Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1244679

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| OPERATOR: License # | API No. 15 |
|---|---|
| Name: | Spot Description: |
| Address 1: | Sec TwpS. R East West |
| Address 2: | Feet from Dorth / South Line of Section |
| City: State: Zip: | + Feet from Deast / Dest Line of Section |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: |
| Phone: () | |
| CONTRACTOR: License # | |
| Name: | (e.g. xx.xxxxx) (e.gxxx.xxxxx) |
| Wellsite Geologist: | Datum: NAD27 NAD83 WGS84 |
| Purchaser: | County: |
| Designate Type of Completion: | Lease Name: Well #: |
| New Well Re-Entry | Field Name: |
| | Producing Formation: |
| ☐ Oil ☐ WSW ☐ SWD □ Gas □ D&A □ ENHR | SIGW Elevation: Ground: Kelly Bushing: |
| | Total Vertical Depth: Plug Back Total Depth: |
| CM (Coal Bed Methane) | Amount of Surface Pipe Set and Cemented at: Feel |
| Cathodic Other (Core, Expl., etc.): | Multiple Stage Cementing Collar Used? Yes No |
| If Workover/Re-entry: Old Well Info as follows: | If yes, show depth set: Feet |
| Operator: | If Alternate II completion, cement circulated from: |
| Well Name: | feet depth to:w/sx cmt |
| Original Comp. Date: Original Total D | |
| Deepening Re-perf. Conv. to ENHR | Conv. to SWD Drilling Fluid Management Plan |
| Plug Back Conv. to GSW | Conv. to Producer (Data must be collected from the Reserve Pit) |
| | Chloride content: ppm Fluid volume: bbls |
| Commingled Permit #: | Dewatering method used: |
| Dual Completion Permit #: | |
| | Location of fluid disposal if hauled offsite: |
| | Operator Name: |
| | Lease Name: License #: |
| Soud Date or Date Reached TD Co | QuarterSecTwpS. R East West |
| | mpletion Date or County: Permit #: |
| | |

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

| KCC Office Use ONLY | | | | | | | |
|---------------------------------|--|--|--|--|--|--|--|
| Confidentiality Requested | | | | | | | |
| Date: | | | | | | | |
| Confidential Release Date: | | | | | | | |
| Wireline Log Received | | | | | | | |
| Geologist Report Received | | | | | | | |
| UIC Distribution | | | | | | | |
| ALT I II III Approved by: Date: | | | | | | | |

| | i ugo into | 1244679 | | | | |
|-----------------------|------------------|---------|--|--|--|--|
| Operator Name: | Lease Name: Well | l #: | | | | |
| Sec TwpS. R East West | County: | | | | | |

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

| Drill Stem Tests Taken Yes No (Attach Additional Sheets) | | Yes No | | Log Formatic | on (Top), Depth an | d Datum | Sample |
|--|------------------------|-----------------------------------|----------------------|-----------------------------------|--------------------|------------------|-------------------------------|
| Samples Sent to Geolog | , | Yes No | Nar | me | | Тор | Datum |
| Cores Taken Electric Log Run | | Yes No | | | | | |
| List All E. Logs Run: | | | | | | | |
| | | | | | | | |
| | | CASING Report all strings set- | | New Used Itermediate, producti | on, etc. | | |
| Purpose of String | | | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | ADDITIONAL | CEMENTING / SC | UEEZE RECORD | | | |
| Purpose: Perforate | Depth Top Bottom | Type of Cement | # Sacks Used | | Type and Pe | ercent Additives | |
| Protect Casing Plug Back TD | | | | | | | |
| Plug Off Zone | | | | | | | |
| Did you perform a hydraulic | fracturing treatment o | on this well? | | Yes | No (If No, ski | o questions 2 an | d 3) |

| Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? |
|---|
| Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? |

| 140 | () |
|-----|----|
| No | (1 |

Yes

Yes

(If No, skip question 3)

No (If No, fill out Page Three of the ACO-1)

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | | | | | e | ŀ | Acid, Fracture, Shot, Ce (Amount and Kind | ement Squeeze Record of Material Used) | Depth |
|---|---|---------------|-------------------|----------------------------------|--------|----------|------------------------------|--|---|---------|
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD: | Siz | ze: | Set At: | | Packer | At: | Liner R | | No | |
| Date of First, Resumed Production, SWD or ENHR. | | ł. | Producing Method: | | ping | Gas Lift | Other (Explain) | | | |
| Estimated Production Per 24 Hours | | Oil Bb | ls. | Gas | Mcf | Wate | er | Bbls. | Gas-Oil Ratio | Gravity |
| | | | | | | | | | | |
| DISPOSITION OF GAS: | | | | | | _ | PRODUCTION IN | TERVAL: | | |
| Vented Solo | J 🗌 | Jsed on Lease | | Open Hole Perf. Dually (Submit A | | | Commingled (Submit ACO-4) | | | |
| (If vented, Su | bmit ACO | D-18.) | | Other <i>(Specify)</i> | | | , | | | |

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

WELL

WELL COMPLETION FORM

| HISTORY - DESCRIPTION OF WELL & LEASE | |
|--|--|
|--|--|

| OPERATOR: License # 34811 | API No. 15 - 015-24031-00-00 |
|--|--|
| Name: Kansas Petroleum Resources, LLC | Spot Description: |
| Address 1: 200 E. 1st Street suite 307 | <u>NW_SW_NW_Sec. 18</u> Twp. 23 S. R. 4 East West |
| Address 2: | 1,650 Feet from 🗹 North / 🗌 South Line of Section |
| City: <u>Wichita</u> State: <u>KS</u> Zip: <u>67202</u> + | Feet from East / 🗹 West Line of Section |
| Contact Person: Rod Andersen | Footages Calculated from Nearest Outside Section Corner: |
| Phone: (<u>316</u>) 204-3359 | □ NE ✓ NW □ SE □ SW |
| CONTRACTOR: License #_ 33793 | GPS Location: Lat:, Long: |
| Name: H 2 Drilling | (e.g. xx.xxxxx) (e.gxxx.xxxxx) |
| Wellsite Geologist: Rod Andersen | Datum: NAD27 NAD83 WGS84 |
| Purchaser: | County: Butler |
| Designate Type of Completion: | Lease Name: Ensz Well #: 1 |
| ✓ New Well Re-Entry Workover | Field Name: Paulson |
| | Producing Formation: Mississippian |
| | Elevation: Ground: 1446 Kelly Bushing: 1436 |
| Gas D&A ENHR SIGW | Total Vertical Depth: 2900 Plug Back Total Depth: 2750 |
| CM (Coal Bed Methane) | Amount of Surface Pipe Set and Cemented at: 220 Feet |
| Cathodic Other (Core, Expl., etc.): | Multiple Stage Cementing Collar Used? |
| If Workover/Re-entry: Old Well Info as follows: | If yes, show depth set: Feet |
| Operator: | If Alternate II completion, cement circulated from: |
| Well Name: | feet depth to:w/sx cmt. |
| Original Comp. Date: Original Total Depth: | |
| Deepening Re-perf. Conv. to ENHR Conv. to SWD | Drilling Fluid Management Plan |
| Plug Back Conv. to GSW Conv. to Producer | (Data must be collected from the Reserve Pit) |
| | Chloride content: ppm Fluid volume: bbls |
| Commingled Permit #: Dual Completion Permit #: | Dewatering method used: evaporate and fill |
| Dual Completion Permit #: SWD Permit #: | Location of fluid dianoool if hould officiat |
| ENHR Permit #: | Location of fluid disposal if hauled offsite: |
| GSW Permit #: | Operator Name: |
| | Lease Name: License #: |
| Spud Date or Date Reached TD Completion Date or | Quarter Sec TwpS. R East 🗌 West |
| Recompletion Date Reached TD Completion Date or Recompletion Date or Rec | County: Permit #: |
| | |

