



Baker Atlas



| | | | |
|------------------------|---------------------|-------------------------------|------------|
| FILE NO: | COMPANY | VULCAN MINERALS INC. | |
| API NO: | WELL | VULCAN INVESTCAN RED BROOK #2 | |
| | FIELD | BAY ST. GEORGE BASIN | |
| | PROVINCE | NEWFOUNDLAND AND LABRADOR | |
| Ver. 3.87 | LOCATION: | OTHER SERVICES | |
| UID: | | ZDL-CN-GR-CAL | |
| N/A | | HDIL-GR-CAL, CVL | |
| LICENSE: | BH LOC. LSD: | GR-STAR, DSL | |
| ADW 2009-116-03 | LAT 48.2679591667 | XMAC, VSP | |
| | LONG -58.7501141667 | FMT | |
| PERMANENT DATUM | G.L. | ELEVATION | 57.1 M |
| LOG MEASURED FROM | K.B. | 6.3 M | ABOVE P.D. |
| DRILL MEAS. FROM | KELLY BUSHING | | |
| DATE | 26-NOV-2009 | | |
| RUN | TRIP | 2 | 4 |
| SERVICE ORDER | CA210569 | | |
| DEPTH DRILLER | 1965.0 M | | |
| DEPTH LOGGER | NOT LOGGED | | |
| BOTTOM LOGGED INTERVAL | 1945.0 M | | |
| TOP LOGGED INTERVAL | 890.0 M | | |
| CASING DRILLER | 244.5 MM | 885.0 M | |
| CASING LOGGER | 884.6 M | | |
| BIT SIZE | 216.0 MM | | |
| TYPE OF FLUID IN HOLE | POLYMER | | |
| DENSITY | VISCOSITY | 1260.0 G/L | 80.0 S |
| PH | FLUID LOSS | 11.2 | 4.8 ML |
| SOURCE OF SAMPLE | TOOL MEASURED | | |
| RM AT MEAS. TEMP. | 0.30 OHMM | 23.4 DEGC | |
| RMF AT MEAS. TEMP. | 0.24 OHMM | 23.4 DEGC | |
| RMC AT MEAS. TEMP. | 0.36 OHMM | 23.4 DEGC | |
| SOURCE OF RMF | RMC | CALCULATED | CALCULATED |
| RM AT BHT | 0.30 OHMM | 23.4 DEGC | |
| TIME SINCE CIRCULATION | 35.8 HOURS | | |
| MAX. RECORDED TEMP. | 27.4 DEGC | | |
| EQUIP. NO. | LOCATION | 6555 | OH NISKU |
| RECORDED BY | | D. SCHNEIDER/L. HICKS | |
| WITNESSED BY | | M. SMITH | |

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

| BOREHOLE RECORD | | |
|-----------------|---------|----------|
| BIT SIZE | FROM | TO |
| 444.5 MM | 0.0 M | 220.2 M |
| 311.0 MM | 220.2 M | 895.0 M |
| 216.0 MM | 895.0 M | 1965.0 M |
| NA | NA | NA |

| CASING RECORD | | | | |
|---------------|-----------|-------|---------|---------|
| SIZE | WEIGHT | GRADE | FROM | TO |
| 339.7 MM | 71.4 KG/M | J-55 | 0.0 M | 220.2 M |
| 244.5 MM | 64.7 KG/M | L-80 | 0.0 M | 331.8 M |
| 244.5 MM | 53.6 KG/M | J-55 | 331.8 M | 895.0 M |
| 177.8 MM | NA | NA | NA | NA |

REMARKS

RUN 2 TRIP 4 : TIME STOPPED CIRCULATION: 25-NOV-2009 02:15

#11 BIT USED
30 CORES REQUESTED
RIG: STONEHAM #11

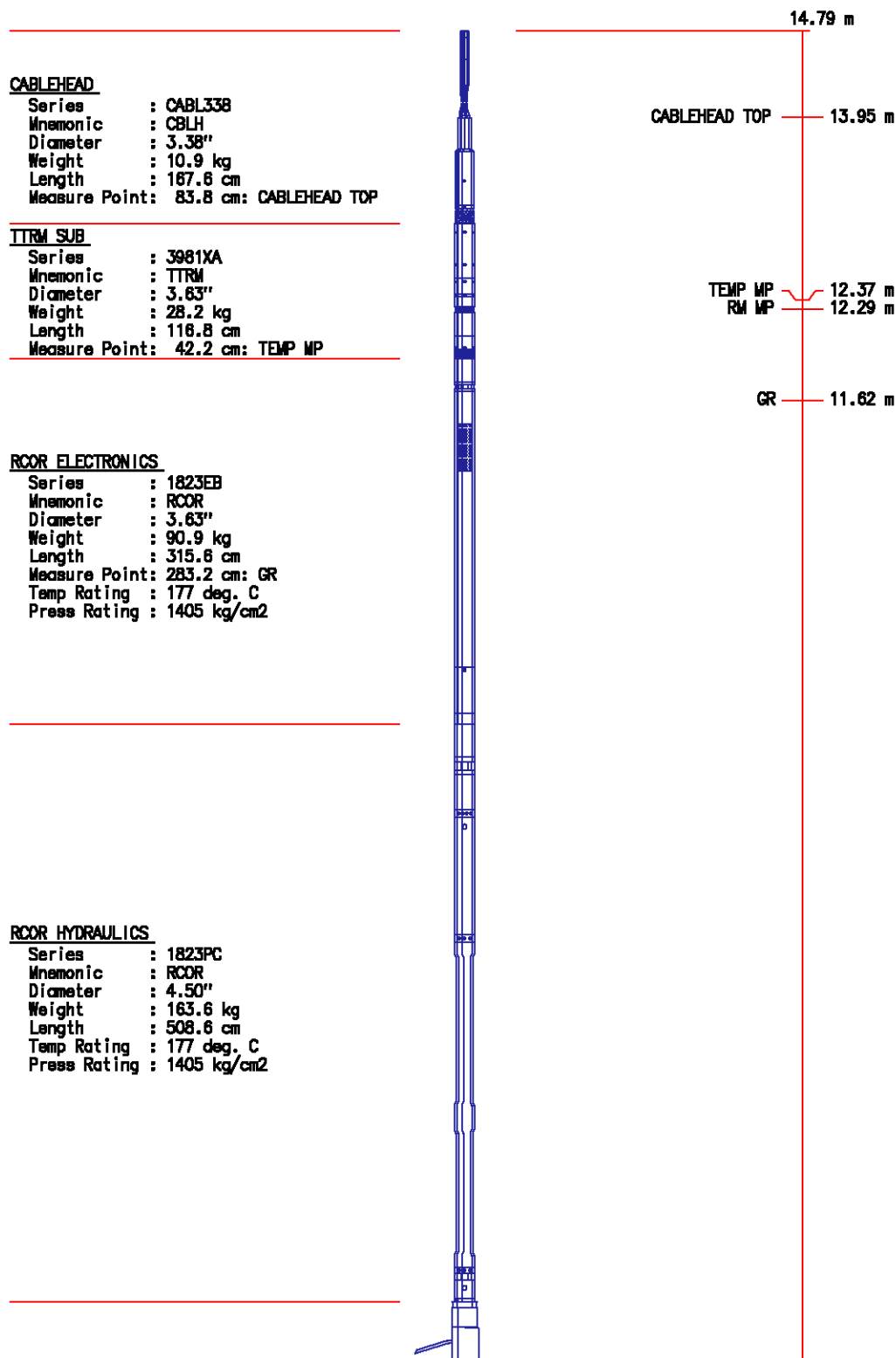
CREW: J. HOUSE, R. NEUPANE, D. SCHNEIDER, A. MITTELSTADT,
L. HICKS, J. ESCHNER, M. MONGER

EQUIPMENT DATA

| RUN | TRIP | TOOL | SERIES NO. | SERIAL NO. | POSITION |
|-----|------|-----------|------------|------------|----------|
| 2 | 4 | TTRM | 3981XA | 369687 | FREE |
| 2 | 4 | GR | 1823EB | 10097493 | FREE |
| 2 | 4 | RCOR_HYDR | 1823PC | 10096547 | FREE |
| 2 | 4 | RCOR | 1823MB | 10097492 | FREE |

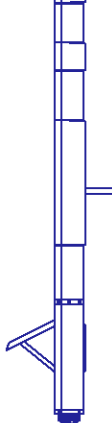
INSTRUMENT CONFIGURATION

Source File: /data/pass/vulcan/RCOR-ldg



RCOR MANDREL

Series : 1823MB
Mnemonic : RCOR
Diameter : 5.00"
Weight : 118.2 kg
Length : 361.9 cm
Measure Point: 180.3 cm: CORE BIT
Temp Rating : -18 deg. C
Press Rating : 1405 kg/cm2



CORE BIT 1.89 m

0.00 m

BULL PLUG 3 3/8

TOTAL LENGTH: 14.79 m
TOTAL WEIGHT: 412.7 kg
MAX DIAMETER: D'5.00"

Source File: /dat1a/pass/vulcan/rcor.pcf

CORING SUMMARY REPORT**ROTARY CORE DATA SHEET****Baker Atlas**

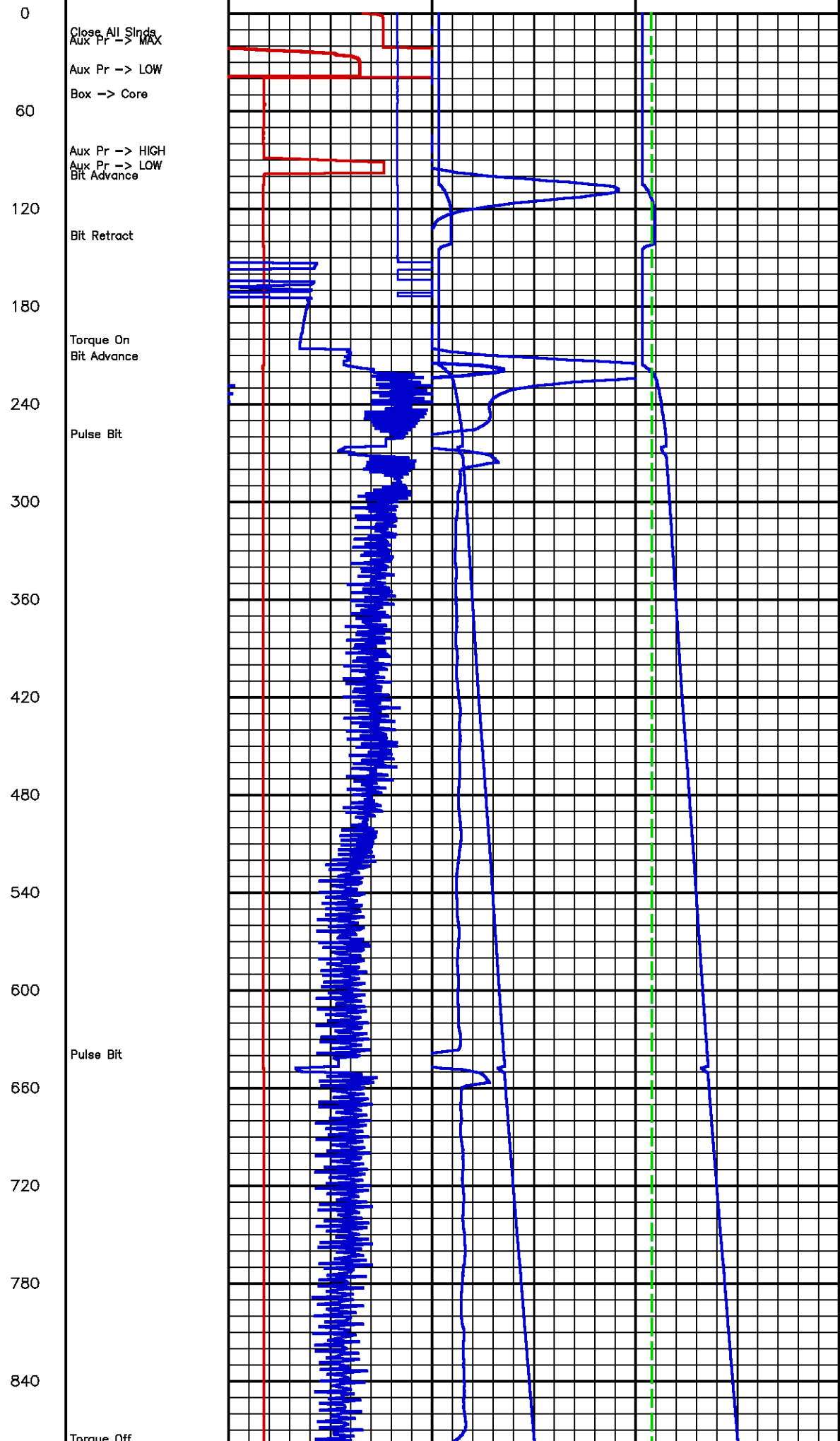
COMPANY NAME VULCAN MINERALS INC.
WELL NAME VULCAN INVESTCAN RED BROOK #2
FIELD BAY ST.GEORGE BASIN
REPORT DATE Nov. 26 2009

| # | CORE DEPTH | TIME START | WASH EXT. | DRILL TIME | LEN. CUT | EST. LEN. | ACT. LEN. | CORE DESCRIPTION | COMMENTS |
|---|------------|------------|-----------|------------|----------|-----------|-----------|------------------|----------|
| 1 | 890.01 | 01:17 PM | 0.20 | 00:11:14 | 45.26 | 41.37 | | | |
| 2 | 900.00 | 01:35 PM | 0.74 | 00:08:43 | 45.01 | 32.00 | | | |
| 3 | 1945.01 | 02:21 PM | 0.20 | 00:21:36 | 44.80 | 37.77 | | | |
| 4 | 1899.00 | 02:58 PM | 12.38 | 00:11:21 | 32.66 | 31.83 | | | |
| 5 | 1761.60 | 03:33 PM | 1.19 | 00:06:20 | 43.86 | 35.93 | | | |
| 6 | 1728.41 | 03:48 PM | 12.97 | 00:08:28 | 32.31 | 10.58 | | | |
| 7 | 1691.95 | 04:02 PM | 0.62 | 00:05:54 | 44.47 | 38.44 | | | |
| 8 | 1669.00 | 04:40 PM | 8.16 | 00:4:02 | 37.13 | | | | |
| 9 | 1635.00 | 04:55 PM | 0.20 | 00:10:15 | 42.22 | 32.37 | | | |

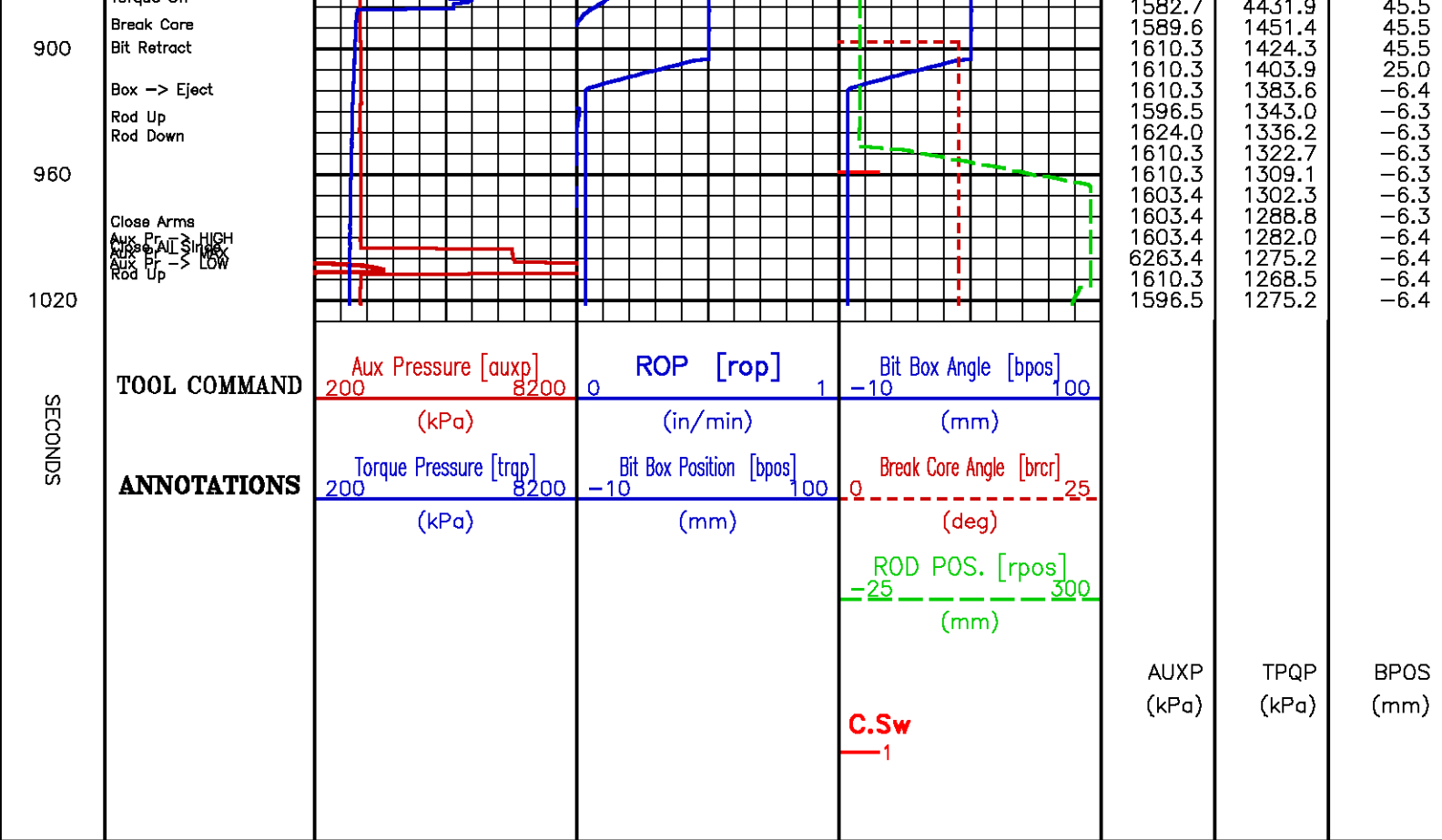
| | | | | | | | | | |
|----|---------|----------|-------|----------|-------|-------|--|--|--|
| 9 | 1667.79 | 04:50 PM | 2.50 | 00:06:15 | 42.59 | 36.77 | | | |
| 10 | 1638.05 | 05:02 PM | 1.43 | 00:10:28 | 44.26 | 41.71 | | | |
| 11 | 1593.58 | 05:19 PM | 0.27 | 00:10:11 | 45.45 | 38.02 | | | |
| 12 | 1569.41 | 05:46 PM | 3.47 | 00:09:23 | 41.60 | 39.20 | | | |
| 13 | 1565.62 | 06:00 PM | 1.75 | 00:06:20 | 43.46 | 39.03 | | | |
| 14 | 1562.81 | 06:11 PM | 2.18 | 00:11:30 | 38.31 | 32.67 | | | |
| 15 | 1560.00 | 06:27 PM | 5.11 | 00:06:05 | 40.42 | 38.61 | | | |
| 16 | 1536.62 | 06:39 PM | 1.70 | 00:13:20 | 43.34 | 39.28 | | | |
| 17 | 1464.60 | 07:20 PM | 0.00 | 00:13:03 | 45.72 | 39.28 | | | |
| 18 | 1414.02 | 07:40 PM | 6.84 | 00:09:15 | 39.18 | 33.51 | | | |
| 19 | 1401.79 | 07:53 PM | 0.00 | 00:08:33 | 45.26 | 45.30 | | | |
| 20 | 1393.04 | 08:08 PM | 1.62 | 00:08:08 | 43.46 | 39.28 | | | |
| 21 | 1376.81 | 08:21 PM | 0.71 | 00:11:46 | 44.43 | 33.92 | | | |
| 22 | 1366.20 | 08:37 PM | 1.56 | 00:07:54 | 43.62 | 23.30 | | | |
| 23 | 1362.21 | 08:51 PM | 1.43 | 00:09:34 | 43.62 | 31.33 | | | |
| 24 | 1336.19 | 09:20 PM | 5.20 | 00:07:54 | 40.33 | 25.81 | | | |
| 25 | 1324.02 | 09:34 PM | 7.78 | 00:07:31 | 38.07 | 25.14 | | | |
| 26 | 1301.60 | 09:46 PM | 0.28 | 00:09:26 | 44.83 | 28.32 | | | |
| 27 | 1283.05 | 10:00 PM | 0.00 | 00:11:54 | 45.78 | 43.55 | | | |
| 28 | 1269.01 | 10:29 PM | 12.65 | 00:08:32 | 32.39 | 25.30 | | | |
| 29 | 1266.00 | 10:34 PM | 4.58 | 00:09:34 | 40.50 | 34.34 | | | |
| 30 | 1159.99 | 10:58 PM | 0.00 | 00:11:57 | 45.27 | 44.47 | | | |
| 31 | 1668.91 | 11:26 PM | 2.72 | 00:05:13 | 42.84 | 15.93 | | | |

Core Depth 890.0 m

| | | | | | | | |
|---------|--------------|---|--|---|---------------|---------------|--------------|
| SECONDS | TOOL COMMAND | Aux Pressure [auxp] 200 8200 | ROP [rop] 0 1 | Bit Box Angle [bpos] -10 100 | AUXP (kPa) | TPQP (kPa) | BPOS (mm) |
| | ANNOTATIONS | (kPa) Torque Pressure [trqp] 200 8200 | (in/min) Bit Box Position [bpos] -10 100 | (mm) Break Core Angle [brcr] 0 25 (deg) ROD POS. [rpos] -25 300 (mm) C.Sw 1 | | | |

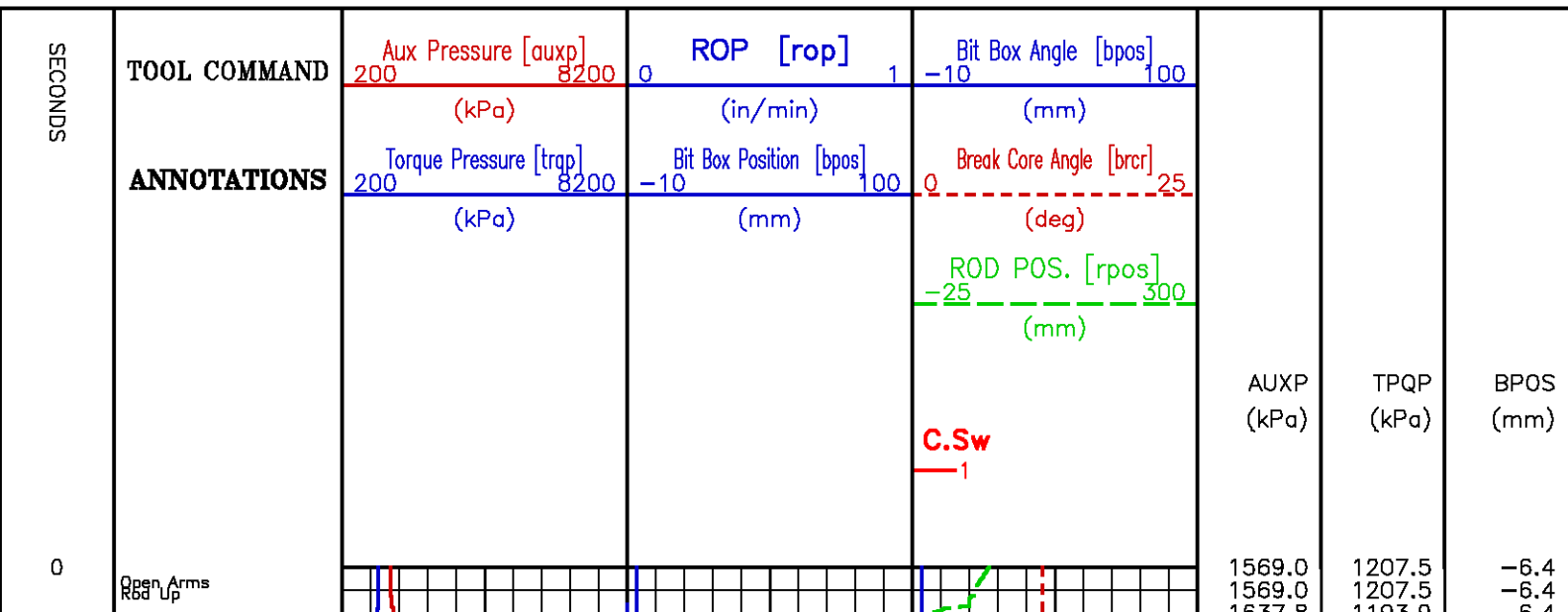


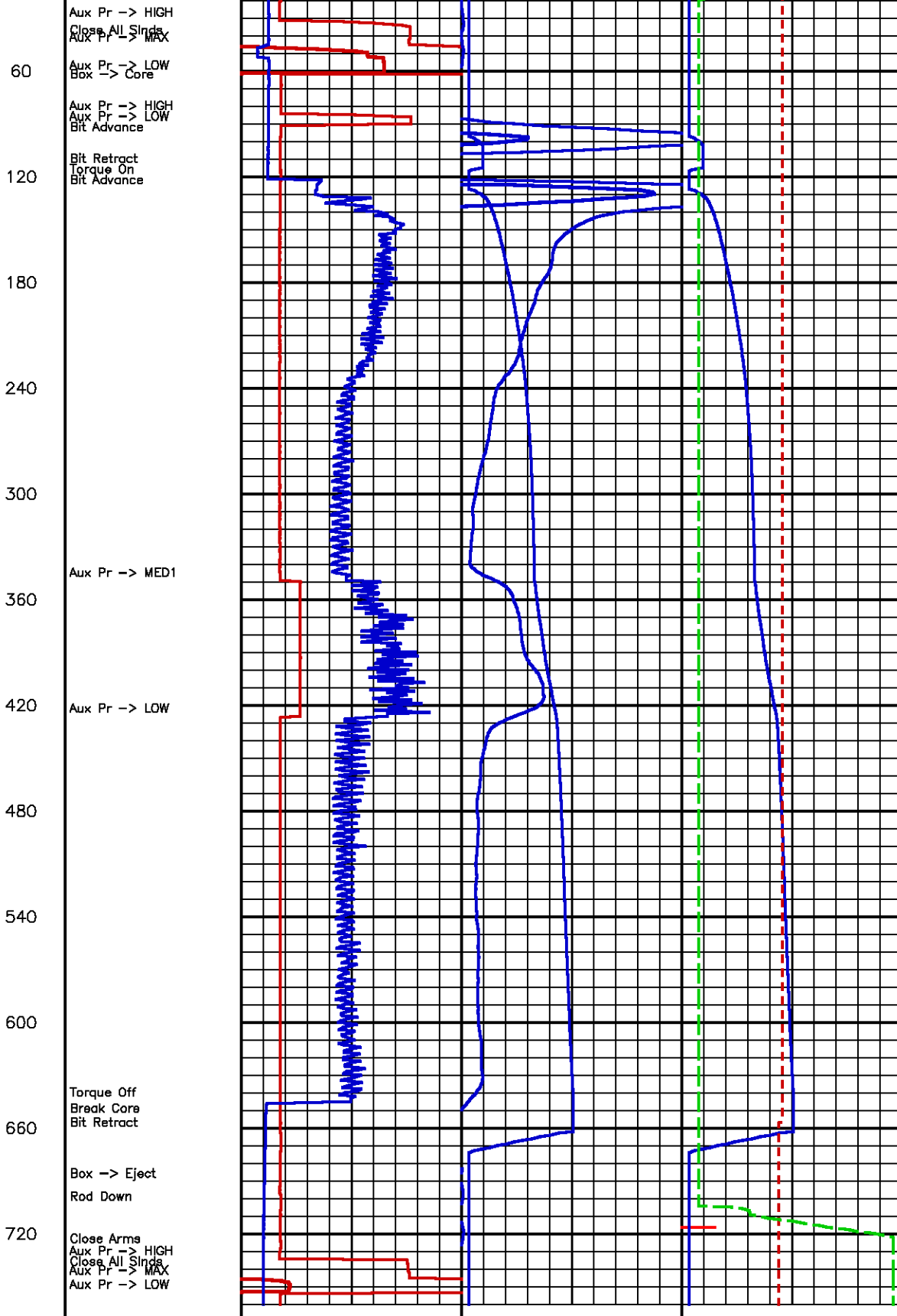
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|--------|--------|------|
| 5478.7 | -1183. | -6.3 |
| 6284.0 | -1177. | -6.3 |
| 6277.1 | -1177. | -6.3 |
| 13346. | -1177. | -6.3 |
| 1589.6 | -1170. | -6.3 |
| 1582.7 | -1177. | -6.3 |
| 1575.9 | -1183. | -6.3 |
| 1575.9 | -1177. | -6.4 |
| 1575.9 | -1177. | -6.4 |
| 3709.7 | -1183. | -6.4 |
| 1596.5 | -1177. | -6.4 |
| 1555.2 | -1163. | -2.7 |
| 1555.2 | -1163. | 0.0 |
| 1555.2 | -1170. | 0.2 |
| 1555.2 | -1163. | 0.2 |
| 1582.7 | -1177. | -6.4 |
| 1582.7 | -1170. | -6.4 |
| 1589.6 | 3463.3 | -6.4 |
| 1589.6 | 3293.9 | -6.4 |
| 1582.7 | 3165.2 | -6.4 |
| 1582.7 | 3036.5 | -6.4 |
| 1575.9 | 4980.6 | -6.4 |
| 1548.3 | 5800.3 | -1.9 |
| 1548.3 | 6152.6 | 2.5 |
| 1548.3 | 5847.7 | 4.0 |
| 1555.2 | 7663.2 | 5.3 |
| 1555.2 | 7094.2 | 6.4 |
| 1548.3 | 5122.9 | 5.1 |
| 1555.2 | 5522.6 | 7.2 |
| 1555.2 | 7134.8 | 7.8 |
| 1555.2 | 6843.5 | 8.4 |
| 1555.2 | 6789.3 | 9.1 |
| 1555.2 | 6775.8 | 9.6 |
| 1555.2 | 6545.5 | 10.2 |
| 1555.2 | 6470.9 | 10.7 |
| 1555.2 | 6342.2 | 11.2 |
| 1555.2 | 6423.5 | 11.8 |
| 1555.2 | 6443.8 | 12.3 |
| 1555.2 | 5305.8 | 13.0 |
| 1562.1 | 5136.5 | 13.5 |
| 1562.1 | 6518.4 | 14.1 |
| 1562.1 | 5949.3 | 14.6 |
| 1562.1 | 4743.6 | 15.2 |
| 1562.1 | 5820.6 | 15.9 |
| 1562.1 | 6728.4 | 16.5 |
| 1562.1 | 6823.2 | 17.2 |
| 1562.1 | 6267.7 | 17.8 |
| 1562.1 | 6010.3 | 18.4 |
| 1569.0 | 5102.6 | 19.0 |
| 1569.0 | 6213.5 | 19.6 |
| 1569.0 | 5678.4 | 20.3 |
| 1562.1 | 5841.0 | 21.0 |
| 1562.1 | 4296.5 | 21.6 |
| 1562.1 | 4526.8 | 22.2 |
| 1569.0 | 3788.4 | 22.8 |
| 1569.0 | 4032.3 | 23.4 |
| 1562.1 | 4791.0 | 23.9 |
| 1569.0 | 5326.1 | 24.6 |
| 1569.0 | 5217.7 | 25.2 |
| 1569.0 | 5258.4 | 25.7 |
| 1569.0 | 5346.4 | 26.4 |
| 1569.0 | 5529.3 | 26.9 |
| 1569.0 | 5678.4 | 27.6 |
| 1569.0 | 5705.5 | 28.2 |
| 1569.0 | 5353.2 | 28.8 |
| 1575.9 | 3070.4 | 28.1 |
| 1575.9 | 5522.6 | 29.7 |
| 1575.9 | 5813.9 | 30.4 |
| 1575.9 | 5752.9 | 31.1 |
| 1582.7 | 5691.9 | 31.7 |
| 1582.7 | 5746.1 | 32.5 |
| 1575.9 | 5637.7 | 33.2 |
| 1582.7 | 5739.3 | 33.8 |
| 1582.7 | 5610.6 | 34.6 |
| 1575.9 | 5427.7 | 35.3 |
| 1582.7 | 5312.6 | 36.0 |
| 1582.7 | 5150.0 | 36.8 |
| 1582.7 | 4946.8 | 37.6 |
| 1582.7 | 4933.2 | 38.3 |
| 1582.7 | 5075.5 | 39.0 |
| 1582.7 | 3578.4 | 39.6 |
| 1582.7 | 4770.7 | 40.3 |
| 1582.7 | 4851.9 | 41.0 |
| 1582.7 | 4594.5 | 41.8 |
| 1582.7 | 3815.5 | 42.5 |
| 1582.7 | 4716.5 | 43.3 |
| 1582.7 | 4601.3 | 44.0 |
| 1582.7 | 5448.1 | 44.8 |



Core Depth 900.0 m

Data File : /dat1a/pass/vulcan/k812a03.aff
Presentation: rcor.log





| | | |
|--------|--------|------|
| 1637.8 | 1193.9 | -6.4 |
| 1589.6 | 1187.2 | -6.4 |
| 6332.2 | 1187.2 | -6.3 |
| 12747. | 774.0 | -6.3 |
| 13373. | 1193.9 | -6.3 |
| 1644.7 | 1193.9 | -6.4 |
| 1637.8 | 1187.2 | -6.4 |
| 6352.8 | 1173.6 | -6.4 |
| 1617.2 | 1180.4 | -1.3 |
| 1610.3 | 1166.8 | 0.7 |
| 1630.9 | 1160.1 | -6.4 |
| 1603.4 | 2894.2 | -0.3 |
| 1603.4 | 5190.6 | 5.8 |
| 1596.5 | 5793.5 | 8.4 |
| 1603.4 | 5468.4 | 10.5 |
| 1596.5 | 5055.2 | 12.5 |
| 1603.4 | 5441.3 | 14.4 |
| 1603.4 | 5258.4 | 16.0 |
| 1603.4 | 4811.3 | 17.5 |
| 1603.4 | 4899.4 | 18.9 |
| 1596.5 | 5048.4 | 20.1 |
| 1596.5 | 4418.4 | 21.3 |
| 1596.5 | 4086.5 | 22.2 |
| 1596.5 | 4154.2 | 22.9 |
| 1596.5 | 3930.7 | 23.6 |
| 1596.5 | 3585.2 | 24.2 |
| 1603.4 | 3883.2 | 24.7 |
| 1596.5 | 4100.0 | 25.1 |
| 1603.4 | 4140.7 | 25.4 |
| 1596.5 | 3964.5 | 25.7 |
| 1603.4 | 3659.7 | 25.9 |
| 1603.4 | 3524.2 | 26.1 |
| 1596.5 | 3476.8 | 26.4 |
| 2346.8 | 5244.8 | 26.7 |
| 2333.0 | 5136.5 | 27.7 |
| 2333.0 | 5224.5 | 28.9 |
| 2339.9 | 5102.6 | 30.2 |
| 2339.9 | 6518.4 | 31.5 |
| 2339.9 | 6260.9 | 32.9 |
| 2339.9 | 6260.9 | 34.6 |
| 2333.0 | 6017.1 | 36.3 |
| 1617.2 | 4879.0 | 37.7 |
| 1610.3 | 3666.5 | 38.3 |
| 1610.3 | 4655.5 | 38.7 |
| 1610.3 | 3768.1 | 39.2 |
| 1610.3 | 4601.3 | 39.5 |
| 1610.3 | 3795.2 | 39.9 |
| 1610.3 | 3720.7 | 40.2 |
| 1610.3 | 4709.7 | 40.6 |
| 1610.3 | 3734.2 | 40.9 |
| 1610.3 | 3808.7 | 41.2 |
| 1610.3 | 4289.7 | 41.5 |
| 1610.3 | 3862.9 | 41.9 |
| 1610.3 | 3964.5 | 42.2 |
| 1610.3 | 4188.1 | 42.5 |
| 1610.3 | 3741.0 | 42.9 |
| 1610.3 | 4255.8 | 43.3 |
| 1610.3 | 3930.7 | 43.6 |
| 1610.3 | 3707.1 | 44.0 |
| 1610.3 | 4296.5 | 44.4 |
| 1610.3 | 3903.6 | 44.8 |
| 1610.3 | 4553.9 | 45.2 |
| 1617.2 | 3998.4 | 45.7 |
| 1624.0 | 1112.7 | 45.8 |
| 1617.2 | 1085.6 | 45.7 |
| 1644.7 | 1072.0 | 7.9 |
| 1617.2 | 1058.5 | -6.3 |
| 1617.2 | 1051.7 | -6.3 |
| 1644.7 | 1024.6 | -6.3 |
| 1624.0 | 1011.0 | -6.4 |
| 1617.2 | 1004.3 | -6.3 |
| 1603.4 | 1004.3 | -6.3 |
| 6242.7 | 997.5 | -6.3 |
| 9952.8 | 1004.3 | -6.3 |
| 1617.2 | 997.5 | -6.4 |

| | | | | |
|---------|--------------|------------------------|-------------------------|-------------------------|
| SECONDS | TOOL COMMAND | Aux Pressure [auxp] | ROP [rop] | Bit Box Angle [bpos] |
| | | 200 8200 0 1 -10 100 | | |
| | ANNOTATIONS | (kPa) | (in/min) | (mm) |
| | | Torque Pressure [trap] | Bit Box Position [bpos] | Break Core Angle [brcr] |
| | | 200 8200 -10 100 0 25 | | |
| | | (kPa) | (mm) | (deg) |
| | | ROD POS. [rpos] | | |
| | | -25 300 | | |
| | | (mm) | | |

| (kPa) | (kPa) | (mm) |
|-------|-------|------|
| 100 | 100 | 100 |
| 200 | 200 | 200 |
| 300 | 300 | 300 |
| 400 | 400 | 400 |
| 500 | 500 | 500 |
| 600 | 600 | 600 |
| 700 | 700 | 700 |
| 800 | 800 | 800 |
| 900 | 900 | 900 |
| 1000 | 1000 | 1000 |

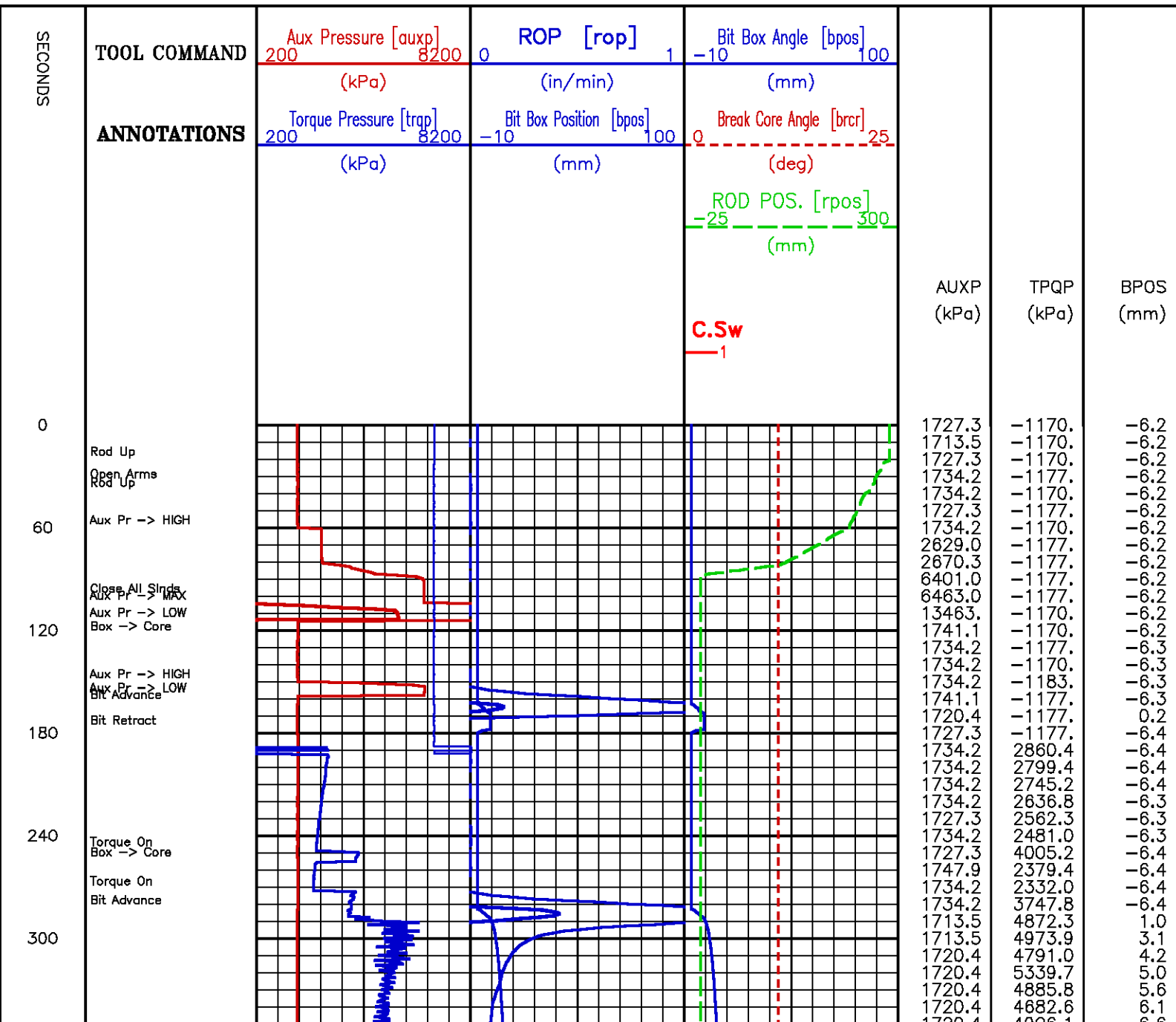
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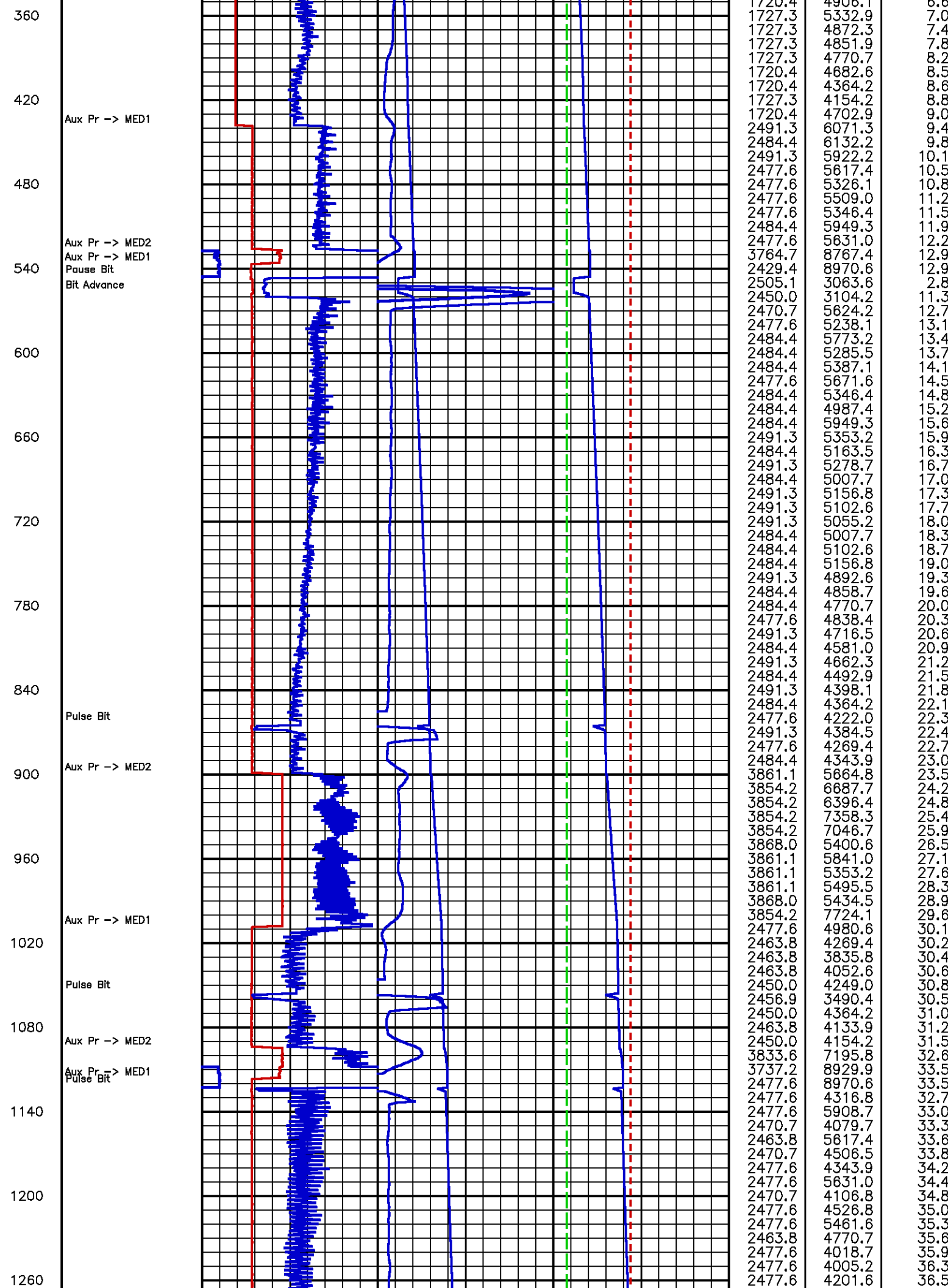
| |
|---------------------|
| Core Depth 1945.0 m |
|---------------------|

