

P&A Surface Casing Check

| | | | | |
|--|-----------------------------|-------------------------|------------------|-----------|
| Date | 1/22/2021 | | | |
| Operator | Noble Energy inc | | | |
| Well Name | 123-14044-00 LILLI UNIT 6-1 | | | |
| Location | SENW 1 8N59W 6 PM | 40.691920 / -103.925720 | 3160FSL 3160 FEL | |
| Elevations: GL, TD-MD/TVD, PBTD-MD/TVD (ft) | 4826 | 6700 | 6670 | |
| Permit Formation | D, JSND | | | |
| Operator-Existing Surface Casing Depth (ft) | 345 | | | |
| Fox Hills Protection Area 5% Rule (ft) | 6700 | times .05 + 50 | 0.05 | 385 |
| Production within | 1 | mile(s), | D, CODL,NBRR | |
| Deepest Water Well w/in 1 mile, WW GL (ft) | 695 | | Number of Wells | 6 |
| Deepest Water Well w/in 2 miles, WW GL (ft) | 1170 | 4870 | Number of Wells | 20 |
| Deepest Water Well w/in 3 miles, WW GL (ft) | | | Number of Wells | |
| Deepest Water Well to consider, WW GL (ft) | 1170 | 4870 | | |
| Deepest Water Depth corrected for elevation,WW depth + (Local GL - WW GL) + 50' (ft) | 1170 | -44 | 50 | 1176 |
| Base of Fox Hills - SB5 (ft) | NA | | | |
| Base of Fox Hills - Cheyenne Basin (ft) | NA | | | |
| Base of Fox Hills - Log , GL (ft) | 450 | 4826 | API | 123-14044 |
| Upper Pierre base - Log, GL (ft) | 1490 | 4826 | API | 123-14044 |
| Operator Proposed/Existing Surface Casing Depth (ft) | 345 | | | 345 |
| Minimum Surface Casing Depth (ft) | 385 | | | 385 |
| Increase Permit Surface Casing Depth | from | | to | |
| Provide Remedial Cement | squeeze | 1500 | | |
| | shoe | 435-0 | | |

| API County | API Sequence | Location ID | Status | Well | Operator* | Qtr | Rtr | Section | Township | Range | Meridian | Lat | Long | Sidetrack | Formation | Top | Bottom | TD | Formation Status |
|------------|--------------|-------------|----------------------|-----------------------------------|-----------|-----|-----|---------|----------|-------|----------|-----------|-------------|-----------|-----------|------|--------|------|------------------|
| 123 | 13339 | 323665 PA | LILLI UNIT *15-5 | NOBLE ENERGY INC | SENW | 5 | 8 | N | S8W | 58W | 6 | 40.68582 | -103.88401 | 0 | DSND | 6356 | 6376 | 6530 | AB |
| 123 | 13434 | 323731 SI | LILLI UNIT *14-5 | NOBLE ENERGY INC | SESW | 5 | 8 | N | S8W | 58W | 6 | 40.68588 | -103.88851 | 0 | DSND | 6396 | 6402 | 6492 | SI |
| 123 | 13624 | 326762 PA | LILLI UNIT *12-5 | NOBLE ENERGY INC | NWSW | 5 | 8 | N | S8W | 58W | 6 | 40.68885 | -103.89423 | 0 | DSND | 6440 | 6447 | 6609 | AB |
| 123 | 13625 | 326763 SI | LILLI UNIT *4-8 | NOBLE ENERGY INC | NWNW | 8 | 8 | N | S8W | 58W | 6 | 40.68205 | -103.8927 | 0 | DSND | 6466 | 6476 | 6629 | SI |
| 123 | 13638 | 326772 SI | LILLI UNIT *2-8 | NOBLE ENERGY INC | NWNE | 8 | 8 | N | S8W | 58W | 6 | 40.6822 | -103.88411 | 0 | DSND | 6378 | 6382 | 6536 | SI |
| 123 | 13639 | 408308 DA | DOC RIM *6-8 | DIVERSIFIED OPERATING CORPORATION | SENW | 8 | 8 | N | S8W | 58W | 6 | 40.678575 | -103.888166 | | | | | | |
| 123 | 13640 | 408309 DA | FEDERAL PERRY *13-32 | DIVERSIFIED OPERATING CORPORATION | SWSW | 32 | 9N | | S8W | 58W | 6 | 40.701655 | -103.895026 | | | | | | |
| 123 | 13691 | 326799 SI | LILLI UNIT *16-6 | NOBLE ENERGY INC | SESE | 6 | 8 | N | S8W | 58W | 6 | 40.68567 | -103.89818 | 0 | DSND | 6455 | 6463 | 6625 | SI |
| 123 | 13824 | 327025 AL | RIM *12-6 | DIVERSIFIED OPERATING CORPORATION | NWSW | 6 | 8 | N | S8W | 58W | 6 | 40.688755 | -103.912097 | | | | | | |
| 123 | 13859 | 326917 PA | LILLI UNIT *16-5 | NOBLE ENERGY INC | SESE | 5 | 8 | N | S8W | 58W | 6 | 40.68598 | -103.87929 | 0 | DSND | 6336 | 6342 | 6500 | AB |
| 123 | 13861 | 326918 PA | LILLI UNIT *10-6 | NOBLE ENERGY INC | NWSE | 6 | 8 | N | S8W | 58W | 6 | 40.68906 | -103.90297 | 0 | DSND | 6477 | 6485 | 6620 | AB |
| 123 | 13863 | 408364 AL | PERRY *15-31 | DIVERSIFIED OPERATING CORPORATION | SWSE | 31 | 9N | | S8W | 58W | 6 | 40.701485 | -103.904407 | | | | | | |
| 123 | 13866 | 326922 PA | LILLI UNIT *2-12 | NOBLE ENERGY INC | NWNE | 12 | 8 | N | S9W | 59W | 6 | 40.68136 | -103.92176 | 0 | DSND | 6484 | 6492 | 6570 | AB |
| 123 | 13873 | 326927 PA | LILLI UNIT *10-7 | NOBLE ENERGY INC | NWSE | 7 | 8 | N | S8W | 58W | 6 | 40.67503 | -103.90363 | 0 | DSND | 6499 | 6502 | 6640 | AB |
| 123 | 13874 | 326928 TA | LILLI UNIT *6-12 | NOBLE ENERGY INC | SWSE | 12 | 8 | N | S9W | 59W | 6 | 40.67778 | -103.92658 | 0 | DSND | 6456 | 6464 | 6542 | AB |
| 123 | 13875 | 326929 PA | LILLI UNIT *6-8A | NOBLE ENERGY INC | SENW | 8 | 8 | N | S8W | 58W | 6 | 40.6794 | -103.88988 | 0 | DSND | 6420 | 6424 | 6590 | AB |
| 123 | 13893 | 326939 PA | LILLI UNIT *6-7 | NOBLE ENERGY INC | SENW | 7 | 8 | N | S8W | 58W | 6 | 40.67829 | -103.90749 | 0 | DSND | 6508 | 6534 | 6675 | AB |
| 123 | 13894 | 326940 SI | LILLI UNIT *4-7 | NOBLE ENERGY INC | NWNW | 7 | 8 | N | S8W | 58W | 6 | 40.68139 | -103.91221 | 0 | DSND | 6490 | 6500 | 6659 | SI |
| 123 | 13895 | 408372 DA | State *14-36 | CARRIZO NIOBRARA LLC | SESW | 36 | 9N | | S9W | 59W | 6 | 40.701475 | -103.928168 | | | | | | |
| 123 | 13899 | 408374 DA | FEDERAL LILLI *6-5 | DIVERSIFIED OPERATING CORPORATION | SENW | 5 | 8 | N | S8W | 58W | 6 | 40.693155 | -103.888426 | | | | | | |
| 123 | 13900 | 326943 SI | LILLI UNIT *8-6 | NOBLE ENERGY INC | SENE | 6 | 8 | N | S8W | 58W | 6 | 40.69323 | -103.89799 | 0 | DSND | 6466 | 6473 | 6630 | SI |
| 123 | 13901 | 326944 PA | LILLI UNIT *2-7 | NOBLE ENERGY INC | NWNE | 7 | 8 | N | S8W | 58W | 6 | 40.6818 | -103.90297 | 0 | DSND | 6486 | 6496 | 6610 | AB |
| 123 | 13911 | 326953 SI | LILLI UNIT *8-7 | NOBLE ENERGY INC | SENE | 7 | 8 | N | S8W | 58W | 6 | 40.67894 | -103.89897 | 0 | DSND | 6442 | 6452 | 6580 | SI |
| 123 | 13926 | 408379 DA | KREIFELS *12-8 | DIVERSIFIED OPERATING CORPORATION | NWSW | 8 | 8 | N | | | | | | | | | | | |