INSTRUCTIONS: The original form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. If confidentiality is requested and approved, side two of this form will be held confidential for a period of 2 years. Rules 82-3-130, 82-3-106 and 82-3-107 apply. Drill Stem Test, Cement Tickets and Geological Well Report must be attached.

| AFFIDAVIT | KCC Office Use ONLY |
|---|--|
| I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge. | Confidentiality Requested Date: Confidential Release Date: Vireline Log Received |
| Signature: | Geologist Report Received |
| Title: Date: | UIC Distribution ALT I II III Approved by: Date: |

Page Two

| Operator Name: Kansas Petroleum Resources, LLC | Lease Name: | Well #: |
|--|----------------|---------|
| Sec. <u>18</u> Twp 2 S. R. ⁴ East West | County: Butler | - |

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

| Drill Stem Tests Taken (Attach Additional She | efs) | ✓ Yes | No | | 🖌 Lo | og For | rmation (Top), D | Depth and | d Datum | Sam | ple |
|--|--------------|------------|----------------|---------------|-----------------|-------------|------------------|-----------|------------|--------------|---------|
| Samples Sent to Geologi | , | ✓ Yes | No | | Name Lansing | | | 1 | Top 924 | Datu -478 | m |
| Cores Taken | | Yes | No | | Kansas | City | | 2 | 352 | -906 | |
| Electric Log Run | | ✓ Yes | No | | Mississi | ppian | | 2 | 464 | -1018 | |
| | | | | | Hunton | | | 2 | 628 | -1182 | |
| List All E. Logs Run: Dual Induction, I | Dual Porosit | tv | | | Viola | | | 2 | 2704 | -1258 | |
| , | | · · | | | Arbuckl | е | | 2 | 784 | -1338 | |
| [| | | | | | | | | | | |
| | | | CASING | RECORD | Nev | v 🗌 Use | ed | | | | |
| | | Report a | I strings set- | conductor, su | irface, inter | mediate, pr | roduction, etc. | | | | |
| | Siza Holo | Size C | noing | W/oi/ | abt | Sotting | | o of | # Sooko | Type and [| Porcont |

| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
|-------------------|----------------------|------------------------------|----------------------|------------------|-------------------|-----------------|-------------------------------|
| Surface | 12.25 | 8.625 | 23 | 220 | Class A | 150 | cacl,gel |
| Production | 7.875 | 5.5 | 14 | 2873 | Thick Set | 150 | Kol seal |
| | | | | | | | |

ADDITIONAL CEMENTING / SQUEEZE RECORD

| Purpose: Perforate | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
|--------------------------------|---------------------|----------------|--------------|----------------------------|
| Protect Casing Plug Back TD | | | | |
| Plug Off Zone | | | | |

| Did you perform a hydraulic fracturing treatment on this well? |
|---|
| Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? |
| Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? |

 Yes
 No

 Yes
 No

No

Yes

(If No, skip questions 2 and 3) (If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

| Shots Per Foot | | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | | | |)e | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | | | Depth |
|---------------------------------------|---------|---|---------|--------------------------------------|--------|-----------|---|------------------------------|------------------|---------|
| 2 | 2767 | -2812 | | | | | no tre | atment | | |
| | Cast | Iron Bridge P | lug @ | 2750 | | | | | | |
| 3 | 2464- | 2524 | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD: | Siz | ze: | Set At: | | Packe | r At: | Liner R | | No | |
| Date of First, Resumed none as yet | Product | ion, SWD or ENHR | | Producing N | | ping | Gas Lift | Other (Explain) | | |
| Estimated Production Per 24 Hours | | Oil Bbl | S. | Gas | Mcf | Wate | er | Bbls. | Gas-Oil Ratio | Gravity |
| DIODOOITI | <u></u> | | | - | NETHOD | | | | | |
| DISPOSITI Uented Solo (If vented, Su | 1 | Used on Lease | | Open Hole Other <i>(Specify</i>) | Perf. | OF COMPLE | Comp. | Commingled (Submit ACO-4) | PRODUCTION INTER | VAL: |

| | | | SA | T-126 TULSA S.K. DAVIS J. MOORIS | | Equipment/Base Recorded By Witnessed By |
|-----------------------|--------|-------|--|--|-----------------------|--|
| | | | ° п | 20 | | Max Recorded Temp. |
| | | | | | on Stopped | Time Circulation Stopped |
| | | _ | | 3.480 @ 118 | | RM@BHT |
| | | | | | | Source BME/BMC |
| | | | 1 m | | d Temp | RMF@Measured Temp |
| | | | п | 5.000 @ 80 | l Temp. | RM@Measured Temp. |
| | | | | MEASURED | U | Sample Source |
| | | | 47.0 | | | PH/Viscosity |
| | | | | 9.5 | | Eluid Lose |
| | | | | WBM | | Hole Fluid Type |
| | | | 5 | 8.625 | | Casing Size |
| | | | Ξ | 7.875 | | Bit Size |
| | | | Ft | 220.0 | r | CasingLogger |
| | | | Ft | 220.0 | | CasingDriller |
| | | | ₽ | 220.0 | | Last Reading |
| | | | ב ת - | 2880.0 | | First Reading |
| | | | | 0.0067 | | DepthLonger |
| | | | ₽ | 1 0000 | | Run Number |
| | | | | | | Date |
| | | | | | | Date |
| | | 꼬그 | GL 1436.00 | n: 10.00 Ft | d From: nent Datum | Log Measured From: Above Permanent Datum: |
| ģ | SPEC N | 꼬 | | | sured From: | Drilling Measured From: |
| | 1 | — · | Flavations: | _ ق | atiim: | Dermanent D |
| Rae : 4F | 23S | Twp: | Sect : 18 | | LSD | Compa Vell Tield County State Countr API No. |
| | | | ΝΓ | NW SW NW | NW SW NW | E P/ / B |
| | | | A/1 | 0 | Location : | AULS |
| | | | 24031 | 'y : USA : 15-015-24031 | API No | #1 SON |
| | | | Ω. | | State | |
| | | | R | | County | ST |
| | | | N N | : PAULSON | Field | MEN |
| | LLC. | MENTS | HUL- 59692 HAMILTON INVESTMENTS LLC | | Company: | TS LLC |
| | | | | • | | D. |
| | | | ICES | ENERGY SERVICES | ENER | |
| PEL DENSITY MICRO LOG | ENSITY | PEL D | | | | |
| COMPENSAIED NEUIRON | PENSA | COM | | Tucke | | |
| | | | | | <i>י</i> | |
| | | | | | | |