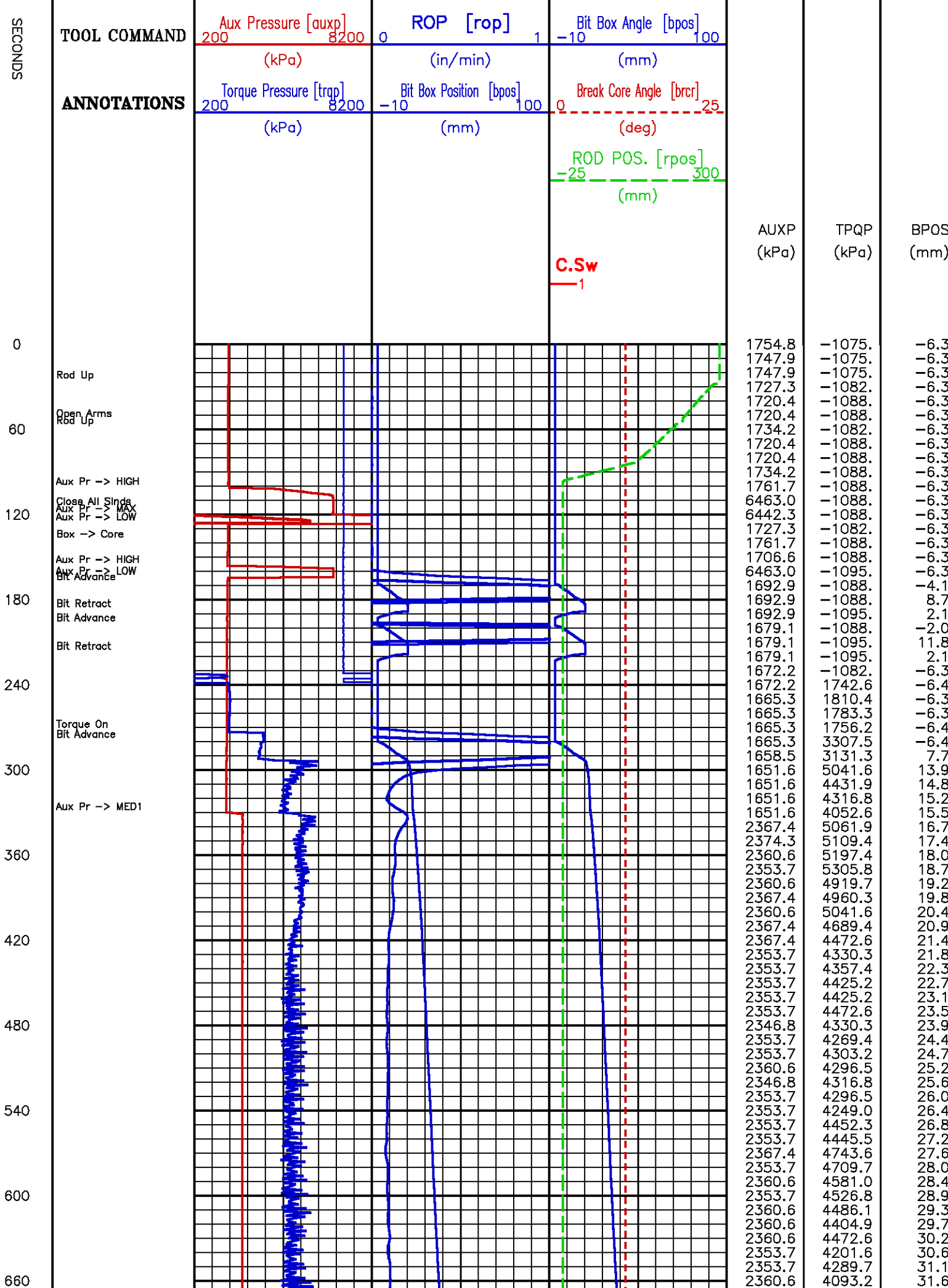
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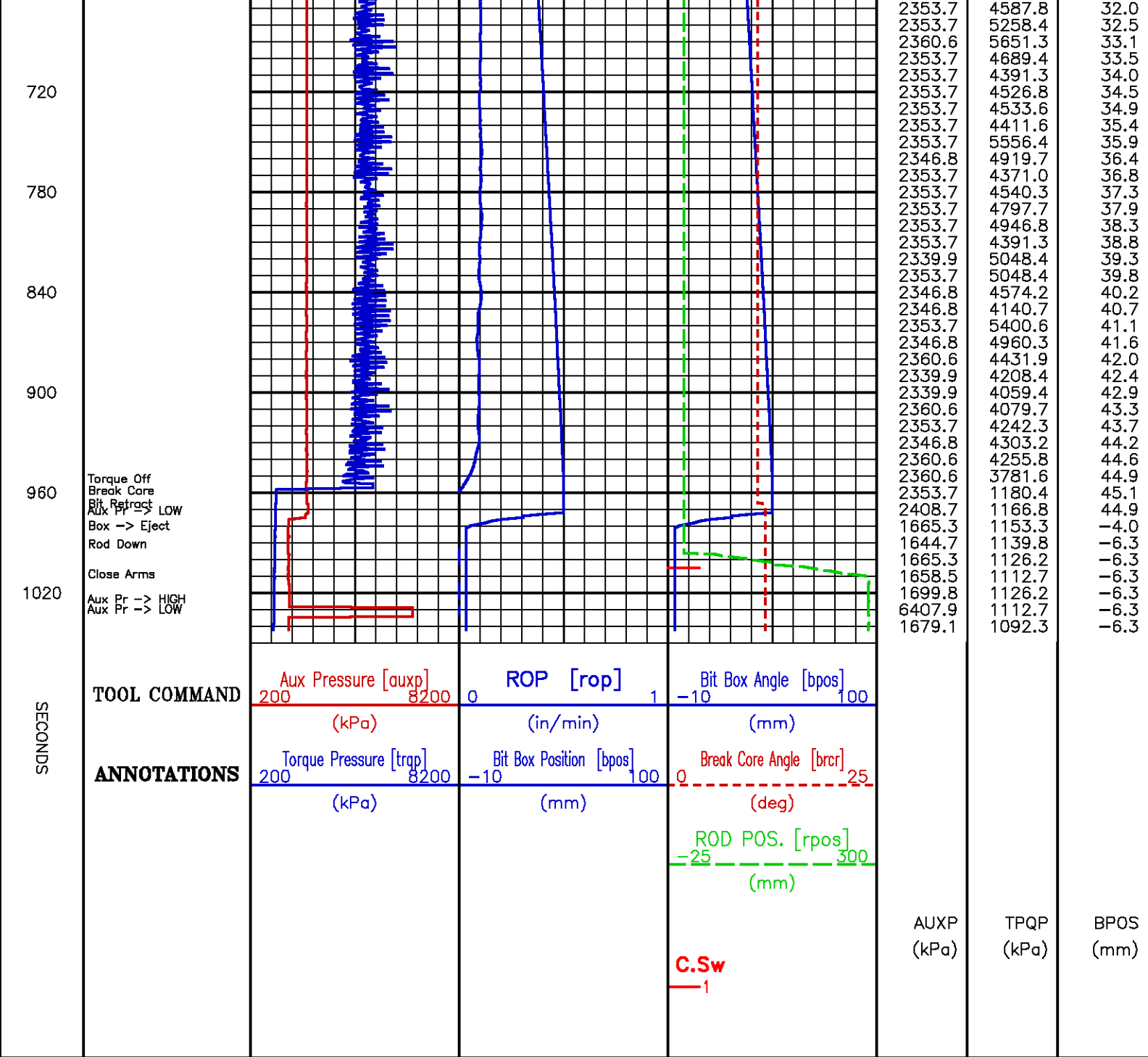
Data File   : /dat1a/pass/vulcan/k812a05.aff
Presentation: rcor.log

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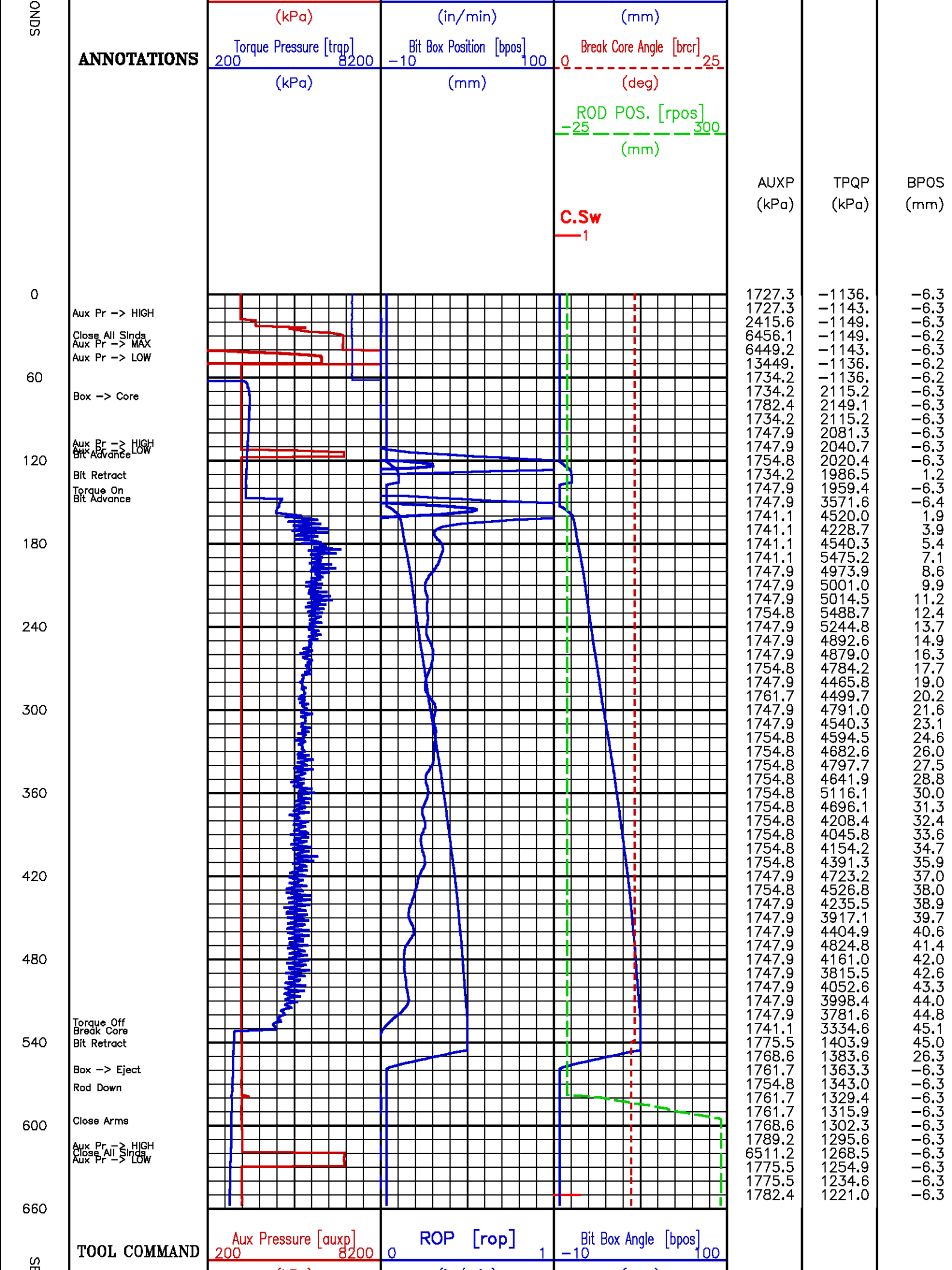




Core Depth 1761.6 m

Data File : /dat1a/pass/vulcan/k812a09.aff
Presentation: rcor.log

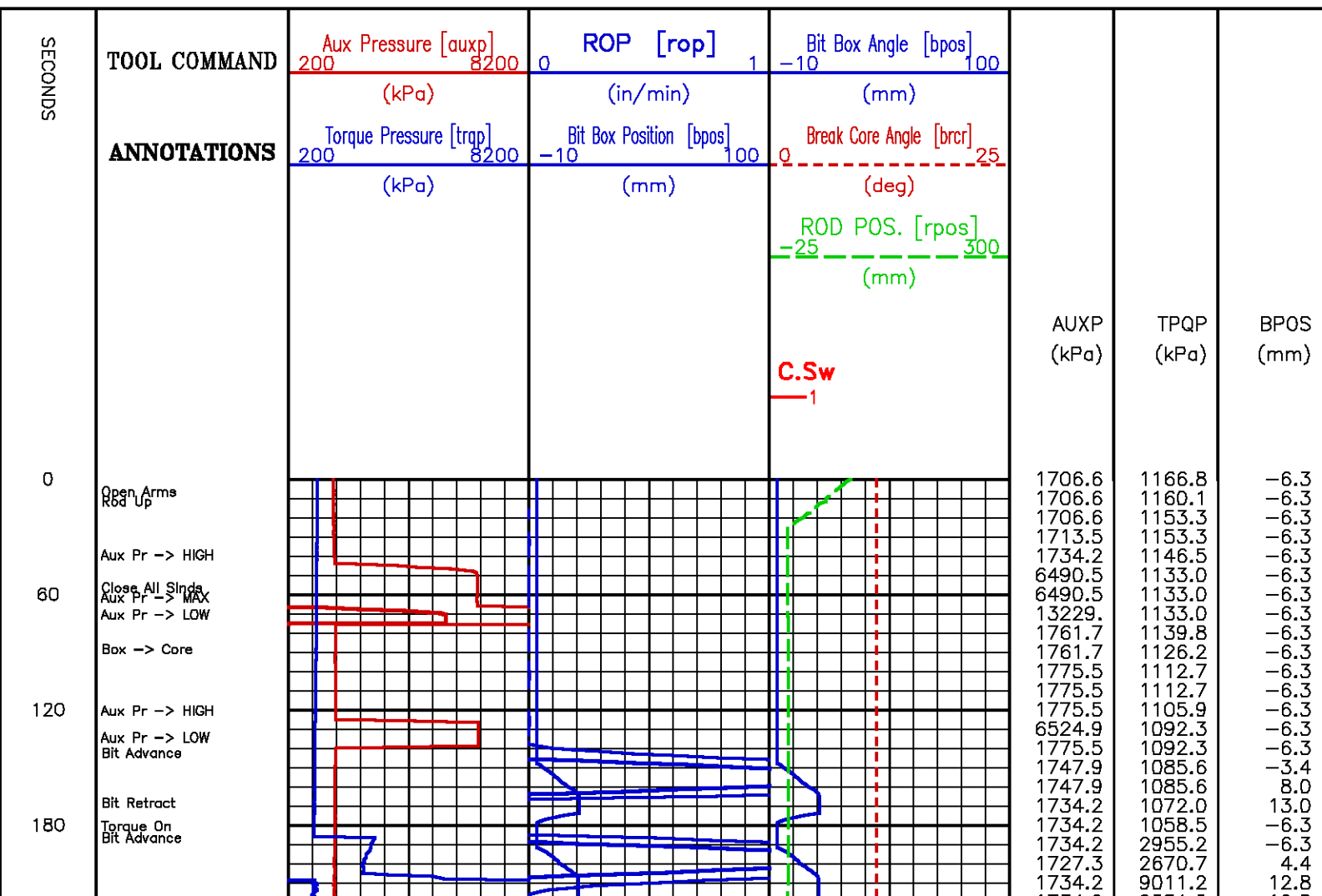
| | | | | | | | |
|-----|--------------|--|------------------------------|---|--|--|--|
| SEC | TOOL COMMAND | Aux Pressure [auxp] 200 8200 (kPa) | ROP [rop] 0 1 (in/min) | Bit Box Angle [bpos] -10 100 (mm) | | | |
|-----|--------------|--|------------------------------|---|--|--|--|

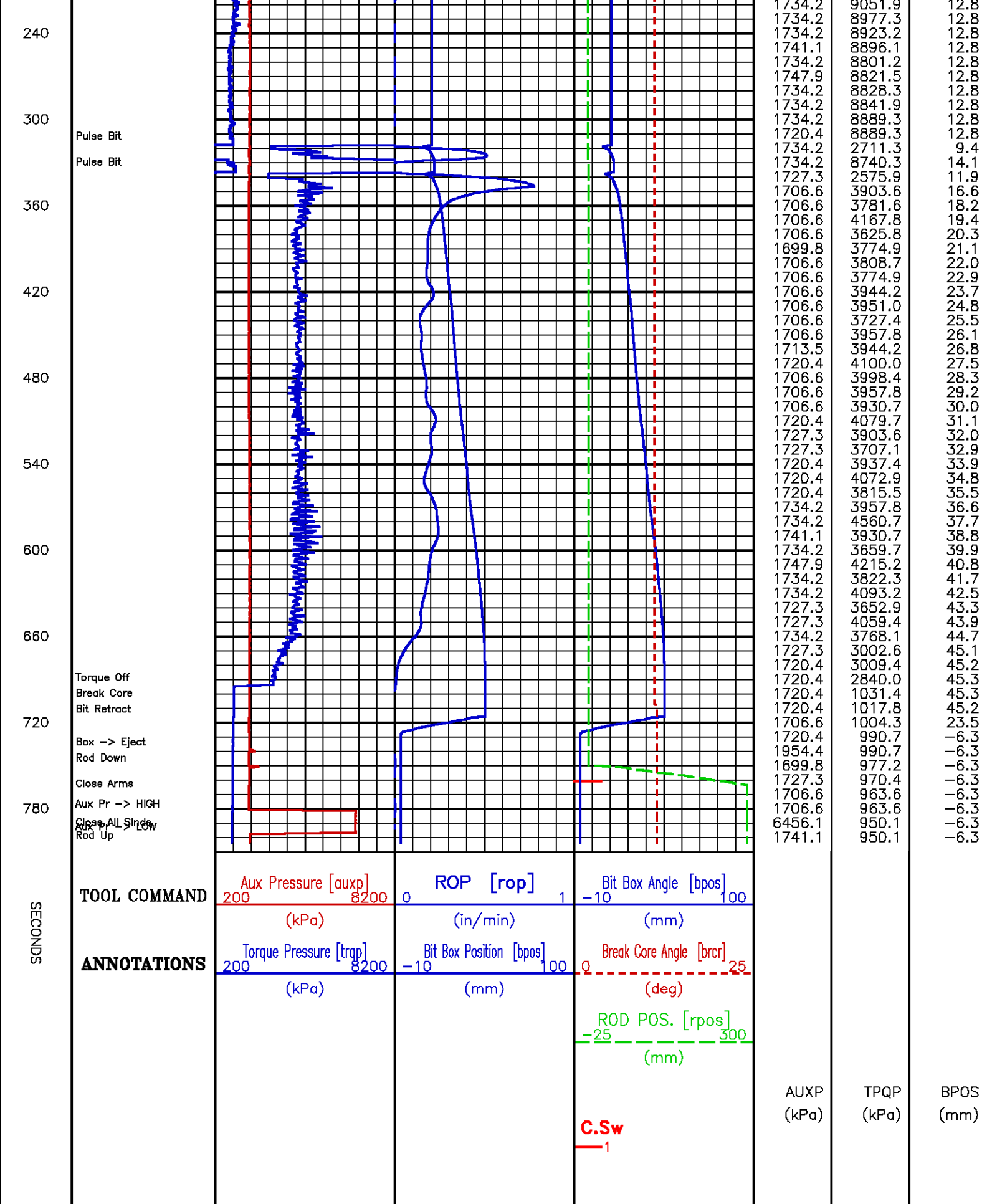


| SECONDS | ANNOTATIONS | Torque Pressure [trap] (kPa) | Bit Box Position [bpos] (in/min) | Break Core Angle [brcr] (mm) | AUXP (kPa) | TPQP (kPa) | BPOS (mm) |
|---------|-------------|---------------------------------|-------------------------------------|------------------------------------|---------------|---------------|--------------|
| | | 200 8200 | -10 100 | 0 25 | | | |
| | | (kPa) | (mm) | (deg) | | | |
| | | | | ROD POS. [rpos] -25 300 (mm) | | | |
| | | | | C.Sw 1 | | | |

Core Depth 1728.4 m

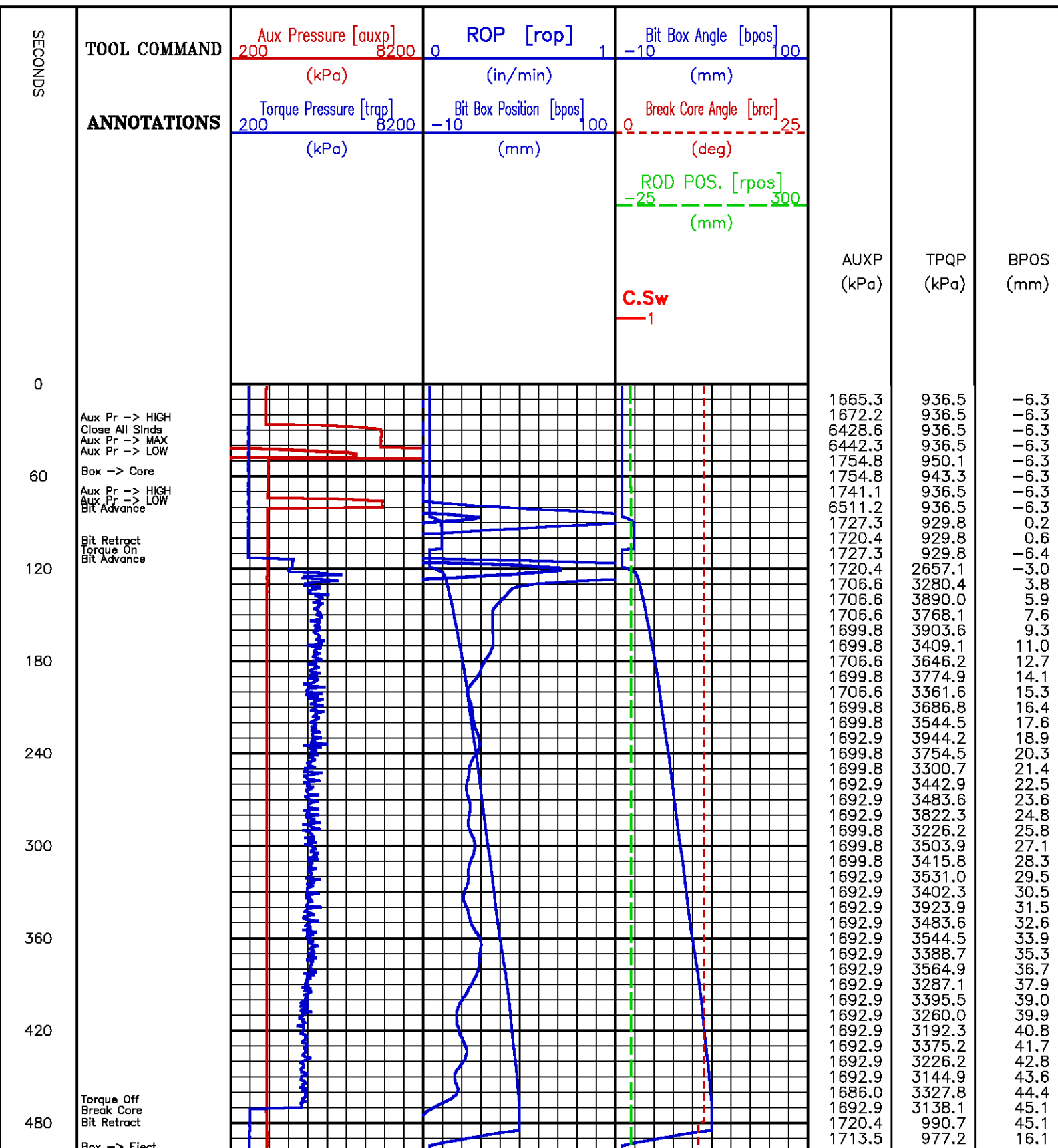
Data File : /data/pass/vulcan/k812a10.aff
Presentation: rcor.log

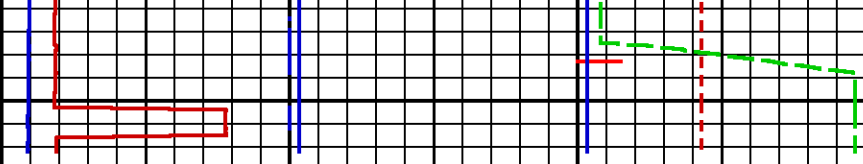




Core Depth 1692.0 m

Data File : /dat1a/pass/vulcan/k812a11.aff
Presentation: rcor.log

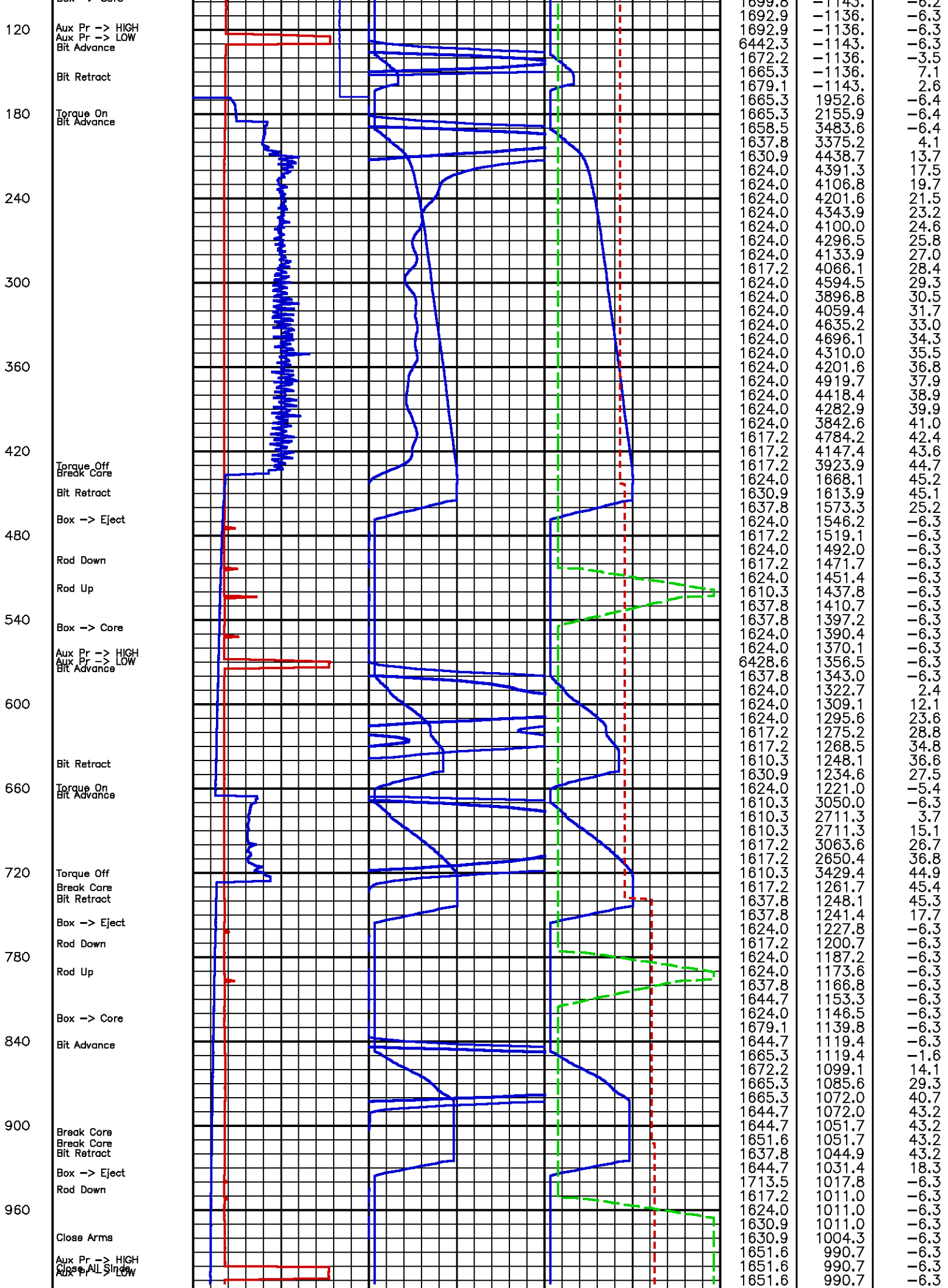


| | | | | | | | |
|---------|--|--|--|--|---------------|---------------|--------------|
| 540 | Rod Down Close Arms Aux Pr -> HIGH Close All Slids Aux Pr -> LOW |  | | | 1706.6 | 977.2 | -6.3 |
| | | | | | 1679.1 | 956.9 | -6.3 |
| | | | | | 1706.6 | 956.9 | -6.3 |
| SECONDS | TOOL COMMAND ANNOTATIONS | Aux Pressure [auxp] 200 8200 (kPa) | ROP [rop] 0 1 (in/min) | Bit Box Angle [bpos] -10 100 (mm) | 1692.9 | 936.5 | -6.3 |
| | | Torque Pressure [trap] 200 8200 (kPa) | Bit Box Position [bpos] -10 100 (mm) | Break Core Angle [brcr] 0 25 (deg) | 1679.1 | 943.3 | -6.3 |
| | | | | ROD POS. [rpos] -25 300 (mm) | 6414.8 | 929.8 | -6.3 |
| | | | | C.Sw 1 | AUXP (kPa) | TPQP (kPa) | BPOS (mm) |
| | | | | | 1713.5 | 929.8 | -6.3 |

Core Depth 1669.0 m

Data File : /dat1a/pass/vulcan/k812a13.aff
Presentation: rcor.log

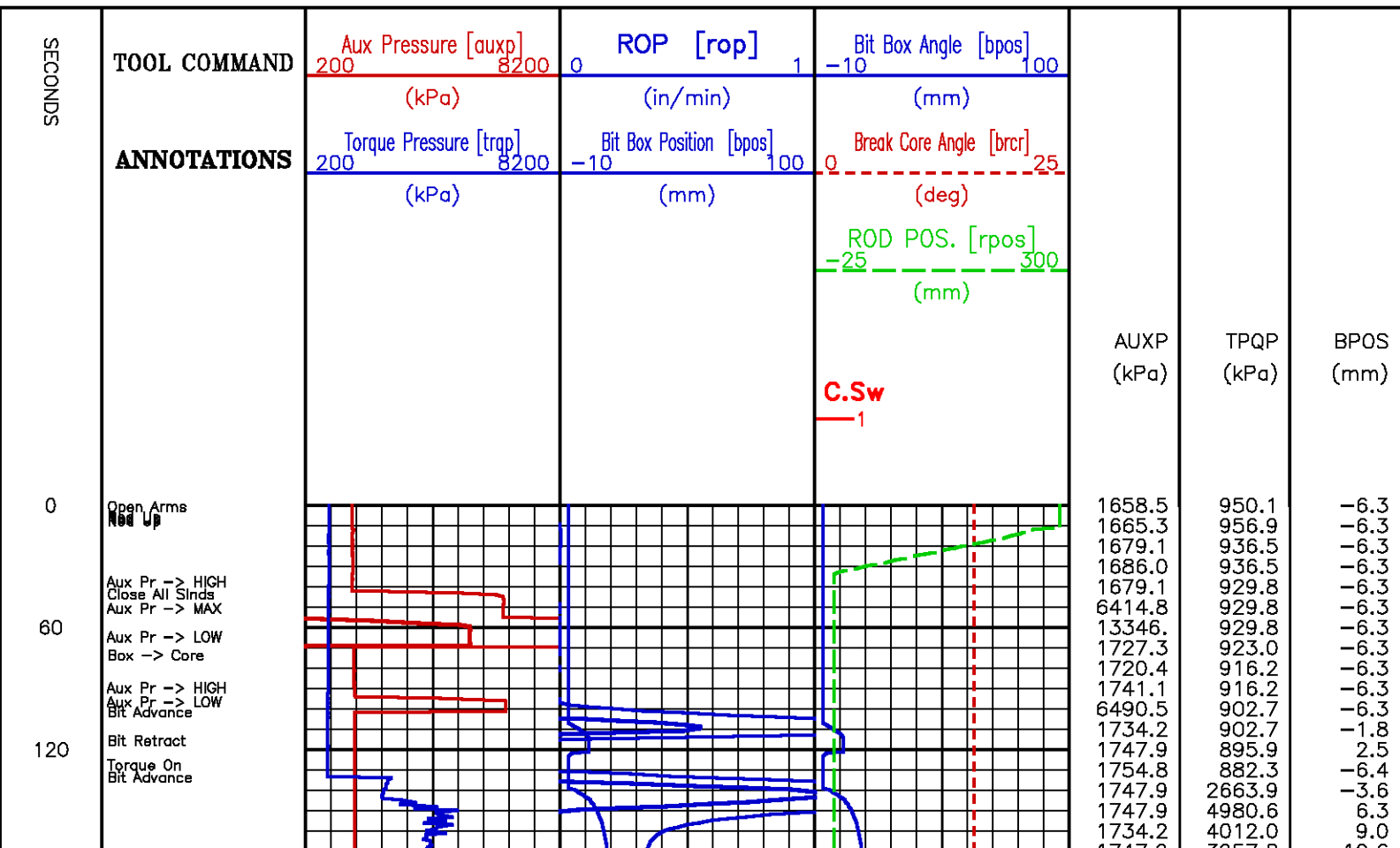
| | | | | | | | |
|---------|---|------------------------------------|---------------------------------|---------------------------------|--|--|--|
| SECONDS | TOOL COMMAND | Aux Pressure [auxp] 200 8200 | ROP [rop] 0 1 | Bit Box Angle [bpos] -10 100 | | | |
| | ANNOTATIONS | (kPa) | (in/min) | (mm) | | | |
| | Torque Pressure [trap] 200 8200 | Bit Box Position [bpos] -10 100 | Break Core Angle [brcr] 0 25 | | | | |
| | | (kPa) | (mm) | (deg) | | | |
| | | | | ROD POS. [rpos] -25 300 | | | |
| | | | | (mm) | | | |
| | | | | C.Sw 1 | | | |
| 0 | | | | | | | |
| | Open Arms Rod Up Aux Pr -> HIGH | | | | | | |
| 60 | Open Arms Rod Up Close All Slids Aux Pr -> MAX Aux Pr -> LOW Box -> Core | | | | | | |
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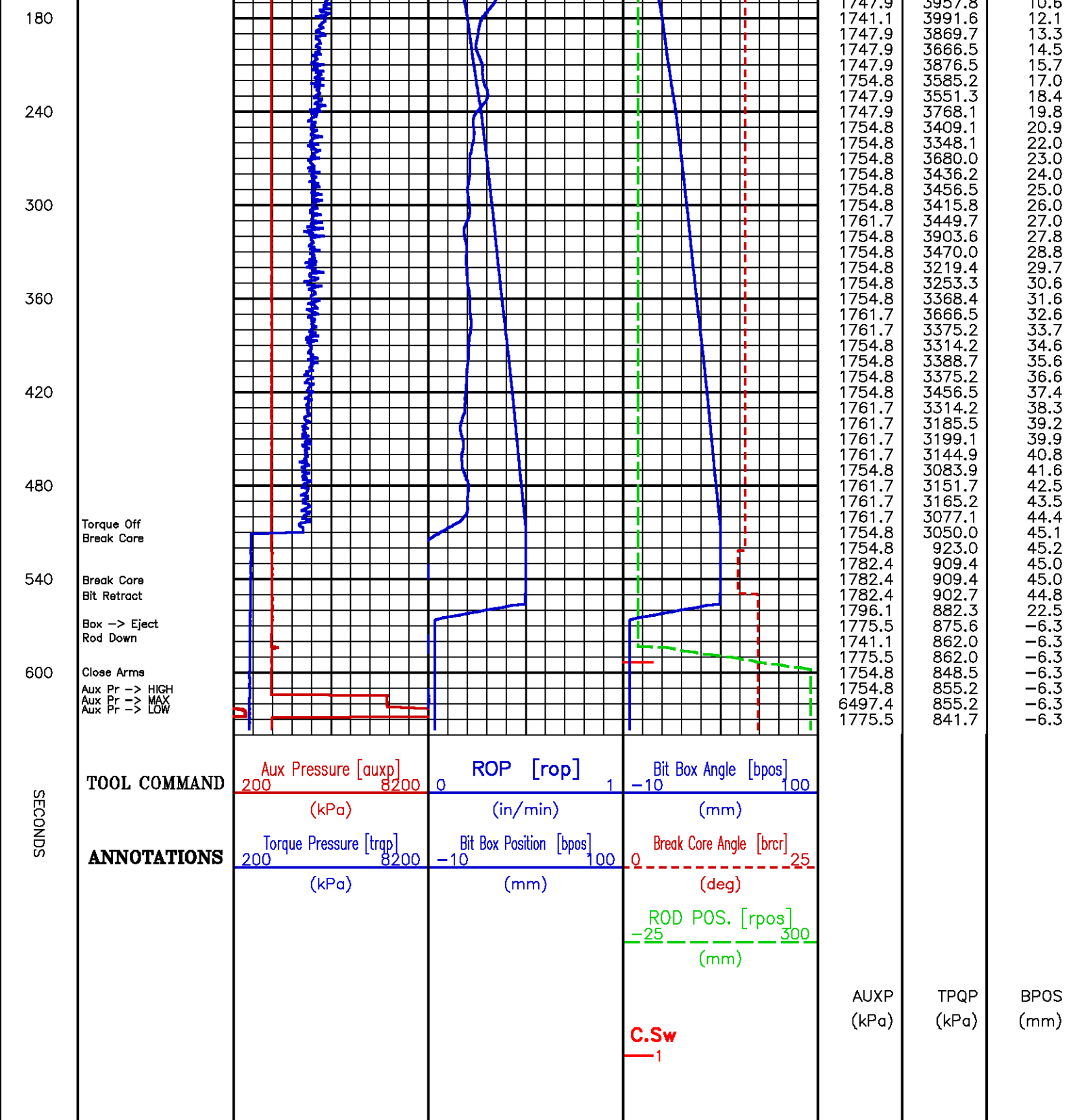