1170 1086 1170 ft
20 wells 2 mi

Interactive Map Selected Items Report
0 Oil and Gas Records, 20 Water Well Records

Water Wells within Map Selection

| Receipt | Permit | Water Well | Quarter | Section | Township | Range | Depth | Top Perf | Bottom Perf | Aquifer |
|----------|-----------------|------------------------------------|---------|---------|----------|--------|-------|----------|-------------|----------------------|
| | 9063904 37082- | US FOREST SERVICE | NESW | 18 | 8.0 N | 58.0 W | | | | ALL UNNAMED AQUIFERS |
| | 3645849 283403- | BRINGELSON RANCH LLC | SWSW | 4 | 8.0 N | 58.0 W | 100 | 60 | 100 | ALL UNNAMED AQUIFERS |
| | 3645848 283386- | BRINGELSON RANCH LLC | SESE | 5 | 8.0 N | 58.0 W | 100 | 50 | 100 | ALL UNNAMED AQUIFERS |
| | 9063902 37080- | US FOREST SERVICE & ROOSEVELT N F | SESW | 6 | 8.0 N | 58.0 W | | | | ALL UNNAMED AQUIFERS |
| | 9063903 37081- | US FOREST SERVICE | NWSE | 9 | 8.0 N | 58.0 W | | | | ALL UNNAMED AQUIFERS |
| 0018787B | 163306- | US FOREST SERVICE | NWSW | 9 | 8.0 N | 58.0 W | 100 | 38 | 100 | WASATCH |
| | 9063905 37083- | US FOREST SERVICE & ROOSEVELT N F | NWSW | 1 | 8.0 N | 59.0 W | | | | ALL UNNAMED AQUIFERS |
| | 9061014 12044- | US FOREST SERVICE & ROOSEVELT N F | SWNW | 1 | 8.0 N | 59.0 W | | | | ALL UNNAMED AQUIFERS |
| C620564 | 564-WCB | US GOVERNMENT (PAWNEE BUTTES) | SENW | 11 | 8.0 N | 59.0 W | 115 | | | ALL UNNAMED AQUIFERS |
| | 9061028 12078- | BOWMAN, HARRY | SWSW | 11 | 8.0 N | 59.0 W | | | | ALL UNNAMED AQUIFERS |
| 3645764E | 283719- | CASTOR WADE E & DELAND TODD CASTOR | SWNE | 12 | 8.0 N | 59.0 W | 120 | | | ALL UNNAMED AQUIFERS |
| | 9063906 37084- | US FOREST SERVICE | NWSW | 2 | 8.0 N | 59.0 W | | | | ALL UNNAMED AQUIFERS |
| | 286367 150978- | US FOREST SERVICE | NESW | 3 | 8.0 N | 59.0 W | 180 | 60 | 180 | ALL UNNAMED AQUIFERS |
| | 459606 226830- | US FOREST SERVICE | SESE | 30 | 9.0 N | 58.0 W | 1170 | 1086 | 1170 | ALL UNNAMED AQUIFERS |
| | 9063976 37154- | US FOREST SERVICE | SENE | 31 | 9.0 N | 58.0 W | | | | ALL UNNAMED AQUIFERS |
| | 9063501 30395- | US FOREST SERVICE | SESE | 31 | 9.0 N | 58.0 W | 695 | 671 | 695 | ALL UNNAMED AQUIFERS |
| 0312482A | 8040-A | MCCAFFREY, FRANCIS L | SESW | 25 | 9.0 N | 59.0 W | | | | LARAMIE FOX HILLS |
| | 9059924 8040- | MCCAFFREY, FRANCIS | SESW | 25 | 9.0 N | 59.0 W | 232 | 170 | 230 | ALL UNNAMED AQUIFERS |
| 0288648B | 151472- | CASTOR WADE E & DELAND TODD | NESE | 34 | 9.0 N | 59.0 W | 125 | 80 | 120 | ALL UNNAMED AQUIFERS |
| 3648257A | 284725- | CASTOR WADE E & DELAND TODD CASTOR | SESE | 36 | 9.0 N | 59.0 W | 140 | | | ALL UNNAMED AQUIFERS |

| Top Depth | Base Depth | Top Elevati | Base Elevat | Net Sand T | Comments |
|-----------|------------|-------------|-------------|------------|-----------------------------------|
| 0 | 335 | 4743 | 4408 | | FOX HILLS SANDSTONE GEOLOGIC PICK |
| 335 | 670 | 4408 | 4073 | | |
| 670 | 1375 | | | | |

[illegible]

Fold Here

[illegible]

| SP | | RPP GUARD | | 18 | | TENSION | |
|---------|-----|-----------|---|----------|----|---------|------|
| -320C + | | DEEP | | OHR-N | | POUNDS | |
| GMPH | | GUARD | | CONDUCT. | | | |
| B | RP1 | 288 | B | OHR-N | 50 | 1000 | 1990 |
| | | | | | | | |
| | | | | | | | |

FH base

[UP top](#)

[illegible]

The wall name, location and borehole reference data were furnished by the customer.