The customer is hereby warned that by providing the log data herein, T. E. S. does not agree to provide any interpretation of log data, conversion of log data to physical rock parameters or recommendations. T. E. S. does not guarantee or warrant either expressly or impliedly, the accuracy of any interpretation of log data, conversion of log data to physical rock parameters or recommendations which may be given by T. E. S. personnel. Any interpretation, conversion or recommendation is not part of the consideration for the agreement between the parties and is not part of any part of the charge by T. E. S. for its services. Any user of the log data is warned that said user is not entitled to rely on intepretations, conversions or recommendations as aforesaid.

| Bitsize I | ntervals | Casing Strings | | | |
|--------------|----------------|----------------|-----------------|----------------|-------------|
| Size (In) | Bottom (Ft) | Size (In) | Weight (Lbs) | Bottom (Ft) | Top (Ft) |
| 7.875 | 2903.00 | 8.625 | 24.00 | 220.00 | 0.00 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| Run Number | 1 | |
|---------------------|--------------------|--|
| Date | 07-09-2014 | |
| Date/Time On Bottom | 07-09-2014 7:45 pm | |
| Depth to Fluid | 0.0 Ft | |
| Salinity | 1000.000 | |
| RMF@BHT | 2.960 @ 118 F | |
| RMC@BHT | 4.000 @ 118 F | |

Run Number 1

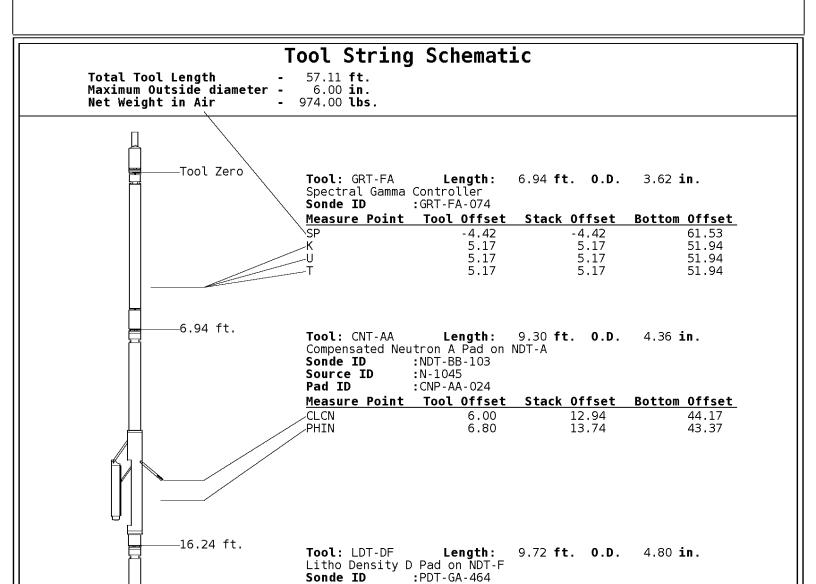
ALL PRESENTATIONS AS PER CUSTOMER REQUEST GRT, CNT, LDT, MLT, CST, AND PIT RUN IN COMBINATION CALIPERS ORIENTED ON X-Y AXIS 2.68 G/CC USED TO CALCULATE POROSITY ANNULAR HOLE VOLUME CALCULATED USING 5.50" PRODUCTION CASING PHIN IS CALIPER CORRECTED DOLOMITE REPLAY OVER REPEAT

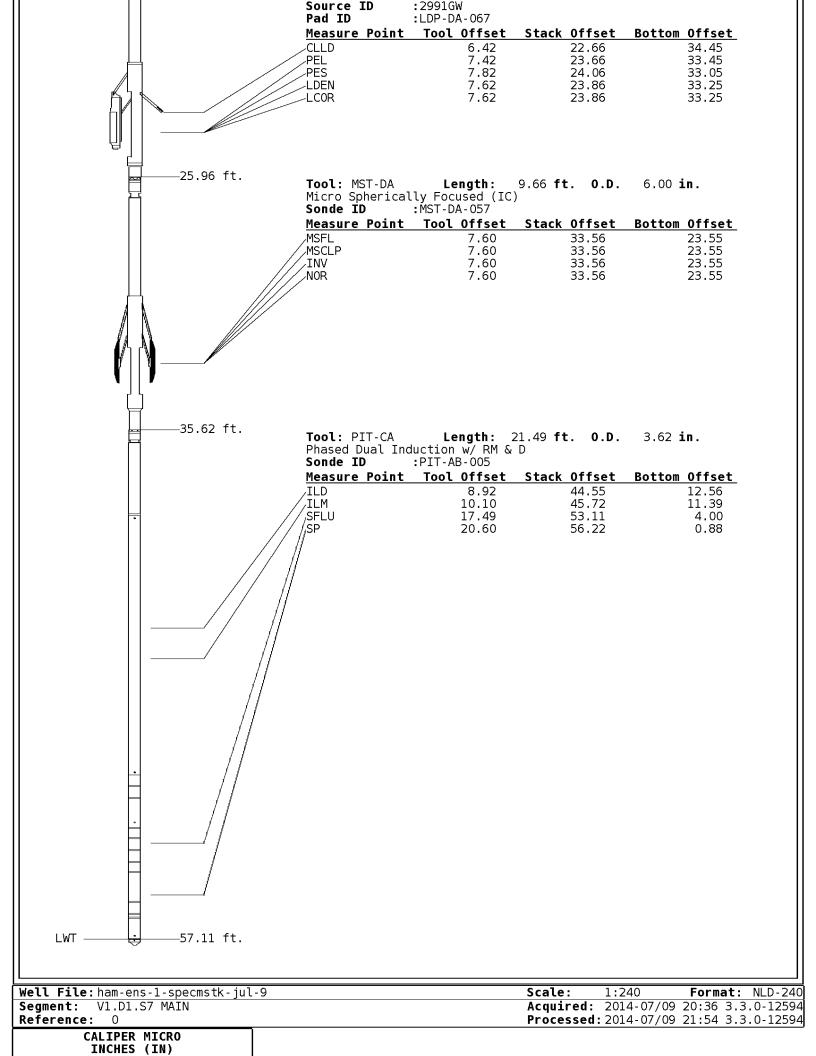
GRT: GRP, SPGCGR, S-KK, S-UK, S-TK CNT: PHIN, CLCNIN. LDT: PORL, LCORN, PECLN, LDENN, CLLDIN. MLT: NOR_RF, INV_RF, MSCLPIN. PIT: ILD, ILM, SFLAEC, CIRD, SPU