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|---------|--------------|---|--|--|--|---------------|---------------|--------------|--|
| 1020 | | | | | | | | | |
| SECONDS | TOOL COMMAND | Aux Pressure [auxp] 200 8200 (kPa) | ROP [rop] 0 1 (in/min) | Bit Box Angle [bpos] -10 100 (mm) | | | | | |
| | ANNOTATIONS | Torque Pressure [trap] 200 8200 (kPa) | Bit Box Position [bpos] -10 100 (mm) | Break Core Angle [brcr] 0 25 (deg) | | | | | |
| | | | | ROD POS. [rpos] -25 300 (mm) | | | | | |
| | | | | C.Sw 1 | | AUXP (kPa) | TPQP (kPa) | BPOS (mm) | |

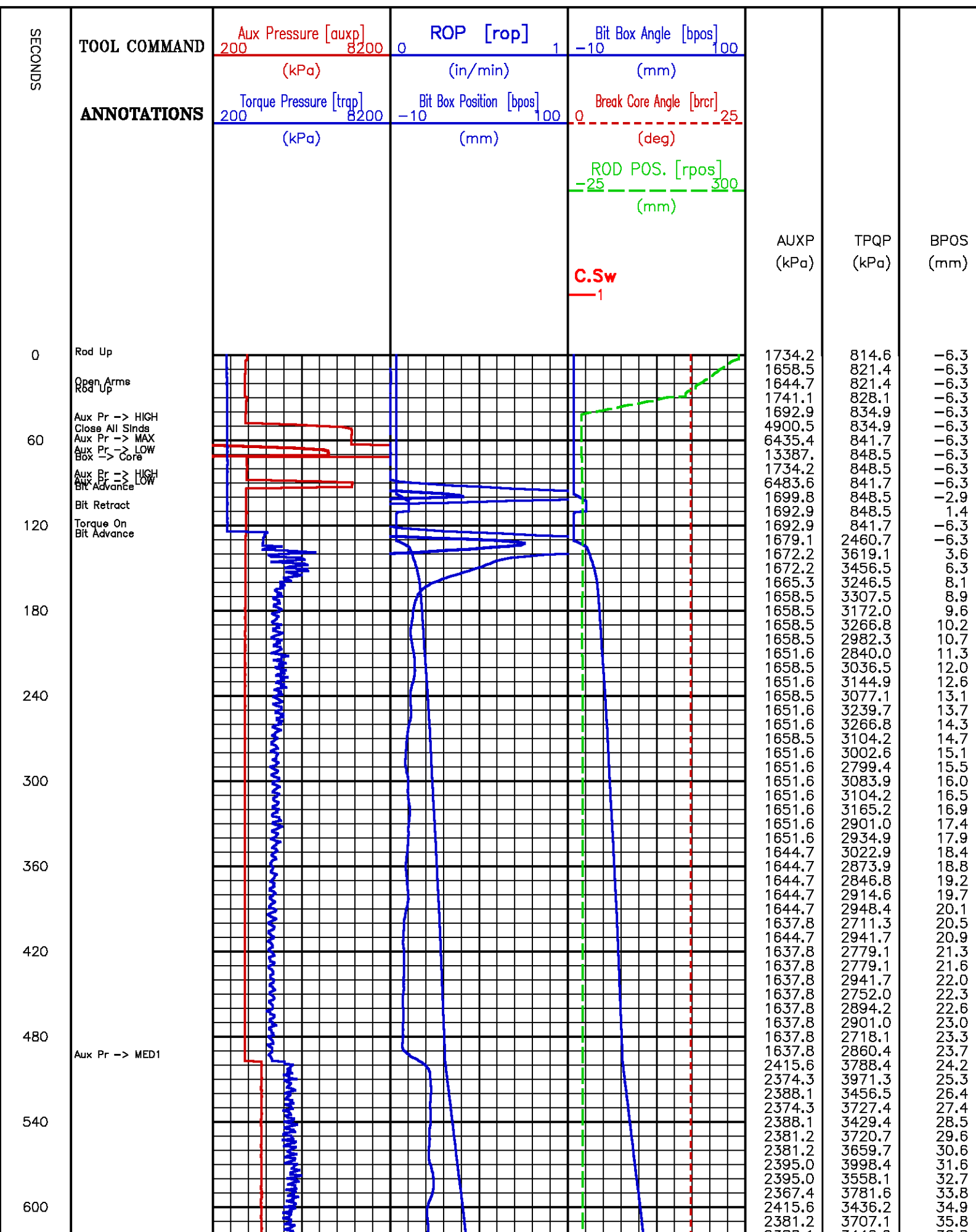
Core Depth 1667.8 m

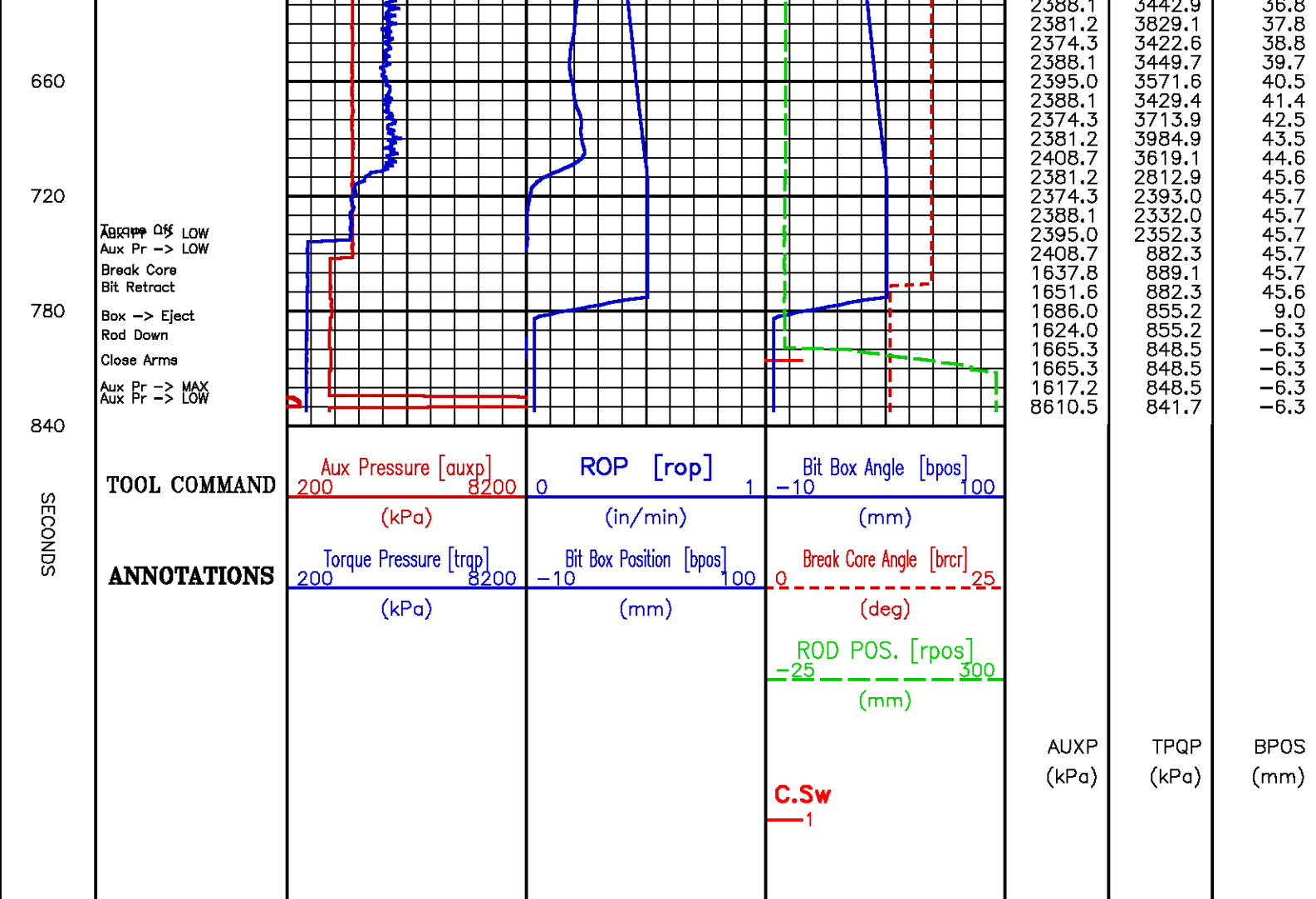
Data File : /data/pass/vulcan/k812a14.aff
Presentation: rcor.log





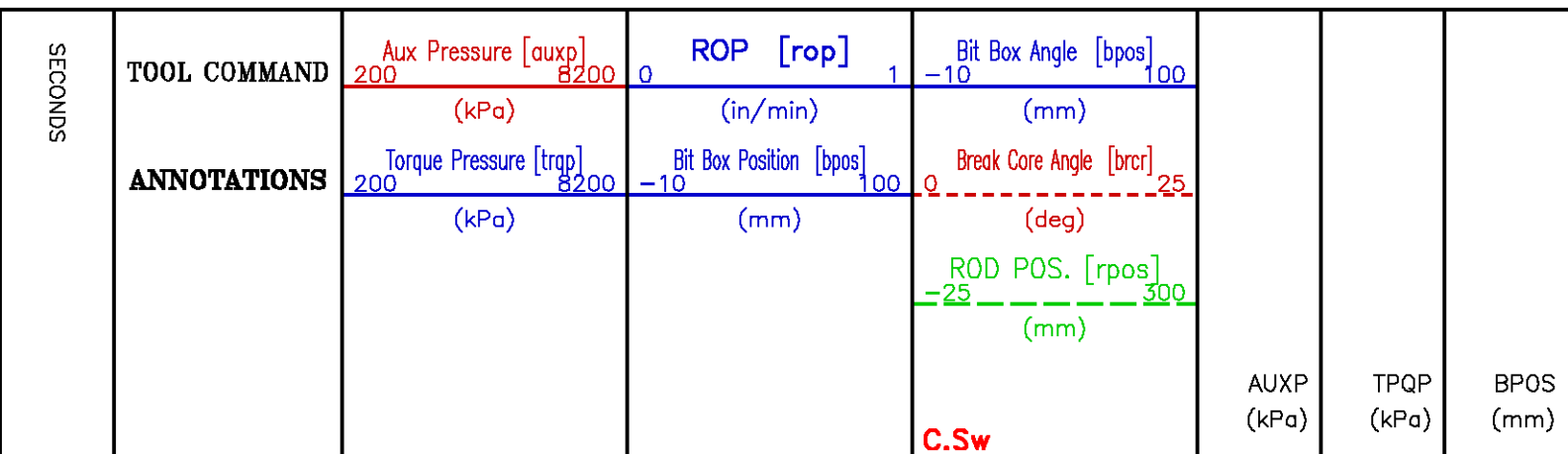
Core Depth 1638.0 m

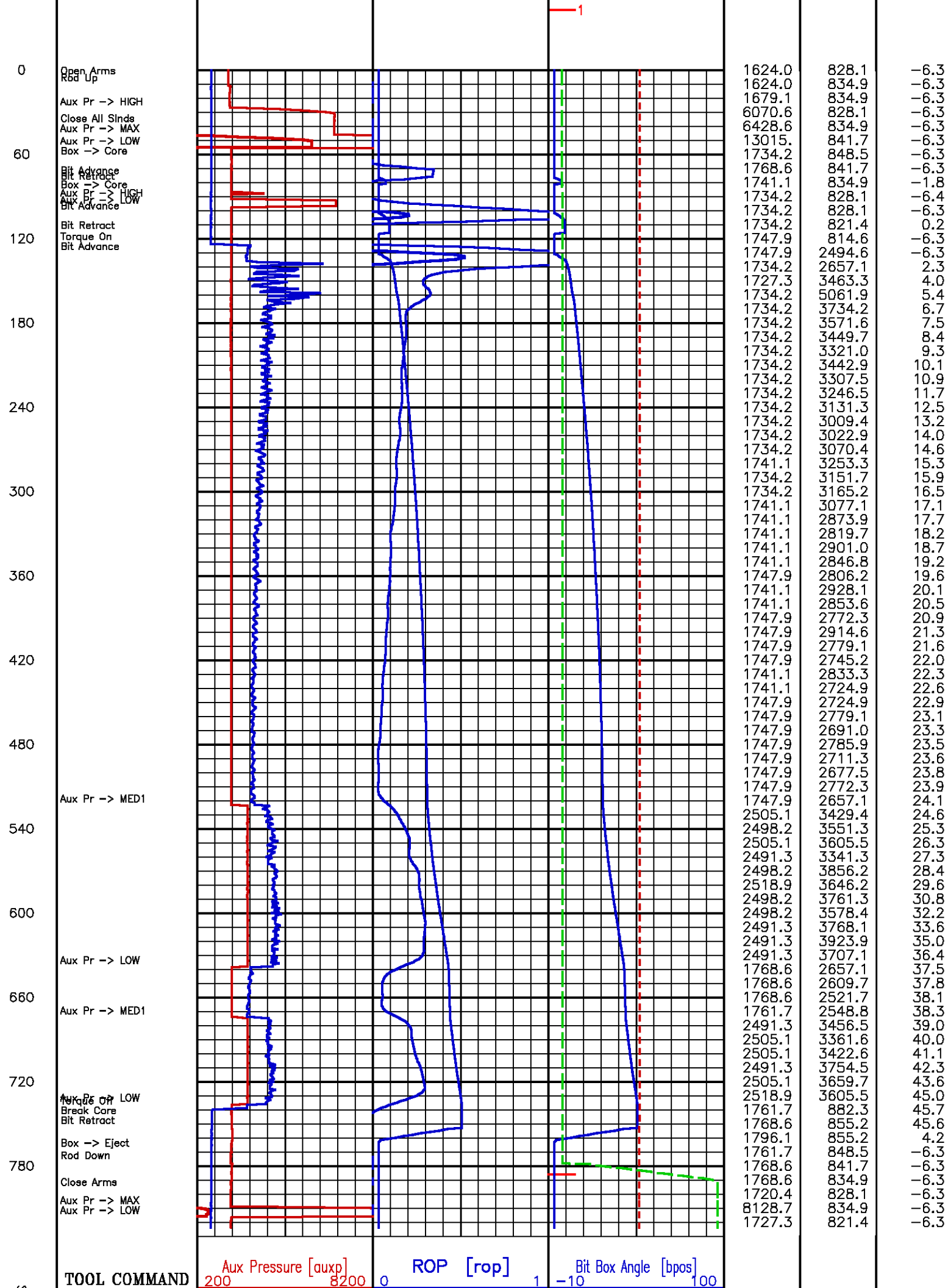




Core Depth 1593.6 m

Data File : /dat1a/pass/vulcan/k812a16.aff
Presentation: rcor.log



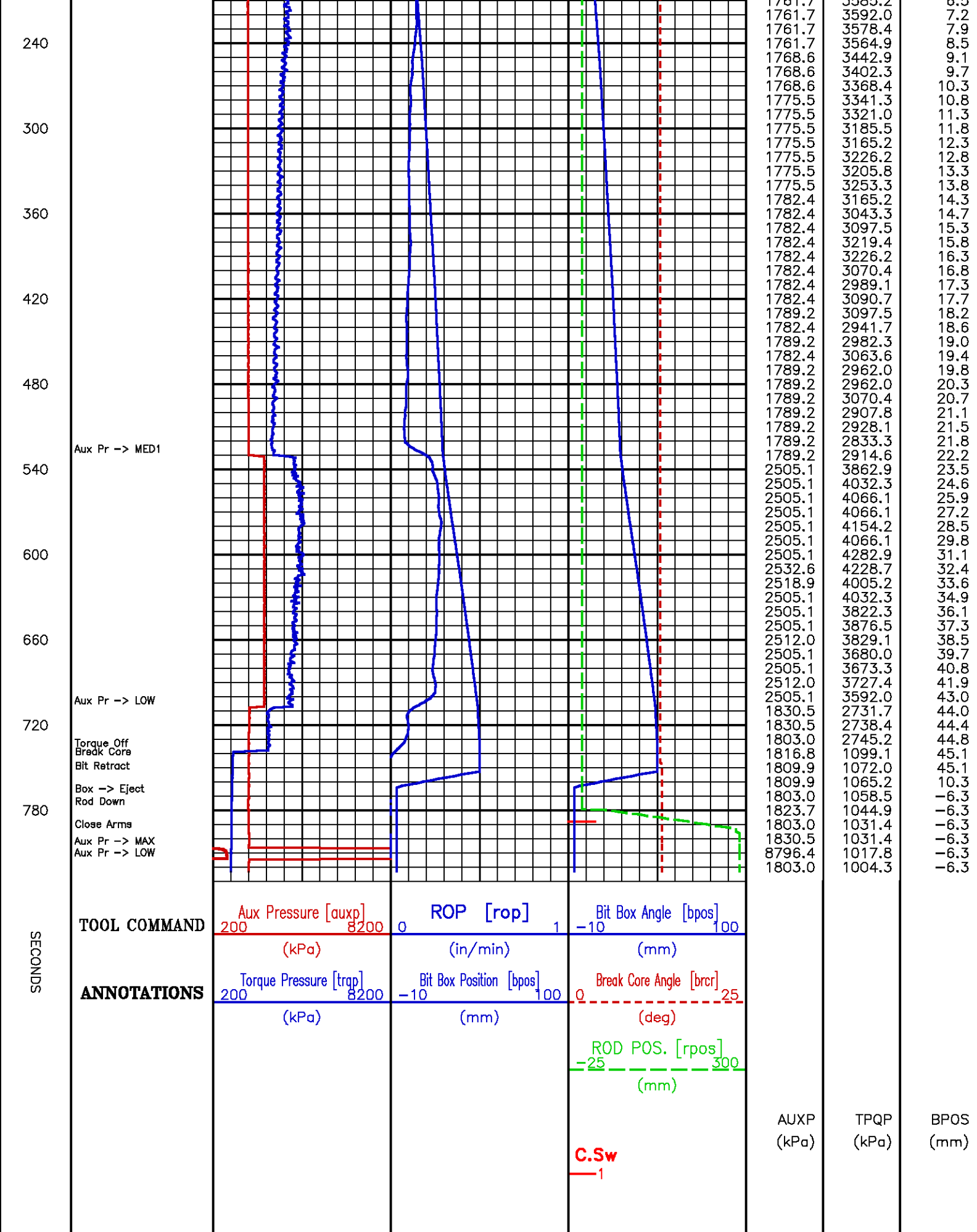


| SECONDS | ANNOTATIONS | (kPa) Torque Pressure [trap] 200 8200 | (in/min) Bit Box Position [bpos] -10 100 | (mm) Break Core Angle [brcr] 0 25 (deg) ROD POS. [rpos] -25 300 (mm) C.Sw 1 | AUXP (kPa) | TPQP (kPa) | BPOS (mm) |
|---------|-------------|---|--|---|---------------|---------------|--------------|
|---------|-------------|---|--|---|---------------|---------------|--------------|

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|---------------------|
| Core Depth 1569.4 m |
|---------------------|

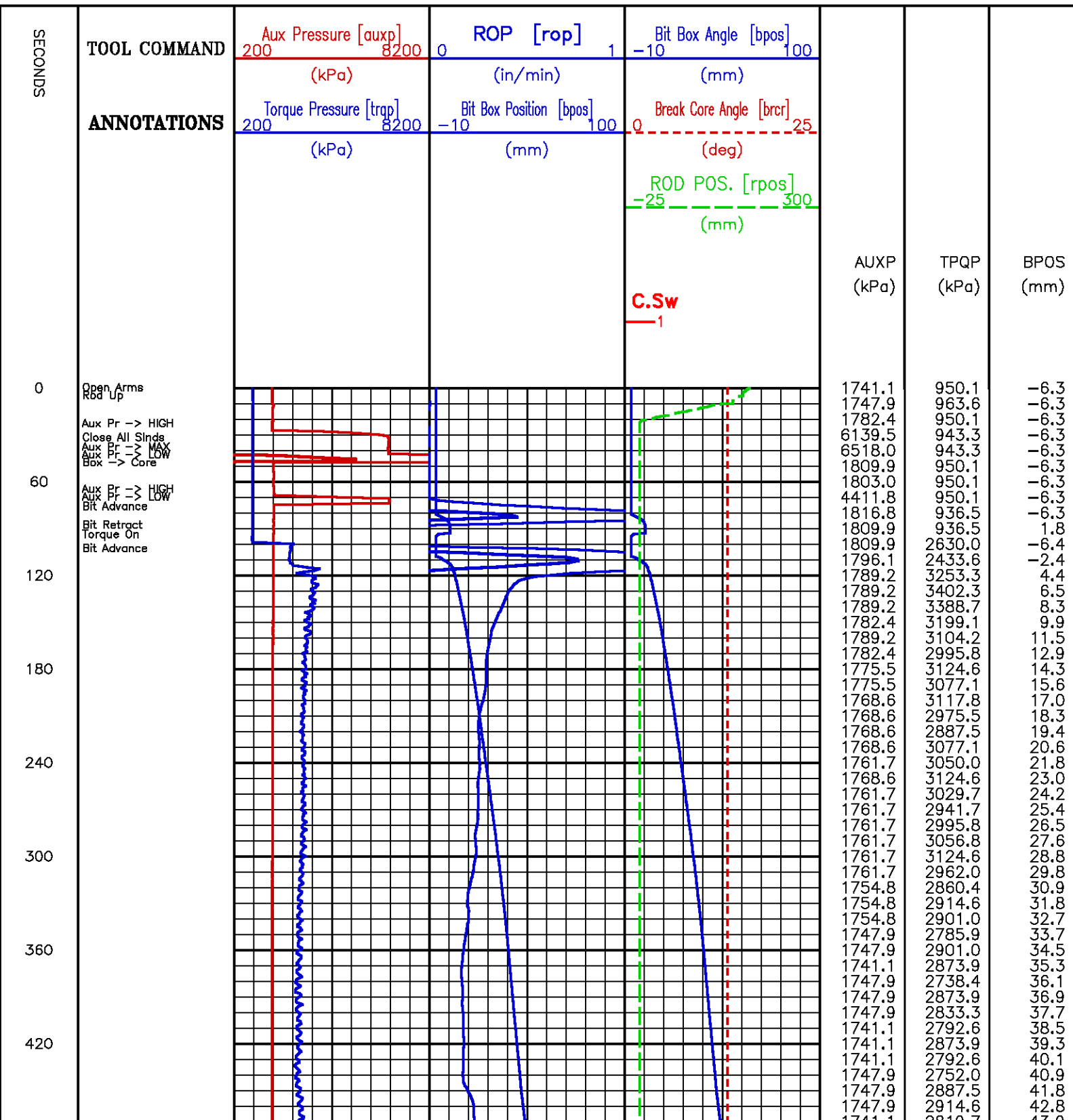
Data File : /dat1a/pass/vulcan/k812a18.aff
 Presentation: rcor.log

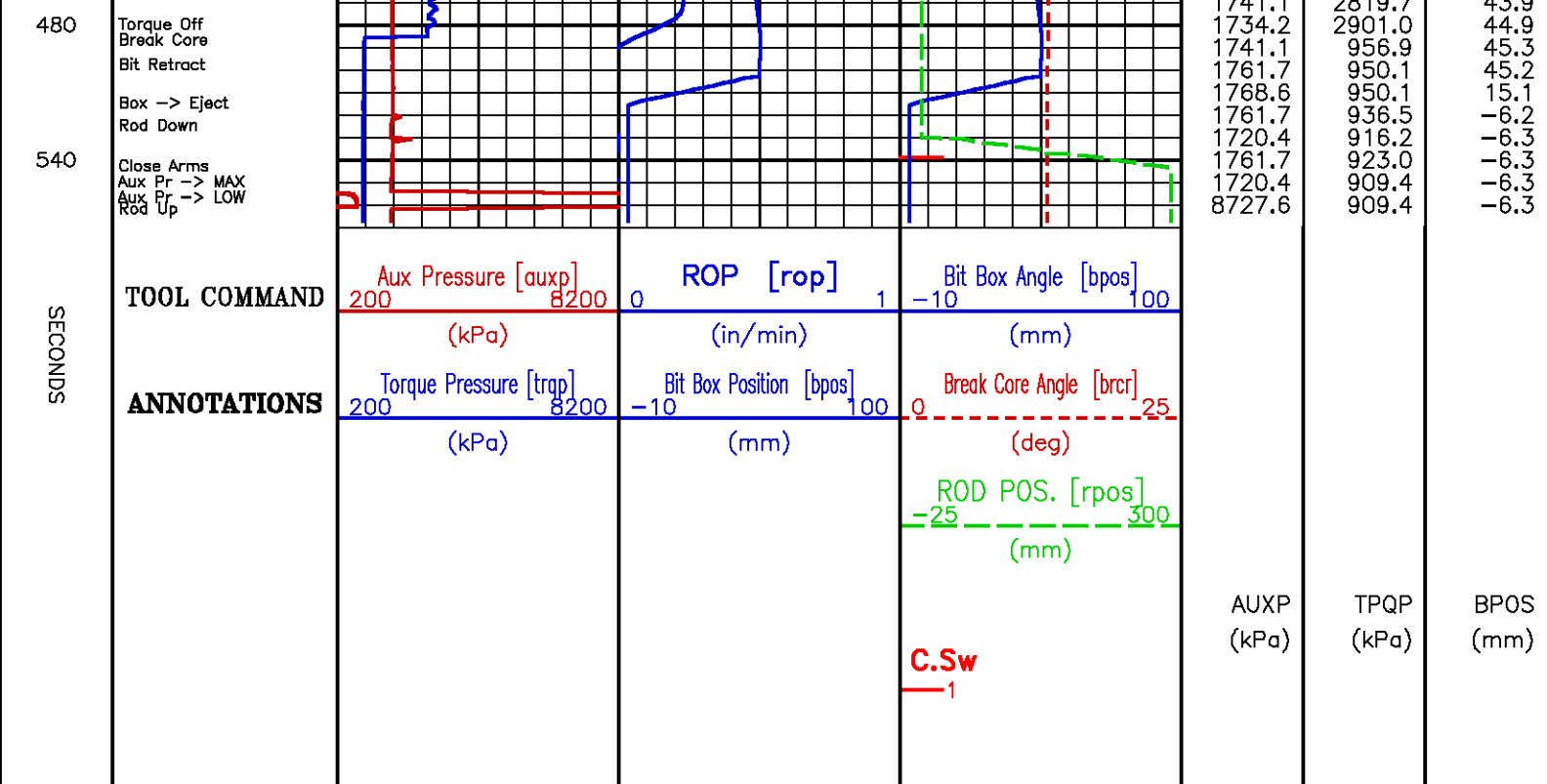
| SECONDS | TOOL COMMAND | Aux Pressure [auxp] 200 8200 (kPa) Torque Pressure [trap] 200 8200 (kPa) | ROP [rop] 0 1 (in/min) Bit Box Position [bpos] -10 100 (mm) | Bit Box Angle [bpos] -10 100 (mm) Break Core Angle [brcr] 0 25 (deg) ROD POS. [rpos] -25 300 (mm) C.Sw 1 | AUXP (kPa) | TPQP (kPa) | BPOS (mm) |
|---------|--|---|--|--|---------------|---------------|--------------|
| 0 | Open Arms Rdd Up Aux Pr -> HIGH | | | | 1706.6 | -1102. | -5.9 |
| | | | | | 1706.6 | -1102. | -5.9 |
| | | | | | 1706.6 | -1109. | -5.9 |
| | | | | | 1713.5 | -1109. | -5.9 |
| | | | | | 3145.2 | -1116. | -5.9 |
| | | | | | 6483.6 | -1116. | -6.0 |
| 60 | Close All Sinds Aux Pr -> MAX Aux Pr -> LOW Box -> Core | | | | 6483.6 | -1116. | -5.9 |
| | | | | | 13415. | -1116. | -5.9 |
| | | | | | 1803.0 | -1136. | -5.9 |
| | Aux Pr -> HIGH | | | | 1775.5 | -1129. | -6.0 |
| | Aux Pr -> LOW | | | | 6518.0 | -1136. | -6.0 |
| 120 | Bit Advance | | | | 6524.9 | -1143. | -6.0 |
| | Bit Retract | | | | 1789.2 | -1136. | -6.0 |
| | | | | | 1768.6 | -1136. | 1.1 |
| | | | | | 1761.7 | -1136. | 3.5 |
| | | | | | 1775.5 | 1532.6 | -6.4 |
| | | | | | 1775.5 | 1668.1 | -6.4 |
| | Torque On | | | | 1775.5 | 3253.3 | -6.4 |
| 180 | Bit Advance | | | | 1761.7 | 3056.8 | -3.0 |
| | | | | | 1754.8 | 3422.6 | 4.4 |
| | | | | | 1761.7 | 3693.6 | 5.8 |
| | | | | | 1761.7 | 3695.2 | 6.5 |



Core Depth 1565.6 m

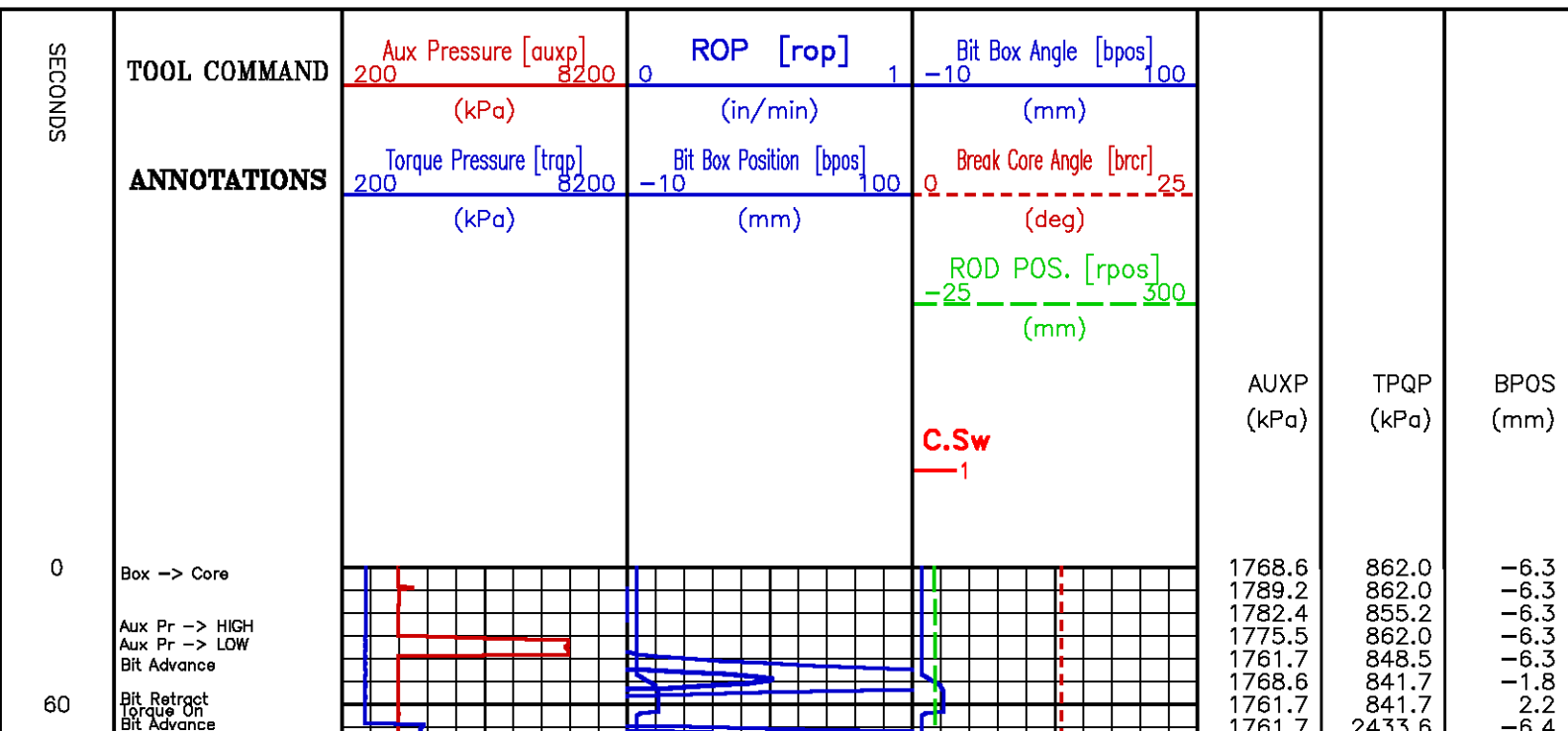
Data File : /dat1a/pass/vulcan/k812a19.aff
Presentation: rcor.log





Core Depth 1562.8 m

Data File : /dat1a/pass/vulcan/k812a20.aff
Presentation: rcor.log



120

180

240

300

360

420

480

540

600

660

720

780

840

Aux Pr -> MED1

Pulse Bit

Pulse Bit

Pulse Bit

Aux Pr -> MED2

Pulse Bit

Torque Off
Aux Pr -> LOW
Break Core
Bit Retract
Box -> Eject
Rod Down
Aux Pr -> MED1
Aux Pr -> LOW
Close Arms
Aux Pr -> MAX
Aux Pr -> LOW

TOOL COMMAND

ANNOTATIONS

| | | |
|------------------------|-------------------------|-------------------------|
| Aux Pressure [auxp] | ROP [rop] | Bit Box Angle [bpos] |
| 200 8200 | 0 1 | -10 100 |
| (kPa) | (in/min) | (mm) |
| Torque Pressure [trap] | Bit Box Position [bpos] | Break Core Angle [brcr] |
| 200 8200 | -10 100 | 0 25 |
| (kPa) | (mm) | (deg) |
| | | ROD POS [rpos] |

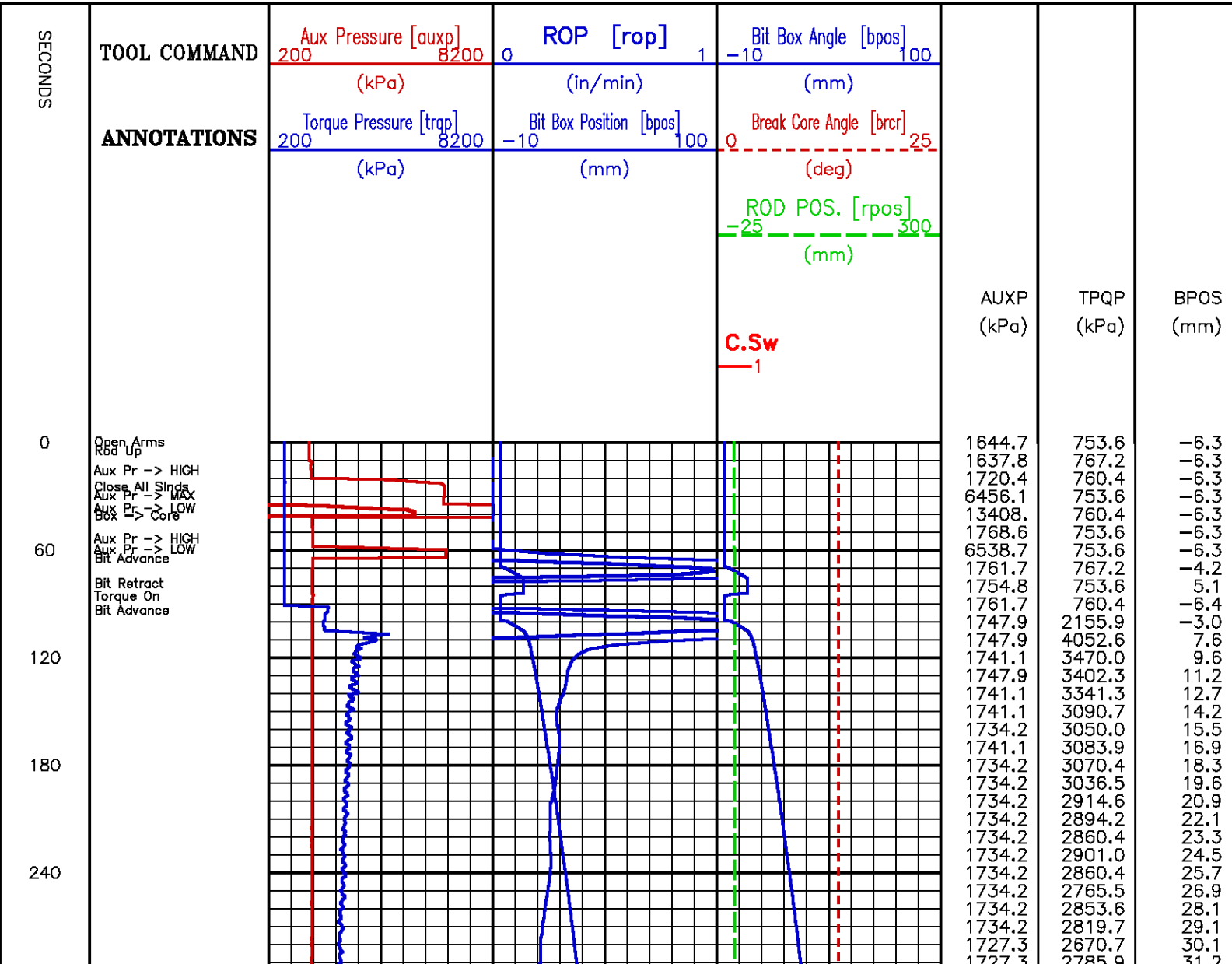
| | | |
|--------|--------|------|
| 1754.8 | 3083.9 | 2.9 |
| 1747.9 | 4377.8 | 5.4 |
| 1741.1 | 3253.3 | 6.8 |
| 1747.9 | 3205.8 | 7.8 |
| 1747.9 | 3239.7 | 8.9 |
| 1747.9 | 3199.1 | 9.8 |
| 1741.1 | 3239.7 | 10.9 |
| 1741.1 | 3165.2 | 11.9 |
| 1741.1 | 2982.3 | 13.0 |
| 1734.2 | 3131.3 | 14.0 |
| 1741.1 | 2846.8 | 14.9 |
| 1734.2 | 2846.8 | 15.7 |
| 1734.2 | 2765.5 | 16.6 |
| 1734.2 | 2894.2 | 17.3 |
| 1734.2 | 2806.2 | 17.8 |
| 1734.2 | 2657.1 | 18.3 |
| 1734.2 | 2860.4 | 18.5 |
| 1734.2 | 2833.3 | 18.8 |
| 2491.3 | 3456.5 | 19.2 |
| 2498.2 | 3917.1 | 20.8 |
| 2491.3 | 4154.2 | 22.4 |
| 2491.3 | 4188.1 | 23.8 |
| 2491.3 | 3917.1 | 25.3 |
| 2463.8 | 4208.4 | 26.6 |
| 2477.6 | 4899.4 | 27.7 |
| 2477.6 | 4777.4 | 28.8 |
| 2491.3 | 4161.0 | 29.6 |
| 2491.3 | 4208.4 | 29.9 |
| 2477.6 | 4201.6 | 30.1 |
| 2491.3 | 4188.1 | 30.2 |
| 2484.4 | 2846.8 | 25.6 |
| 2470.7 | 3998.4 | 31.8 |
| 2491.3 | 3964.5 | 33.9 |
| 2477.6 | 3849.4 | 35.8 |
| 2463.8 | 3720.7 | 37.6 |
| 2463.8 | 4045.8 | 39.1 |
| 2477.6 | 3741.0 | 40.3 |
| 2463.8 | 4154.2 | 40.8 |
| 2463.8 | 3727.4 | 41.1 |
| 2463.8 | 3713.9 | 41.2 |
| 2477.6 | 3700.3 | 41.3 |
| 2484.4 | 3700.3 | 41.4 |
| 2463.8 | 3862.9 | 41.4 |
| 2470.7 | 3686.8 | 41.4 |
| 2463.8 | 3713.9 | 40.7 |
| 2470.7 | 3700.3 | 40.8 |
| 2491.3 | 3903.6 | 40.8 |
| 2456.9 | 3666.5 | 40.2 |
| 2456.9 | 3815.5 | 40.3 |
| 2477.6 | 3862.9 | 40.3 |
| 3792.3 | 5061.9 | 40.7 |
| 3785.4 | 6328.7 | 40.9 |
| 3785.4 | 5082.3 | 41.0 |
| 3785.4 | 6206.8 | 41.2 |
| 3785.4 | 4872.3 | 41.3 |
| 3785.4 | 5285.5 | 41.4 |
| 3785.4 | 5813.9 | 41.5 |
| 3785.4 | 4987.4 | 41.6 |
| 3778.5 | 6572.6 | 41.6 |
| 3785.4 | 4940.0 | 41.6 |
| 3792.3 | 5380.3 | 41.7 |
| 3785.4 | 5136.5 | 41.8 |
| 3785.4 | 4323.6 | 39.2 |
| 3792.3 | 4459.0 | 39.7 |
| 3792.3 | 5089.0 | 39.9 |
| 3785.4 | 5421.0 | 40.1 |
| 3785.4 | 5271.9 | 40.3 |
| 3785.4 | 4804.5 | 40.4 |
| 3792.3 | 834.9 | 40.5 |
| 1747.9 | 834.9 | 40.5 |
| 1789.2 | 828.1 | 8.2 |
| 1734.2 | 821.4 | -6.3 |
| 1741.1 | 828.1 | -6.3 |
| 1747.9 | 814.6 | -6.2 |
| 2477.6 | 807.8 | -6.3 |
| 1741.1 | 801.0 | -6.3 |
| 1741.1 | 794.3 | -6.3 |
| 1741.1 | 787.5 | -6.3 |
| 8720.7 | 774.0 | -6.3 |