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and we do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretations made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set forth in our current Price Schedule.

| | |
|---|--------------|
| Year Run | 1986 |
| Service Order No. | 803193 |
| Customer Field Name | 10.0 F |
| Quantity | 800.0 PPM |
| Name & Title | 2 EA-04040 |
| Name & Title | 100.4 On-Air |
| Location Number | 8000.0 FWH |
| REPAIRABILITY DATA | |
| Year Number 1 | RM-BD 1033 |
| Year Number 2 | DAC-DIA 7044 |
| Year Number 3 | DIE-CA 301 |
| Year Number 4 | |
| Year Number 5 | |
| Year Number 6 | |
| Year Number 7 | |
| Year Number 8 | |
| Year Number 9 | |
| Year Number 10 | |
| Year Number 11 | |
| Year Number 12 | |
| Remarks: | |
| 1E' RUBBER STAND-OFF RAN ON DEL. | |
| TIGHT HOLE | |
| RIGID CLAMP #12 | |
| WASHER #2 & NUTTING | |

AFTER SURVEY TOOL CHECK SUMMARY

PERFORMED: 20-SEP-88 21:53
PROGRAM FILE: ISN (VERSION 30.4 88/04/20 87/11/19)

| DITD | TOOL | | CHECK | | PLUS | AFTER | UNITS | |
|------------------------------|--------|-------|--------|-----------|-------|-------|-----------|-------|
| | BEFORE | AFTER | BEFORE | AFTER | | | | |
| ILD | 0.0 | .1 | 501.2 | 501.6 | | | MHMD | |
| ILM | 0.0 | .1 | 501.2 | 497.4 | | | MHMD | |
| SFL | 0.0 | .1 | 500.0 | 498.6 | | | MHMD | |
| ILD SMDSE ERROR CORRECTION : | | | 4.1 | MHMD | | | | |
| ILM SMDSE ERROR CORRECTION : | | | 5.2 | MHMD | | | | |
| AFTER SURVEY: | | | ZERO: | 20-SEP-88 | 21:05 | PLUS: | 20-SEP-88 | 21:07 |
| AFTER SURVEY CHECK: | | | ZERO: | 20-SEP-88 | 21:06 | PLUS: | 20-SEP-88 | 21:10 |

| | | | | |
|---------|--------|------------|--|----------------|
| | | JLP (OHMM) | | 50.000 |
| | | SFLA(OHMM) | | 10.000 |
| | | SFLA(OHMM) | | 50.000 100000. |
| SP (MV) | | CILA(OHMM) | | 2000.0 |
| -160.0 | 40.000 | | | |