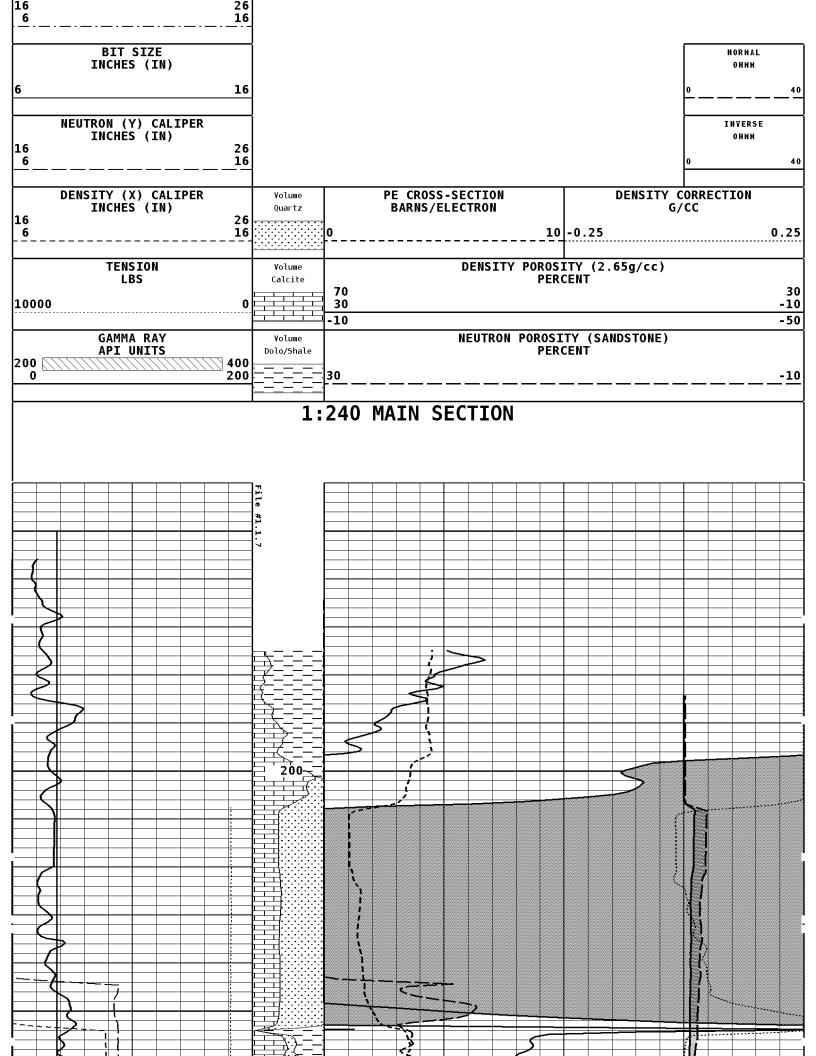
OPERATORS:

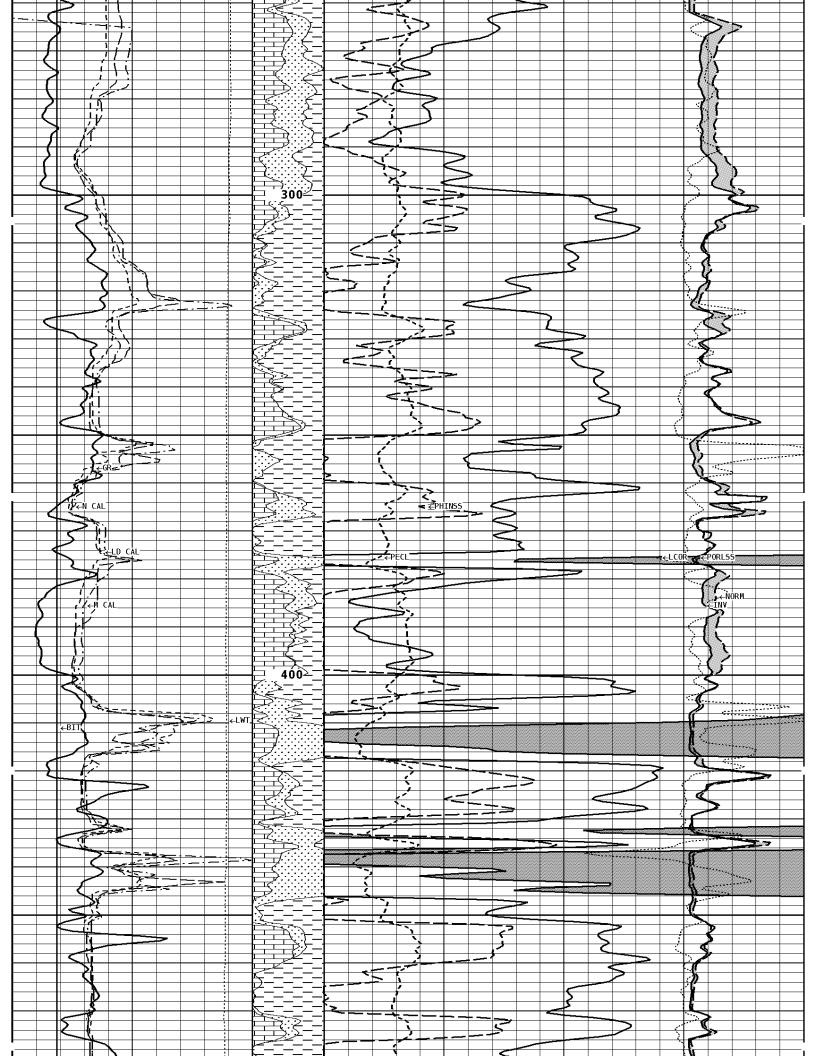
C. GONZALES

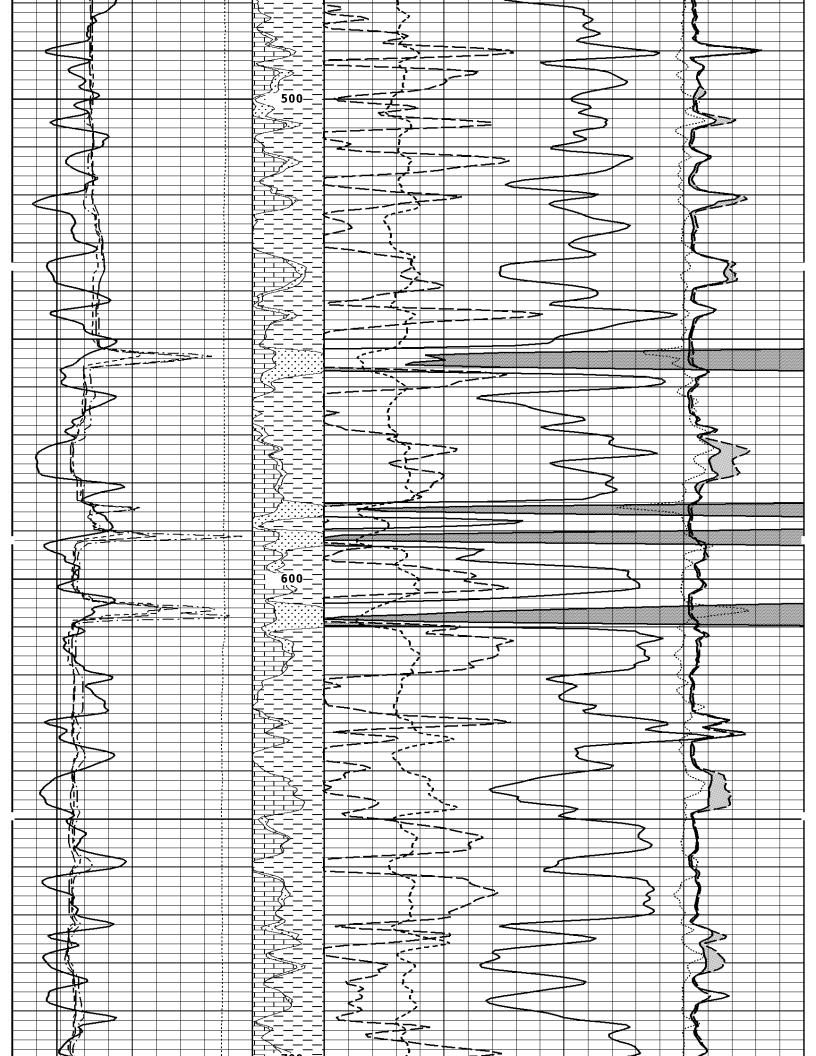
J. THOMAS

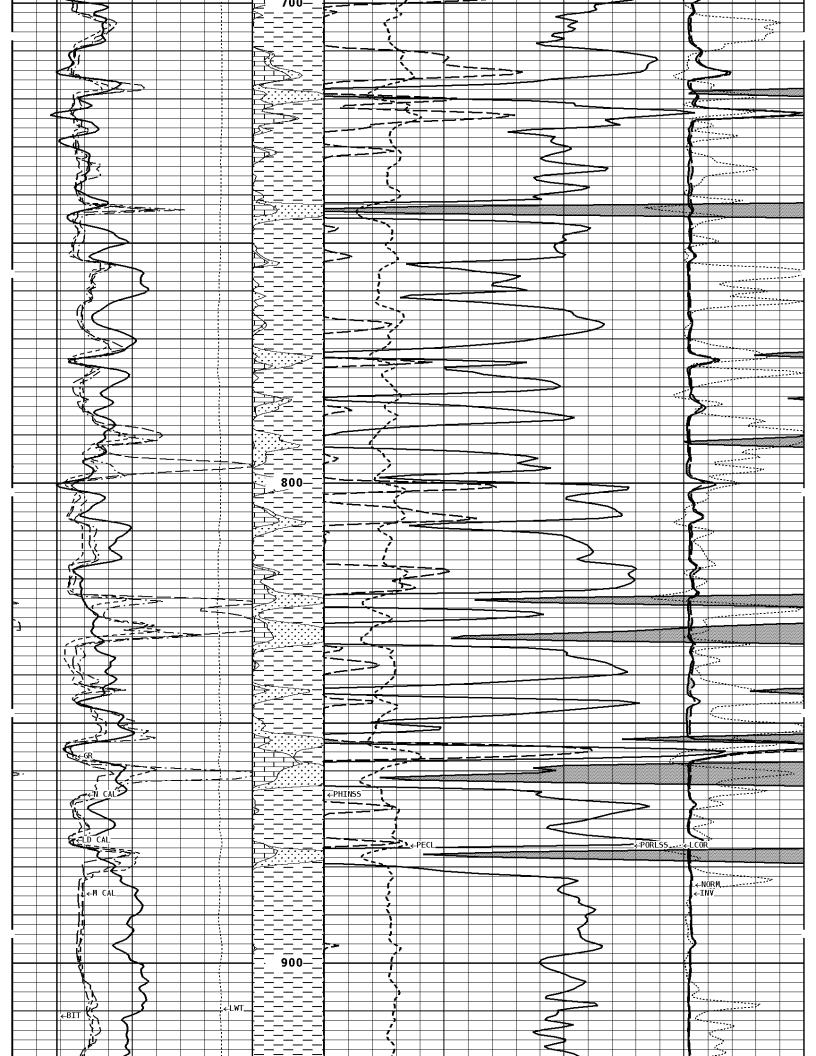