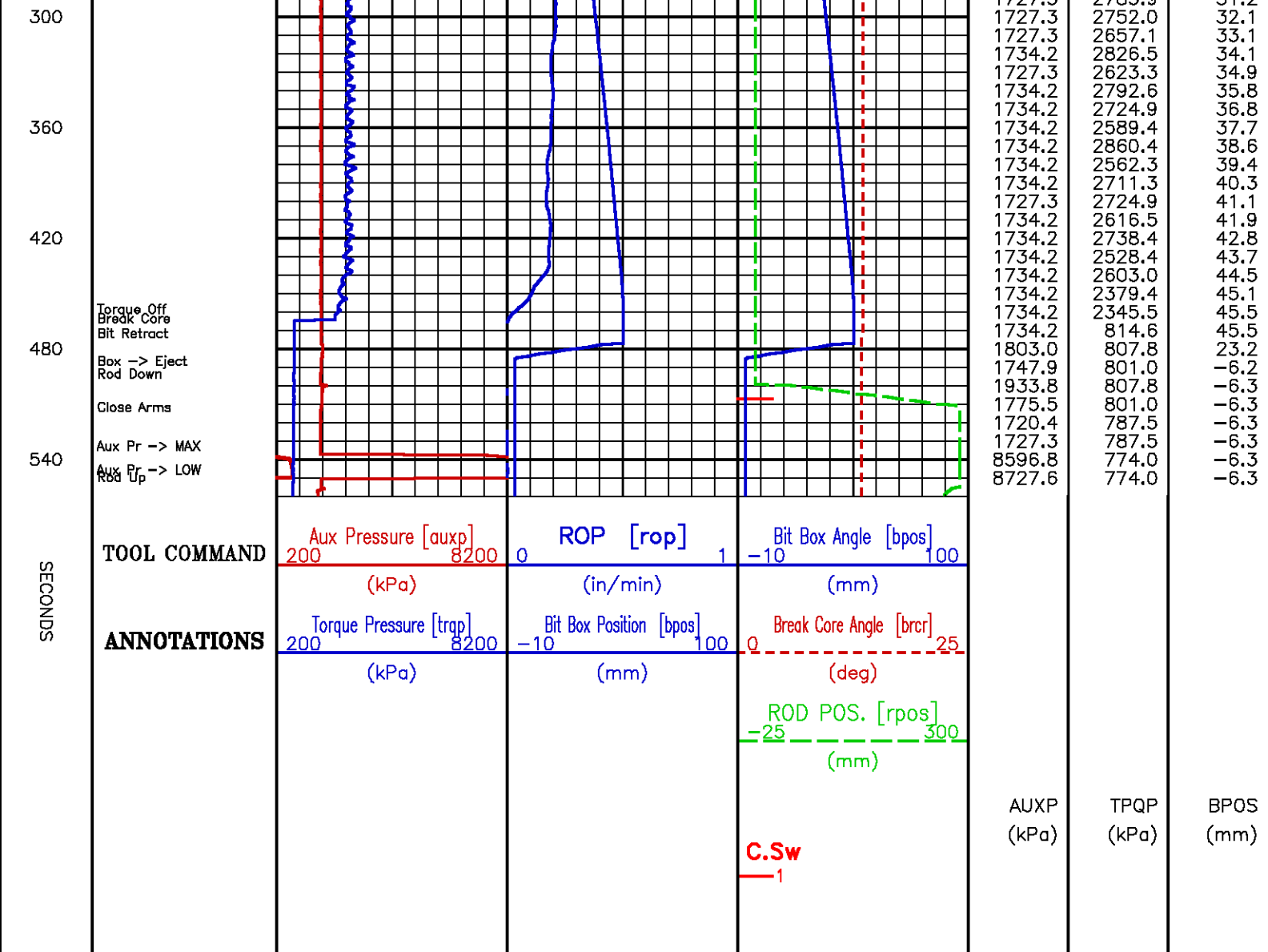
SECONDS

| | | | | | | | |
|--|--|--|--|---|----------------------------------|----------------------------------|---------------------------------|
| | | | | <div> <div> <div>ROP POS. [rpos]</div> <div>(mm)</div> </div> <div> <div>-25</div> <div>300</div> </div> </div> <div> <div>C.Sw</div> <div>1</div> </div> | <div>AUXP</div> <div>(kPa)</div> | <div>TPQP</div> <div>(kPa)</div> | <div>BPOS</div> <div>(mm)</div> |
|--|--|--|--|---|----------------------------------|----------------------------------|---------------------------------|

Core Depth 1560.0 m

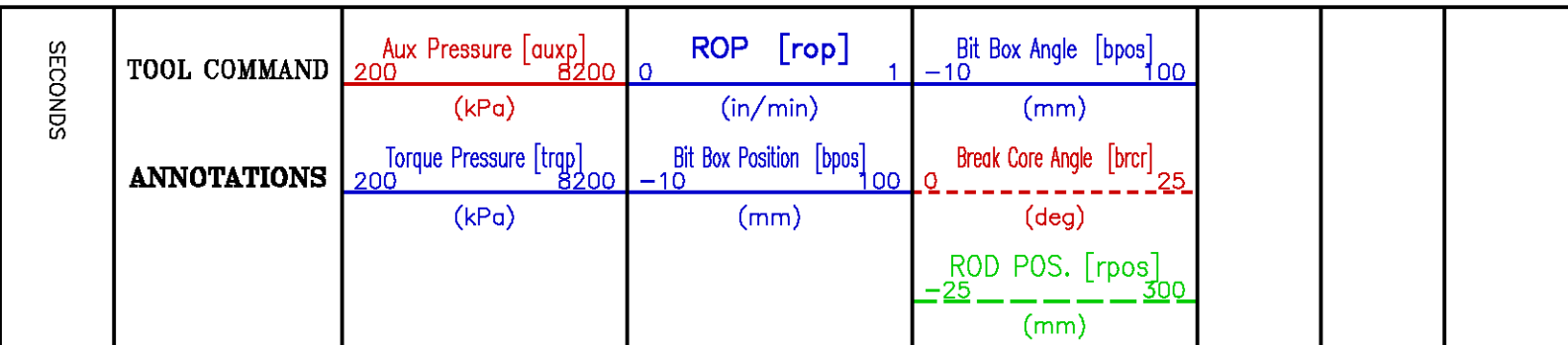
Data File : /dat1a/pass/vulcan/k812a21.aff
Presentation: rcor.log

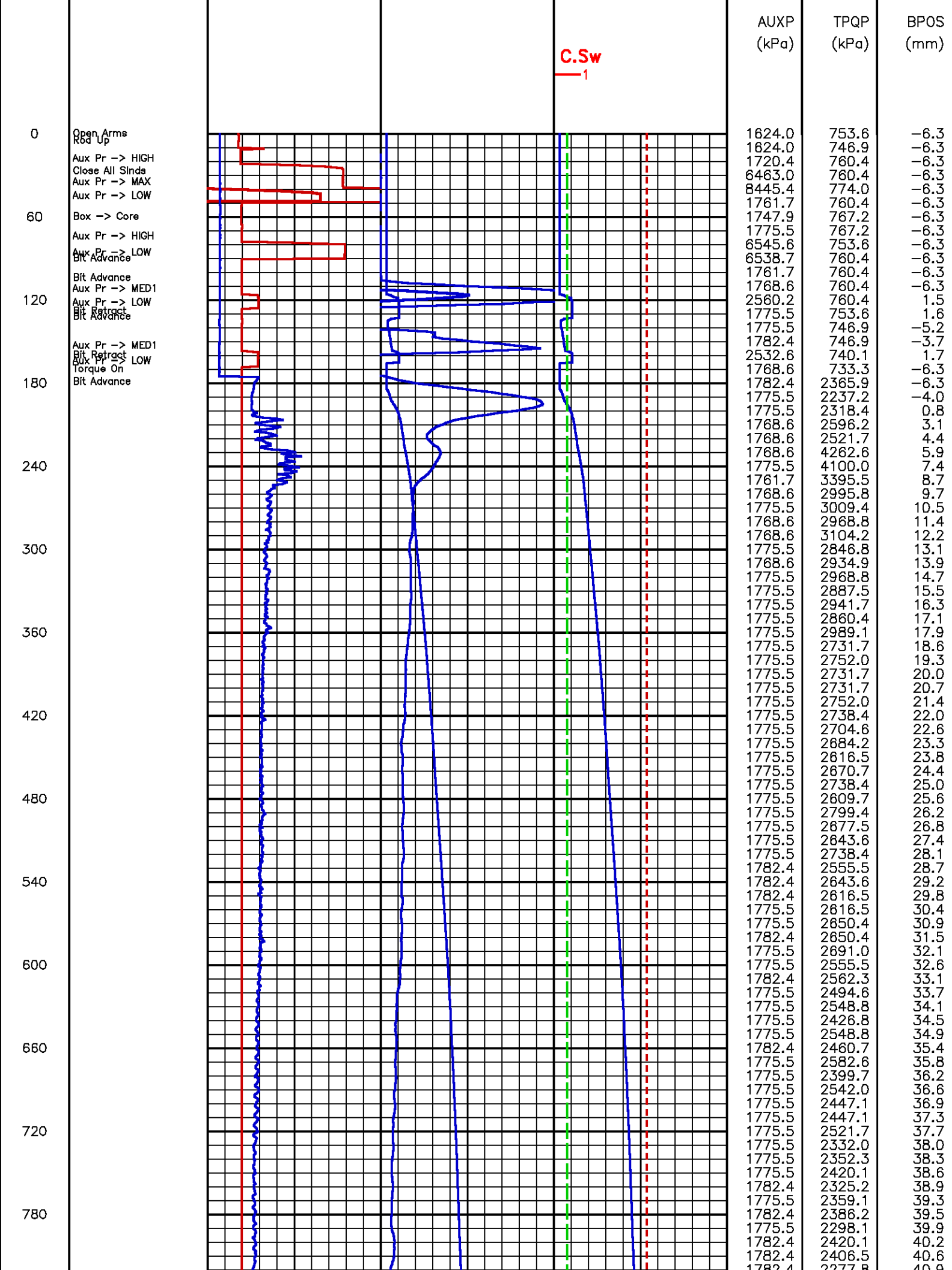


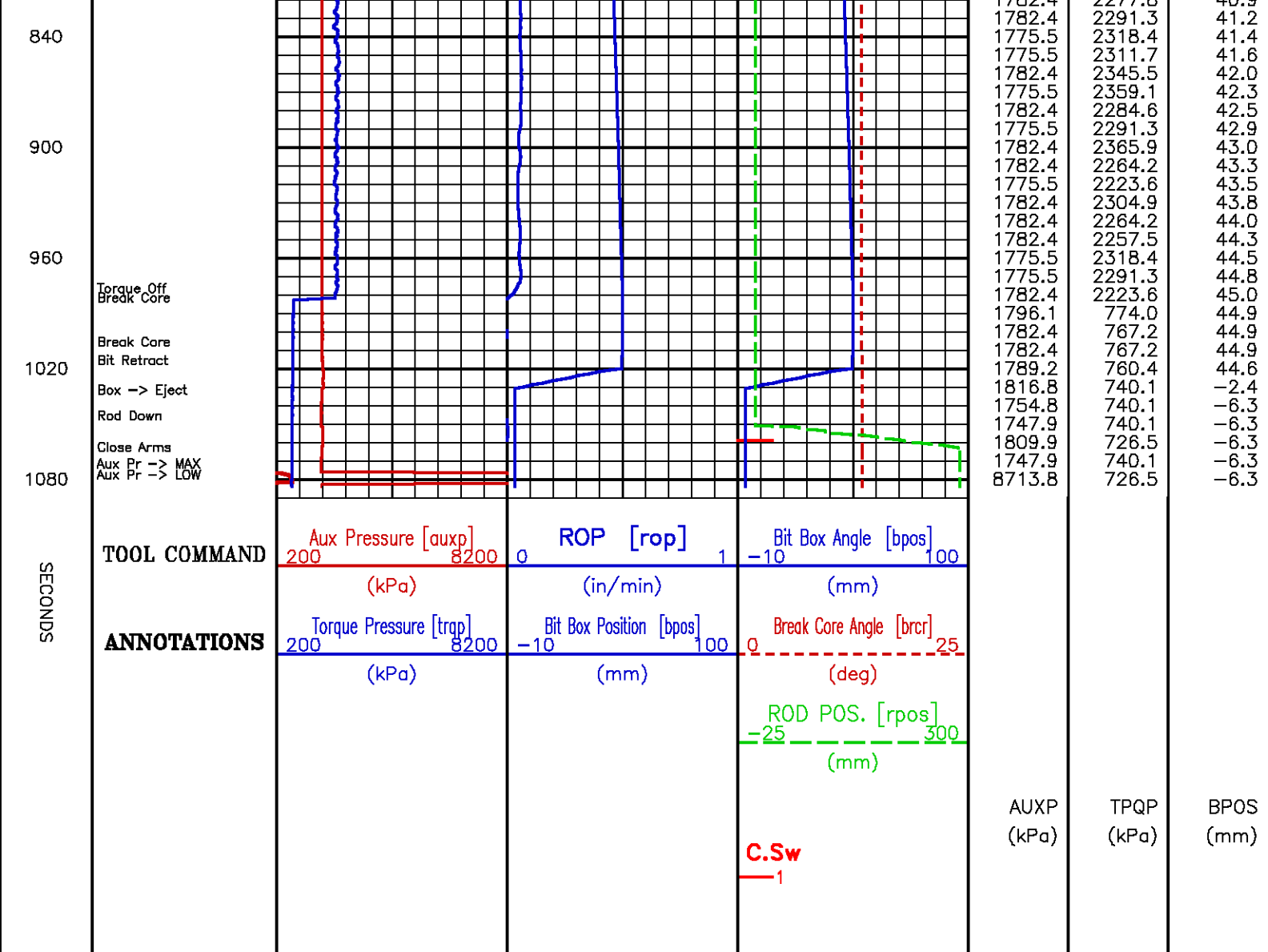


Core Depth 1536.6 m

Data File : /dat1a/pass/vulcan/k812a22.aff
Presentation: rcor.log

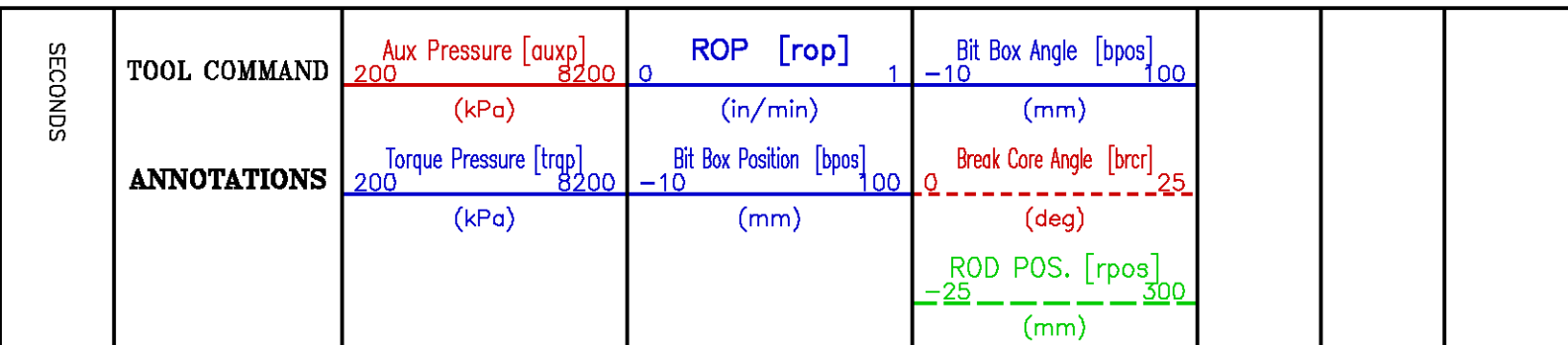


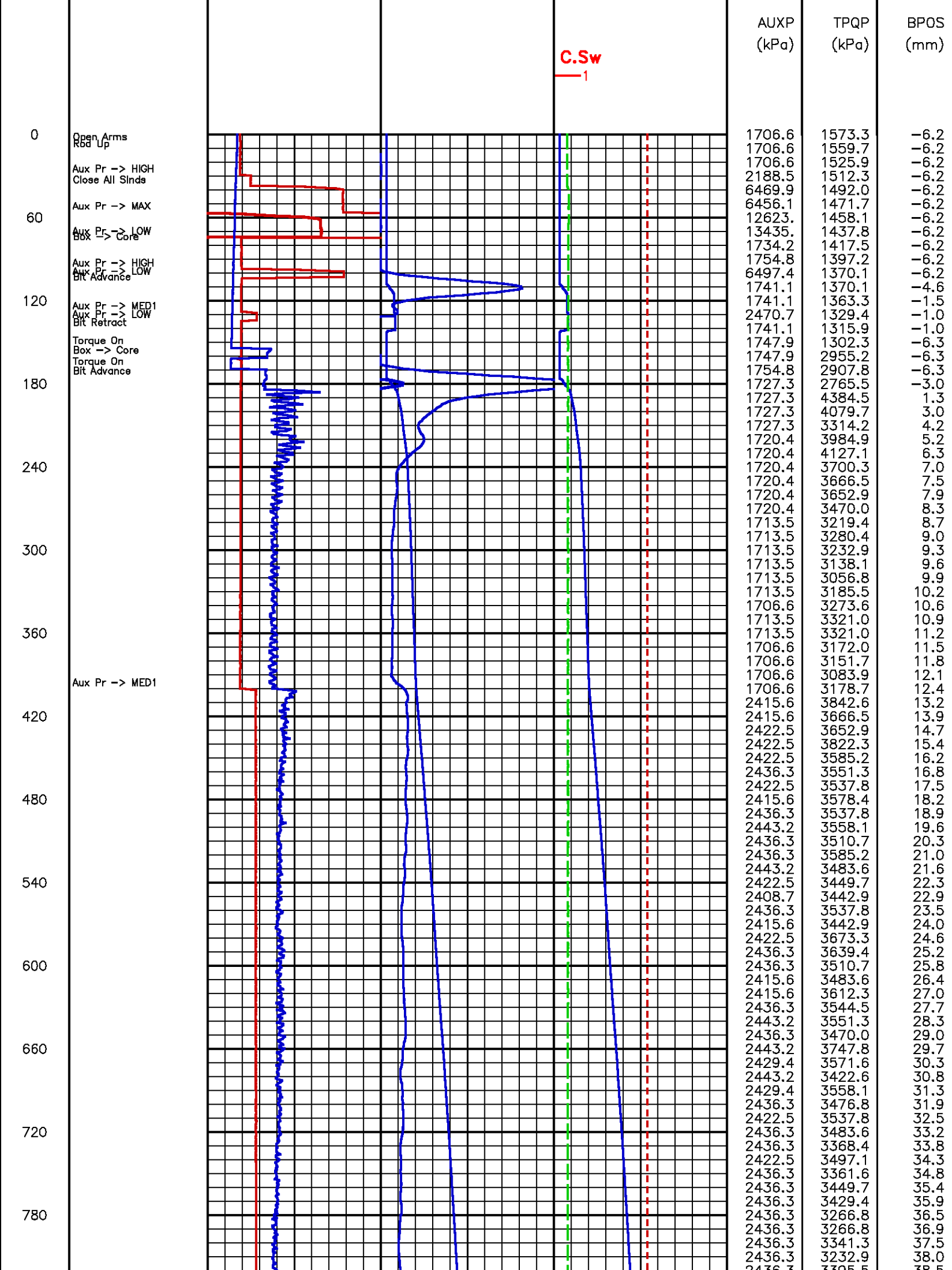


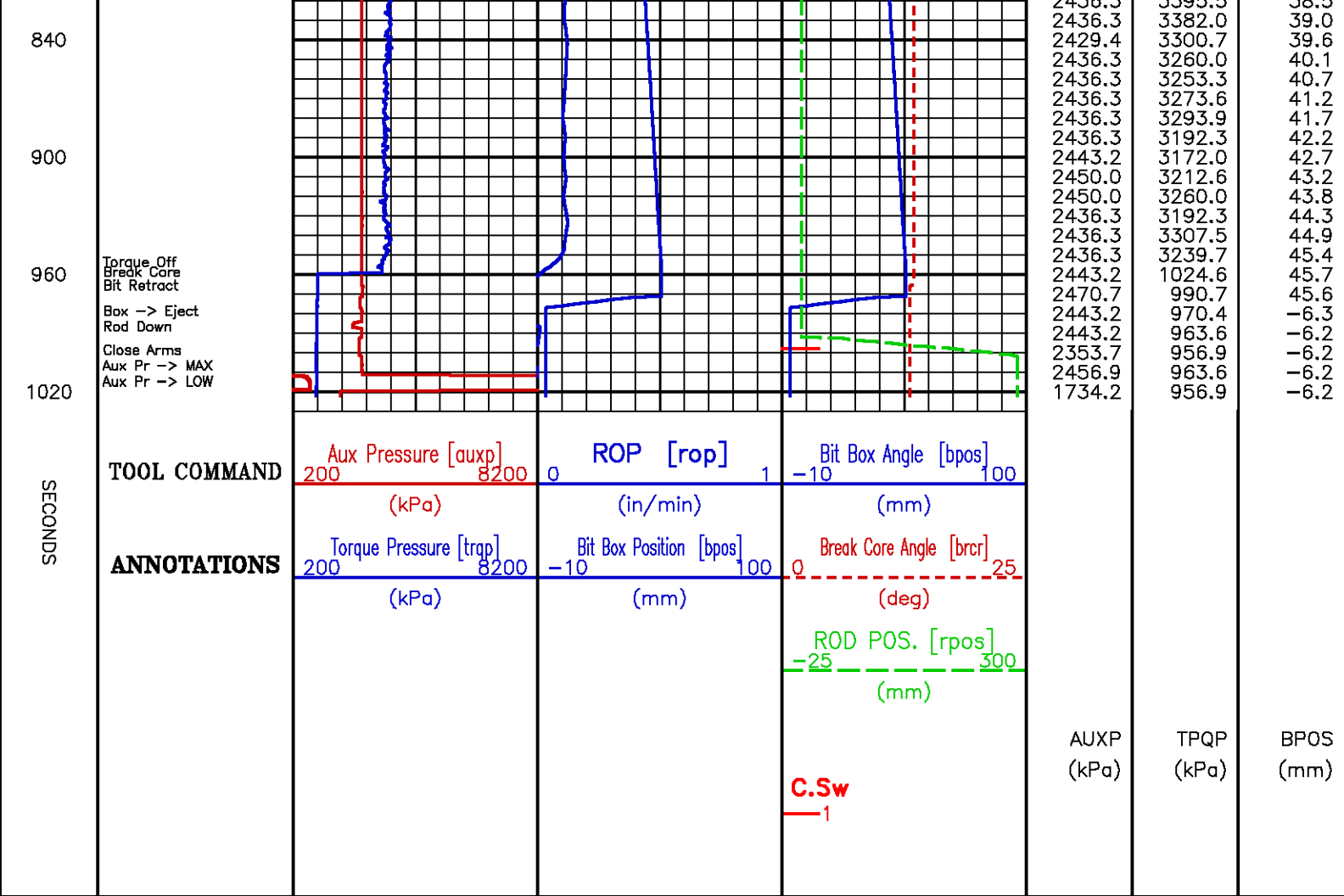


Core Depth 1464.6 m

Data File : /dat1a/pass/vulcan/k812a24.aff
Presentation: rcor.log

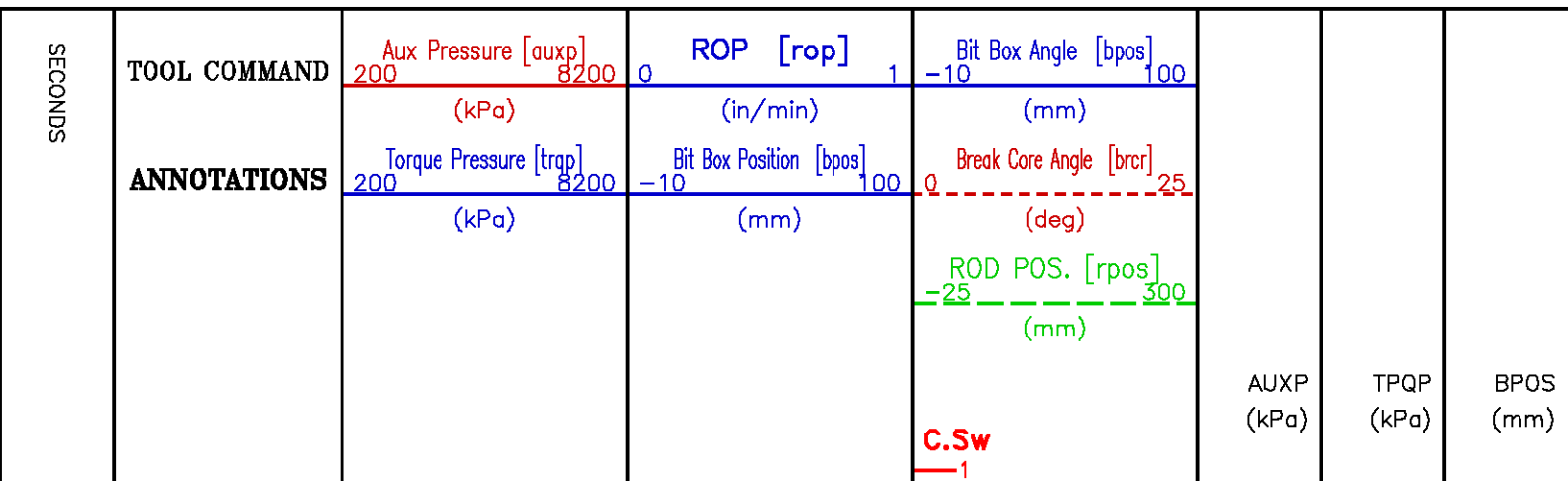






Core Depth 1414.0 m

Data File : /dat1a/pass/vulcan/k812a25.aff
Presentation: rcor.log



0

Open Arms
Rod Up
Aux Pr -> HIGH
Close All Sides
Aux Pr -> LOW
Box -> Core

60

Aux Pr -> HIGH
Aux Pr -> LOW
Bit Advance

120

Bit Retract
Torque On
Bit Advance

180

240

300

360

420

480

540

600

Aux Pr -> MED1

660

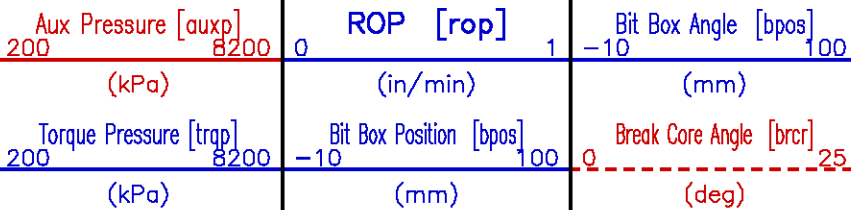
Torque Off
Break Core
Bit Retract

720

Box -> Eject
Rod Down
Close Arms
Aux Pr -> MAX
Aux Pr -> LOW

SECONDS

TOOL COMMAND



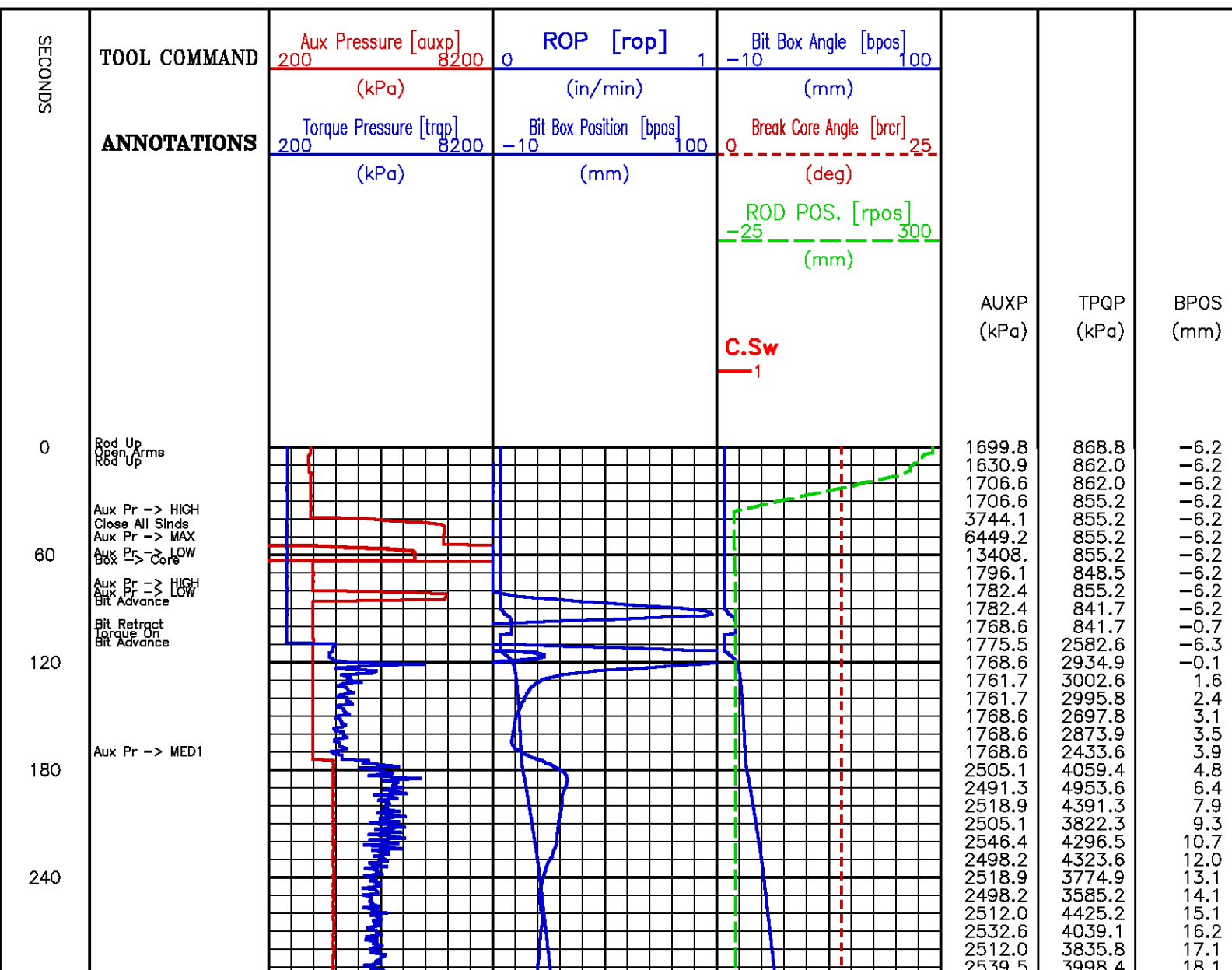
| | | |
|--------|--------|------|
| 1637.8 | 936.5 | -6.2 |
| 1644.7 | 943.3 | -6.2 |
| 1651.6 | 950.1 | -6.2 |
| 6407.9 | 943.3 | -6.2 |
| 10235. | 963.6 | -6.2 |
| 1734.2 | 956.9 | -6.2 |
| 1754.8 | 936.5 | -6.2 |
| 4143.3 | 943.3 | -6.2 |
| 1741.1 | 950.1 | -6.2 |
| 1734.2 | 956.9 | 0.7 |
| 1734.2 | 936.5 | 6.8 |
| 1747.9 | 936.5 | -3.3 |
| 1727.3 | 2630.0 | -6.3 |
| 1720.4 | 2474.2 | 1.9 |
| 1720.4 | 4967.1 | 8.9 |
| 1713.5 | 5861.3 | 11.3 |
| 1720.4 | 4506.5 | 13.2 |
| 1713.5 | 4086.5 | 14.8 |
| 1713.5 | 4540.3 | 16.2 |
| 1706.6 | 3368.4 | 17.4 |
| 1706.6 | 3144.9 | 18.2 |
| 1706.6 | 2995.8 | 18.9 |
| 1706.6 | 2982.3 | 19.5 |
| 1706.6 | 2982.3 | 20.1 |
| 1706.6 | 2901.0 | 20.8 |
| 1706.6 | 2928.1 | 21.4 |
| 1706.6 | 2887.5 | 22.0 |
| 1706.6 | 2867.1 | 22.6 |
| 1706.6 | 2968.8 | 23.1 |
| 1706.6 | 2894.2 | 23.7 |
| 1706.6 | 2955.2 | 24.3 |
| 1706.6 | 2853.6 | 24.9 |
| 1706.6 | 2894.2 | 25.5 |
| 1706.6 | 2853.6 | 26.1 |
| 1706.6 | 2779.1 | 26.6 |
| 1706.6 | 2792.6 | 27.2 |
| 1706.6 | 2765.5 | 27.6 |
| 1706.6 | 2785.9 | 28.1 |
| 1706.6 | 2792.6 | 28.7 |
| 1699.8 | 2826.5 | 29.2 |
| 1706.6 | 2779.1 | 29.7 |
| 1706.6 | 2772.3 | 30.2 |
| 1706.6 | 2846.8 | 30.7 |
| 1706.6 | 2738.4 | 31.3 |
| 1699.8 | 2806.2 | 31.7 |
| 1699.8 | 2758.8 | 32.2 |
| 1699.8 | 2799.4 | 32.8 |
| 1706.6 | 2901.0 | 33.4 |
| 1699.8 | 2799.4 | 33.9 |
| 1699.8 | 2955.2 | 34.6 |
| 1699.8 | 2907.8 | 35.2 |
| 1699.8 | 2792.6 | 35.8 |
| 1699.8 | 2873.9 | 36.3 |
| 1699.8 | 2792.6 | 36.9 |
| 1699.8 | 2772.3 | 37.5 |
| 1699.8 | 2711.3 | 38.0 |
| 1699.8 | 2643.6 | 38.6 |
| 1692.9 | 2636.8 | 39.0 |
| 1699.8 | 2521.7 | 39.4 |
| 1692.9 | 2548.8 | 39.8 |
| 1699.8 | 2670.7 | 40.2 |
| 2436.3 | 3144.9 | 40.9 |
| 2443.2 | 3402.3 | 41.8 |
| 2436.3 | 3375.2 | 42.8 |
| 2436.3 | 3551.3 | 43.8 |
| 2436.3 | 3564.9 | 45.0 |
| 2429.4 | 3050.0 | 45.9 |
| 2436.3 | 2399.7 | 46.0 |
| 2429.4 | 950.1 | 46.0 |
| 2463.8 | 936.5 | 46.0 |
| 2450.0 | 929.8 | -6.2 |
| 2429.4 | 929.8 | -6.2 |
| 2436.3 | 916.2 | -6.2 |
| 2422.5 | 909.4 | -6.2 |
| 8610.5 | 909.4 | -6.2 |
| 1692.9 | 902.7 | -6.2 |

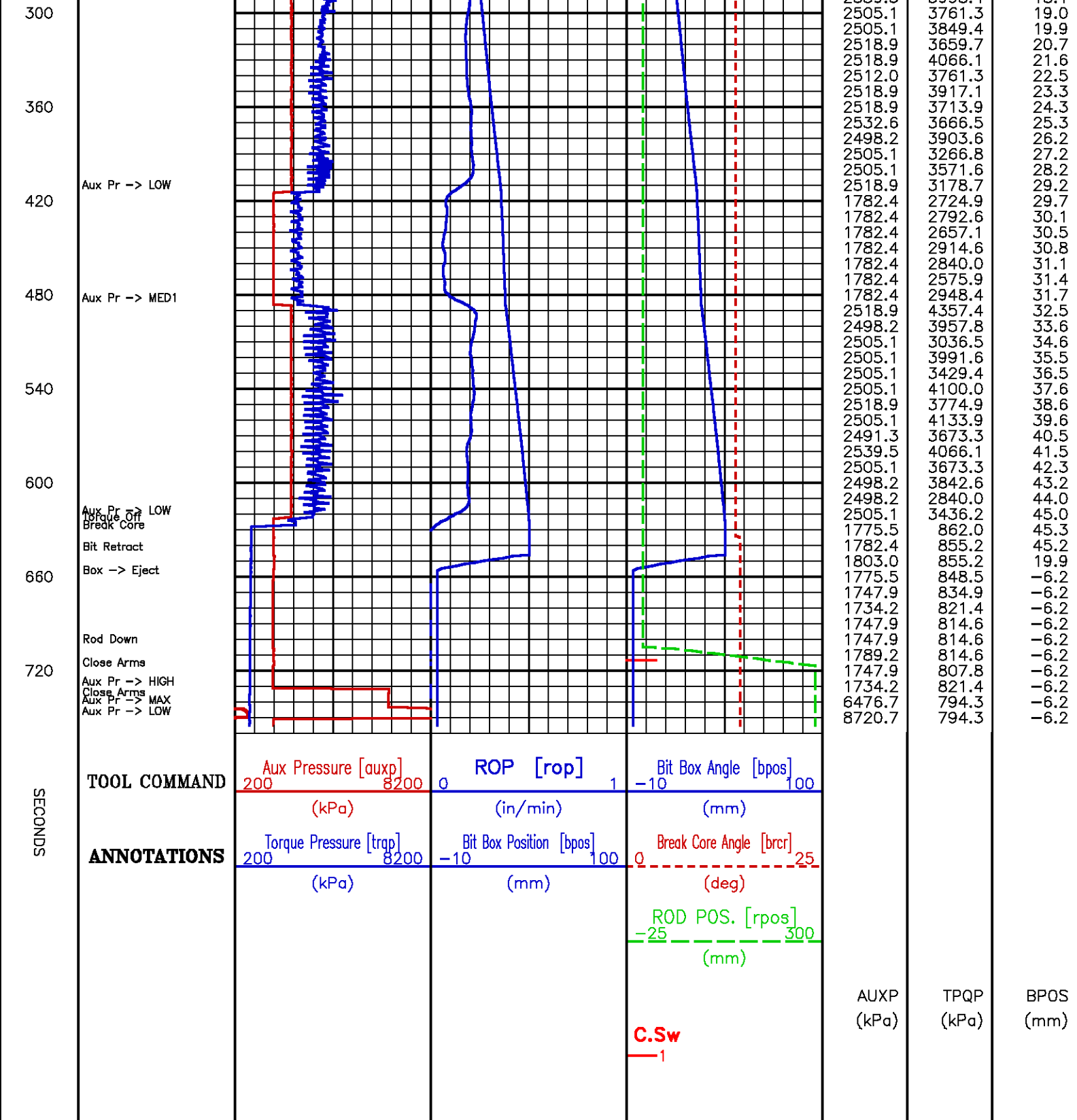
| |
|---------------------|
| Core Depth 1401.8 m |
|---------------------|

```

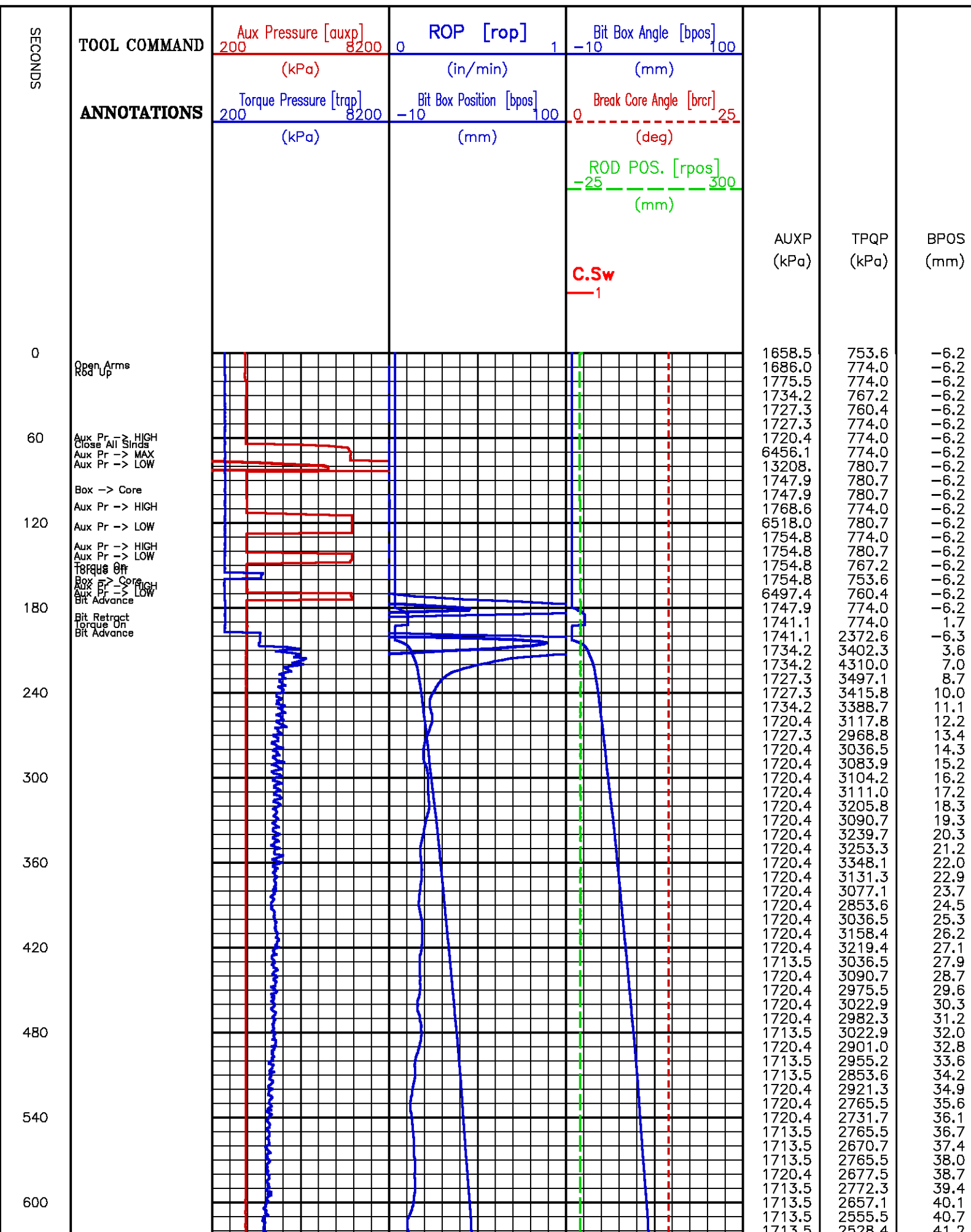
Data File : /dat1a/pass/vulcan/k812a26.aff
Presentation: rcor.log

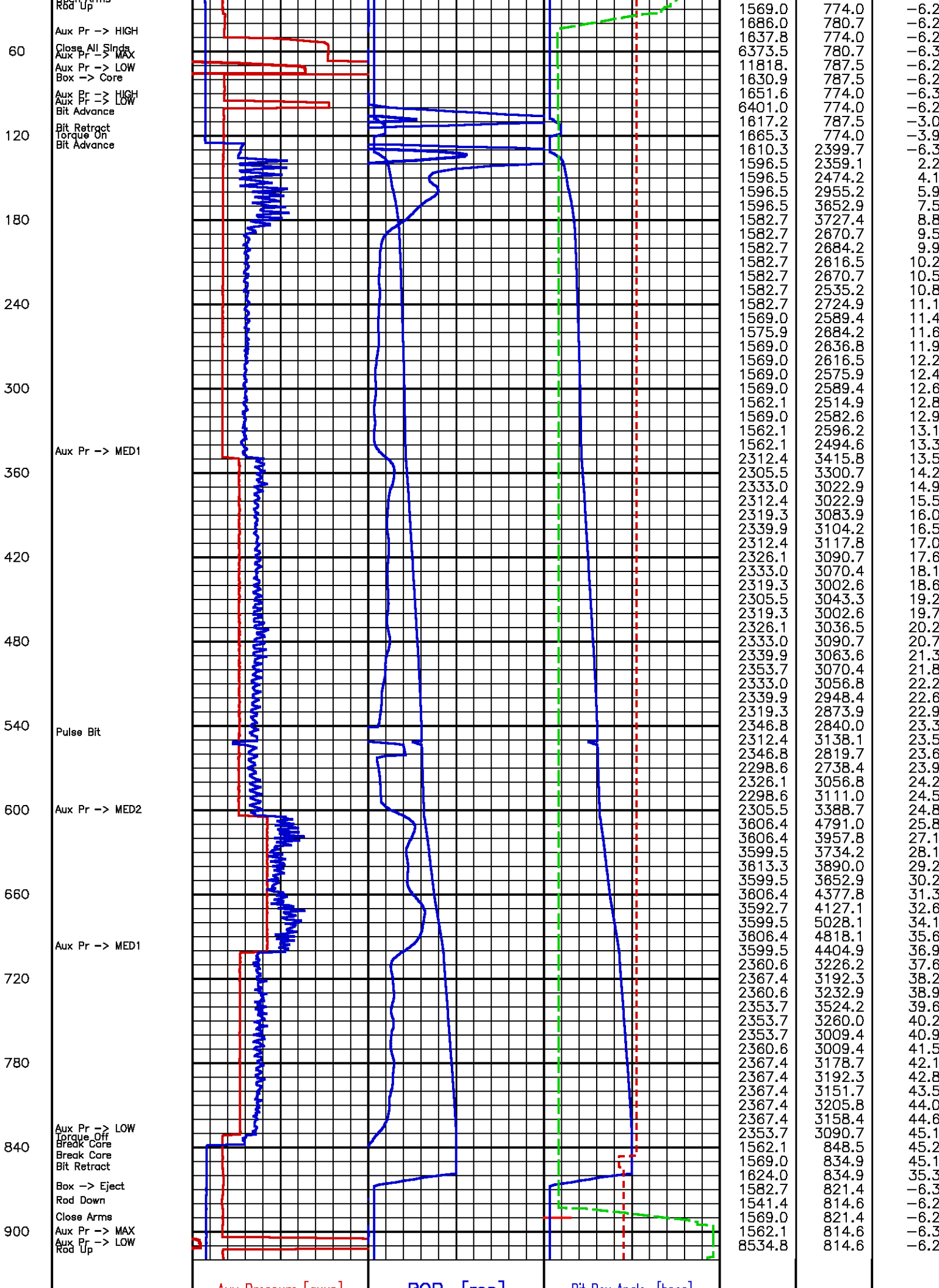
```