CP 30.4 FILE 4 20-SEP-80 21:51

SP

CSG

300

400

500

600

700

800

Tension

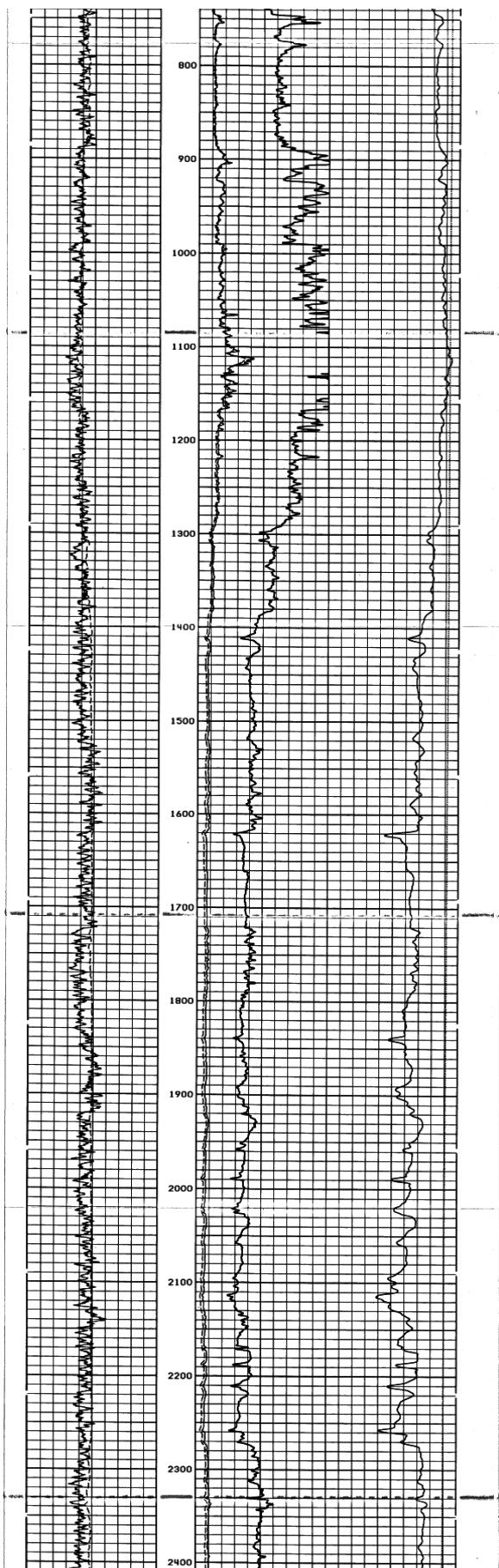
Conductivity

AWG SFL Avg

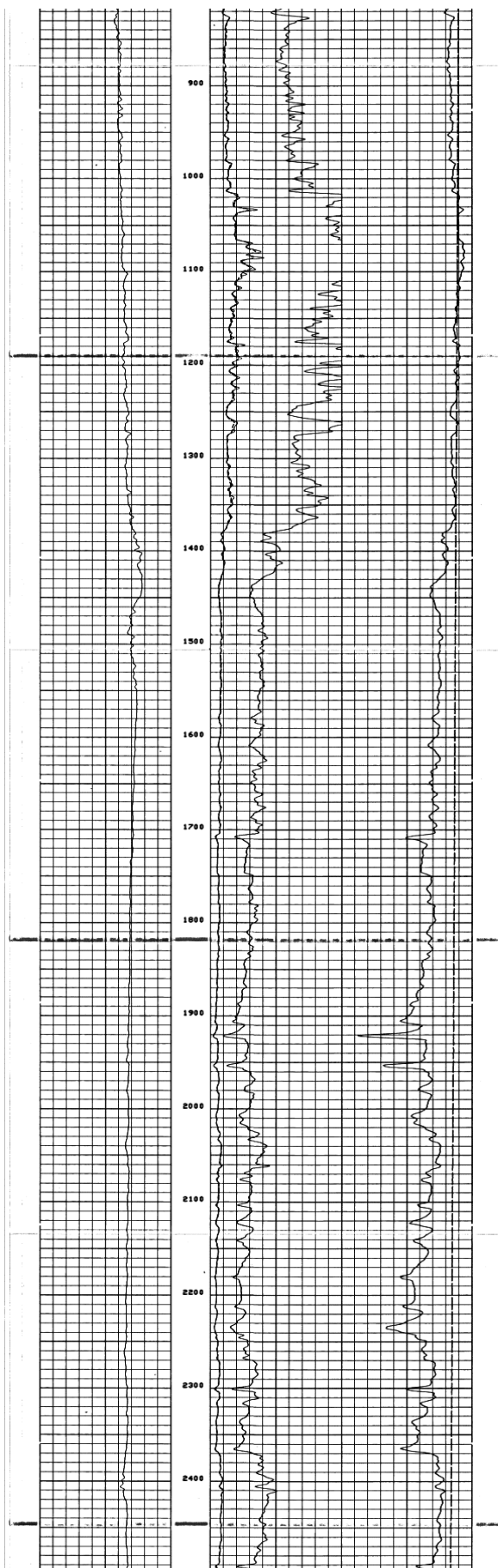
R/LD

SFL A/B

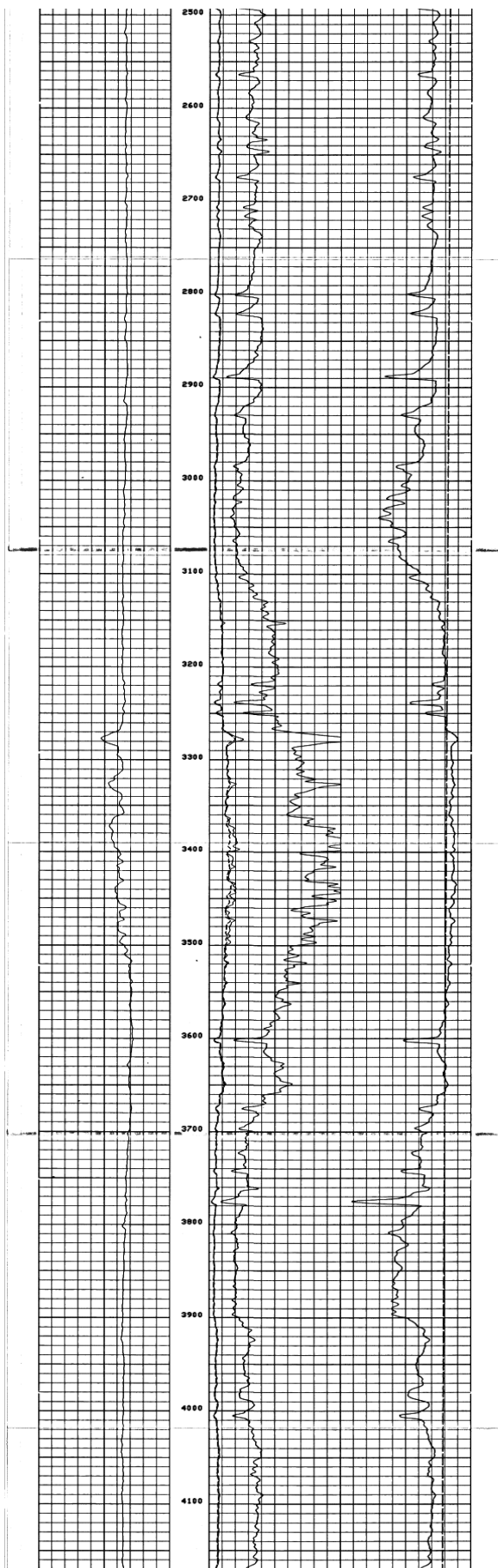
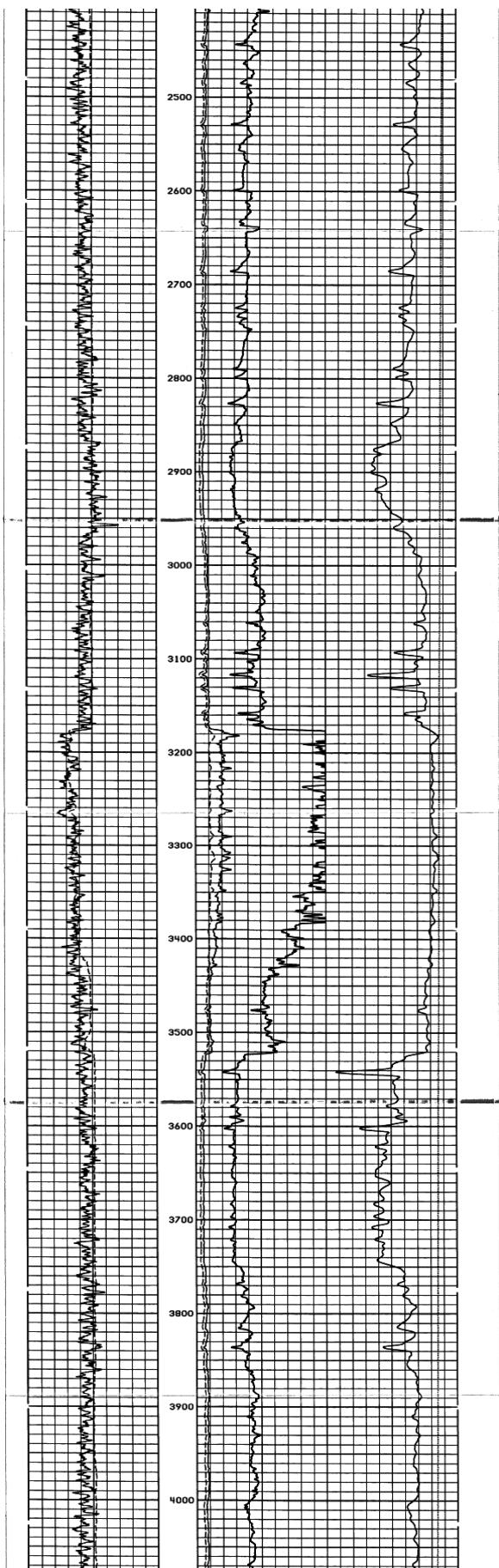
Fh base