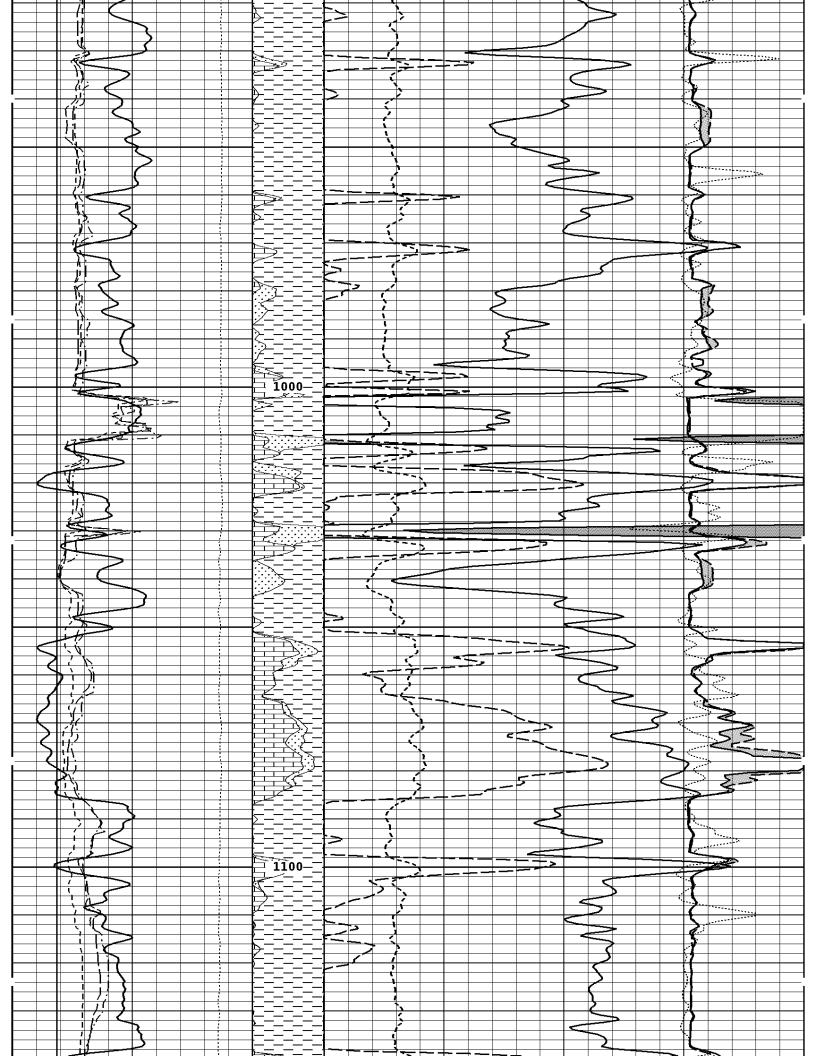


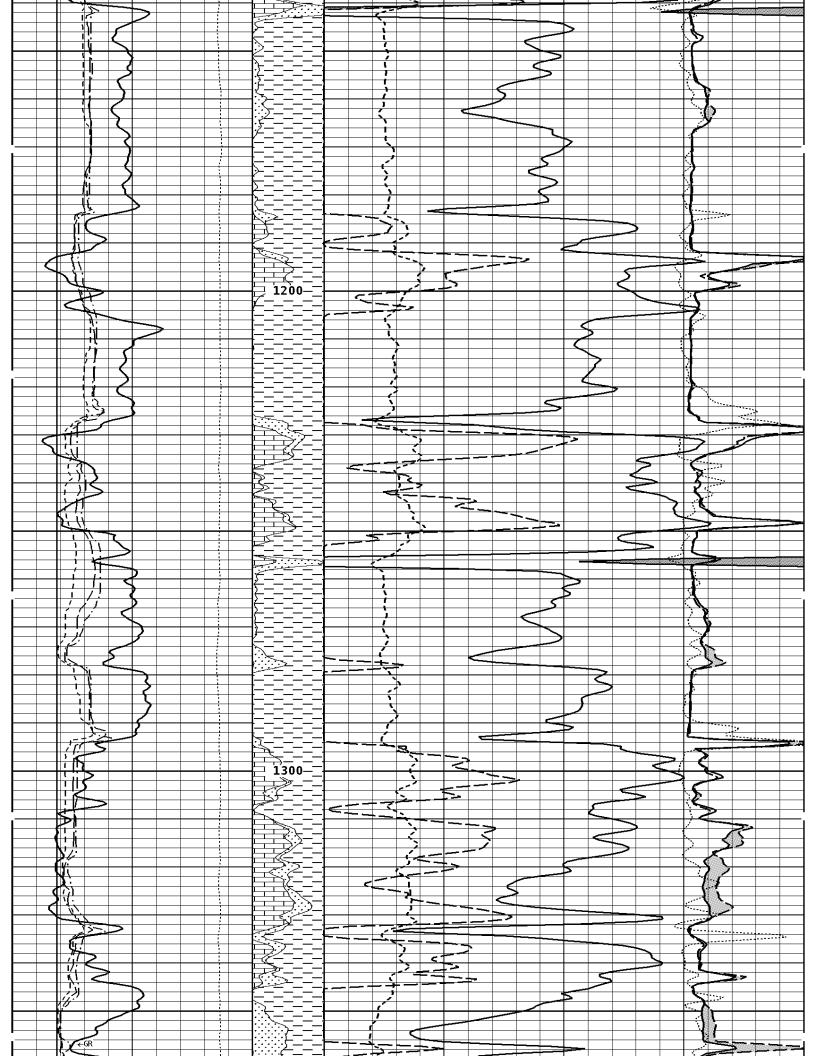


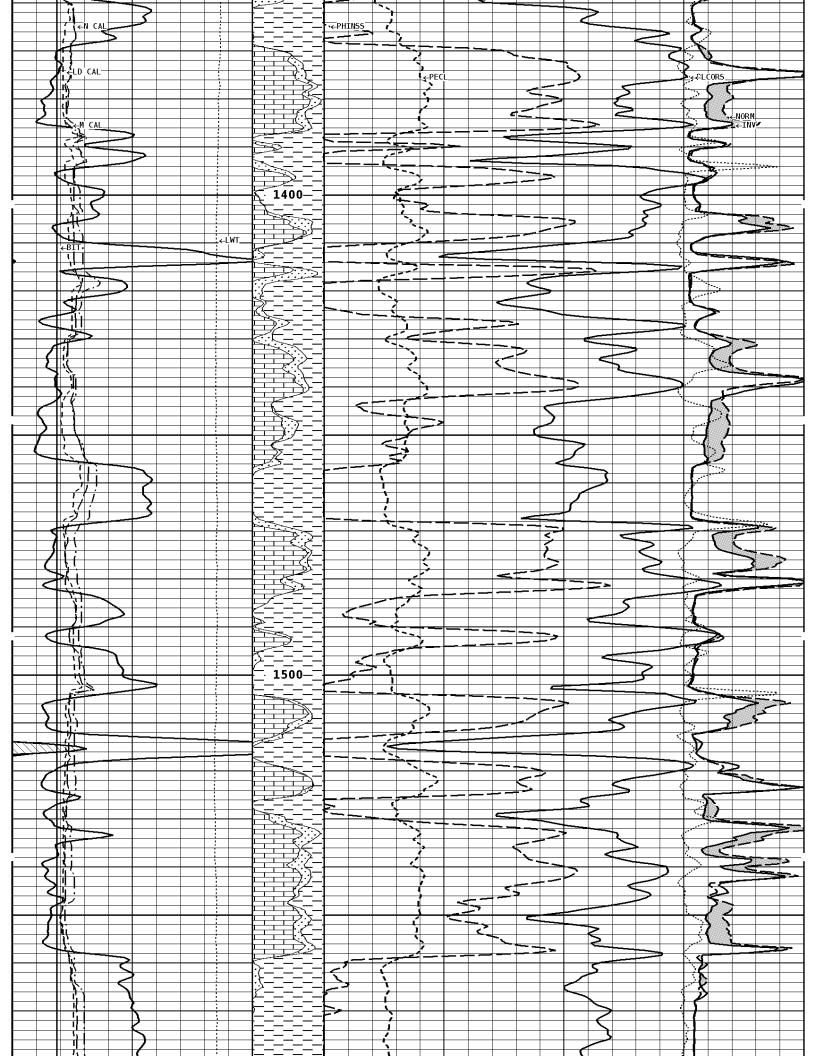