Core Depth 1393.0 m

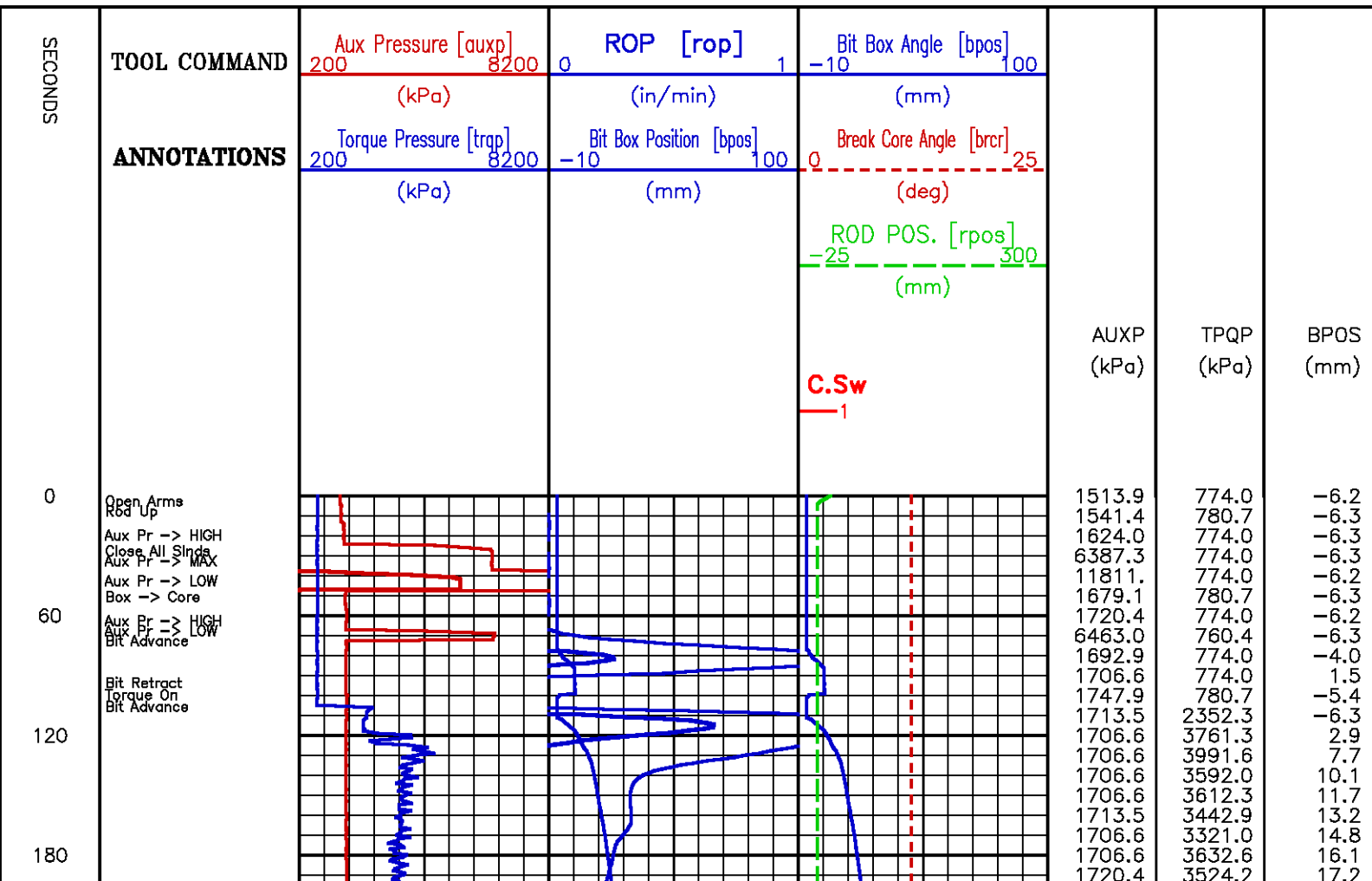


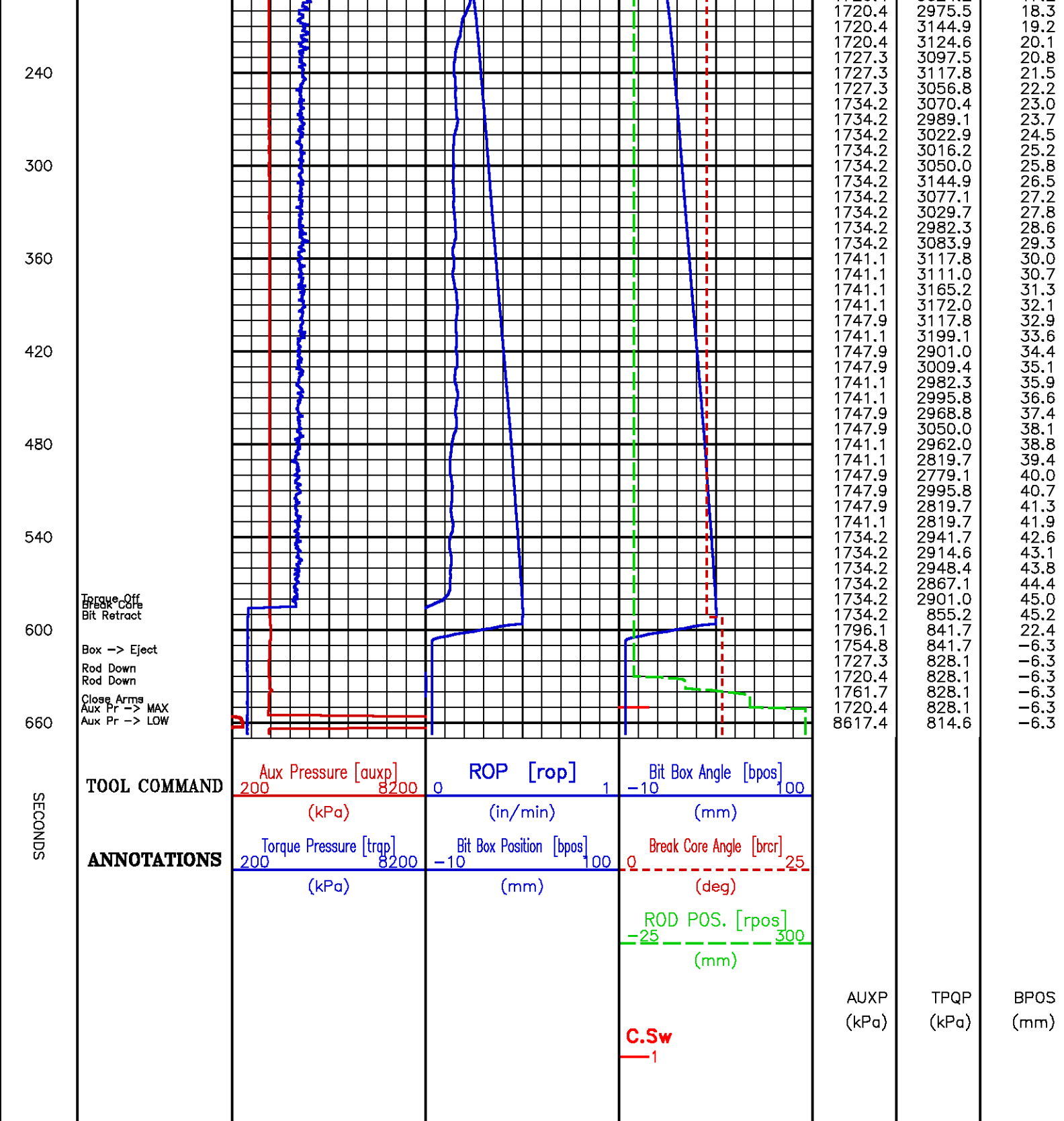


| | | | | | | | |
|---------|--------------|------------------------------------|------------------------------------|---------------------------------|---------------|---------------|--------------|
| SECONDS | TOOL COMMAND | Aux Pressure [auxp] 200 8200 | ROP [rop] 0 1 | Bit Box Angle [bpos] -10 100 | | | |
| | ANNOTATIONS | (kPa) | (in/min) | (mm) | | | |
| | | Torque Pressure [trap] 200 8200 | Bit Box Position [bpos] -10 100 | Break Core Angle [brcr] 0 25 | | | |
| | | (kPa) | (mm) | (deg) | | | |
| | | | | ROD POS. [rpos] -25 300 | | | |
| | | | | (mm) | | | |
| | | | | C.Sw 1 | AUXP (kPa) | TPQP (kPa) | BPOS (mm) |

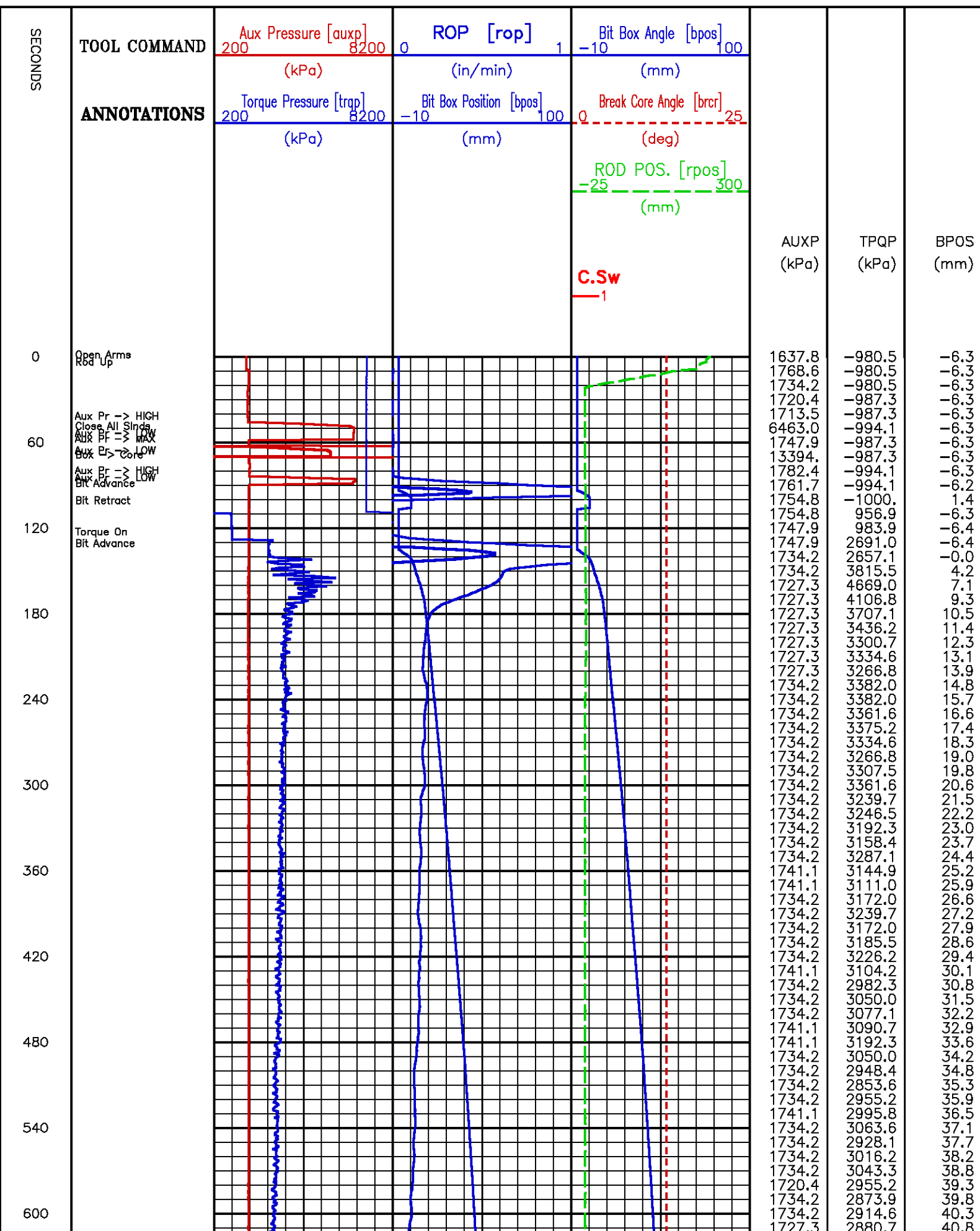
Core Depth 1366.2 m

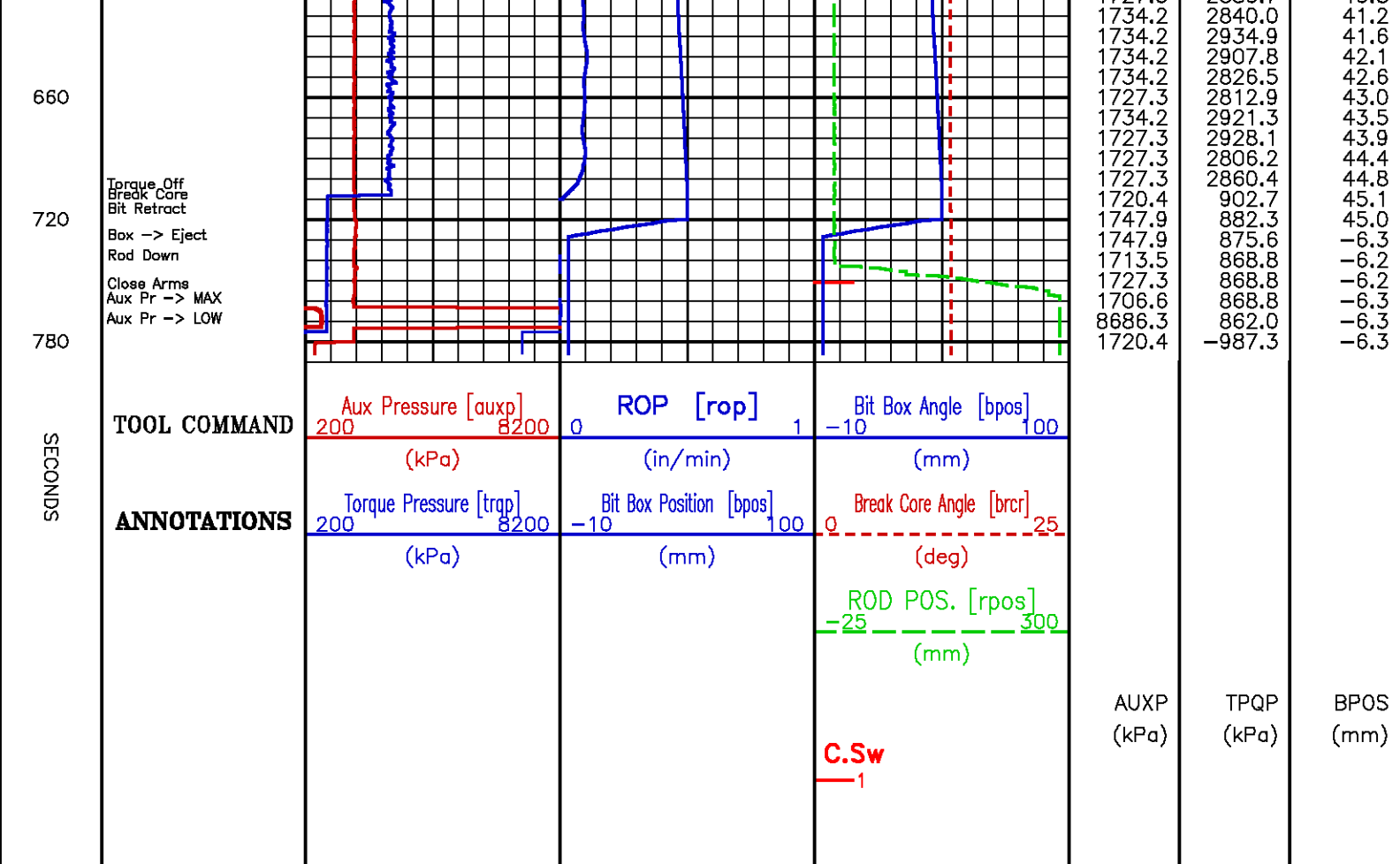
Data File : /dat1a/pass/vulcan/k812a29.aff
Presentation: rcor.log





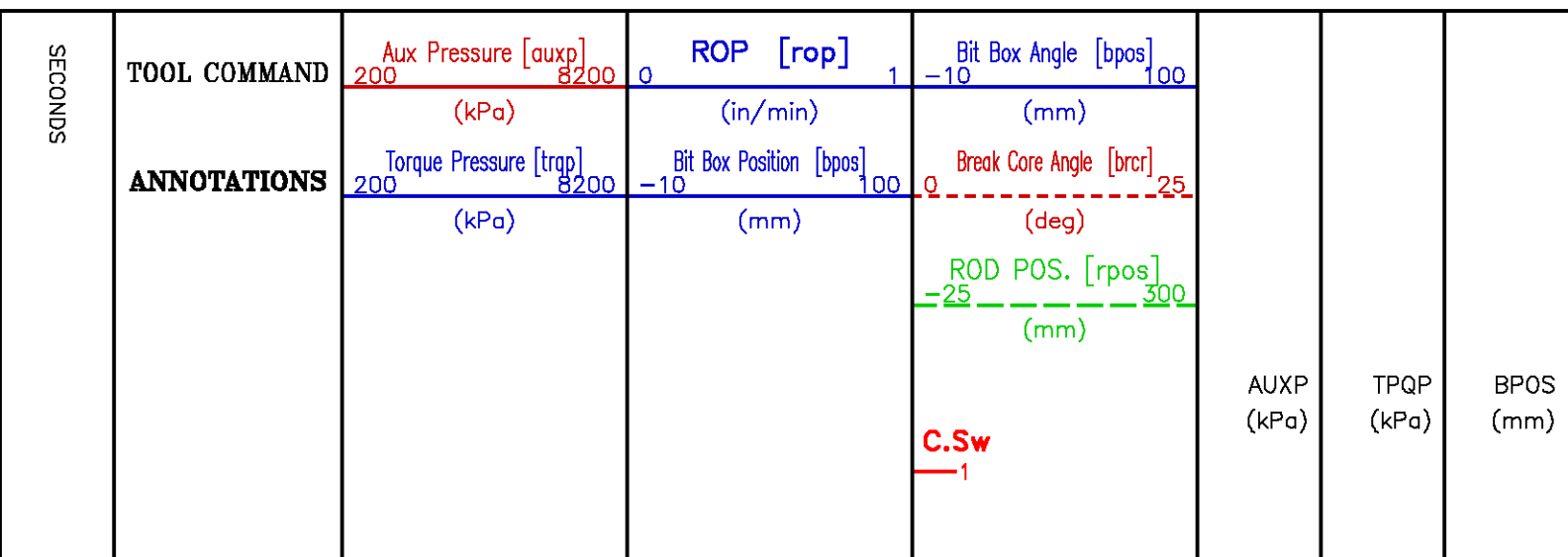
Core Depth 1362.2 m

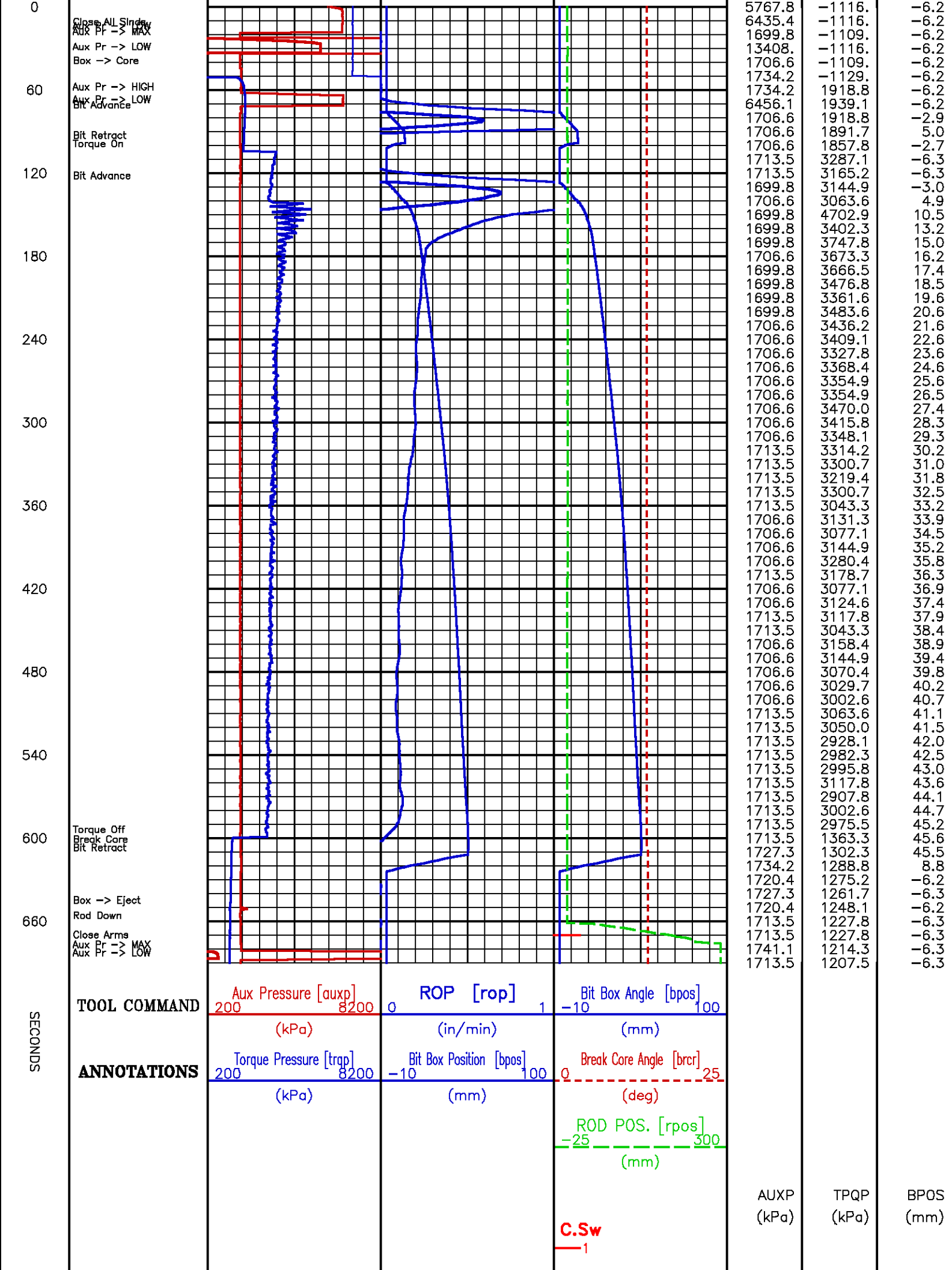




Core Depth 1336.2 m

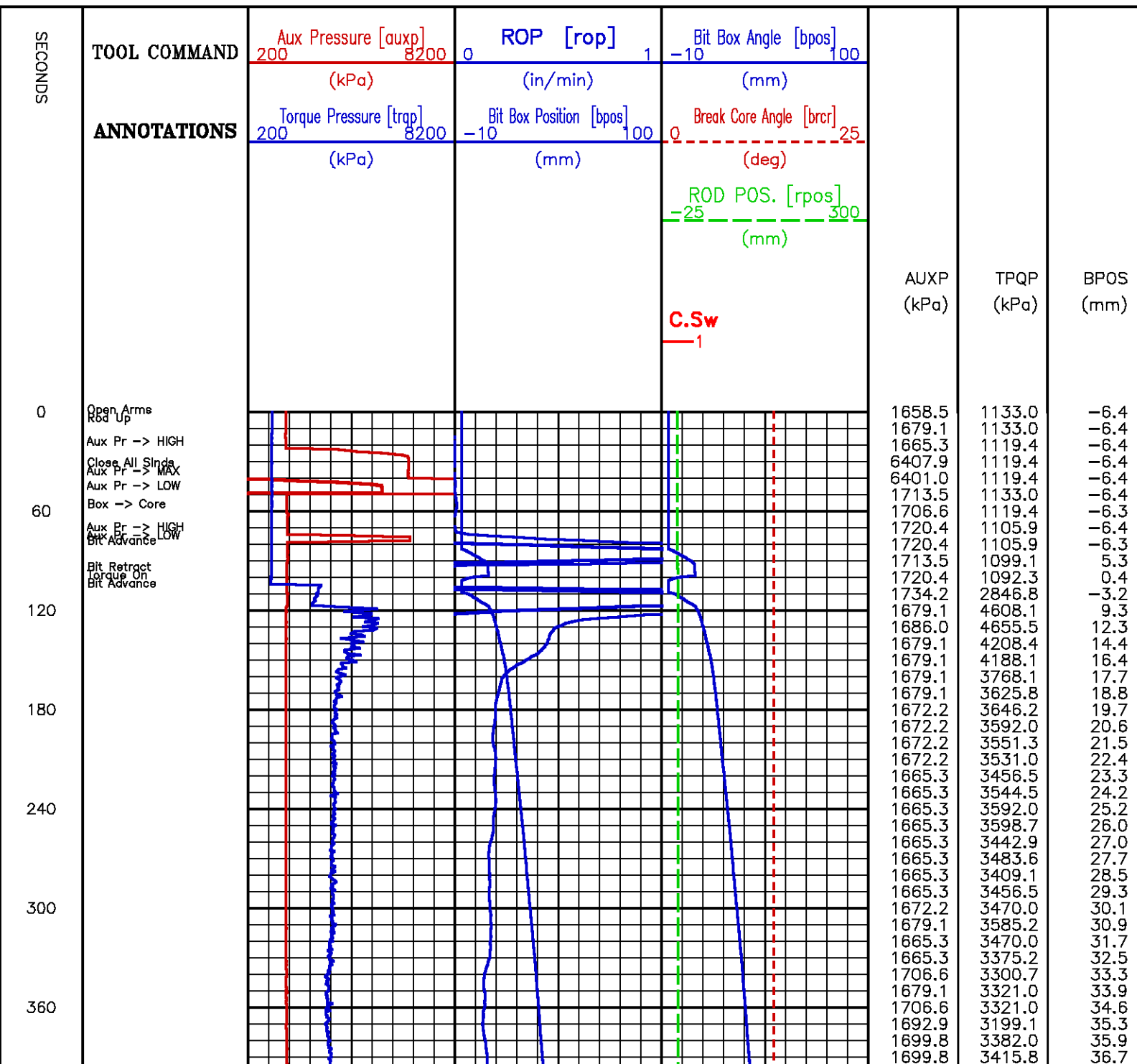
Data File : /dat1a/pass/vulcan/k812a32.aff
Presentation: rcor.log

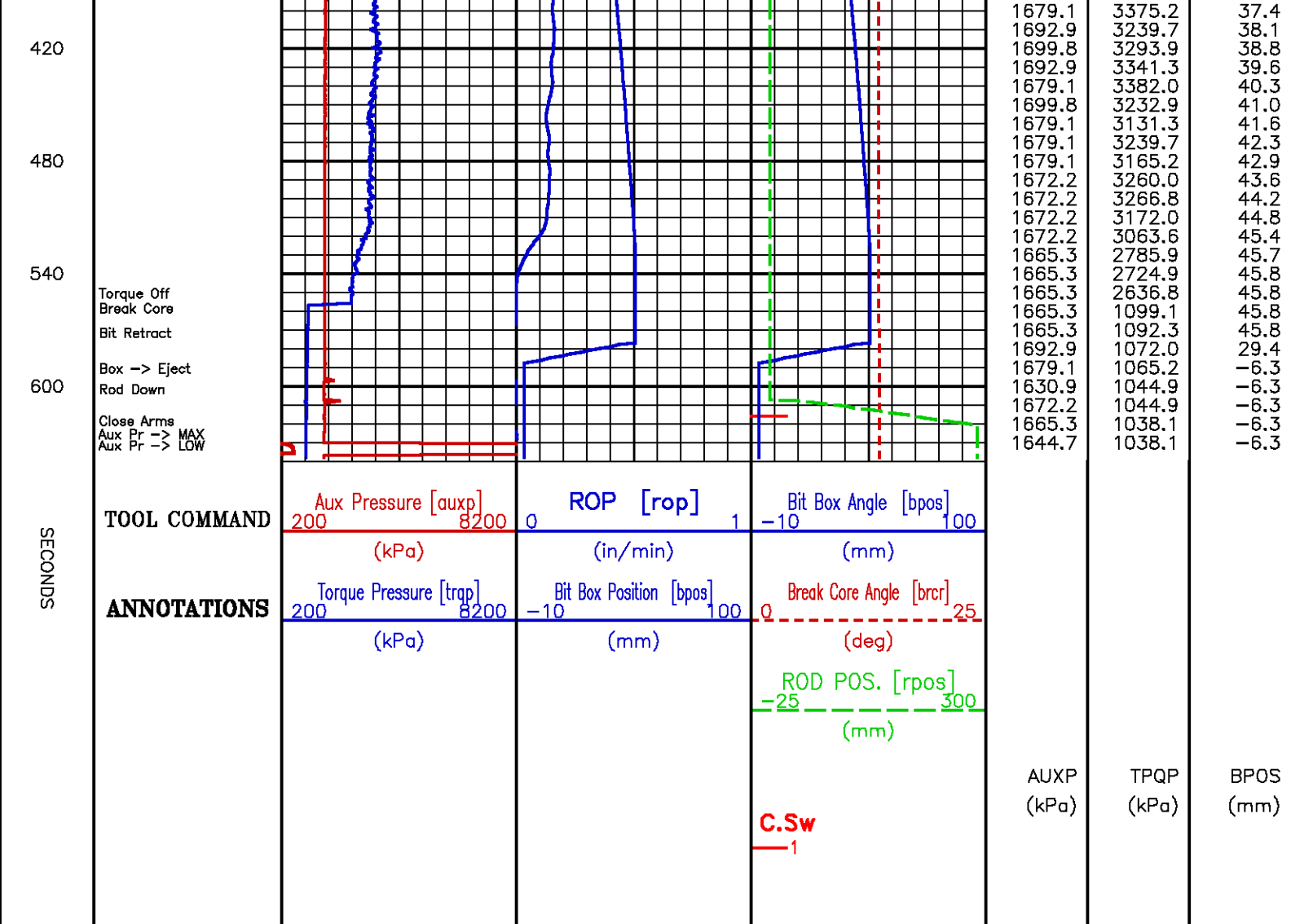




Core Depth 1324.0 m

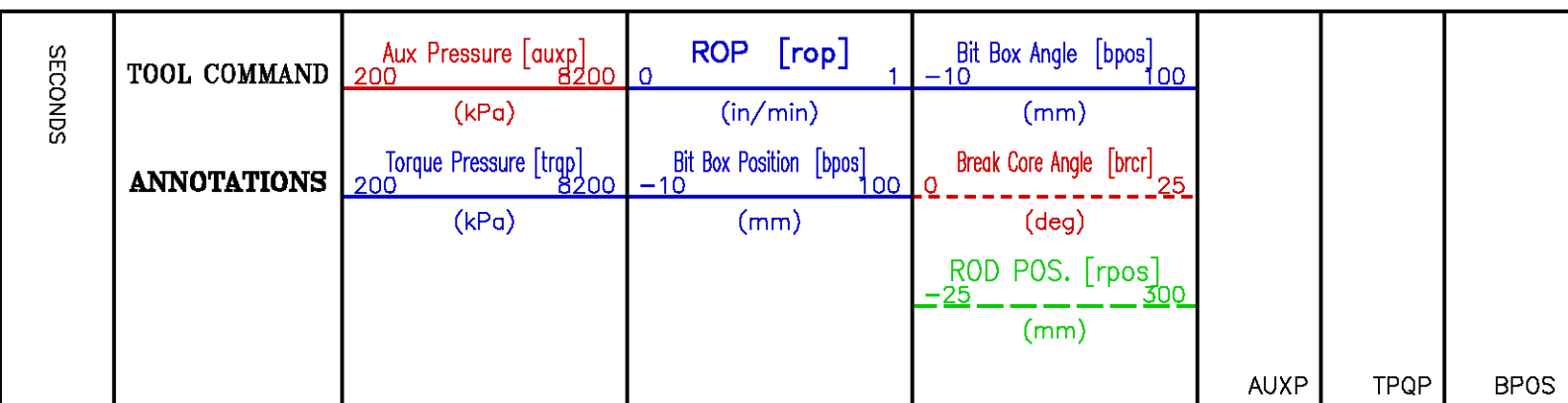
Data File : /dat1a/pass/vulcan/k812a33.aff
Presentation: rcor.log

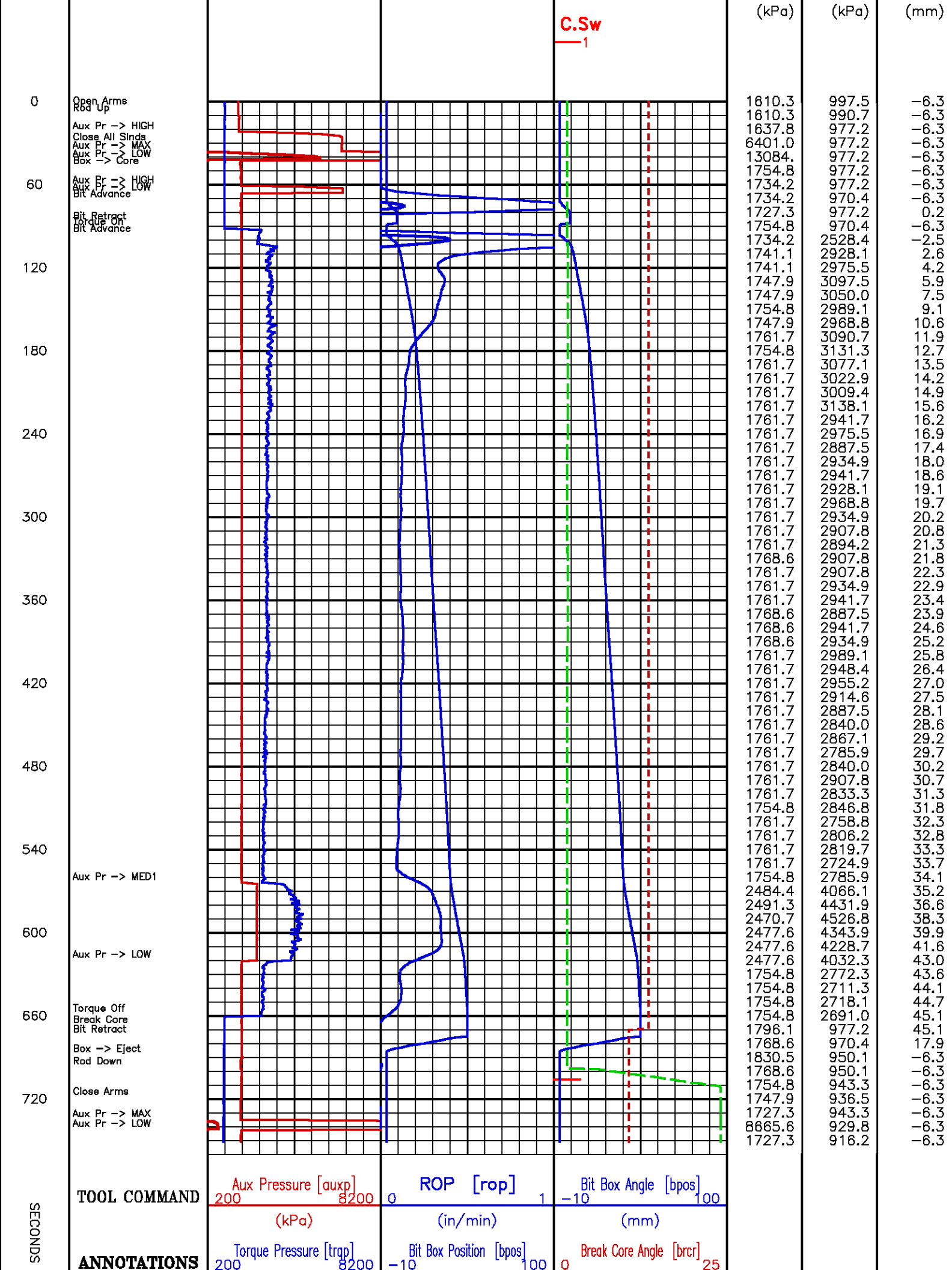




Core Depth 1301.6 m

Data File : /dat1a/pass/vulcan/k812a34.aff
Presentation: rcor.log

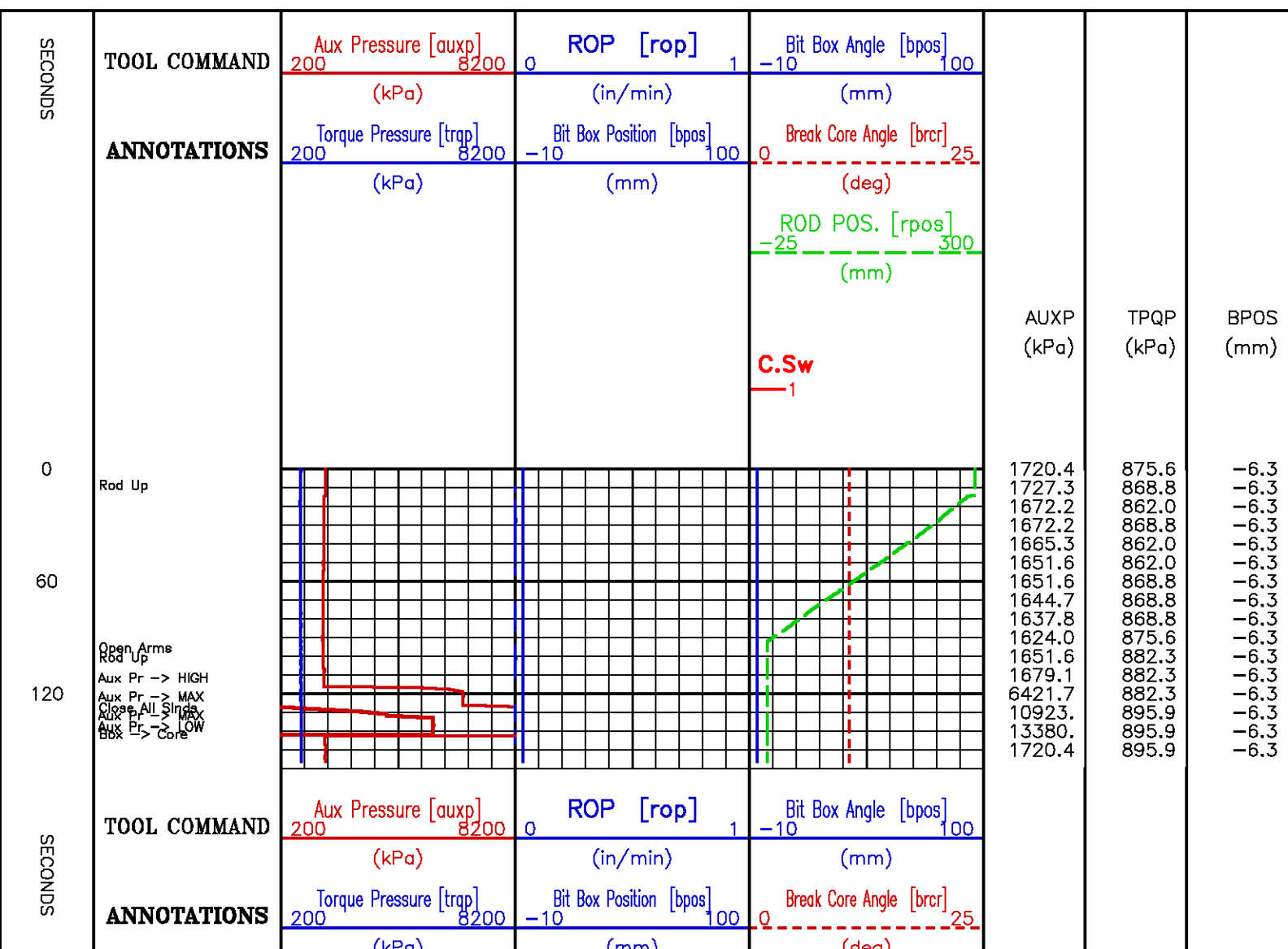




Core Depth 1283.0 m

Core Depth 1283.0 m

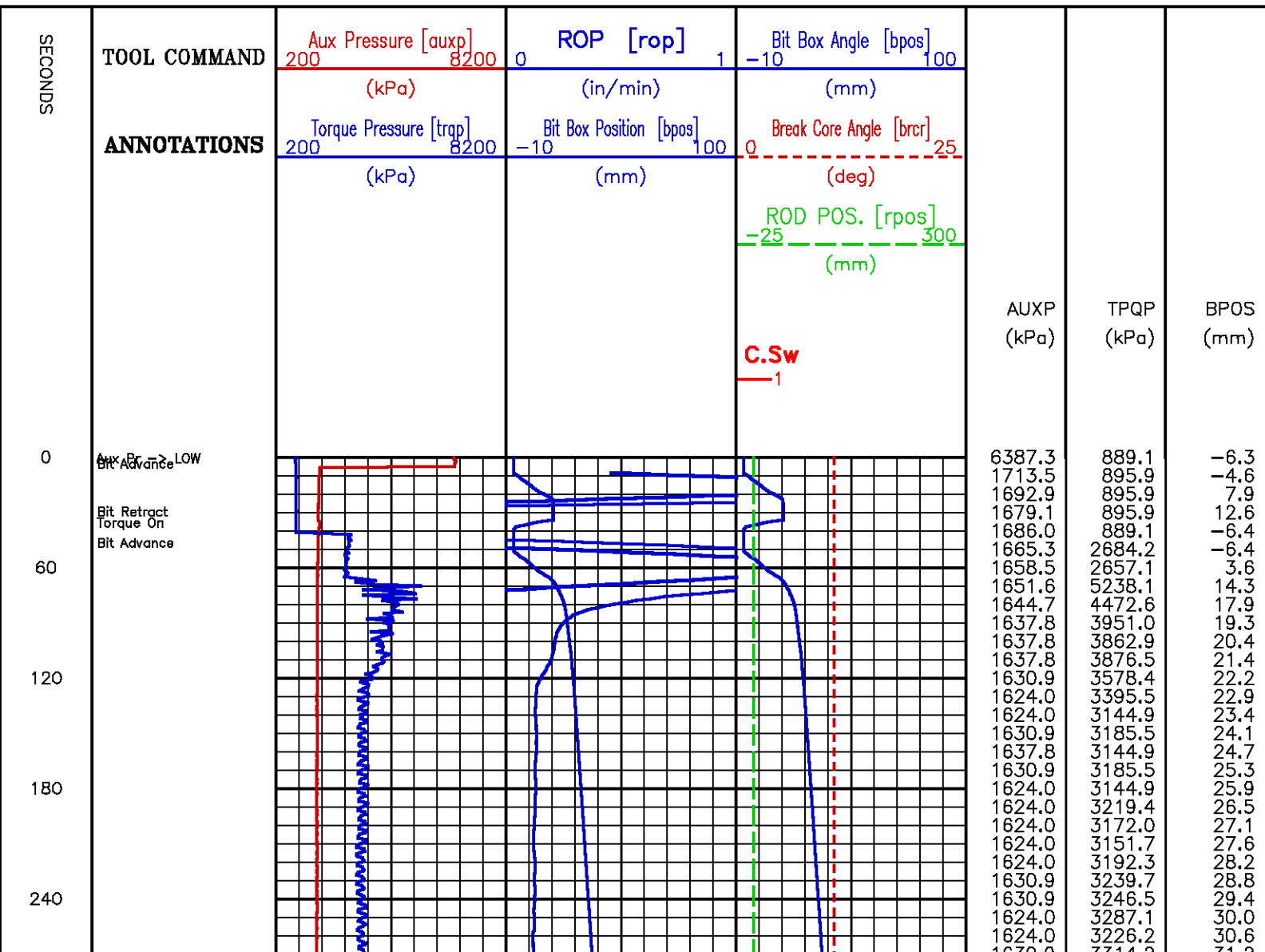
```
Data File   : /dat1a/pass/vulcan/k812a35.aff
Presentation: rcor.log
```