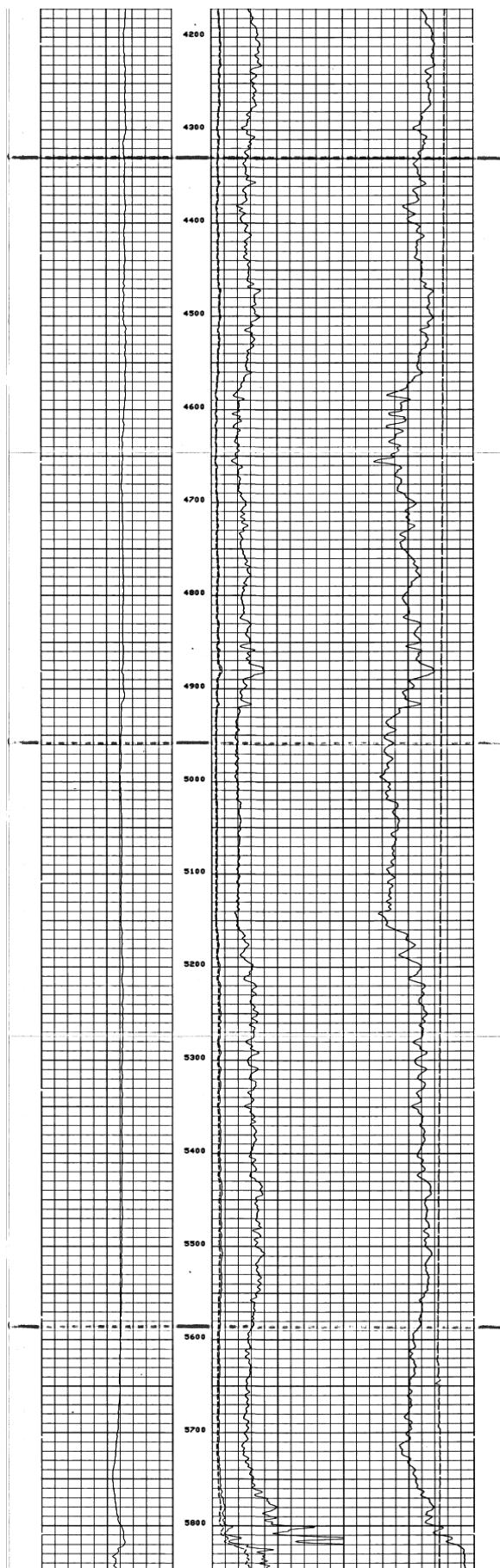
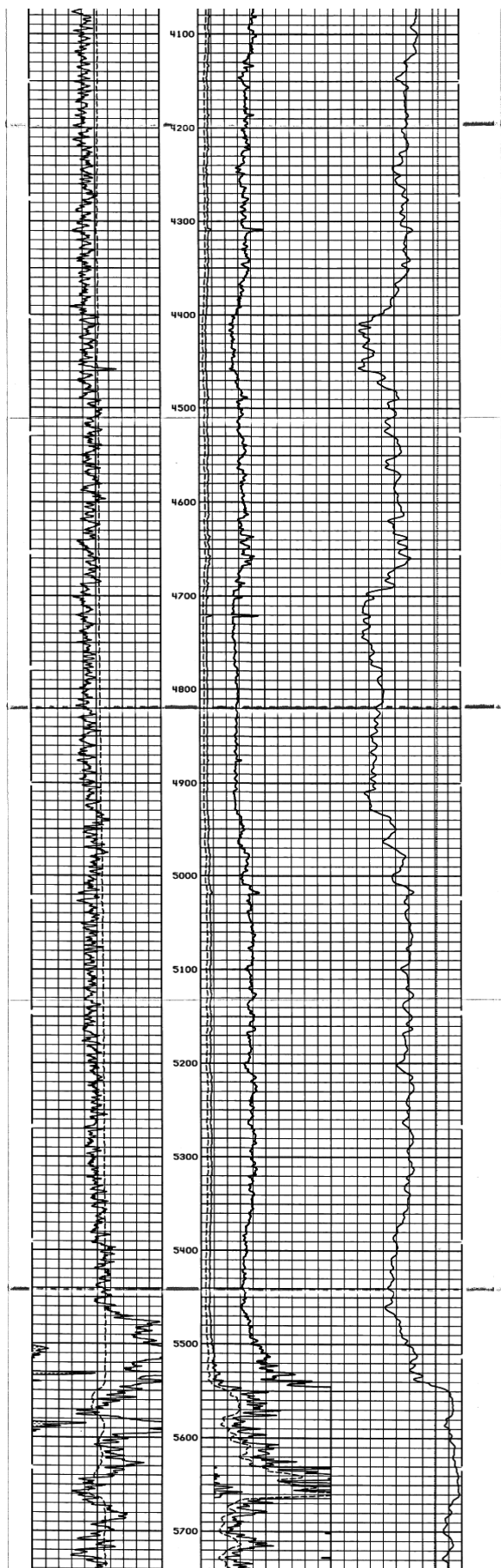


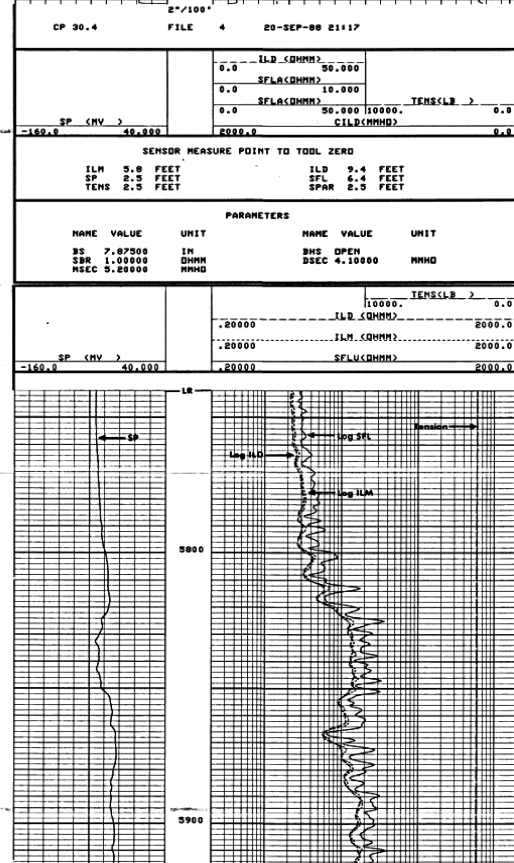
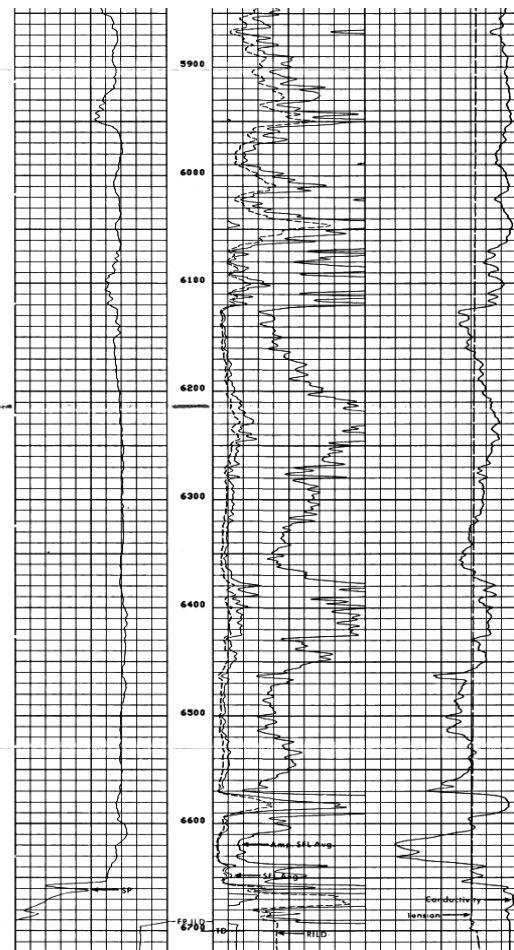
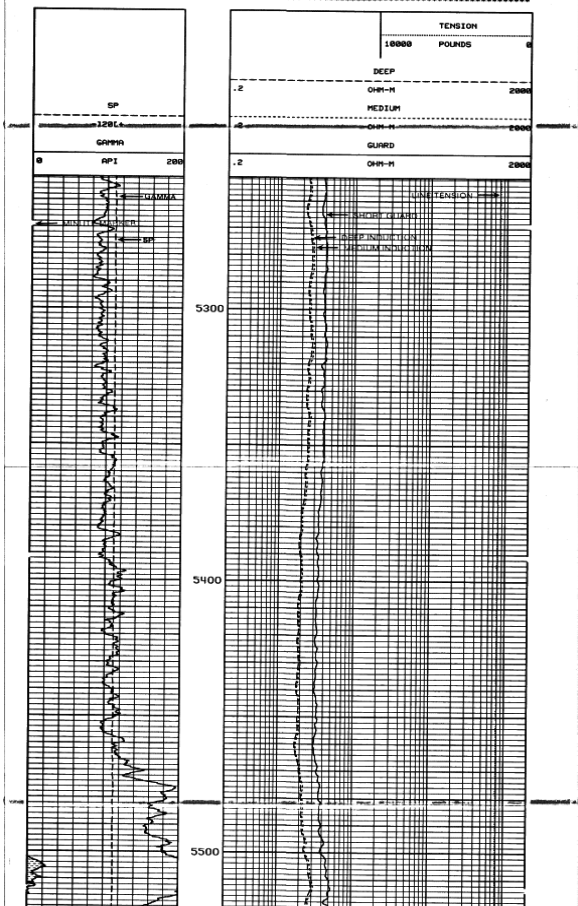
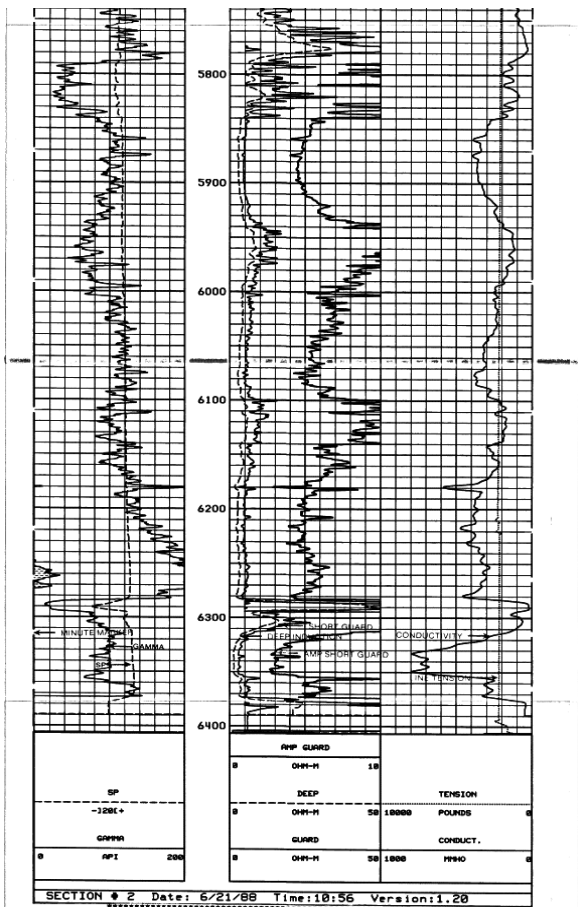
UP base