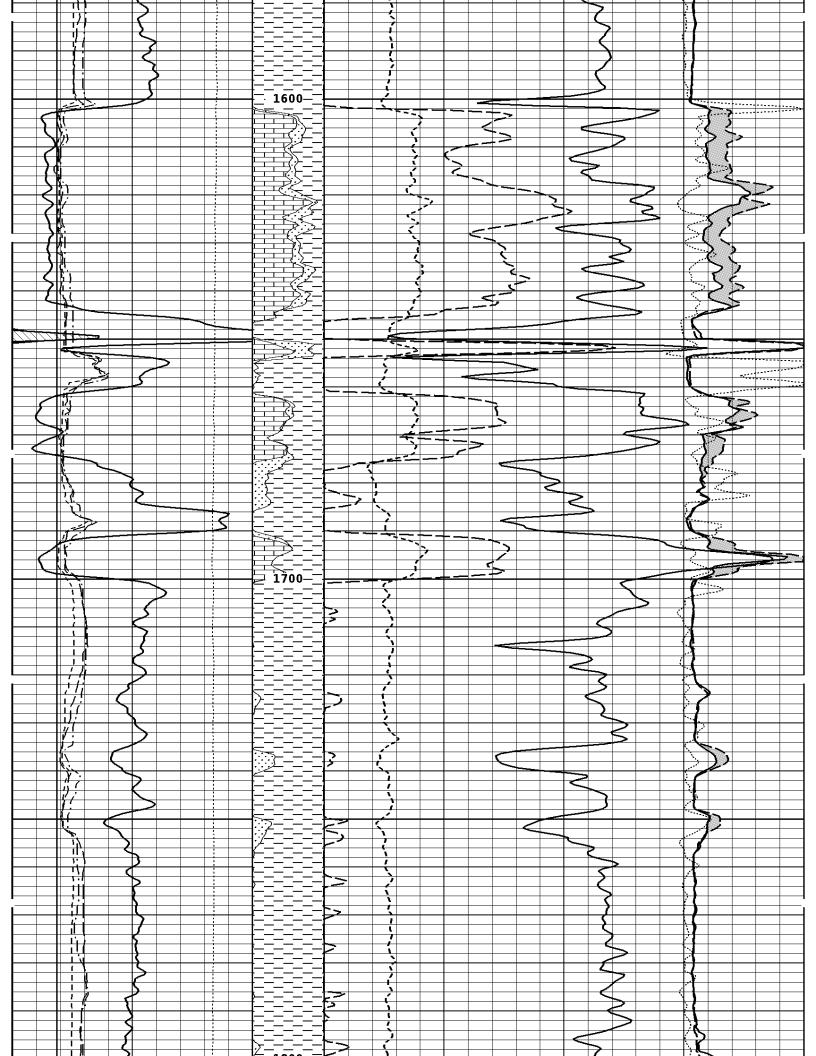


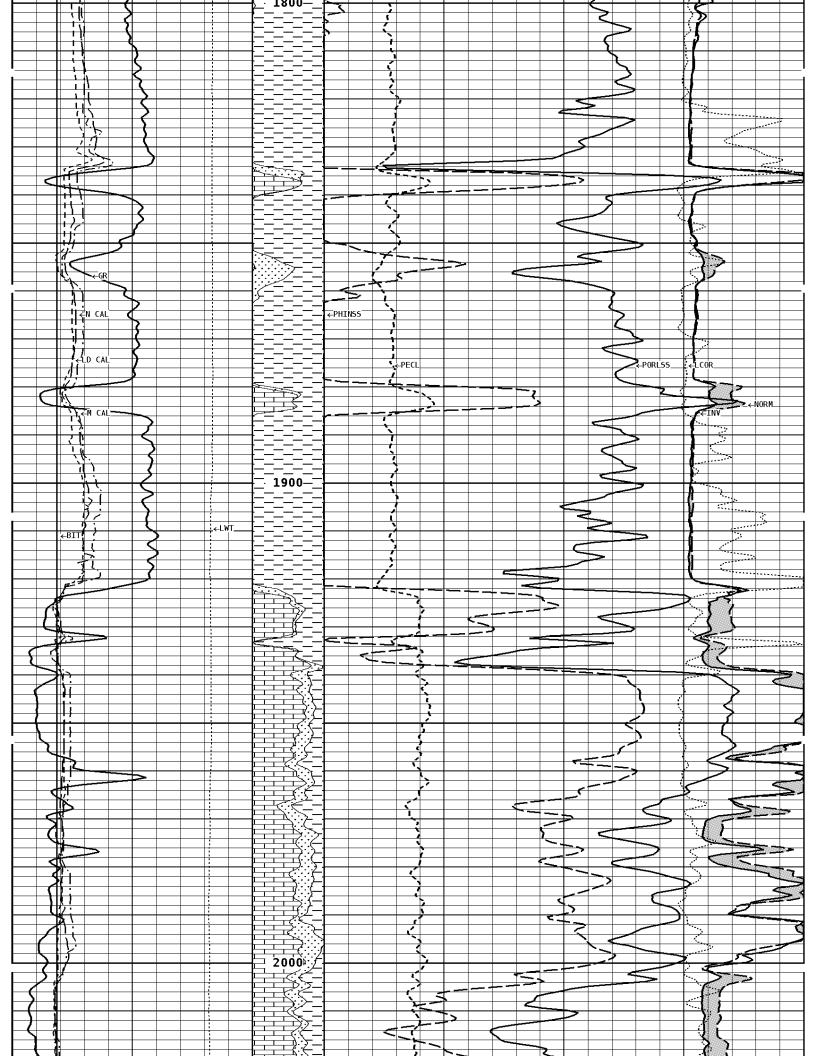


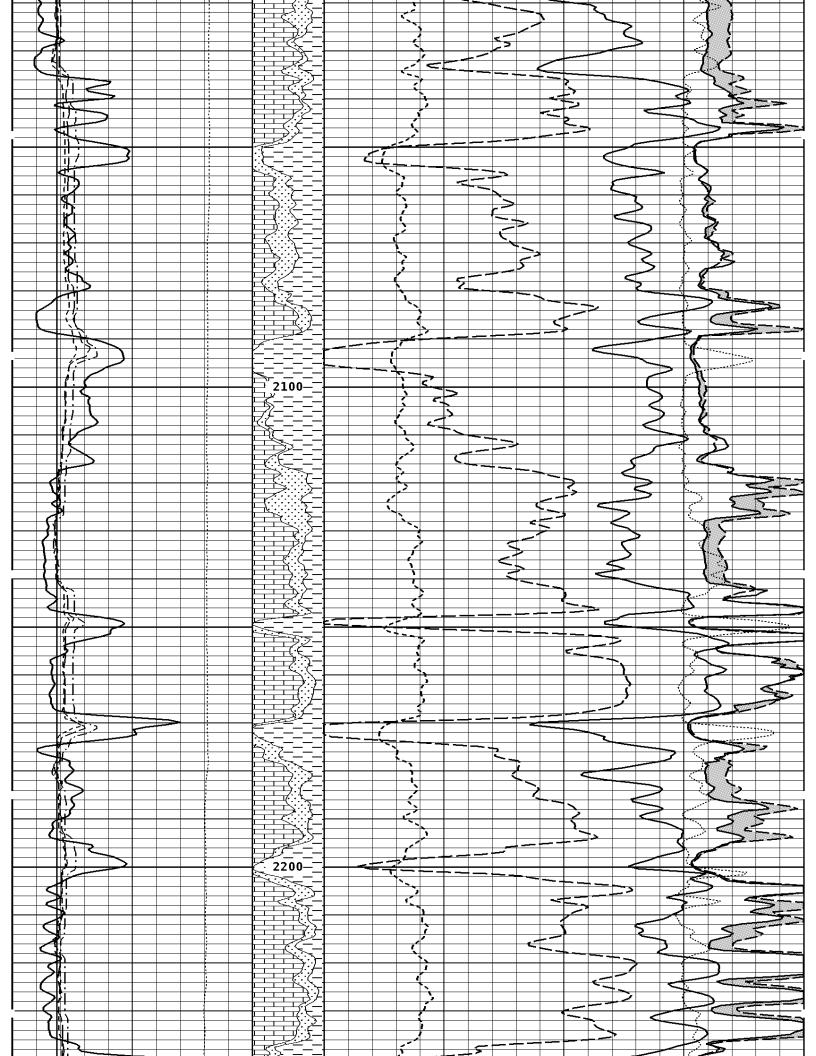