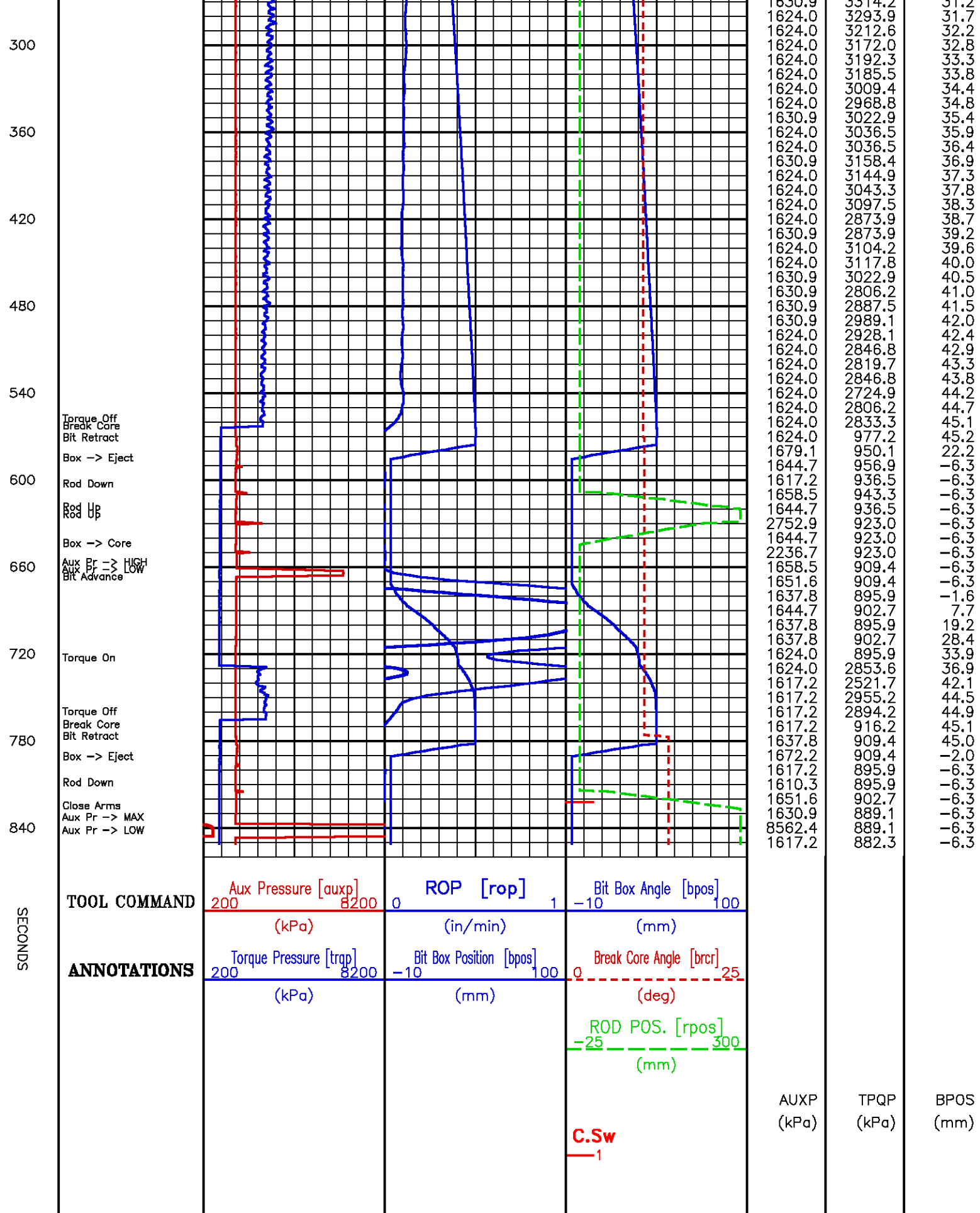


ROD POS. [rpos]
-25 300
(mm)
C.Sw
1

| |
|---------------------|
| Core Depth 1269.0 m |
|---------------------|

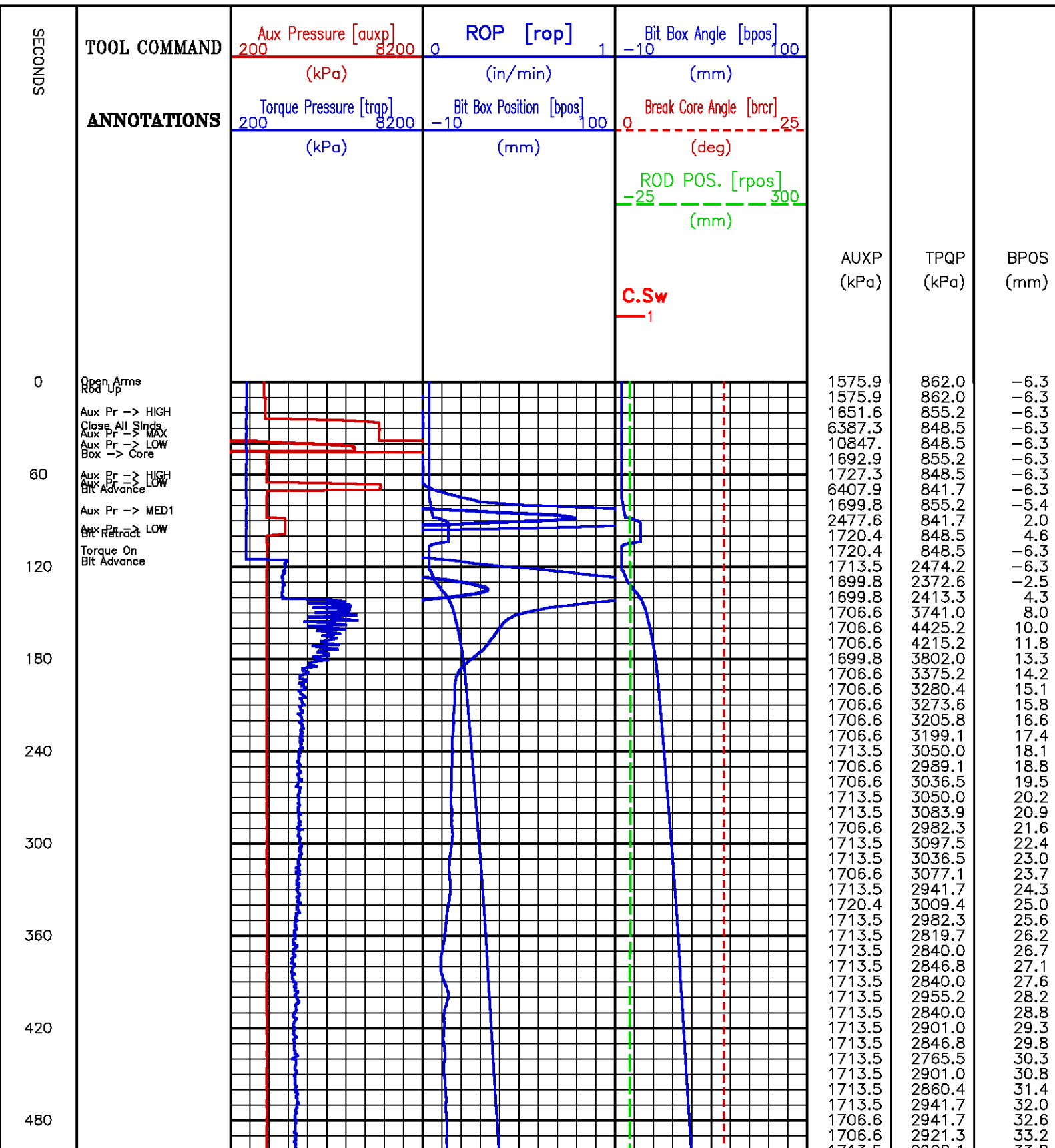
| | |
|---------------|--------------------------------|
| Data File : | /dat1a/pass/vulcan/k812a36.aff |
| Presentation: | rcor.log |

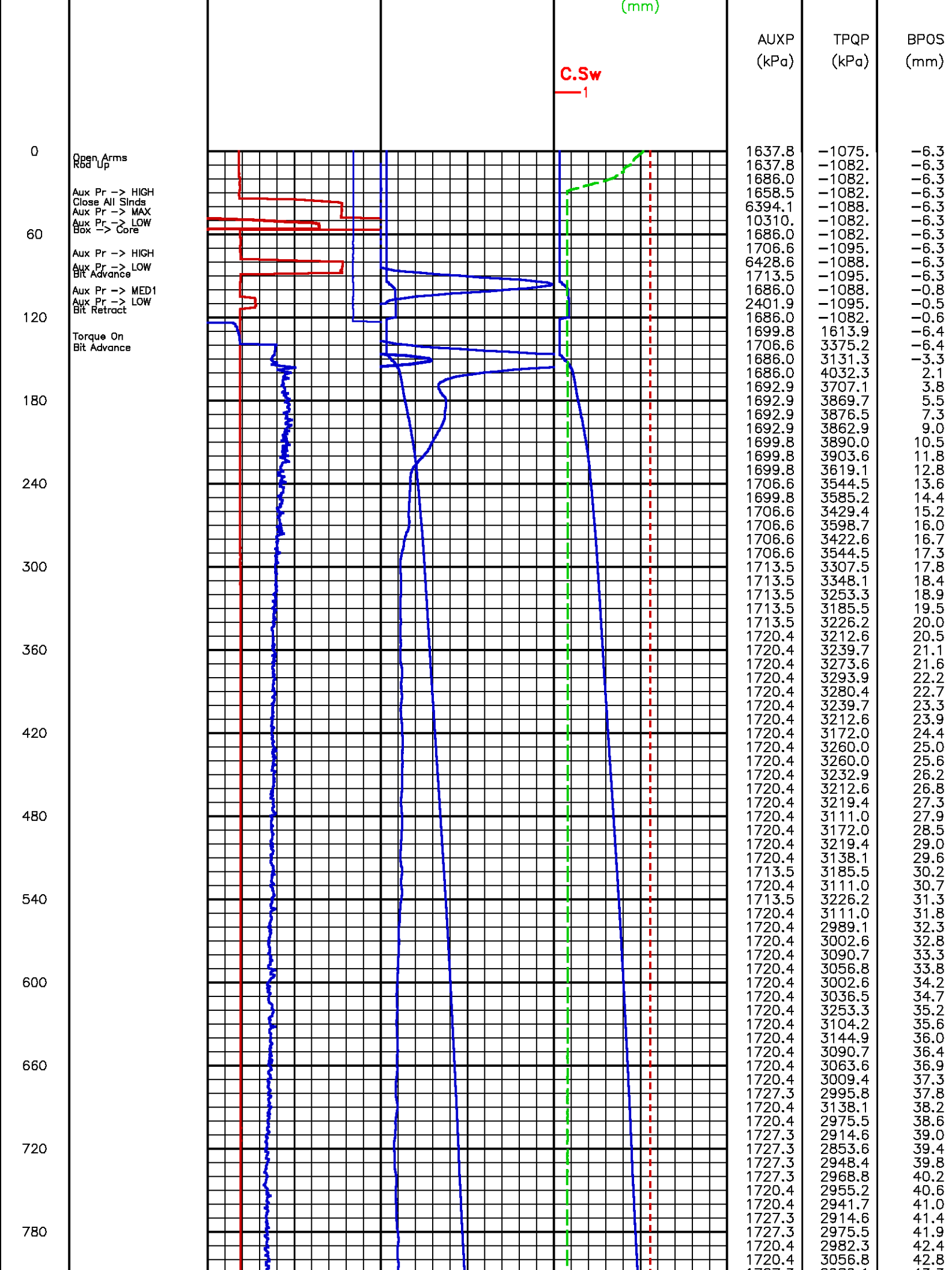


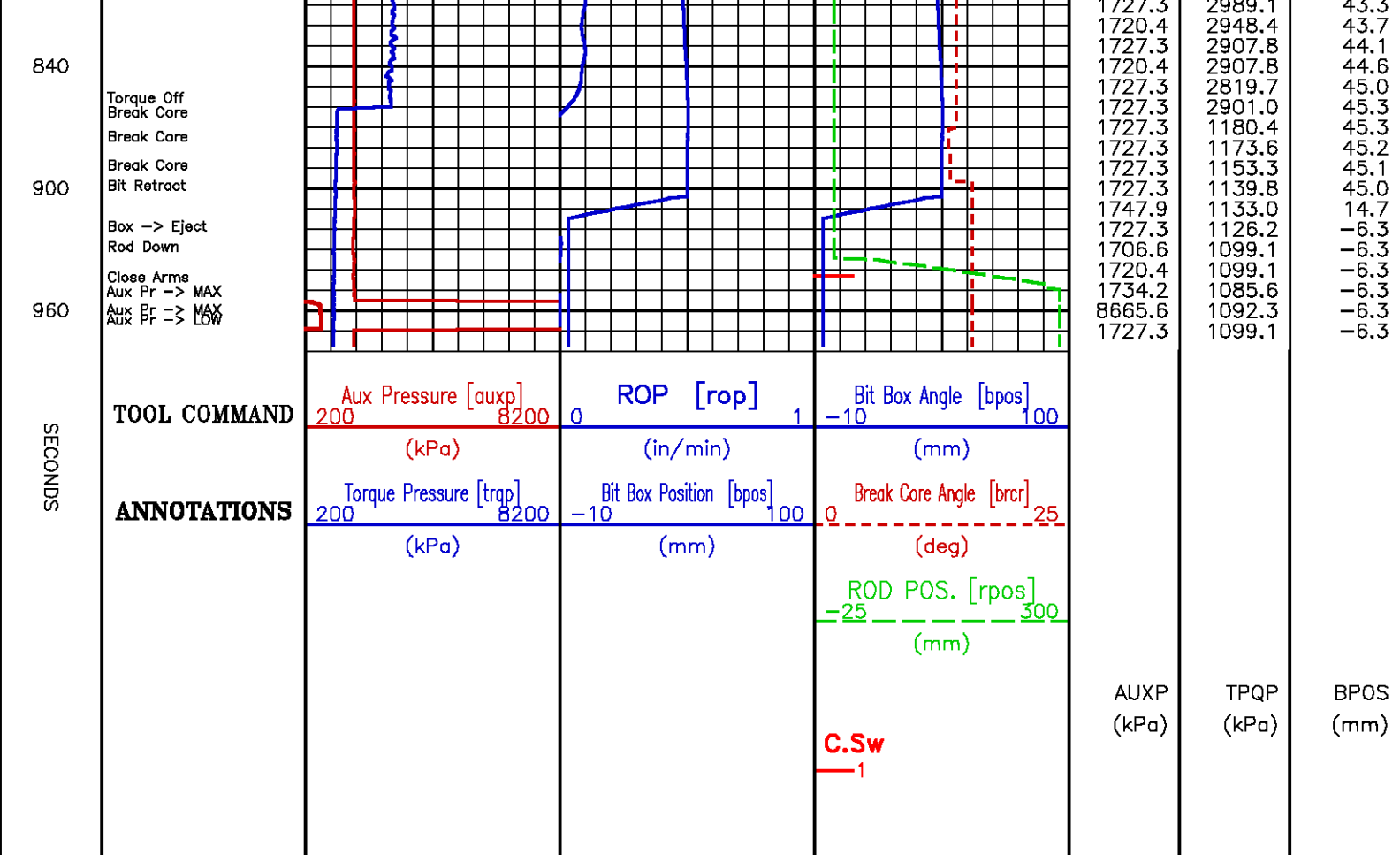


Core Depth 1266.0 m

Data File : /dat1a/pass/vulcan/k812a37.aff
Presentation: rcor.log

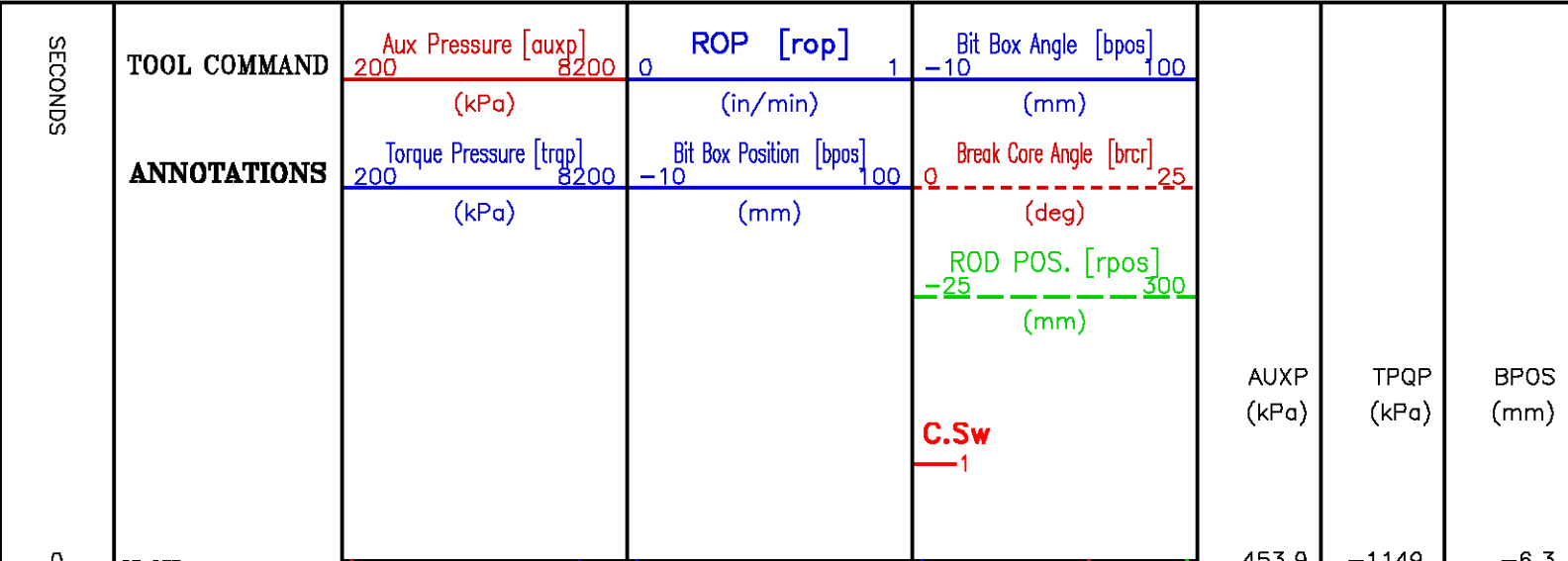


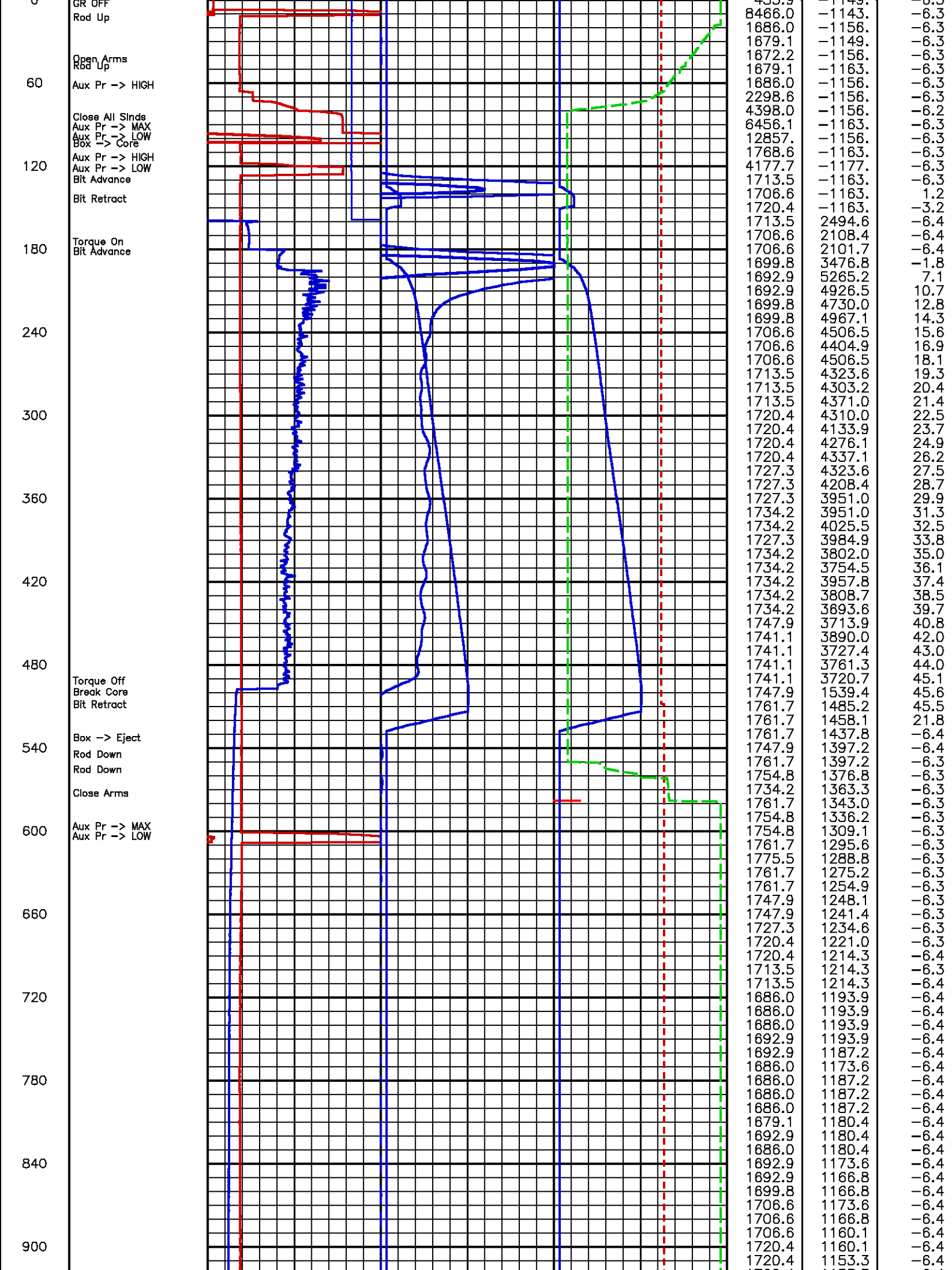


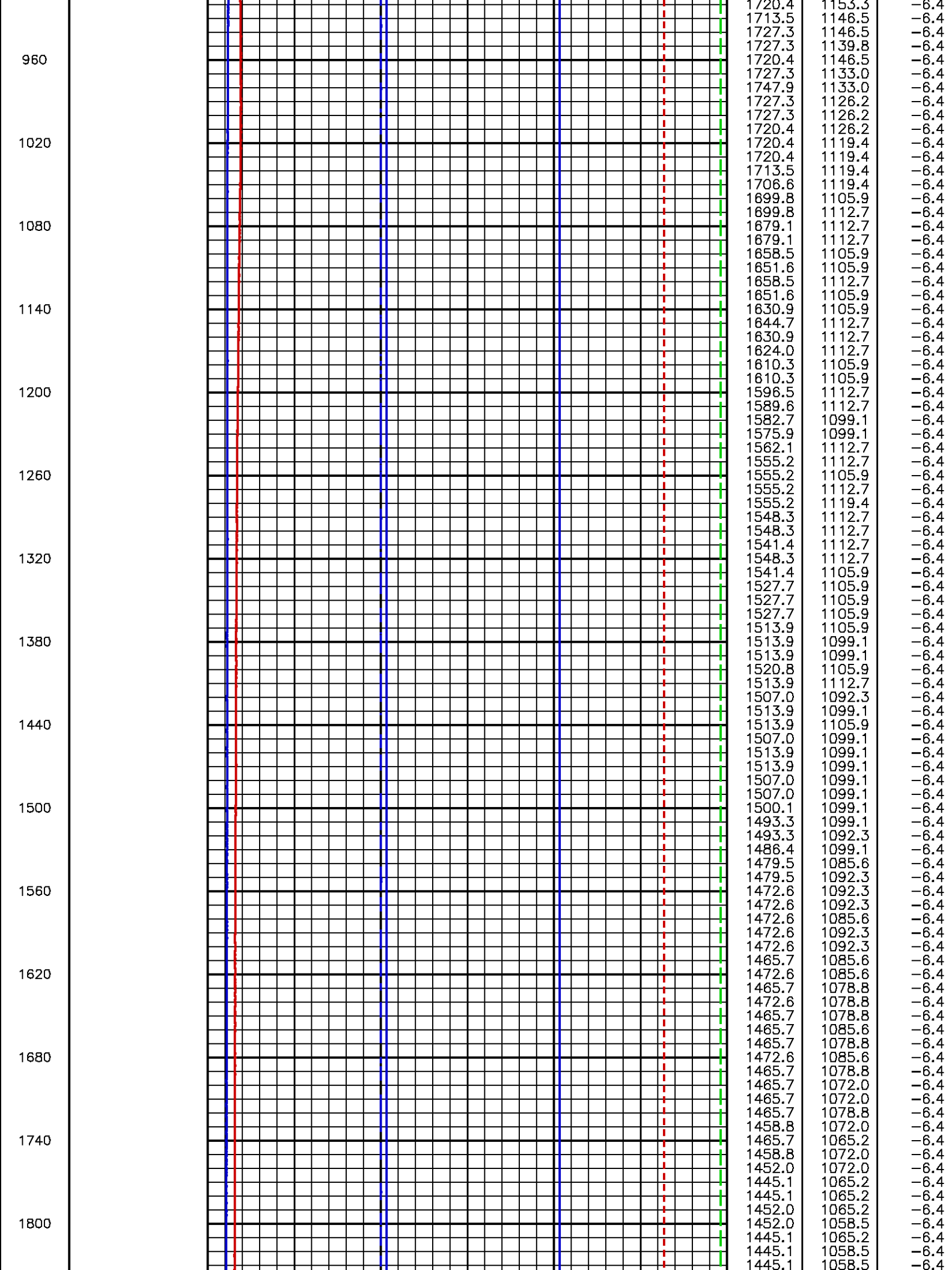


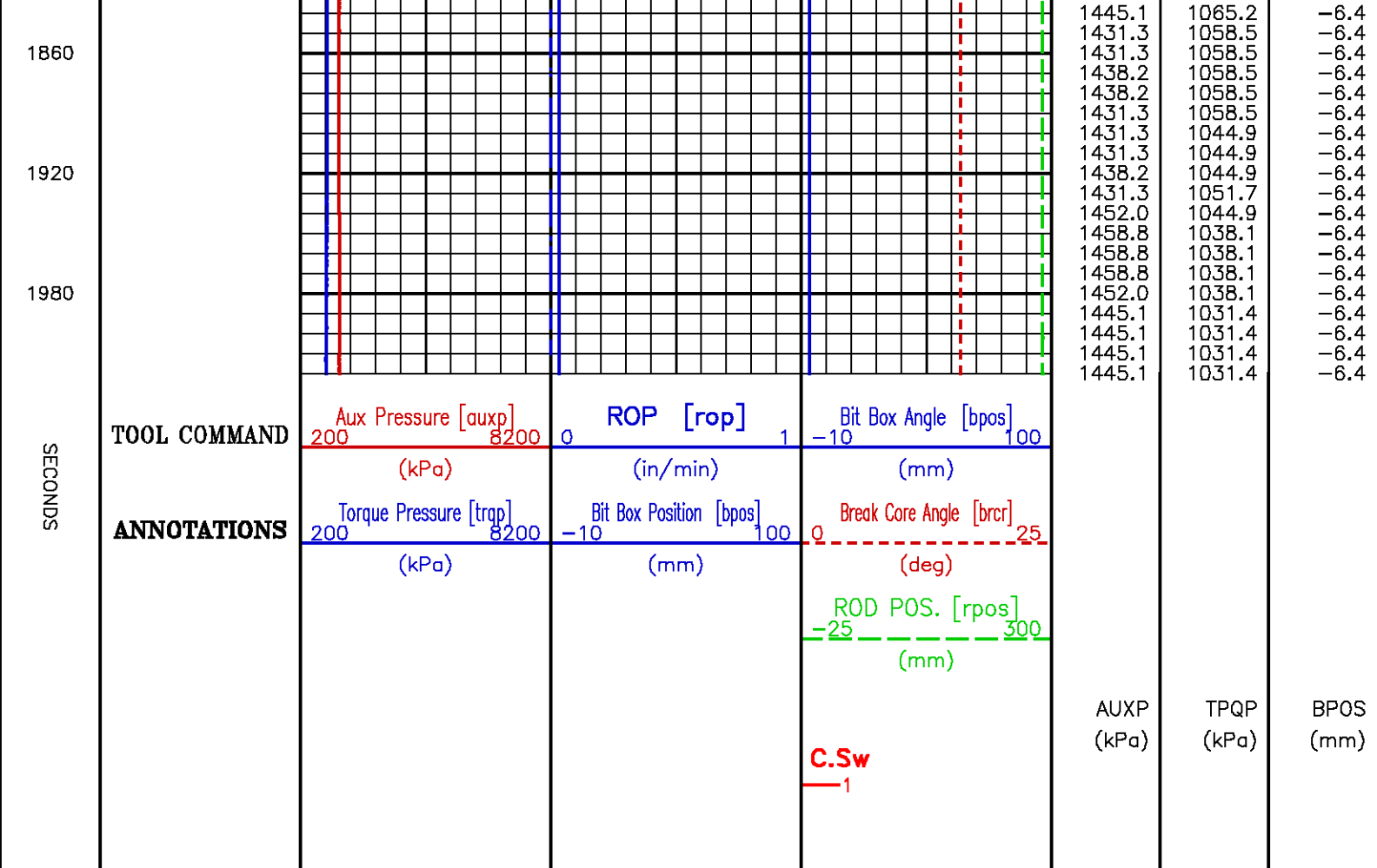
Core Depth 1668.9 m

Data File : /dat1a/pass/vulcan/k812a40.aff
Presentation: rcor.log









CORRELATION PASS #8

| | | | |
|--|-------------|--------------------------|-------------------|
| ECLIPS 6.0i Feb 21, 2008 | | Thu Nov 26 23:05:20 2009 | |
| Updates: 1,40,43 | | | |
| Pcrplt /main/62 | Cplot | Pdf_Cpp /main/16 | Fileview 5.42 |
| PARAMETER AND FILTER SUMMARY REPORT | | | |
| FILE: /data/pass/vulcan/k812a31.prm | | | |
| LOGGING MODE: DEPTH DIRECTION: UP | | | |
| TOP DEPTH: 1268.425 m BOTTOM DEPTH: 1361.008 m | | | |
| SYMMETRIC FILTER | | | |
| MEASUREMENT TYPE | PARAMETER | VALUE | UNITS |
| GR | FILTER () | medium (1) | TOP |
| TENSION | FILTER () | medium (1) | BOTTOM |
| CURVE DESCRIPTION REPORT | | | |
| CURVE NAME | CURVE ALIAS | CREATION DATE | CURVE DESCRIPTION |
| F1:GR | GR | Nov 26 21:03:10 2009 | GAMMA RAY |
| F1:TEN | TEN | Nov 26 21:03:10 2009 | TOTAL TENSION |

CURVE MEASURE POINT OFFSET

| CURVE | OFFSET (m) | CURVE | OFFSET (m) | CURVE | OFFSET (m) | CURVE | OFFSET (m) |
|-------|------------|-------|------------|-------|------------|-------|------------|
| GR | 9.68 | TEN | -1.83 | | | | |

Presentation
: cpu1:/dat1a/pass/vulcan/RCORgr8.pdf [1:240 Scale]

Plot Interval
: 1258.29 - 1362.46 Meters

Data File 1
: F1 : cpu1:/dat1a/pass/vulcan/k812a31.aff

Created On
: Nov 26 21:03:10 2009

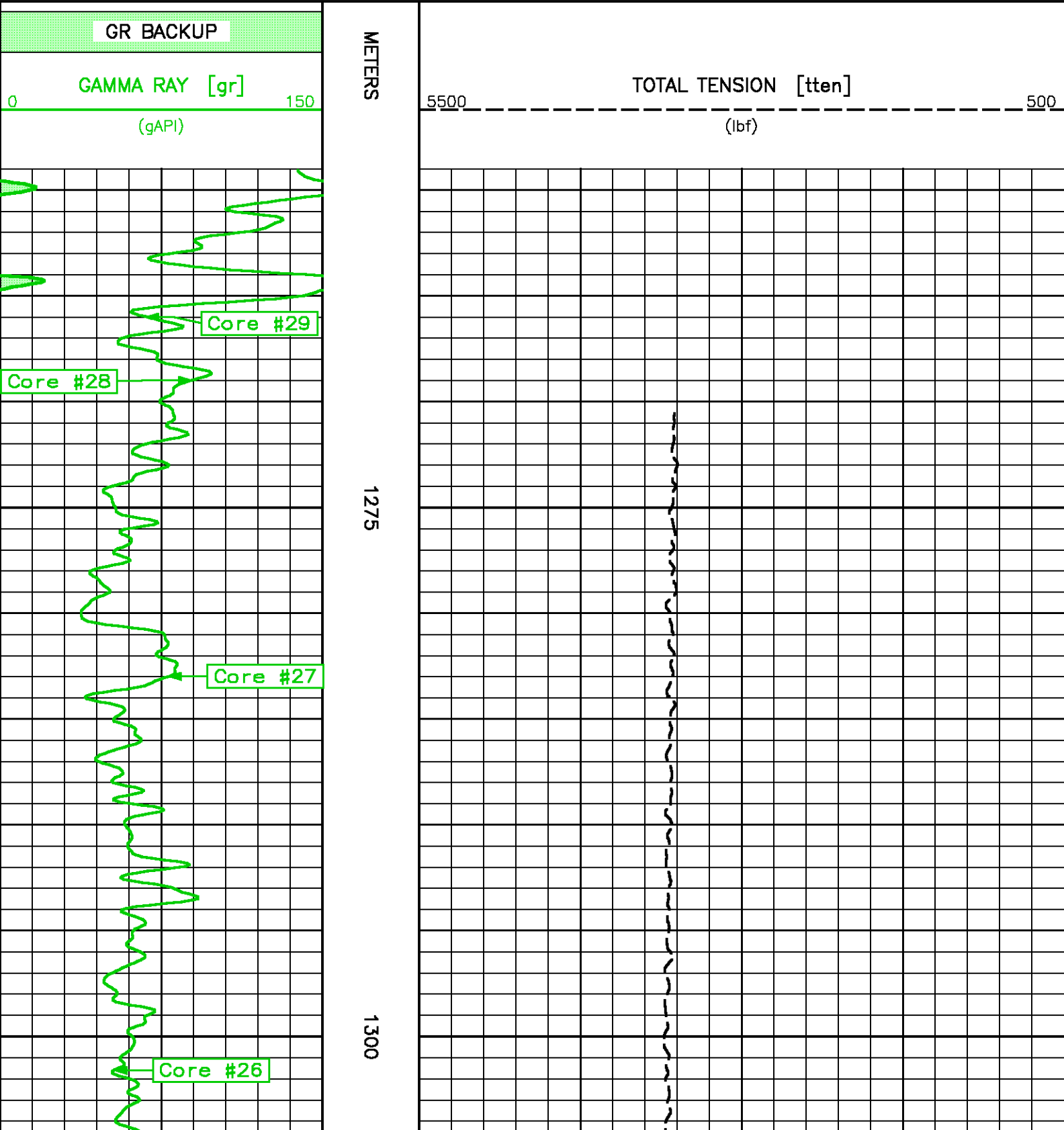
Company
: VULCAN MINERALS INC.