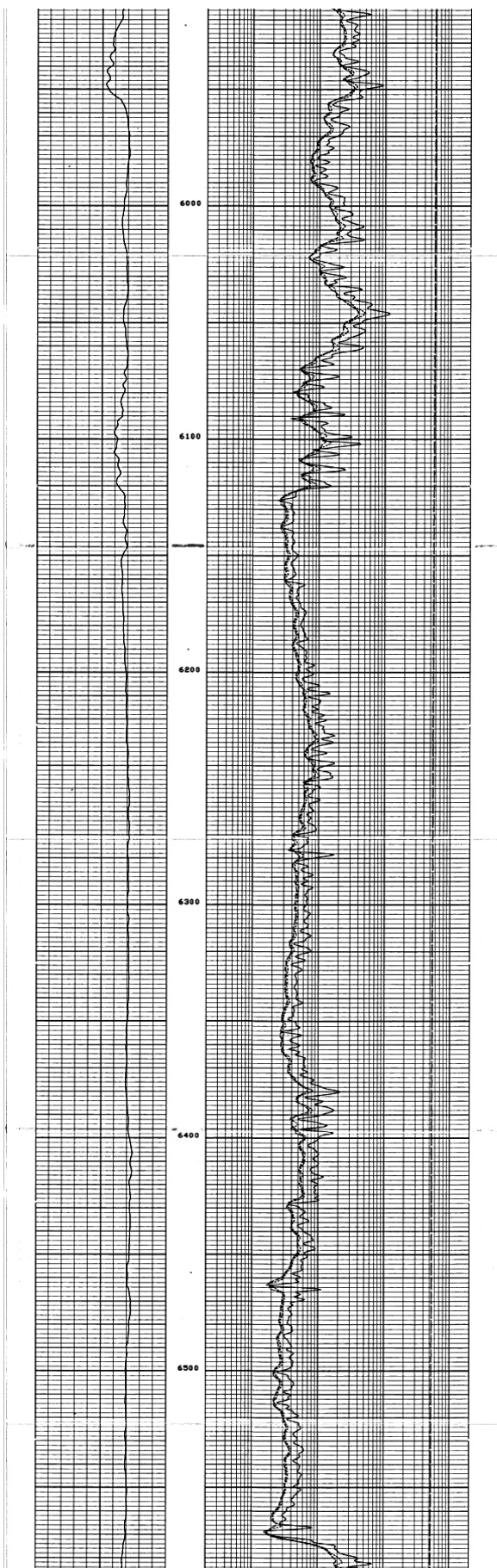
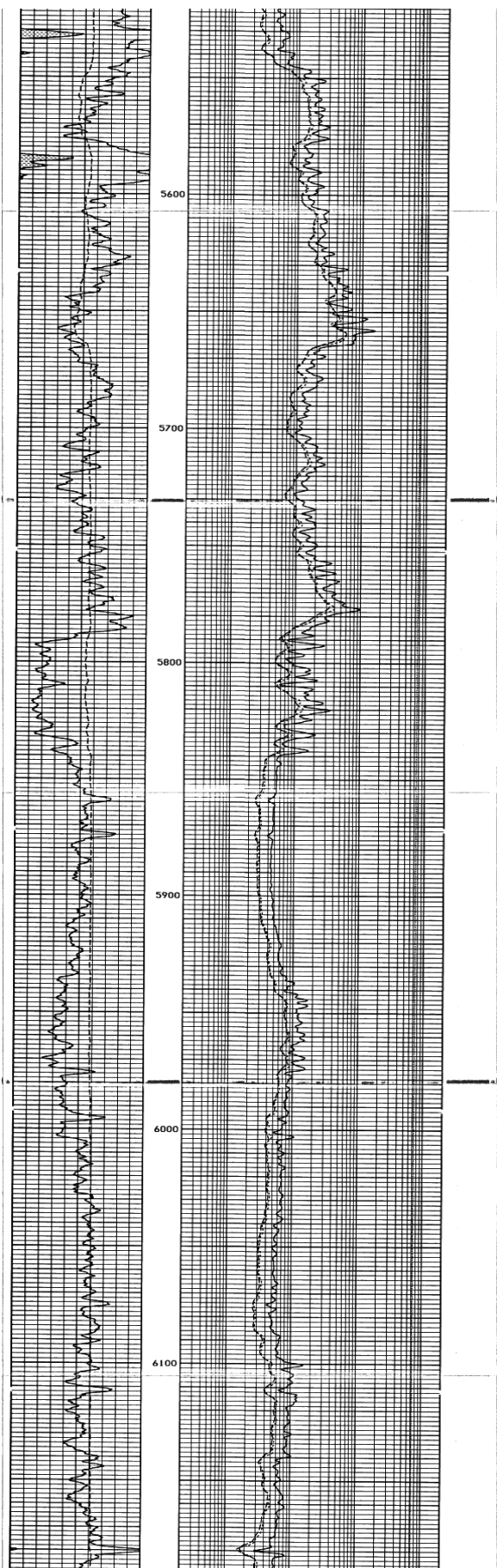


