rr pyr nod,lse,cln,fr-gd inf/vis por,no fluor.

SILTSTONE:mod bn-gysh bn,v aren g/t vf SST,tr glauc,mod hd,sbblky.

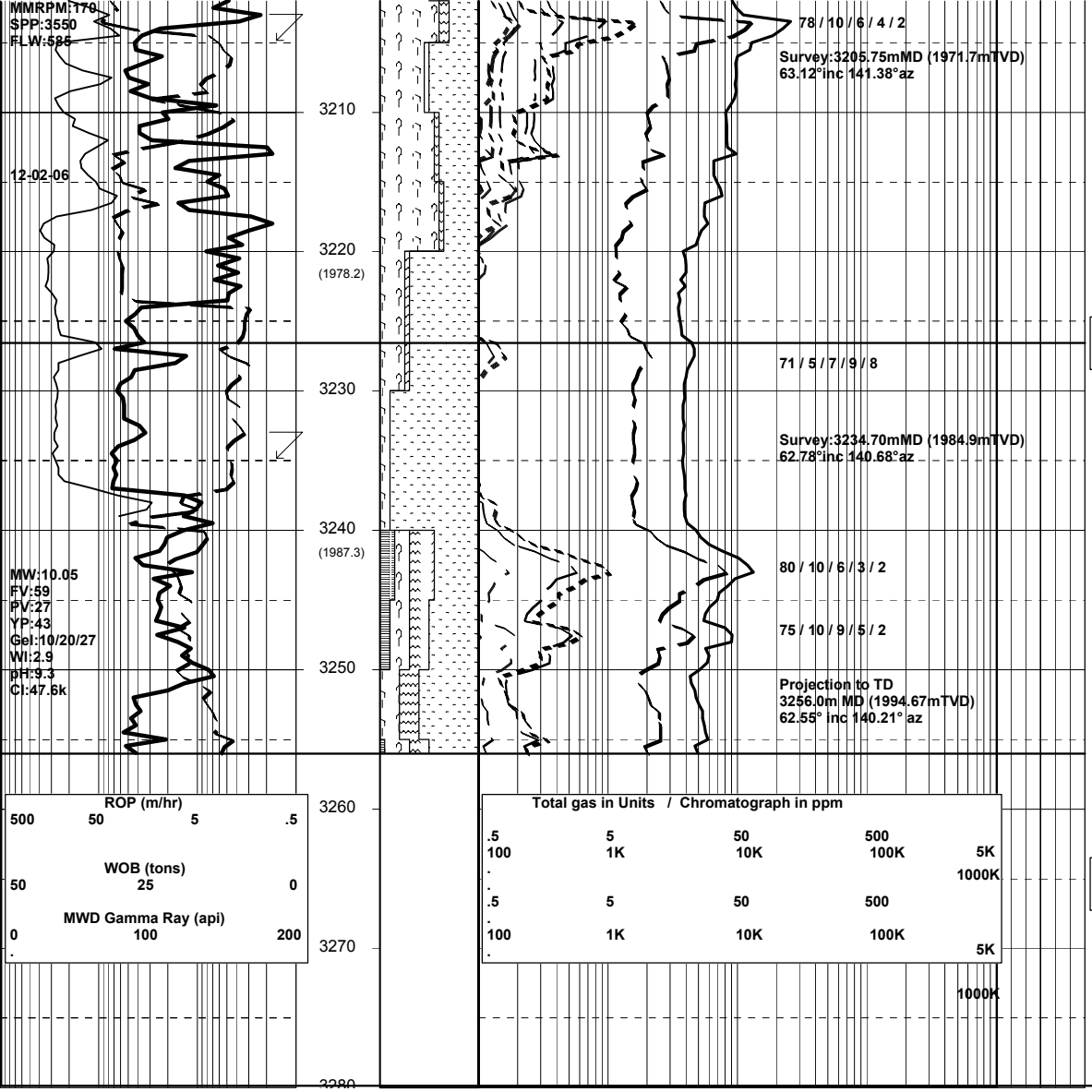
SANDSTONE:clr-trnsl,vf-occ crs, pr srt,sa-sr,wk pyr cmt,dom lse,gen cln,pr-fr inf/vis por,no fluor.

SANDSTONE:clr-trnsl,rr gysh pnk,f-v crs dom med-crs,mod wl srt, sa-sr,occ rnd,wk pyr cmt,rr pyr nod,lse,cln,fr-gd inf/vis por,no fluor.

SANDSTONE:clr-trnsl,f-v crs, dom med-crs,mod wl srt,sa-sr, occ rnd,wk pyr cmt,rr pyr nod, lse,cln,fr inf/vis por,no fluor.

TRIP TO 2308.0m MDRT FOR WASHOUT

CLAYSTONE:med lt gy-med gy,sli calc,mod hd-hd,sbblky.



SANDSTONE:clr-trnsl,occ med-dom, v crs,mod wl srt,sa-sr,com frac qtz grn,mod pyr cmt,rr pyr nod,dom lse,gen cln,pr inf/vis por,no fluor.

SILTSTONE:mod bn-dsky bn,v aren g/t vf SST,mod hd,sbblky.

SANDSTONE:clr-trnsl,crs-dom v crs, mod wl srt,sa-sr,com frac qtz grn, mod-str pyr cmt,tr pyr nod,dom lse,gen cln,pr inf/vis por,no fluor.

CLAYSTONE:med lt gy-med gy,sli calc,mod hd-hd,sbblky.

PKSB (base of Pink sand) 3226.5m MDRT 1981.1m TVDRT (-1948.3m TVDSS)

SILTSTONE:mod bn-dsky bn,v aren g/t vf SST,mod hd,sbblky.

SANDSTONE:clr-trnsl,f-occ v crs, dom med,mod wl srt,sa-sr,com frac qtz grn,mod-str pyr cmt,tr pyr nod, dom lse,gen cln,pr inf/vis por, no fluor.

COAL:dsky red-med dsky bn,ea, brit,sbfiss,wdy tex,pyr lam.

SANDSTONE:clr-trnsl,occ med,dom v crs,occ frac qtz grn,mod wl srt, sa-sr,wk pyr cmt,rr pyr nod,dom lse,gen cln,pr inf/vis por,no fluor.

CLAYSTONE:1)med lt gy-med gy, sli calc,mod hd-hd,sbblky-blky. CLAYSTONE:2)off wh-v pl org,sft, disp,amor.

Bream A6A reached Total Depth of 3256.0m MDRT 1994.67m TVDRT at 09:30 hours on 12-02-2006