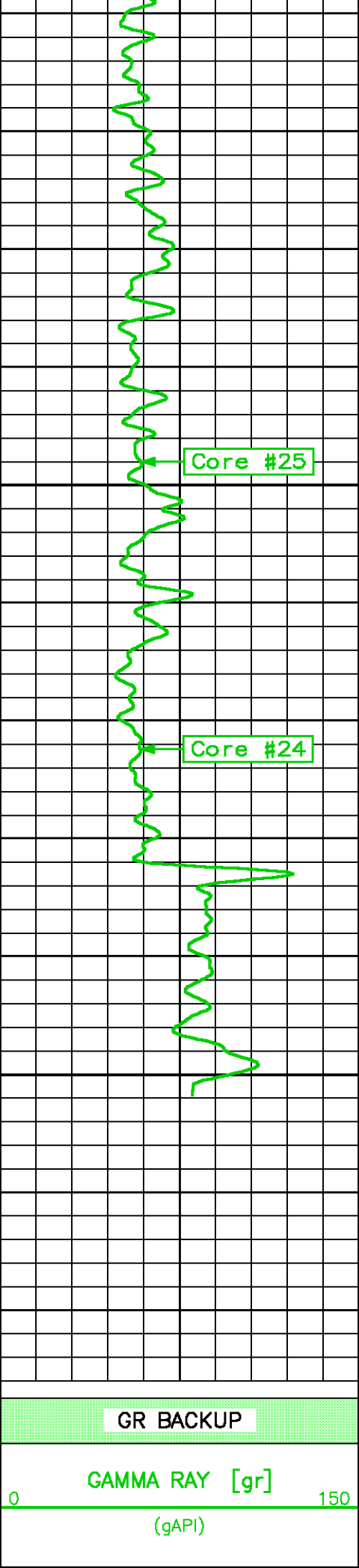
Well
: VULCAN INVESTCAN RED BROOK #2

Field
: RED BROOK

File Interval
: 1258.29 - 1362.84 Meters

Oct
: k812a

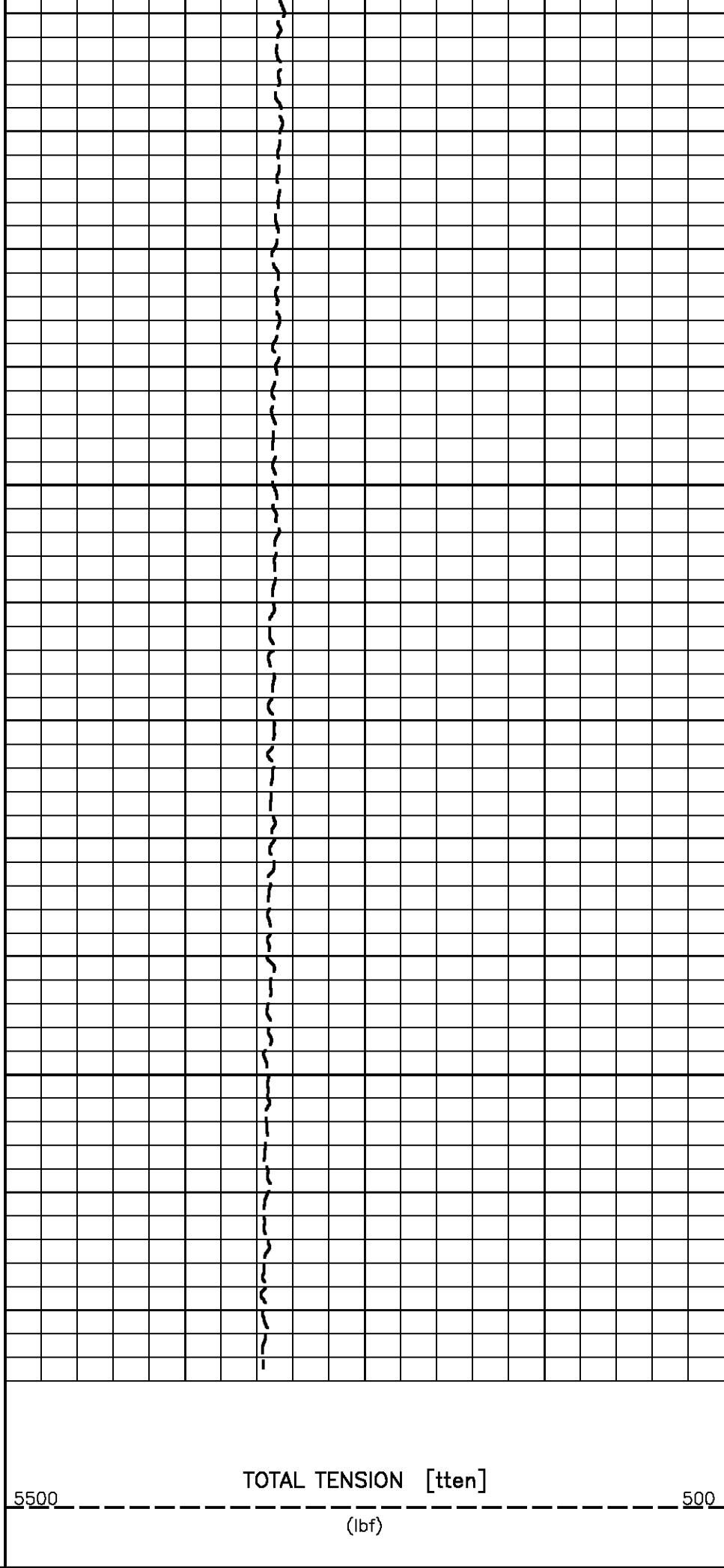




1325

1350

METERS



5500

500

CORRELATION PASS #7

ECLIPS 6.0i Feb 21, 2008
Updates: 1,40,43

Thu Nov 26 21:22:48 2009

Pcrplt /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.42

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/pass/vulcan/k812a23.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 1369.466 m BOTTOM DEPTH: 1475.379 m

SYMMETRIC FILTER

| MEASUREMENT TYPE | PARAMETER | VALUE | UNITS | INTERVAL (m) |
|------------------|------------|------------|-------|--------------|
| GR | FILTER () | medium (1) | | TOP |
| TENSION | FILTER () | medium (1) | | BOTTOM |

CURVE DESCRIPTION REPORT

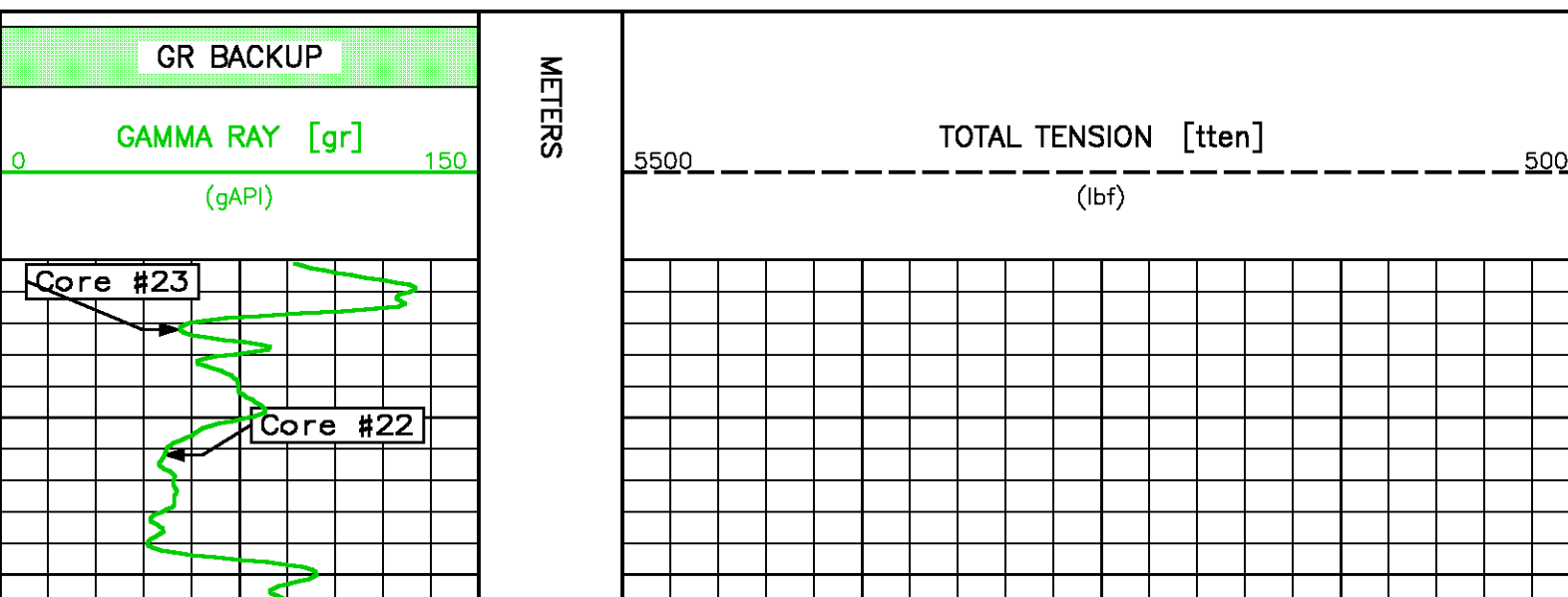
| CURVE NAME | CURVE ALIAS | CREATION DATE | CURVE DESCRIPTION |
|------------|-------------|----------------------|-------------------|
| F1:GR | GR | Nov 26 19:00:48 2009 | GAMMA RAY |
| F1:TEN | TEN | Nov 26 19:00:48 2009 | TOTAL TENSION |

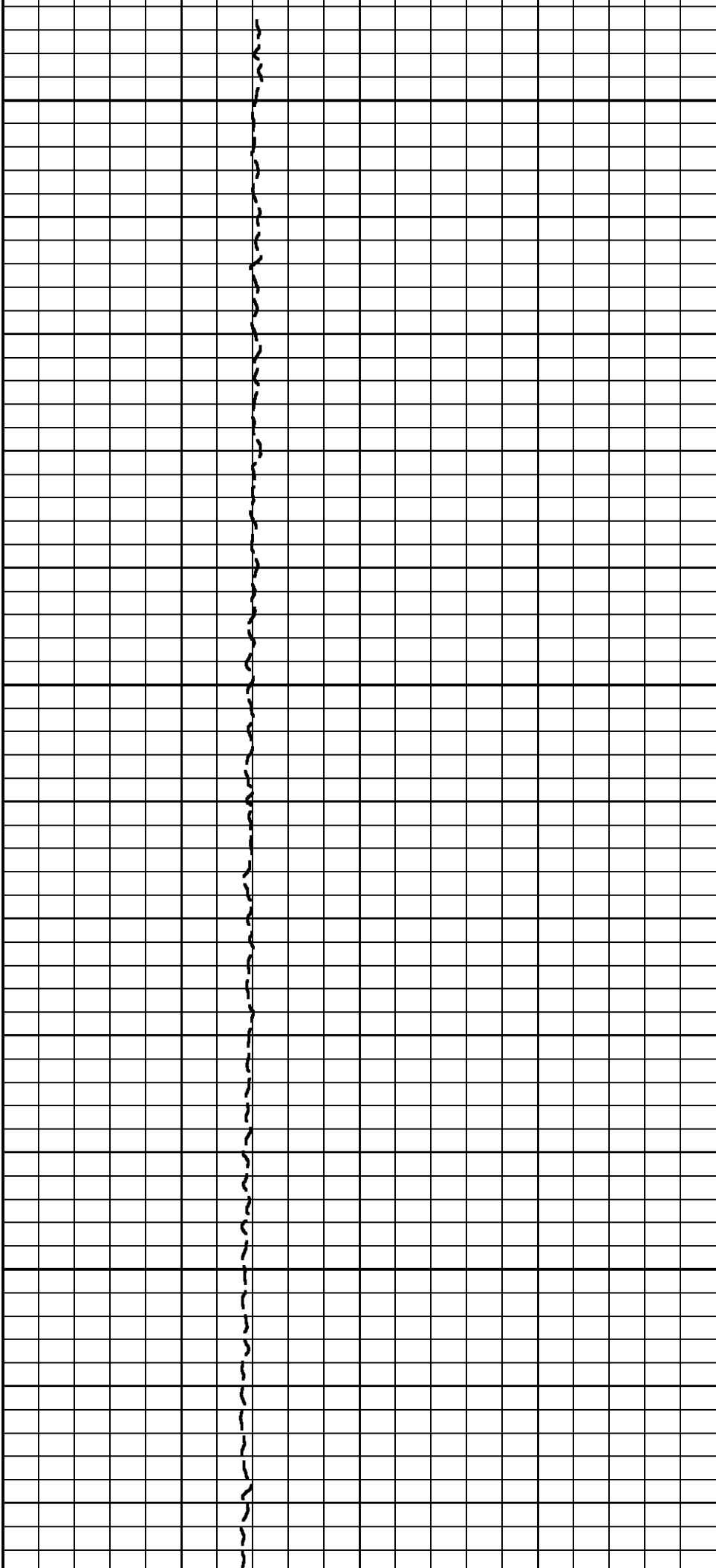
CURVE MEASURE POINT OFFSET

| CURVE | OFFSET (m) | CURVE | OFFSET (m) | CURVE | OFFSET (m) | CURVE | OFFSET (m) |
|-------|------------|-------|------------|-------|------------|-------|------------|
| GR | 9.68 | TEN | -1.83 | | | | |

Presentation : cpu1:/dat1a/pass/vulcan/RCORgr7.pdf [1:240 Scale]
Plot Interval : 1359.33 - 1476.76 Meters

Data File 1 : F1 : cpu1:/dat1a/pass/vulcan/k812a23.aff
Created On : Nov 26 19:00:48 2009
Company : VULCAN MINERALS INC.
Well : VULCAN INVESTCAN RED BROOK #2
Field : RED BROOK
File Interval : 1359.33 - 1477.14 Meters
Oct : k812a





1375

1400

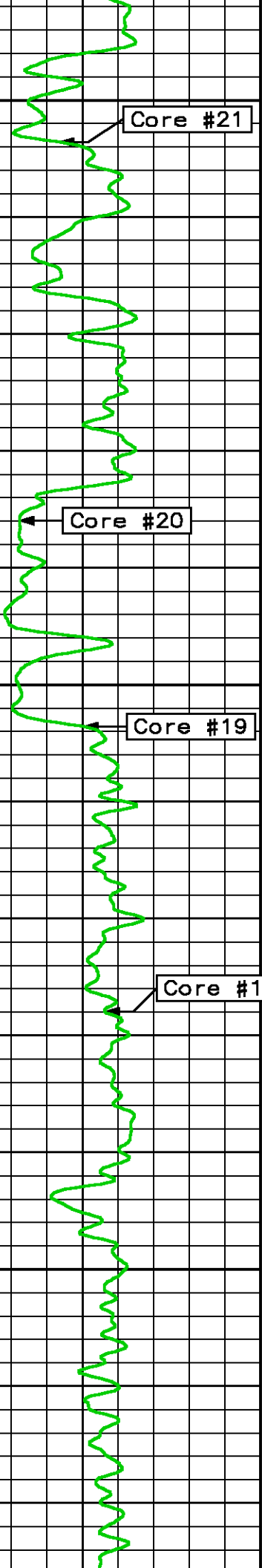
1425

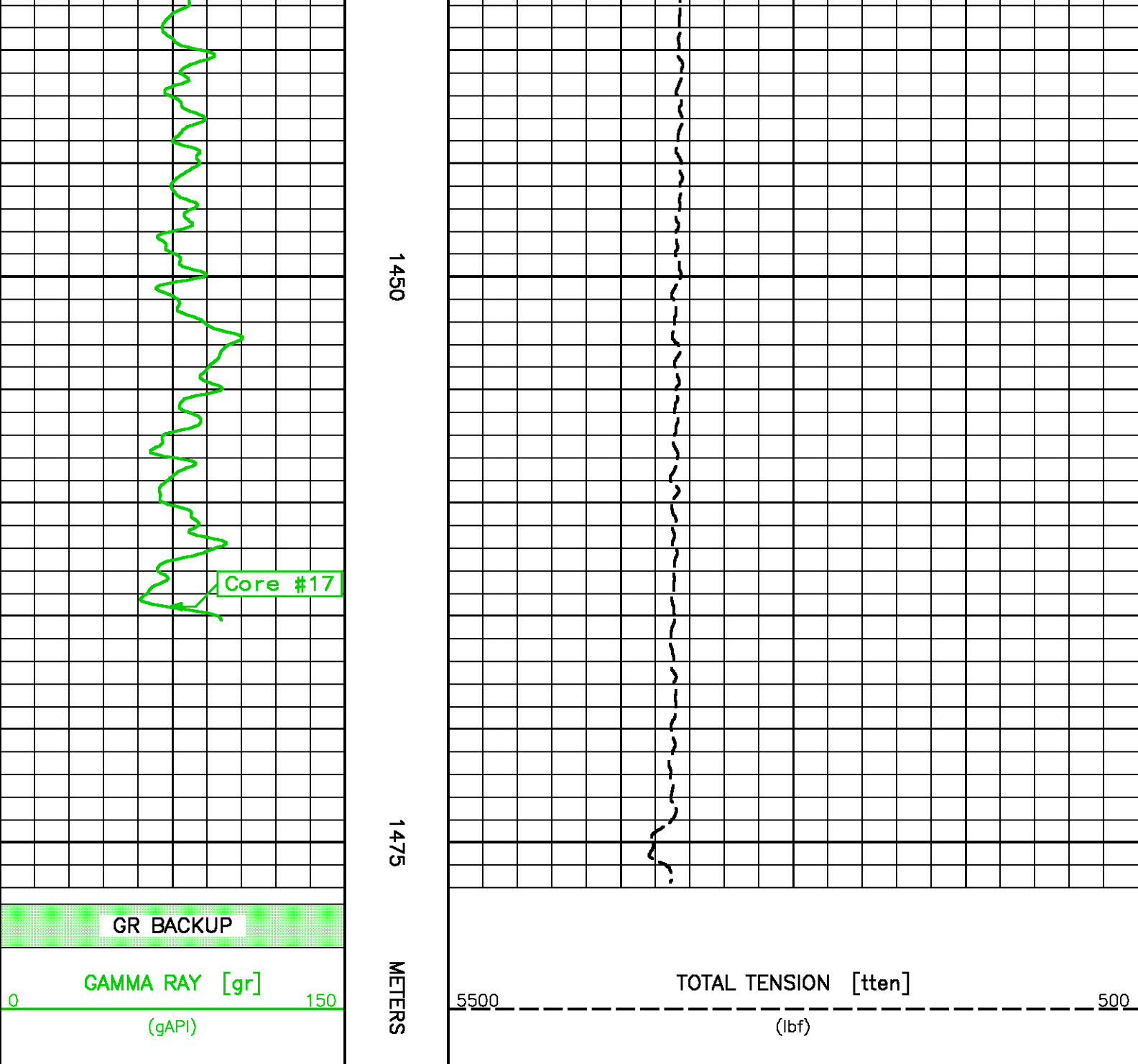
Core #21

Core #20

Core #19

Core #18





CORRELATION PASS #6

ECLIPS 6.0i Feb 21, 2008
Updates: 1,40,43

Thu Nov 26 20:25:07 2009

Pcrplt /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.42

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/pass/vulcan/k812a17.prm
LOGGING MODE: DEPTH
TOP DEPTH: 1536.407 -
DIRECTION: UP
BOTTOM DEPTH: 1590.007 -

TOP DEPTH: 1338.497 m BOTTOM DEPTH: 1580.007 m

SYMMETRIC FILTER

| MEASUREMENT TYPE | PARAMETER | VALUE | UNITS | INTERVAL (m) | |
|------------------|------------|------------|-------|--------------|--------|
| GR | FILTER () | medium (1) | | TOP | BOTTOM |
| TENSION | FILTER () | medium (1) | | " | " |

CURVE DESCRIPTION REPORT

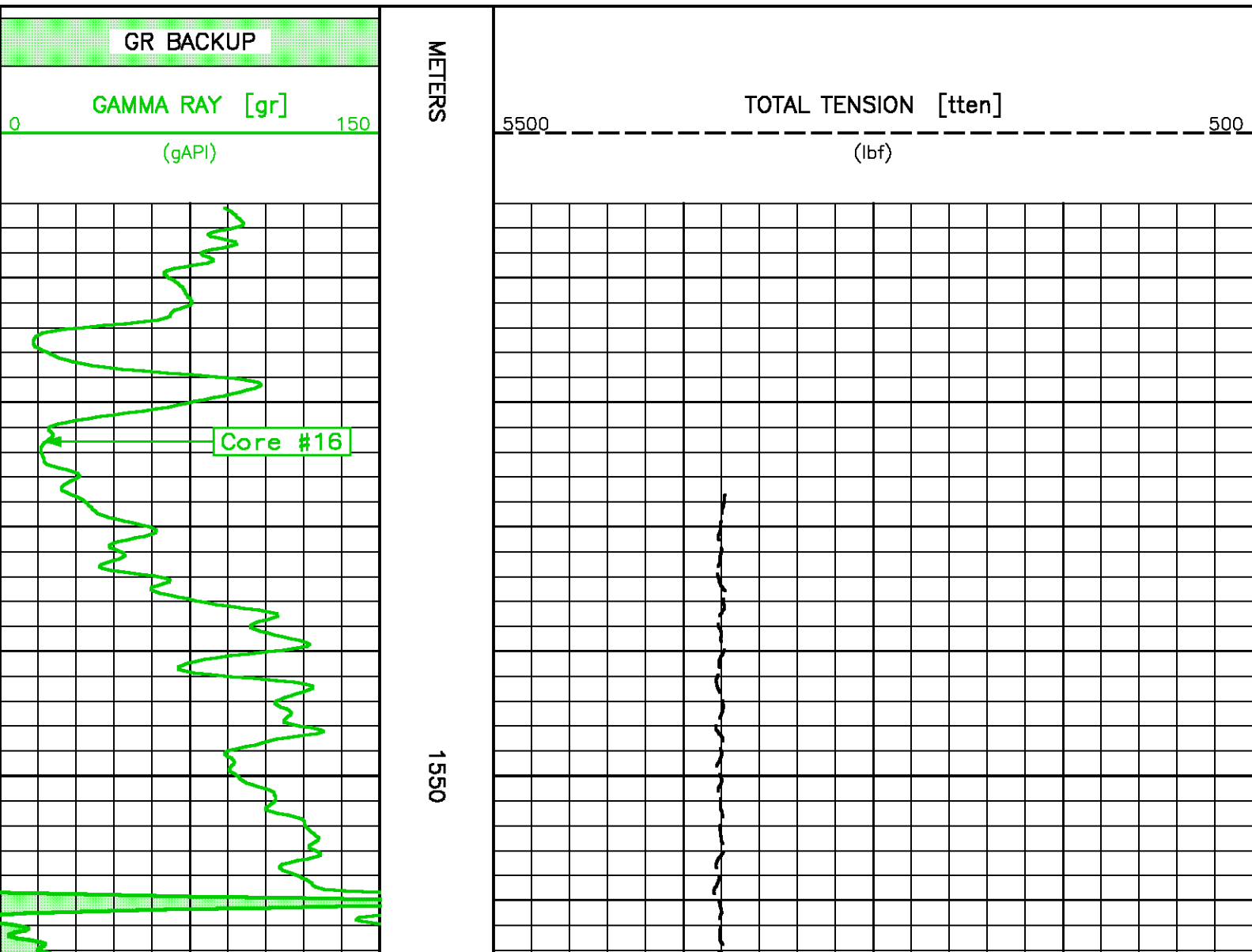
| CURVE NAME | CURVE ALIAS | CREATION DATE | CURVE DESCRIPTION |
|------------|-------------|----------------------|-------------------|
| F1:GR | GR | Nov 26 17:33:49 2009 | GAMMA RAY |
| F1:TEN | TEN | Nov 26 17:33:49 2009 | TOTAL TENSION |

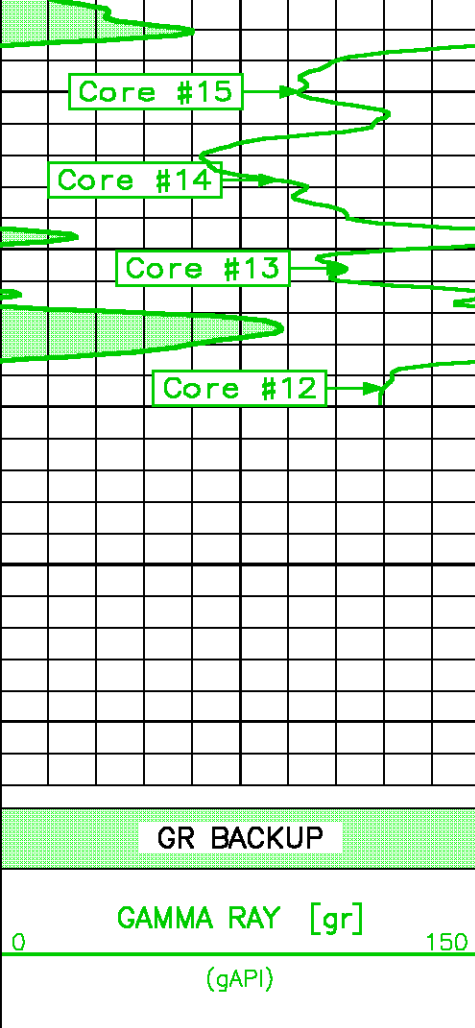
CURVE MEASURE POINT OFFSET

| CURVE | OFFSET (m) | CURVE | OFFSET (m) | CURVE | OFFSET (m) | CURVE | OFFSET (m) |
|-------|------------|-------|------------|-------|------------|-------|------------|
| GR | 9.68 | TEN | -1.83 | | | | |

Presentation : cpu1:/dat1a/pass/vulcan/RCORgr6.pdf [1:240 Scale]
Plot Interval : 1526.44 - 1581.45 Meters

Data File 1 : F1 : cpu1:/dat1a/pass/vulcan/k812a17.aff
Created On : Nov 26 17:33:49 2009
Company : VULCAN MINERALS INC.
Well : VULCAN INVESTCAN RED BROOK #2
Field : RED BROOK
File Interval : 1526.44 - 1581.84 Meters
Out : k812a





CORRELATION PASS #5

ECLIPS 6.0i Feb 21, 2008
Updates: 1,40,43

Thu Nov 26 23:29:27 2009

Pcrplt /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.42

PARAMETER AND FILTER SUMMARY REPORT

FILE: /data/pass/vulcan/k812a12.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 1598.981 m BOTTOM DEPTH: 1683.487 m

SYMMETRIC FILTER

| MEASUREMENT TYPE | PARAMETER | VALUE | UNITS | INTERVAL (m) | |
|------------------|------------|------------|-------|--------------|--------|
| GR | FILTER () | medium (1) | | TOP | BOTTOM |
| TENSION | FILTER () | medium (1) | | " | " |

CURVE DESCRIPTION REPORT

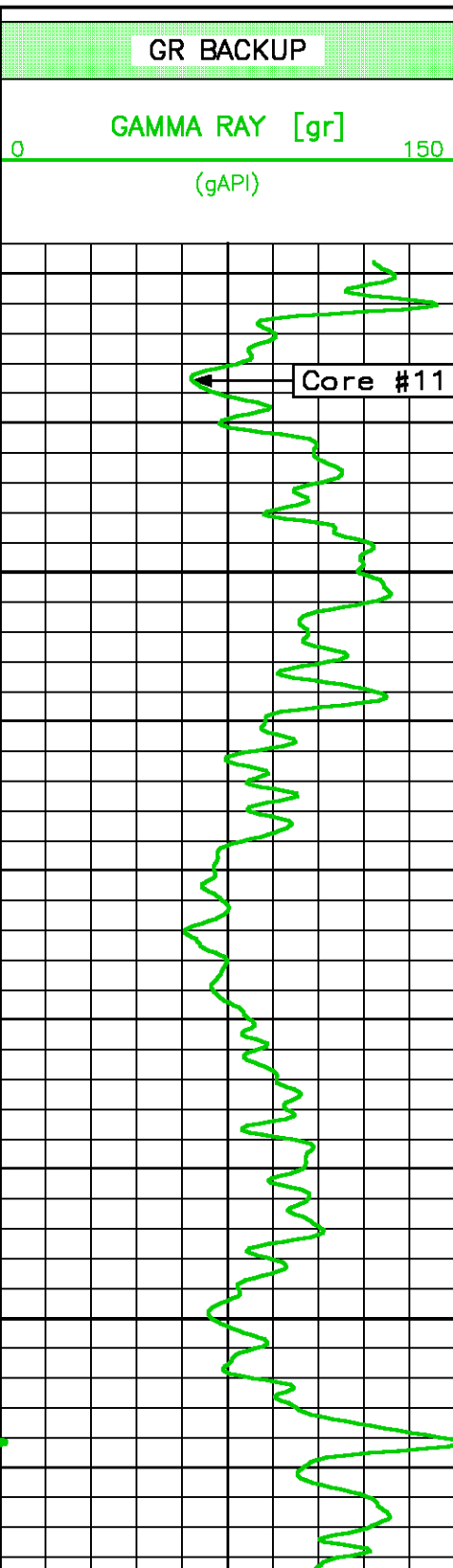
| CURVE NAME | CURVE ALIAS | CREATION DATE | CURVE DESCRIPTION |
|------------|-------------|----------------------|-------------------|
| F1:GR | GR | Nov 26 16:13:48 2009 | GAMMA RAY |
| F1:TEN | TEN | Nov 26 16:13:48 2009 | TOTAL TENSION |

CURVE MEASURE POINT OFFSET

| CURVE | OFFSET (m) | CURVE | OFFSET (m) | CURVE | OFFSET (m) | CURVE | OFFSET (m) |
|-------|------------|-------|------------|-------|------------|-------|------------|
| GR | 9.68 | TEN | -1.83 | | | | |

Presentation : cpu1:/dat1a/pass/vulcan/RCORgr5.pdf [1:240 Scale]
 Plot Interval : 1588.85 - 1684.93 Meters

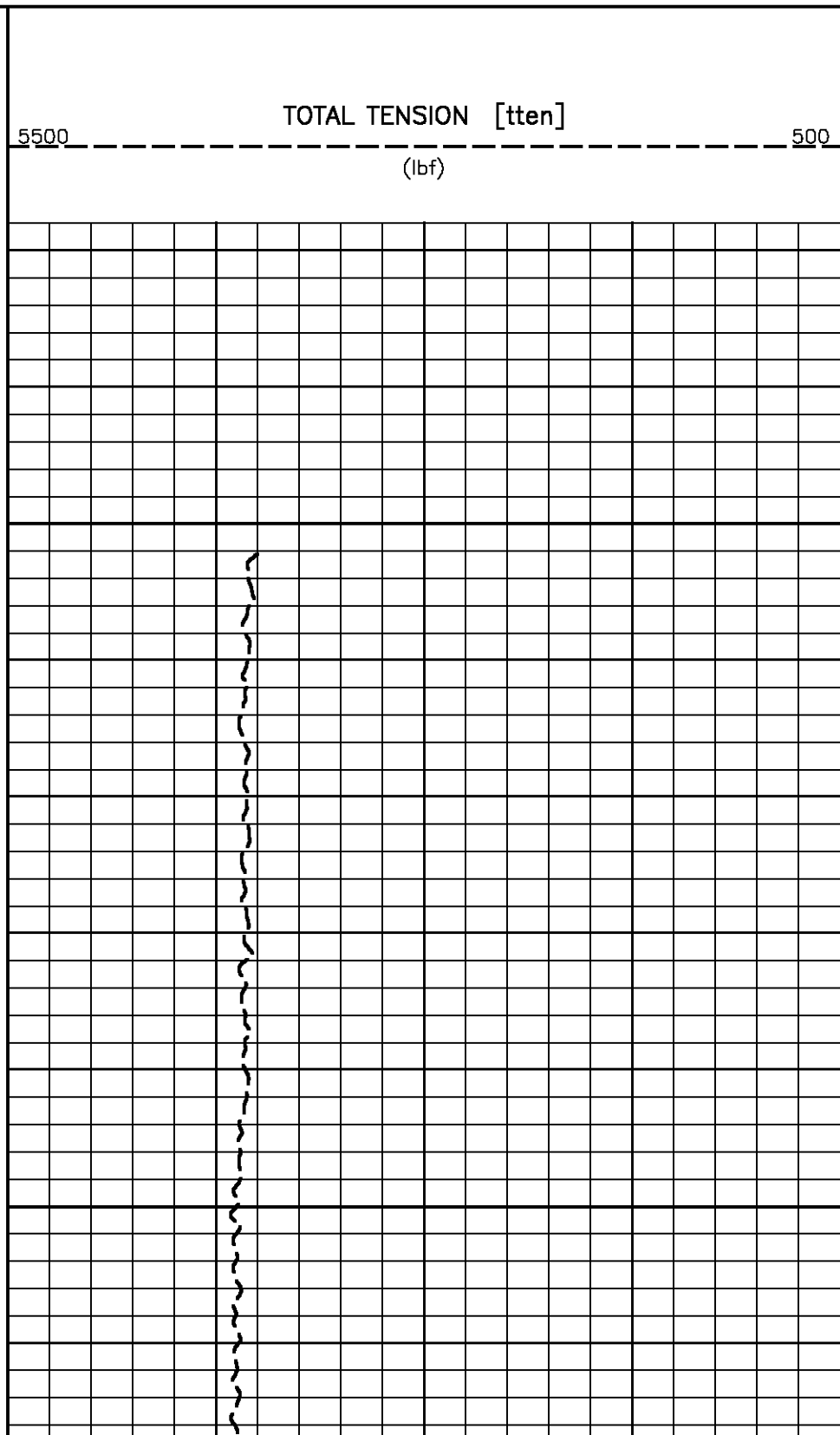
Data File 1 : F1 : cpu1:/dat1a/pass/vulcan/k812a12.aff
 Created On : Nov 26 16:13:48 2009
 Company : VULCAN MINERALS INC.
 Well : VULCAN INVESTCAN RED BROOK #2
 Field : RED BROOK
 File Interval : 1588.85 - 1685.32 Meters
 Oct : k812a

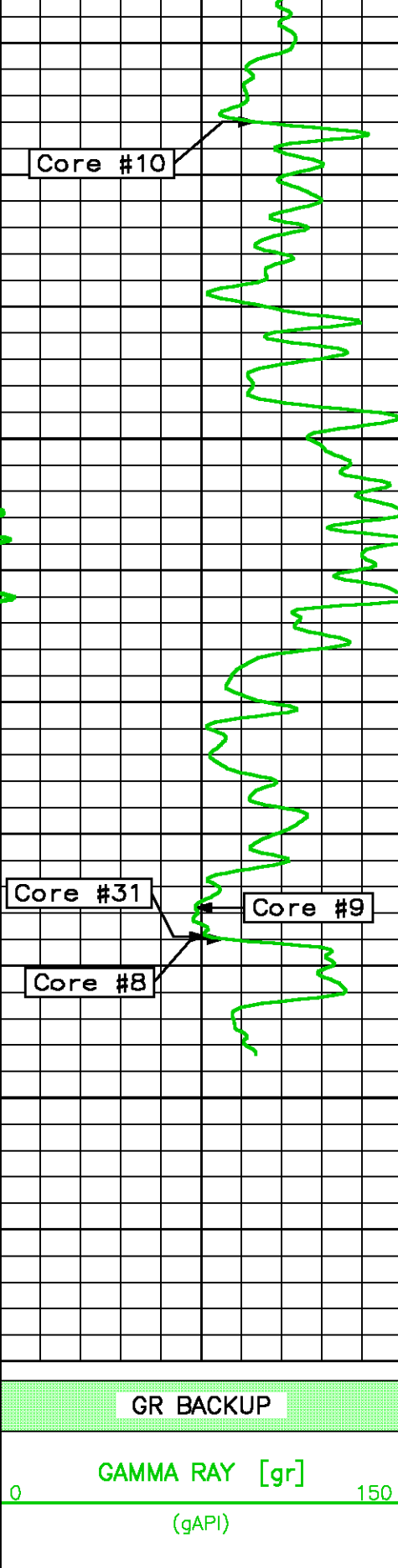


METERS

1600

1625

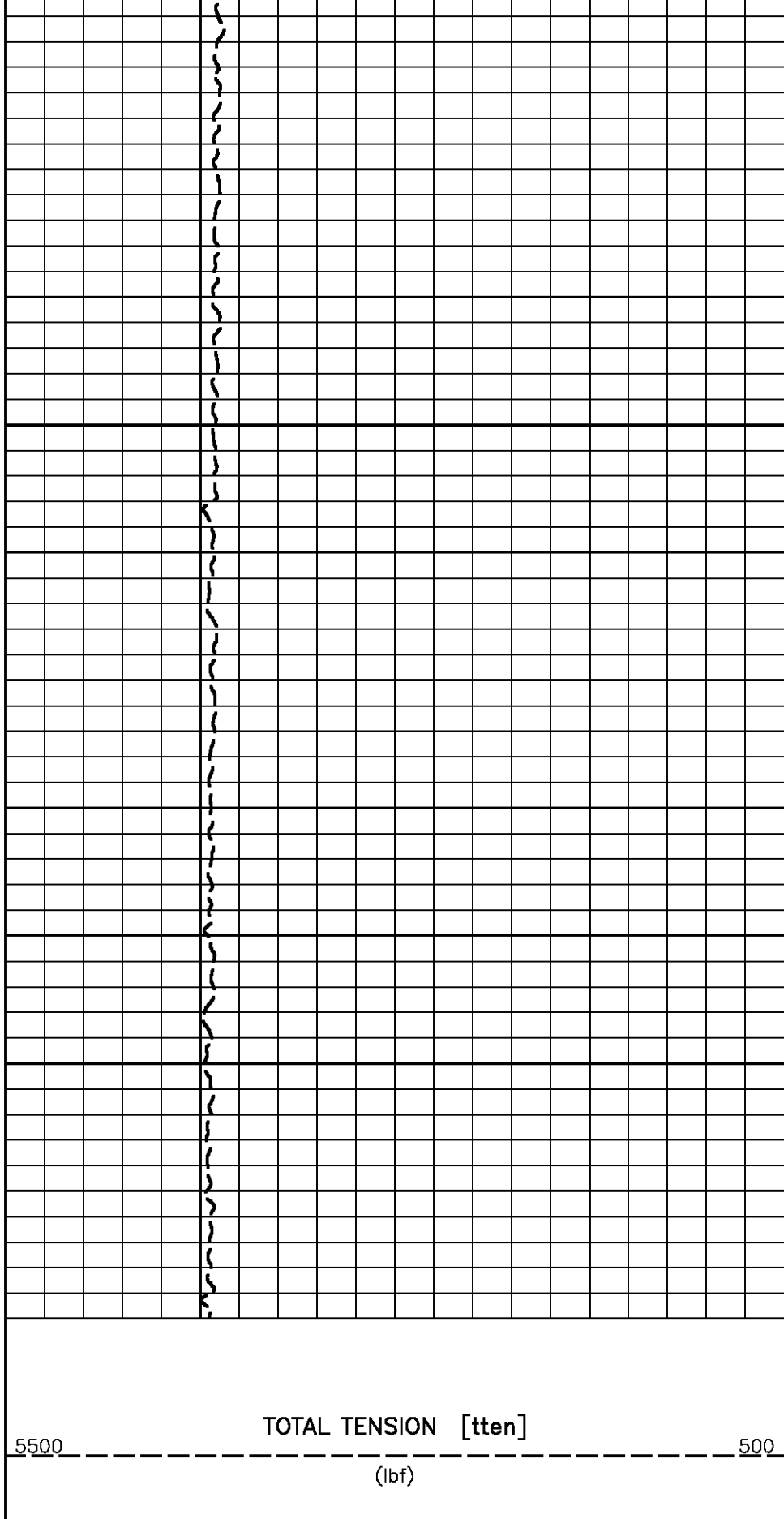




1650

1675

METERS



Pcrplt /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.42

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/pass/vulcan/k812a08.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 1694.764 m BOTTOM DEPTH: 1796.186 m

SYMMETRIC FILTER

| MEASUREMENT TYPE | PARAMETER | VALUE | UNITS | INTERVAL (m) | |
|------------------|------------|------------|-------|--------------|--------|
| GR | FILTER () | medium (1) | | TOP | BOTTOM |
| TENSION | FILTER () | medium (1) | | " | " |

CURVE DESCRIPTION REPORT

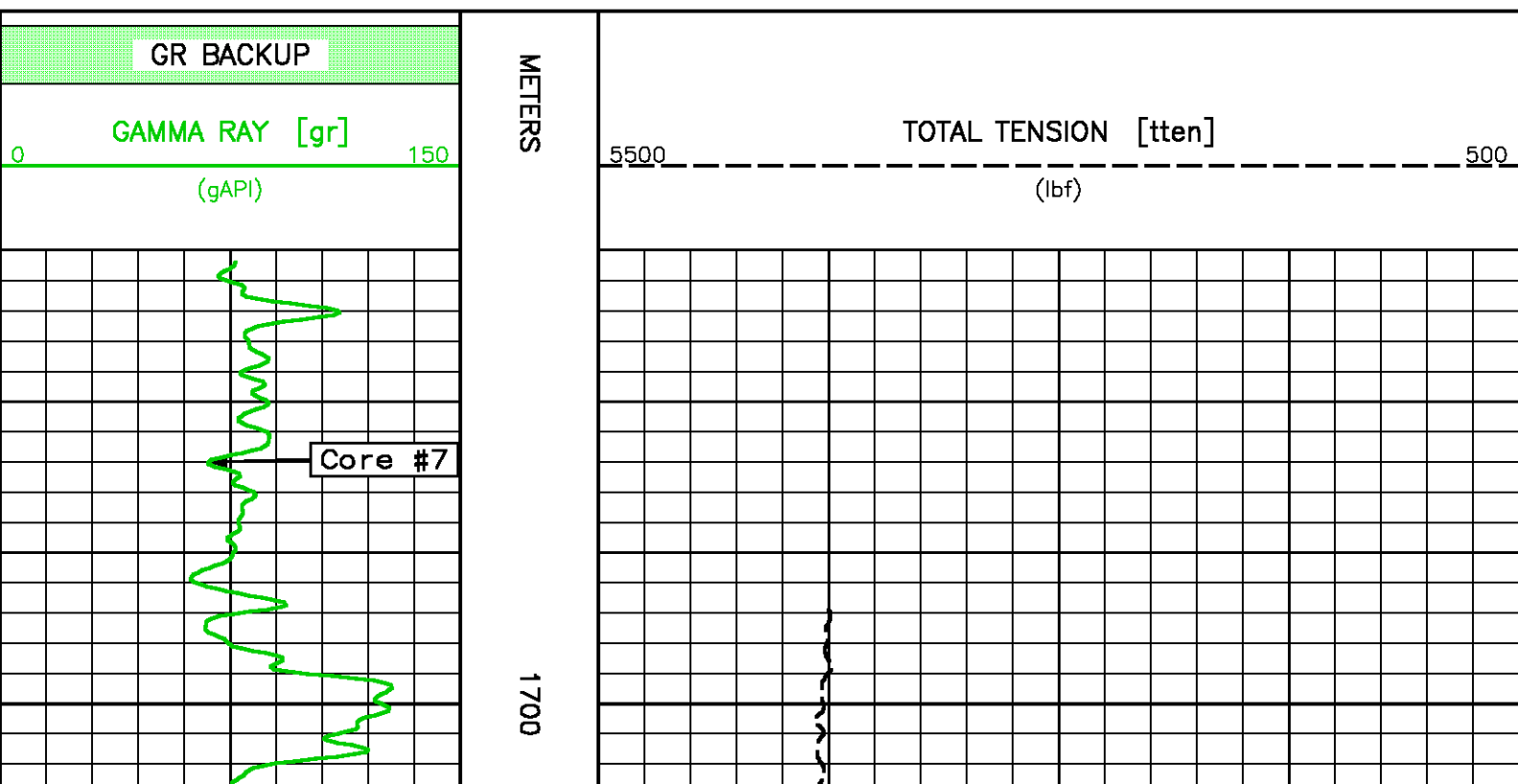
| CURVE NAME | CURVE ALIAS | CREATION DATE | CURVE DESCRIPTION |
|------------|-------------|----------------------|-------------------|
| F1:GR | GR | Nov 26 15:18:21 2009 | GAMMA RAY |
| F1:TEN | TEN | Nov 26 15:18:21 2009 | TOTAL TENSION |