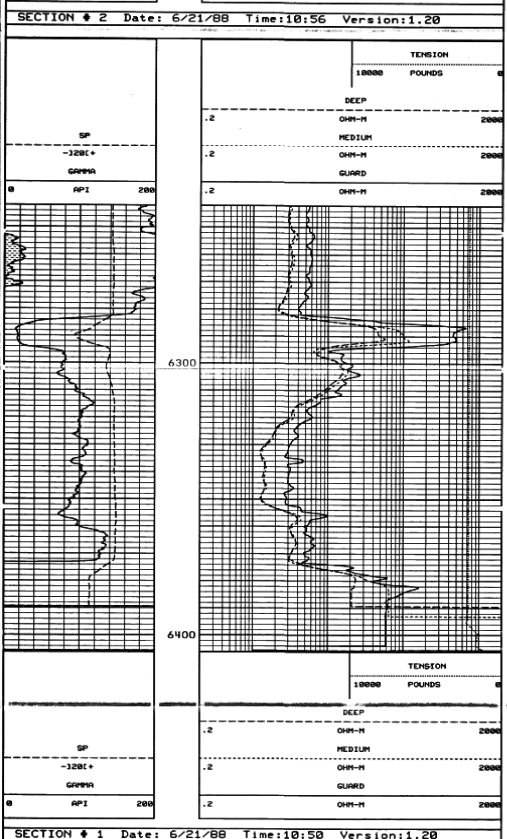
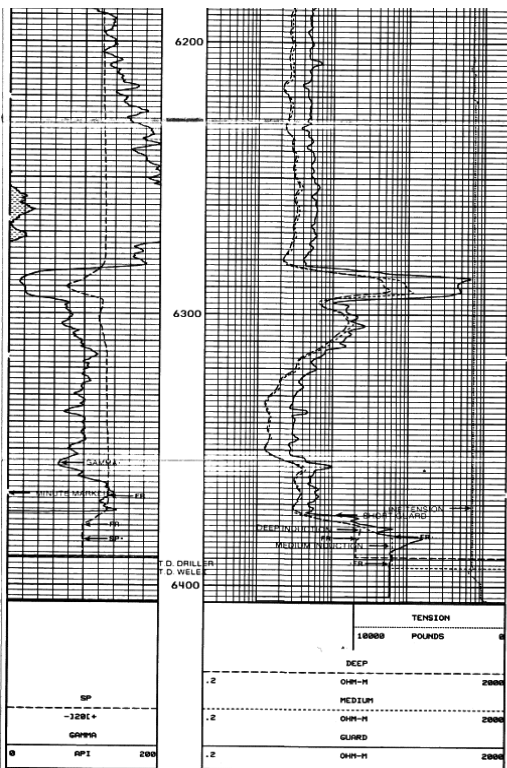
UP baase











SECTION # 2 Date: 6/21/88 Time: 10:56 Version: 1.20

SP BEFORE SURVEY FIELD CHECK SUMMARY

PERFORMED: 18:00:44 06/07/88 LAST SHOP CALIBRATION: 14:46:43 05/03/88

SERIAL NUMBER: 200V PROGRAM VERSION: 1.20

MODEL: 4100

PERFORMED BY: BH

| MEASURED | CALIBRATED | UNITS |
|--------------|------------|--------------------|
| SP ZERO | -267 | 0.000 MILLIVOLTS |
| SP CALIBRATE | 199.576 | 200.000 MILLIVOLTS |

SP BEFORE SURVEY FIELD CHECK SUMMARY

PERFORMED: 18:26:25 06/21/88 LAST SHOP CALIBRATION: 18:00:44 06/07/88

SERIAL NUMBER: 200V PROGRAM VERSION: 1.20

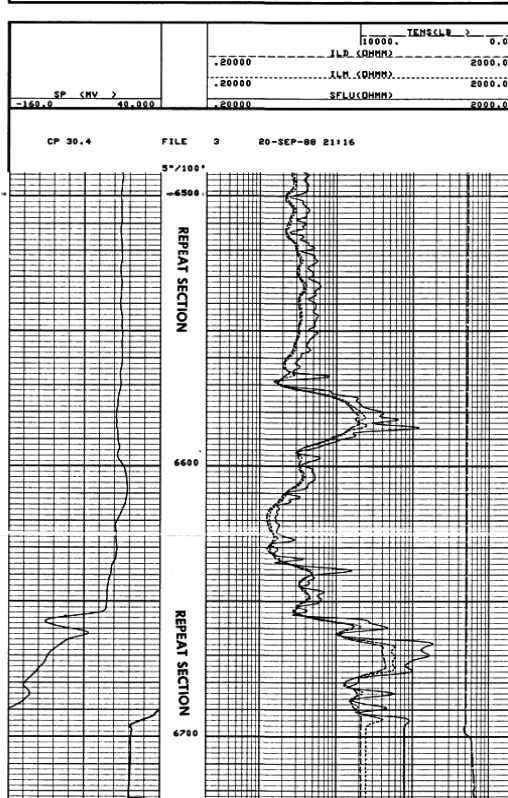
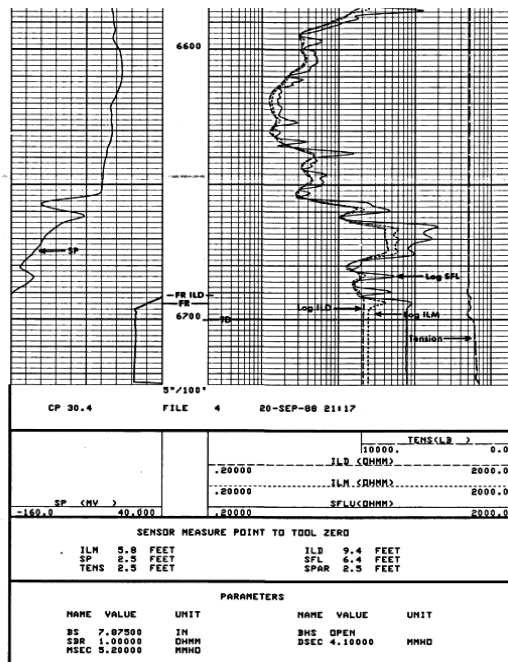
MODEL: 4100

PERFORMED BY: BH

| MEASURED | CALIBRATED | UNITS |
|--------------|------------|--------------------|
| SP ZERO | -549 | 0.000 MILLIVOLTS |
| SP CALIBRATE | 199.912 | 200.000 MILLIVOLTS |

SP AFTER SURVEY FIELD CHECK SUMMARY

PERFORMED: 11:50:42 06/21/88 LAST SHOP CALIBRATION: 18:00:44 06/07/88



SECTION # 3 Date: 6/21/88 Time: 10:50 Version: 1.20

SP BEFORE SURVEY FIELD CHECK SUMMARY

PERFORMED: 18:00:44 06/07/88 LAST SHOP CALIBRATION: 14:46:43 05/03/88

SERIAL NUMBER: 200V PROGRAM VERSION: 1.20

MODEL: 4100

PERFORMED BY: BH

| MEASURED | CALIBRATED | UNITS |
|--------------|------------|--------------------|
| SP ZERO | -267 | 0.000 MILLIVOLTS |
| SP CALIBRATE | 199.576 | 200.000 MILLIVOLTS |