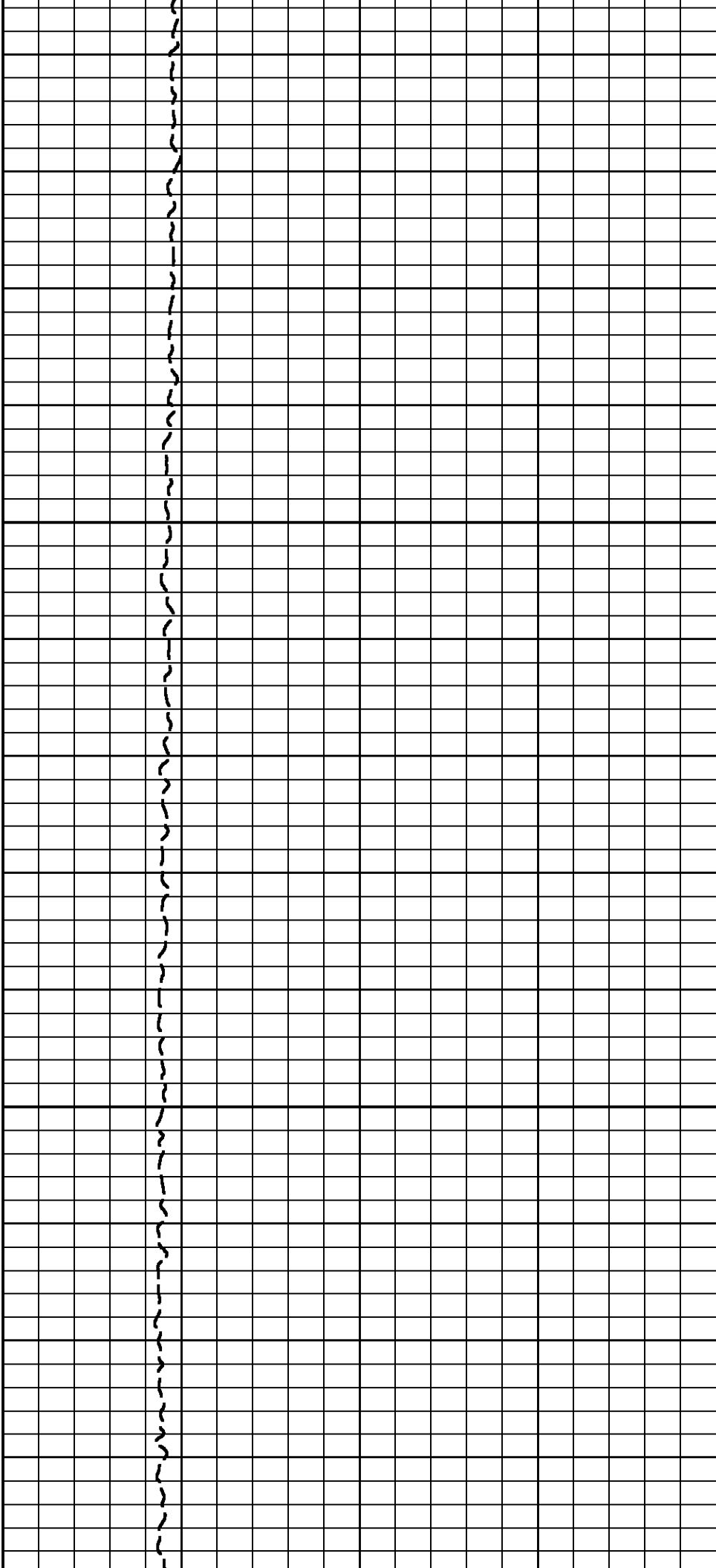
CURVE MEASURE POINT OFFSET

| CURVE | OFFSET (m) | CURVE | OFFSET (m) | CURVE | OFFSET (m) | CURVE | OFFSET (m) |
|-------|------------|-------|------------|-------|------------|-------|------------|
| GR | 9.68 | TEN | -1.83 | | | | |

Presentation : cpu1:/dat1a/pass/vulcan/RCORgr4.pdf [1:240 Scale]
Plot Interval : 1684.63 - 1797.63 Meters

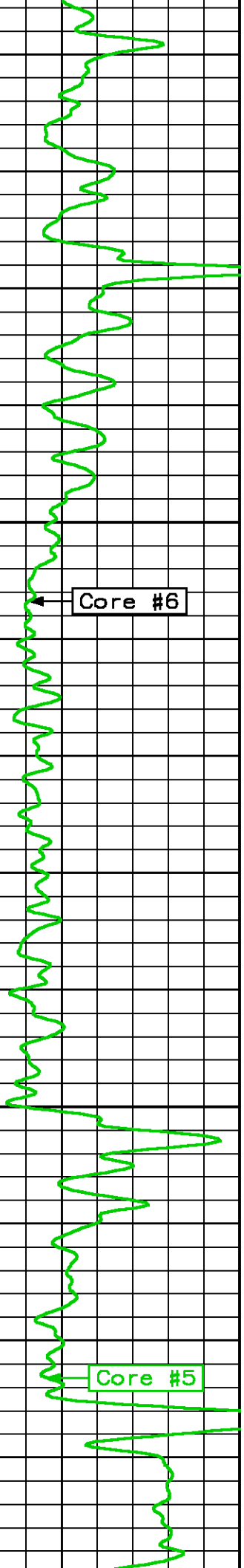
Data File 1 : F1 : cpu1:/dat1a/pass/vulcan/k812a08.aff
Created On : Nov 26 15:18:21 2009
Company : VULCAN MINERALS INC.
Well : VULCAN INVESTCAN RED BROOK #2
Field : RED BROOK
File Interval : 1684.63 - 1798.02 Meters
Oct : k812a

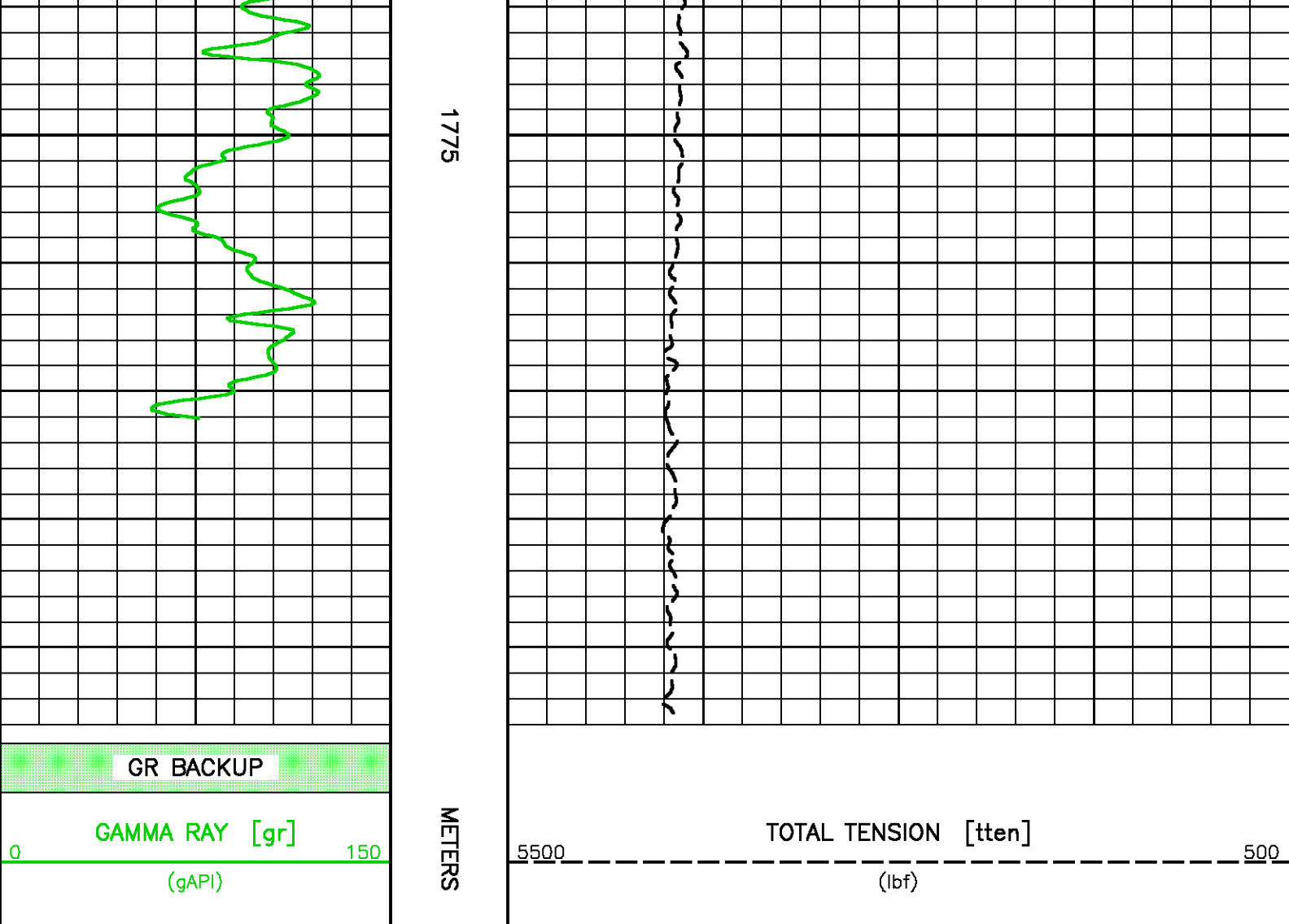




1725

1750





CORRELATION PASS #3

ECLIPS 6.01 Feb 21, 2008
Updates: 1,40,43

Thu Nov 26 19:45:23 2009

Pcrplt /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.42

PARAMETER AND FILTER SUMMARY REPORT

FILE: /data/pass/vulcan/k812a06.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 1900.352 m BOTTOM DEPTH: 1945.213 m

SYMMETRIC FILTER

| MEASUREMENT TYPE | PARAMETER | VALUE | UNITS | INTERVAL (m) | |
|------------------|------------|------------|-------|--------------|--------|
| GR | FILTER () | medium (1) | | TOP | BOTTOM |
| TENSION | FILTER () | medium (1) | | " | " |

CURVE DESCRIPTION REPORT

| CURVE NAME | CURVE ALIAS | CREATION DATE | CURVE DESCRIPTION |
|------------|-------------|---------------|-------------------|
|------------|-------------|---------------|-------------------|

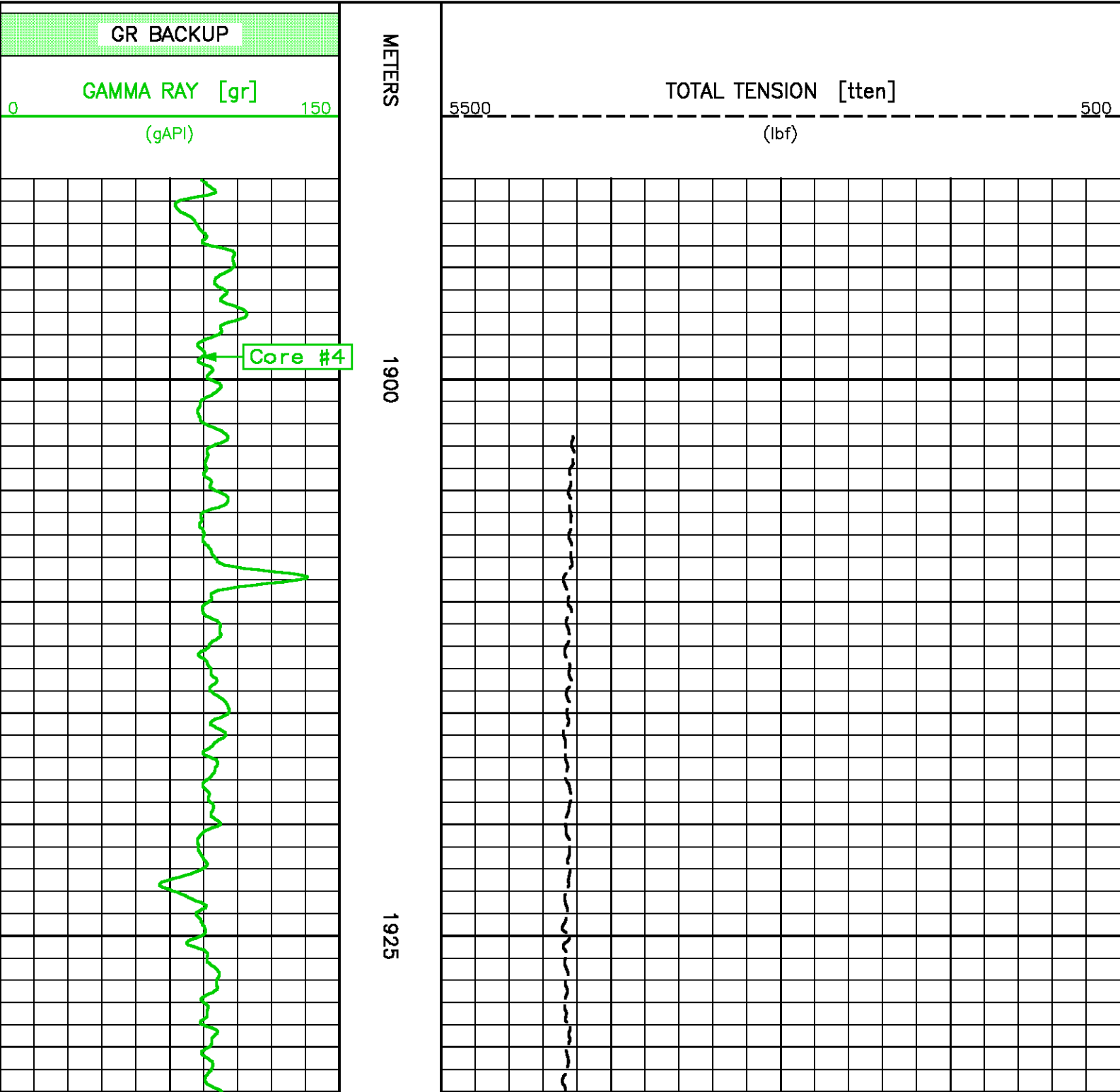
| CURVE MEASURE POINT OFFSET | | | | | | | |
|----------------------------|------------|-------|------------|-------|------------|-------|------------|
| CURVE | OFFSET (m) | CURVE | OFFSET (m) | CURVE | OFFSET (m) | CURVE | OFFSET (m) |
| GR | 9.68 | TEN | -1.83 | | | | |

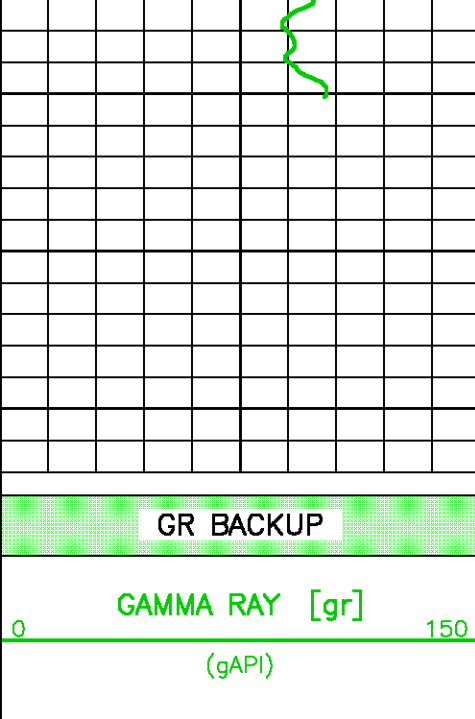
Presentation
Plot Interval

: cpu1:/dat1a/pass/vulcan/RCORgr3.pdf [1:240 Scale]
: 1890.29 - 1946.68 Meters

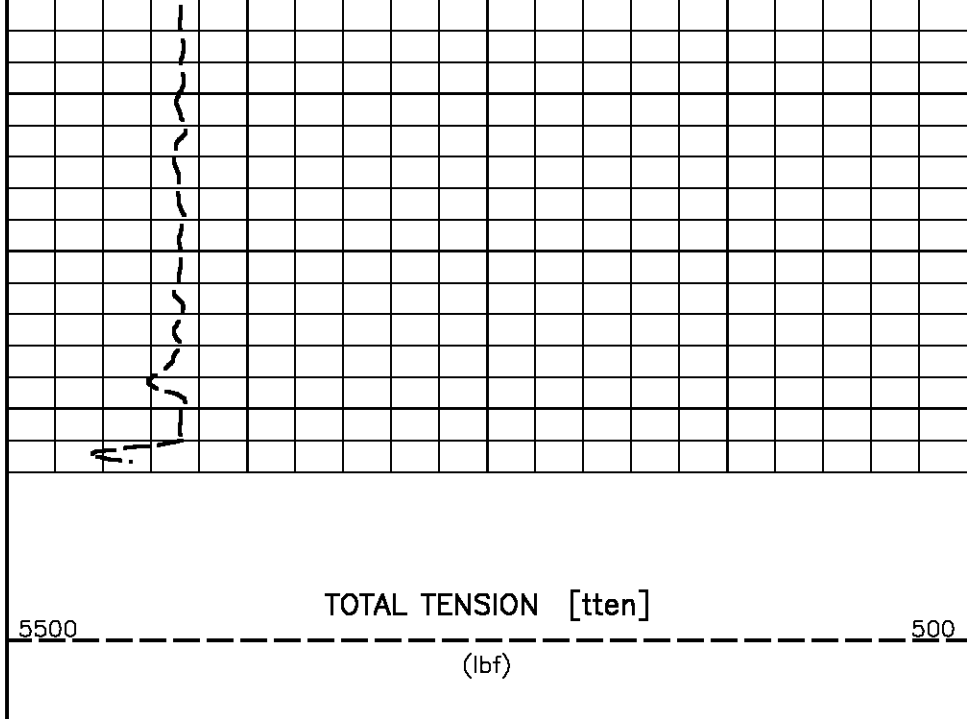
Data File 1
Created On
Company
Well
Field
File Interval
Oct

: F1 : cpu1:/dat1a/pass/vulcan/k812a06 aff
: Nov 26 14:45:33 2009
: VULCAN MINERALS INC.
: VULCAN INVESTCAN RED BROOK #2
: RED BROOK
: 1890.29 - 1947.06 Meters
: k812a





METERS



CORRELATION PASS #2

ECLIPS 6.01 Feb 21, 2008
Updates: 1,40,43

Thu Nov 26 19:44:07 2009

Pcrplt /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.42

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/pass/vulcan/k812a04.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 1930.070 m BOTTOM DEPTH: 1959.026 m

SYMMETRIC FILTER

| MEASUREMENT TYPE | PARAMETER | VALUE | UNITS | INTERVAL (m) | |
|------------------|------------|------------|-------|--------------|--------|
| GR | FILTER () | medium (1) | | TOP | BOTTOM |
| TENSION | FILTER () | medium (1) | | " | " |

CURVE DESCRIPTION REPORT

| CURVE NAME | CURVE ALIAS | CREATION DATE | CURVE DESCRIPTION |
|------------|-------------|----------------------|-------------------|
| F1:GR | GR | Nov 26 14:10:30 2009 | GAMMA RAY |
| F1:TEN | TEN | Nov 26 14:10:30 2009 | TOTAL TENSION |

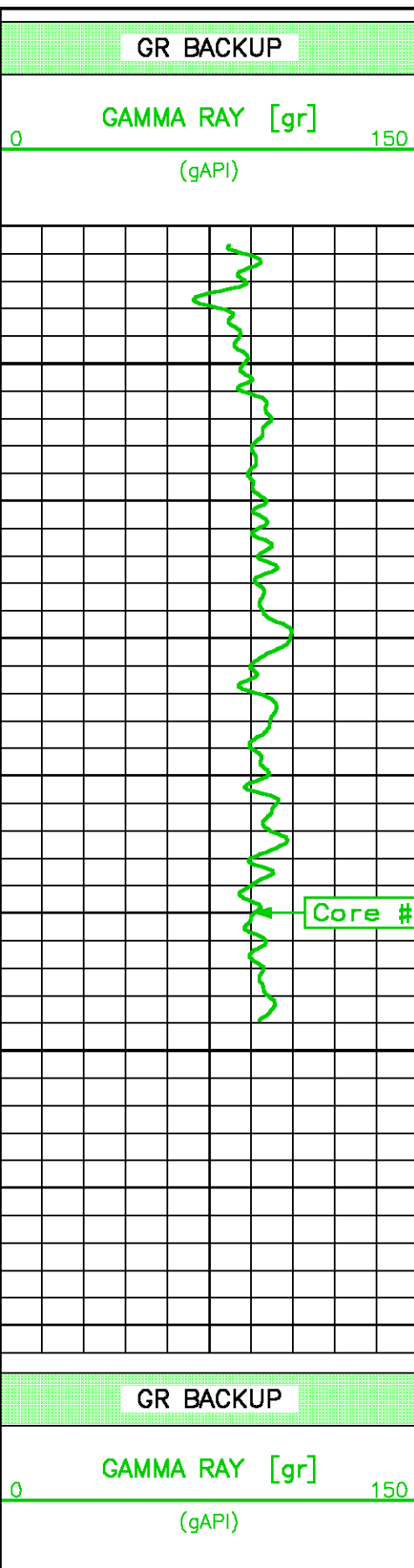
CURVE MEASURE POINT OFFSET

| CURVE | OFFSET (m) | CURVE | OFFSET (m) | CURVE | OFFSET (m) | CURVE | OFFSET (m) |
|-------|------------|-------|------------|-------|------------|-------|------------|
| GR | 9.68 | TEN | -1.83 | | | | |

Presentation : cpu1:/dat1a/pass/vulcan/RCORgr2.pdf [1:240 Scale]
Plot Interval : 1919.94 - 1960.47 Meters

Data File 1 : F1 : cpu1:/dat1a/pass/vulcan/k812a04.aiff
Created On : Nov 26 14:10:30 2009
Company : VULCAN MINERALS INC

Company : VULCAN MINERALS INC.
Well : VULCAN INVESTCAN RED BROOK #2
Field : RED BROOK
File Interval : 1919.94 - 1960.85 Meters
Oct : k812a

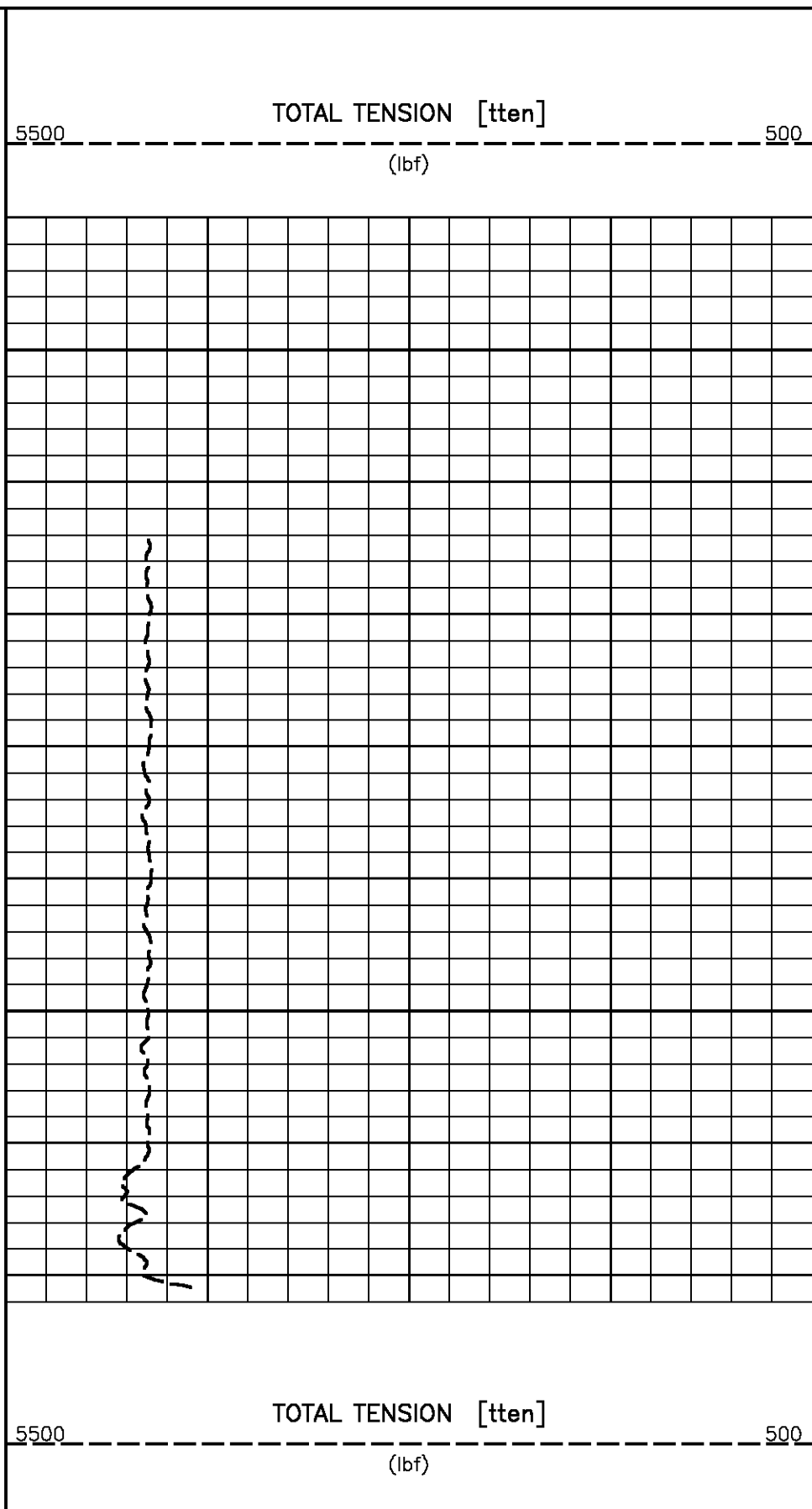


METERS

1925

1950

METERS



CORRELATION PASS 1

ECLIPS 6.0i Feb 21, 2008
Updates: 1,40,43

Thu Nov 26 19:47:33 2009

Pcrplt /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.42

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/pass/vulcan/k812a01.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 885.215 m BOTTOM DEPTH: 925.982 m

SYMMETRIC FILTER

| MEASUREMENT TYPE | PARAMETER | VALUE | UNITS | INTERVAL (m) | |
|------------------|------------|------------|-------|--------------|--------|
| GR | FILTER () | medium (1) | | TOP | BOTTOM |
| TENSION | FILTER () | medium (1) | | " | " |

CURVE DESCRIPTION REPORT

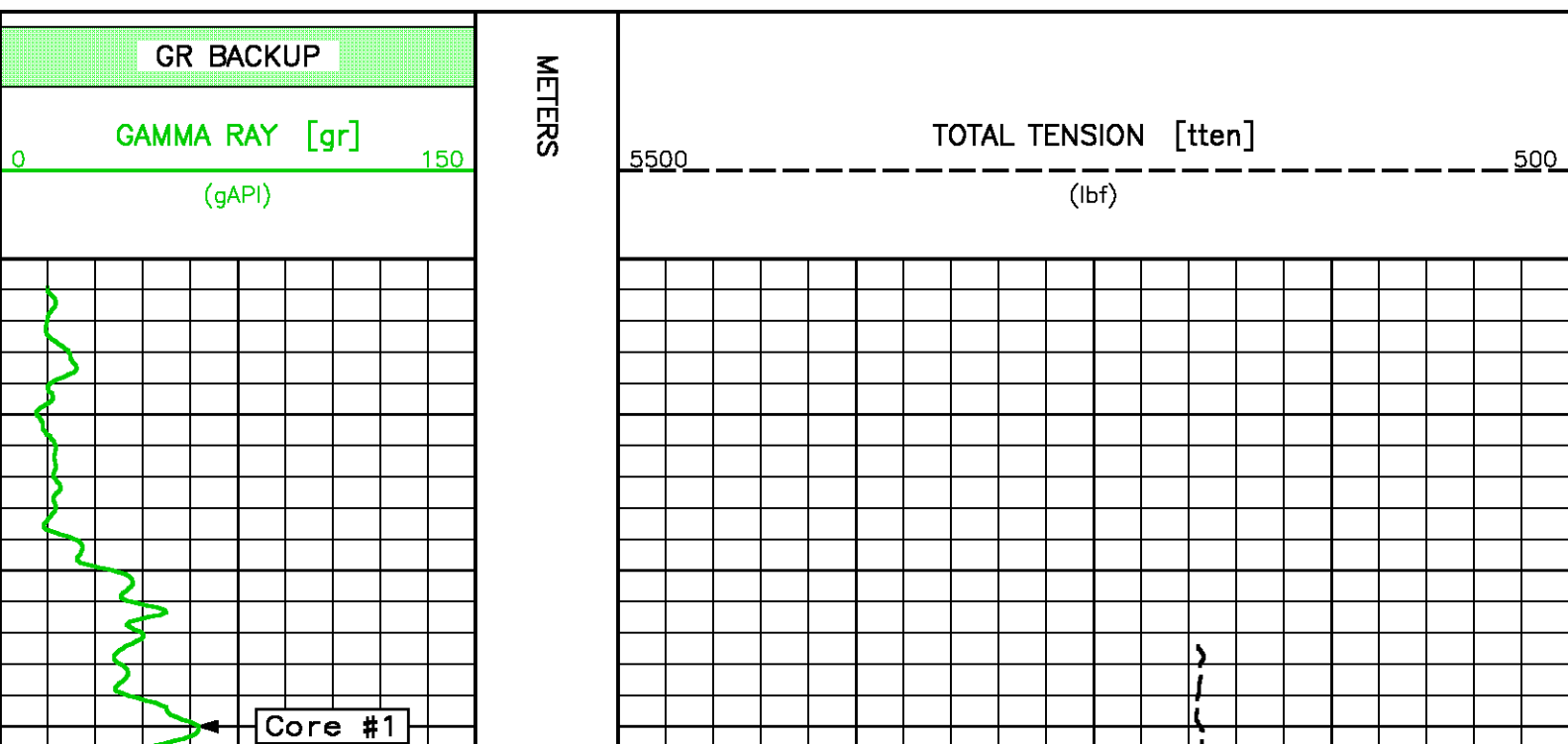
| CURVE NAME | CURVE ALIAS | CREATION DATE | CURVE DESCRIPTION |
|------------|-------------|----------------------|-------------------|
| F1:GR | GR | Nov 26 13:04:21 2009 | GAMMA RAY |
| F1:TEN | TEN | Nov 26 13:04:21 2009 | TOTAL TENSION |

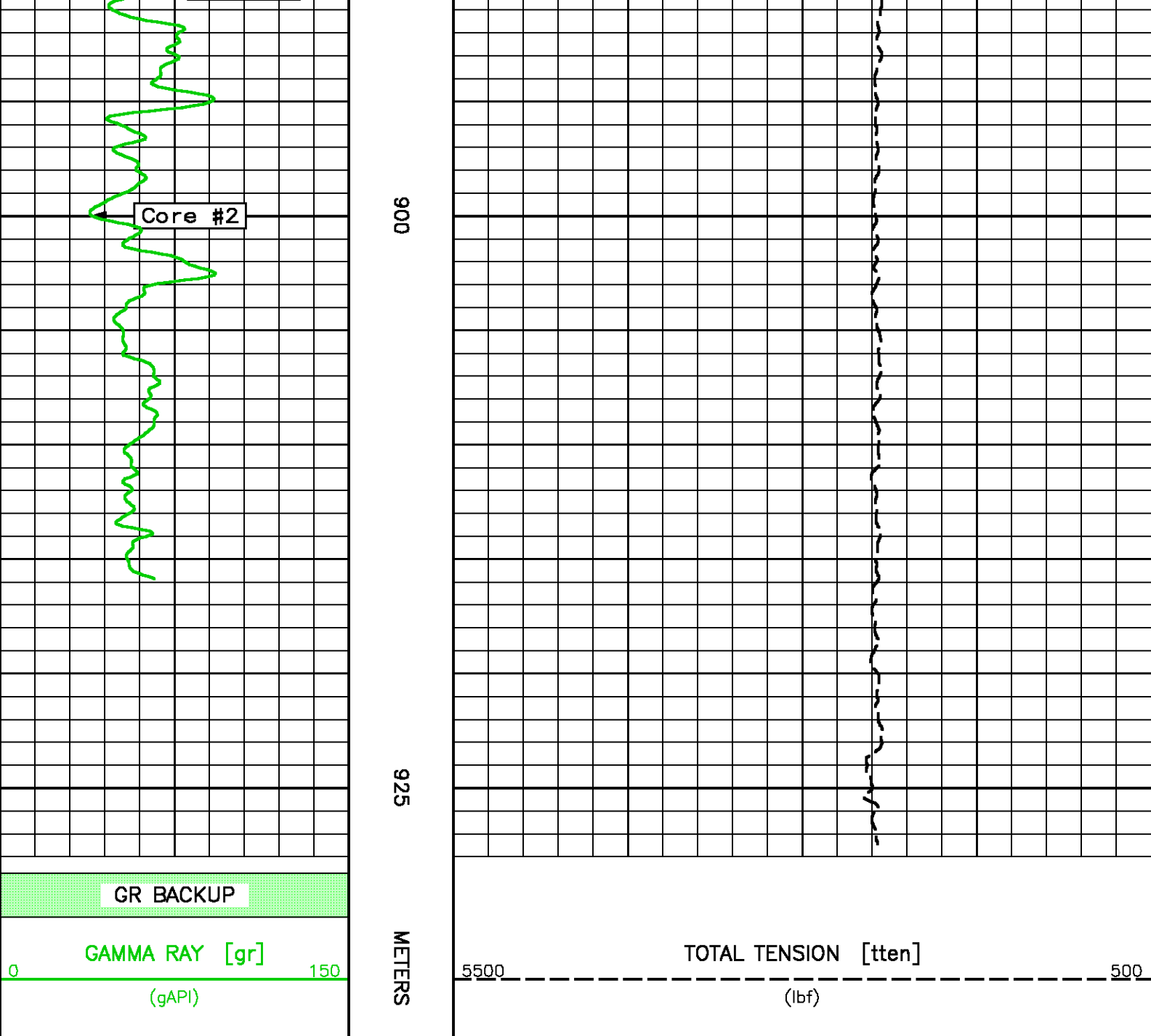
CURVE MEASURE POINT OFFSET

| CURVE | OFFSET (m) | CURVE | OFFSET (m) | CURVE | OFFSET (m) | CURVE | OFFSET (m) |
|-------|------------|-------|------------|-------|------------|-------|------------|
| GR | 9.68 | TEN | -1.83 | | | | |

Presentation : cpu1:/dat1a/pass/vulcan/RCORgr1.pdf [1:240 Scale]
Plot Interval : 875.157 - 927.43 Meters

Data File 1 : F1 : cpu1:/dat1a/pass/vulcan/k812a01.aff
Created On : Nov 26 13:04:21 2009
Company : VULCAN MINERALS INC.
Well : VULCAN INVESTCAN RED BROOK #2
Field : RED BROOK
File Interval : 875.157 - 927.811 Meters
Oct : k812a





CALIBRATION / VERIFICATION SUMMARY

Source File: /dat1a/pass/vulcan/k812a.tp1

RCOR_CHT PRIMARY CALIBRATION SUMMARY

TOOL #: 3981XA 369687

DATE/TIME PERFORMED: Thu Nov 26 12:26:35 2009

UNIT #: 3880TA HL6555

| | Signal Low | Signal High | Scale Mult | Scale Add | Engr Low | Engr High |
|-----|------------|-------------|------------|-----------|----------|-----------|
| | (raw) | (raw) | | | (lbf) | (lbf) |
| CHT | 2012.40 | 2085.10 | 12.49 | -25134.21 | 0.00 | 908.00 |

GR PRIMARY CALIBRATION SUMMARY

TOOL #: 1823EB 10097493 DATE/TIME PERFORMED: Sat Oct 31 20:23:12 2009

UNIT #: 5753XA 10067203 CALB JIG #: 4702NK DA0479

| | BACKGROUND (cts/s) | CALBRTR ON (cts/s) | CR DIFF (cts/s) | MULT | BACKGROUND (gAPI) | CALBRTR ON (gAPI) | CALBRTR (gAPI) |
|----|-----------------------|-----------------------|--------------------|-------|----------------------|----------------------|-------------------|
| GR | 86.47 | 632.27 | 545.8 | 0.339 | 29.31 | 214.31 | 185 |

GR PRIMARY VERIFICATION SUMMARY

TOOL #: 1823EB 10097493 DATE/TIME PERFORMED: Sat Oct 31 20:25:30 2009

UNIT #: 5753XA 10067203 VERI JIG #: 4702NK DA0479

| | BACKGROUND (cts/s) | CALBRTR ON (cts/s) | MULT | BACKGROUND (gAPI) | CALBRTR ON (gAPI) | DIFF. (gAPI) |
|----|-----------------------|-----------------------|-------|----------------------|----------------------|-----------------|
| GR | 86.78 | 638.44 | 0.339 | 29.41 | 216.40 | 186.99 |
| | | | | | | 175.00 195.00 |

RCOR_ENV PRIMARY CALIBRATION SUMMARY

TOOL #: 1823PC 10096547 DATE/TIME PERFORMED: Sat Oct 31 22:12:16 2009

UNIT #: 5753XA 10067203

| PRESSURE | LOW (mV) | HIGH (mV) | MULT (kPa/mV) | ADD (kPa) | LOW (kPa) | HIGH (kPa) |
|-------------------|-------------|--------------|------------------|--------------|--------------|---------------|
| ABSOLUTE PRESSURE | 0 | 3180 | 43.363 | 0.000 | 0 | 137895 |

| TEMPERATURE | LOW (mV) | HIGH (mV) | MULT (degC/mV) | ADD (degC) | LOW (degC) | HIGH (degC) |
|------------------|-------------|--------------|-------------------|---------------|---------------|----------------|
| HYDRAULICS TEMP. | 2200 | 3500 | 0.139 | -281.667 | 23.89 | 204.44 |

RCOR_HYDR PRIMARY CALIBRATION SUMMARY

TOOL #: 1823PC 10096547

DATE/TIME PERFORMED: Sat Oct 31 22:11:54 2009

UNIT #: 5753XA 10067203

| PRESSURES | LOW (mV) | HIGH (mV) | MULT (kPa/mV) | ADD (kPa) | LOW (kPa) | HIGH (kPa) |
|--------------------|-------------|--------------|------------------|--------------|--------------|---------------|
| AUXILIARY PRESSURE | 1752 | 2547 | 5.639 | -8501.229 | 1379 | 5860 |
| TORQUE PRESSURE | 935 | 1556 | 5.549 | -1739.226 | 3447 | 6895 |

RCOR PRIMARY CALIBRATION SUMMARY

TOOL #: 1823MB 10097492

DATE/TIME PERFORMED: Sat Oct 31 23:46:00 2009

UNIT #: 5753XA 10067203

| LOCK ARMS | CLOSED (mV) | OPEN (mV) | MULT (mm/mV) | ADD (mm) | CLOSED (mm) | OPEN (mm) |
|------------------|-----------------|-----------------|------------------|--------------|-----------------|-----------------|
| UPPER LOCK ARM | 250 | 2247 | 0.121 | 90.447 | 120.65 | 361.95 |
| LOWER LOCK ARM | 148 | 4213 | 0.062 | 102.096 | 111.25 | 361.95 |
| BIT BOX | CORE (mV) | EJECT (mV) | MULT (deg/mV) | ADD (deg) | CORE (deg) | EJECT (deg) |
| BIT BOX POSITION | 189 | 4121 | 0.023 | -4.331 | 0 | 90 |
| BIT & ROD | RETRACT (mV) | ADVANCE (mV) | MULT (mm/mV) | ADD (mm) | RETRACT (mm) | ADVANCE (mm) |
| BIT POSITION | 194 | 4188 | 0.013 | -8.884 | -6.3500 | 45.7200 |
| ROD POSITION | 59 | 4246 | 0.069 | -4.034 | 0.000 | 287.020 |



Baker Atlas

COMPANY
WELL
FIELD
PROVINCEVULCAN MINERALS INC.
VULCAN INVESTCAN RED BROOK #2
BAY ST.GEORGE BASIN
NEWFOUNDLAND AND LABRADOR

FILE NO:

API NO:

LOCATION:

BH LOC. LSD:

LAT 48.2679591667 LONG -58.7501141667

ELEVATIONS:

KB 63.4 M

DF

GL 57.1 M

DATE

26-NOV-2009

UID:

N/A

LICENSE:

ADW 2009-116-03