SP BEFORE SURVEY FIELD CHECK SUMMARY

PERFORMED: 18:26:25 06/21/88 LAST SHOP CALIBRATION: 18:00:44 06/07/88

SERIAL NUMBER: 200V PROGRAM VERSION: 1.20

MODEL: 4100

PERFORMED BY: BH

| MEASURED | CALIBRATED | UNITS |
|--------------|------------|--------------------|
| SP ZERO | -549 | 0.000 MILLIVOLTS |
| SP CALIBRATE | 199.912 | 200.000 MILLIVOLTS |

SP AFTER SURVEY FIELD CHECK SUMMARY

PERFORMED: 11:50:42 06/21/88 LAST SHOP CALIBRATION: 18:00:44 06/07/88

| | BEFORE | AFTER | UNITS |
|--------------|---------|---------|------------|
| SP ZERO | .000 | -1.400 | MILLIVOLTS |
| SP CALIBRATE | 200.000 | 199.700 | MILLIVOLTS |

 SHORT GUARD/NORMAL SHOP CALIBRATION SUMMARY
 PERFORMED: 09:50:30 06/07/08 LAST SHOP CALIBRATION: 10:49:51 05/04/08
 SERIAL NUMBER: 180809 PROGRAM VERSION: 1.20
 MODEL: #411
 PERFORMED BY: BH

| | MEASURED | CALIBRATED | UNITS |
|--------------------|----------|------------|-------|
| EXT. CAL. POINT #1 | .100 | .199 | OHM-N |
| EXT. CAL. POINT #2 | 20.007 | 20.000 | OHM-N |
| EXT. CAL. POINT #3 | 1970.584 | 2000.000 | OHM-N |
| INTERNAL REFERENCE | 20.039 | 20.030 | OHM-N |

 SHORT GUARD BEFORE SURVEY FIELD CHECK SUMMARY
 PERFORMED: 10:30:02 06/21/08 LAST SHOP CALIBRATION: 09:50:32 06/07/08

| | SHOP | FIELD | UNITS |
|--------------------|--------|--------|-------|
| INTERNAL REFERENCE | 20.030 | 20.013 | OHM-N |

 SHORT GUARD AFTER SURVEY FIELD CHECK SUMMARY
 PERFORMED: 11:51:59 06/21/08 LAST SHOP CALIBRATION: 09:50:32 06/07/08

| | BEFORE | AFTER | UNITS |
|--------------------|--------|--------|-------|
| INTERNAL REFERENCE | 20.013 | 20.004 | OHM-N |

 DUAL INDUCTION SHOP CALIBRATION SUMMARY
 PERFORMED: 09:49:43 06/07/08 LAST SHOP CALIBRATION: 13:30:06 05/23/08
 SERIAL NUMBER: 180737 PROGRAM VERSION: 1.20
 MODEL: #416
 PERFORMED BY: BH

| | DEEP INDUCTION | MEDIUM INDUCTION | UNITS |
|--------------------|----------------|------------------|-------|
| TOOL ZERO | MEASURED | CALIBRATED | |
| INTERNAL REFERENCE | MEASURED | CALIBRATED | |
| WHEEL | MEASURED | CALIBRATED | |
| WHEEL BASE | MEASURED | CALIBRATED | |

 DUAL INDUCTION BEFORE SURVEY FIELD CHECK SUMMARY
 PERFORMED: 10:34:14 06/21/08 LAST SHOP CALIBRATION: 09:49:43 06/07/08

| | DEEP INDUCTION | MEDIUM INDUCTION | UNITS |
|--------------------|----------------|------------------|-------|
| TOOL ZERO | SHOP | FIELD | |
| INTERNAL REFERENCE | SHOP | FIELD | |
| WHEEL BASE | SHOP | FIELD | |

 DUAL INDUCTION AFTER SURVEY FIELD CHECK SUMMARY
 PERFORMED: 11:53:15 06/21/08 LAST SHOP CALIBRATION: 09:49:43 06/07/08

| | DEEP INDUCTION | MEDIUM INDUCTION | UNITS |
|--------------------|----------------|------------------|-------|
| TOOL ZERO | BEFORE | AFTER | |
| INTERNAL REFERENCE | BEFORE | AFTER | |
| WHEEL BASE | BEFORE | AFTER | |

 TENSION SHOP CALIBRATION SUMMARY
 PERFORMED: 13:49:00 06/15/08 LAST SHOP CALIBRATION: 05:51:20 05/06/08
 SERIAL NUMBER: 180800 PROGRAM VERSION: 1.20

MELEX CALIBRATION SUMMARY TABLE

| SERVICE or SIGNAL | SHOP | BEFORE | AFTER | CHANGE | TOLERANCE |
|-------------------|---------|---------|---------|--------|-----------|
| SP ZERO | .000 | .000 | -1.400 | 1.400 | +/- 5 |
| SP CALIBRATE | 200.000 | 200.000 | 199.700 | .291 | +/- 5 |
| GUARD | 20.030 | 20.013 | 20.004 | .009 | +/- .00 |
| DEEP INDUCTION | 511.676 | 511.727 | 514.844 | -2.317 | +/- .20 |
| MEDIUM INDUCTION | 404.764 | 400.270 | 400.900 | -.621 | +/- .20 |

DITS ELECTRONICS CALIBRATION SUMMARY

| | MEASURED | CALIBRATED | UNITS |
|----------|----------|------------|-------|
| ILD ZERO | PLUS | ZERO | |
| ILM | PLUS | PLUS | |
| SFL | PLUS | PLUS | |

ILD SONDE ERROR CORRECTION : 4.1 MMHD
 ILM SONDE ERROR CORRECTION : 0.2 MMHD

ZERO: 02-SEP-00 21:06 PLUS: 02-SEP-00 21:07 COMP: 02-SEP-00 21:07

CP 30.4 FILE 0 02-SEP-00 21:07

 SHOP SUMMARY
 PERFORMED: 02-SEP-00 08:33
 PROGRAM FILE: SHOP (VERSION 30.4 08/05/11 07/11/19)

DITS ELECTRONICS CALIBRATION SUMMARY

| | MEASURED | CALIBRATED | TOOL CHECK | UNITS |
|----------|----------|------------|------------|-------|
| ILD ZERO | PLUS | ZERO | PLUS | |
| ILM | PLUS | PLUS | PLUS | |
| SFL | PLUS | PLUS | PLUS | |

ILD SONDE ERROR CORRECTION : 4.1 MMHD
 ILM SONDE ERROR CORRECTION : 0.2 MMHD

(151391 + 101094)

 BEFORE SURVEY CALIBRATION SUMMARY
 PERFORMED: 02-SEP-00 08:46
 PROGRAM FILE: ISH (VERSION 30.4 08/04/20 07/11/19)

DITS ELECTRONICS CALIBRATION SUMMARY

| | MEASURED | CALIBRATED | UNITS |
|----------|----------|------------|-------|
| ILD ZERO | PLUS | ZERO | |
| ILM | PLUS | PLUS | |
| SFL | PLUS | PLUS | |

ILD SONDE ERROR CORRECTION : 4.1 MMHD
 ILM SONDE ERROR CORRECTION : 0.2 MMHD

ZERO: 02-SEP-00 08:42 PLUS: 02-SEP-00 08:42 COMP: 02-SEP-00 08:42

CP 30.4 FILE 1 02-SEP-00 08:46