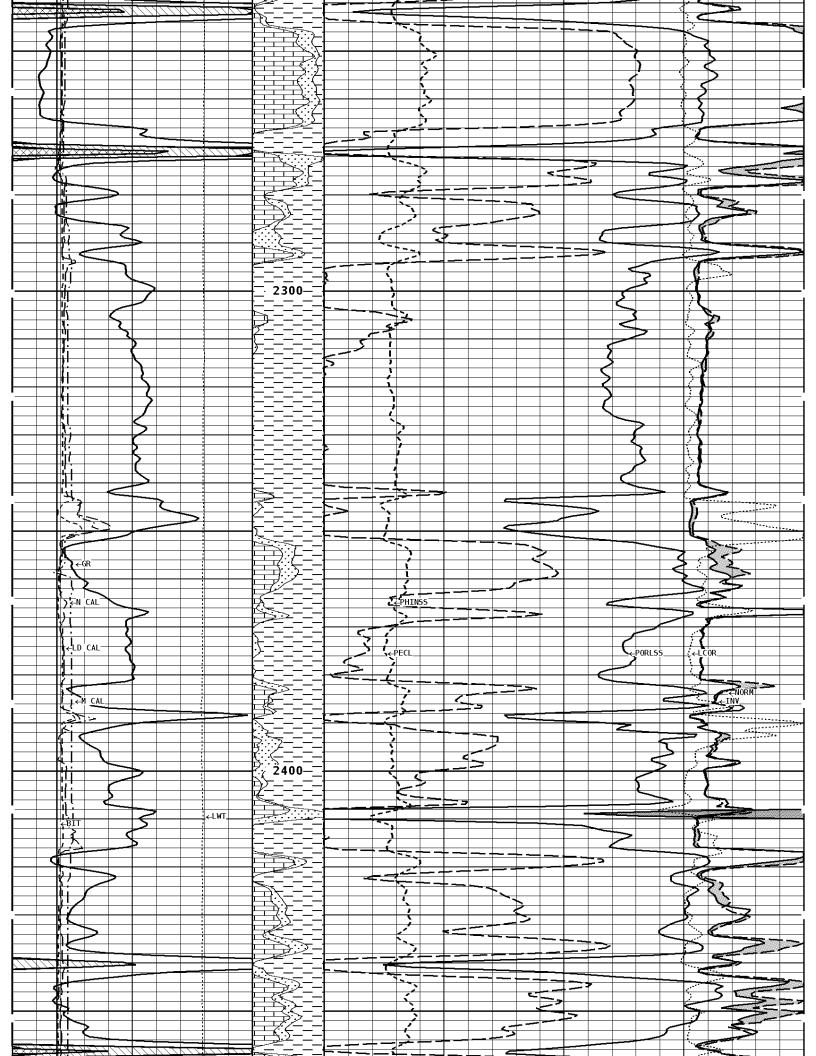


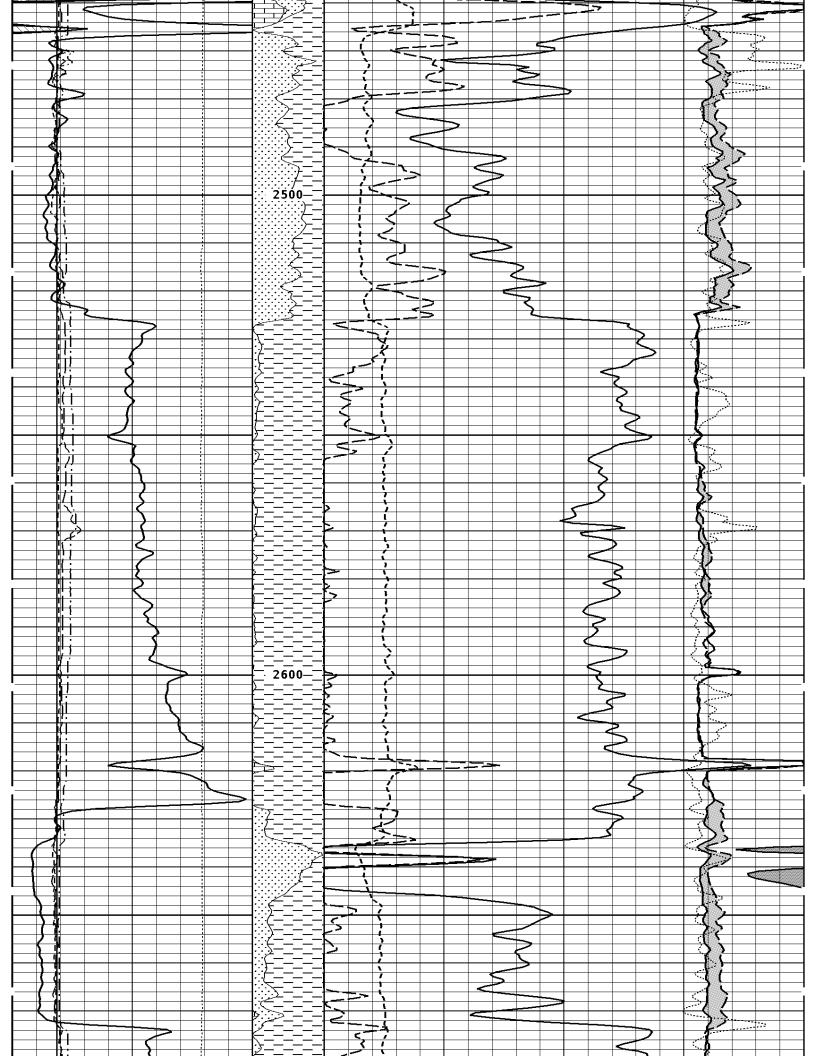


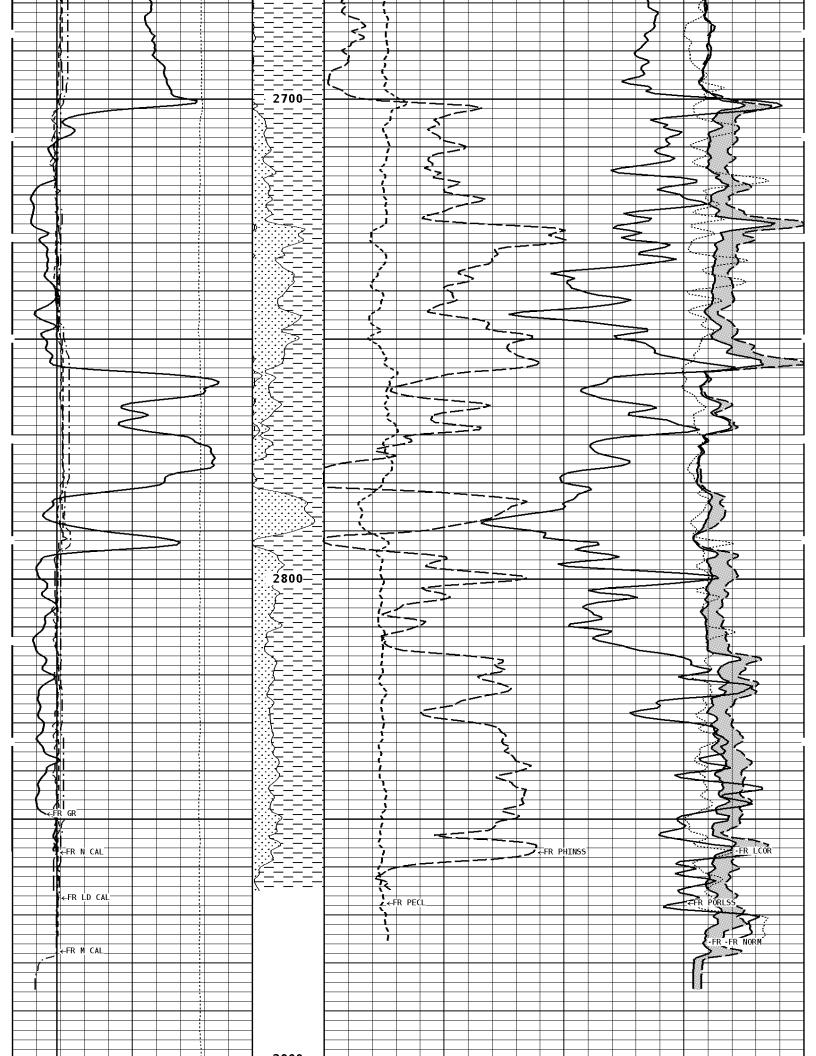


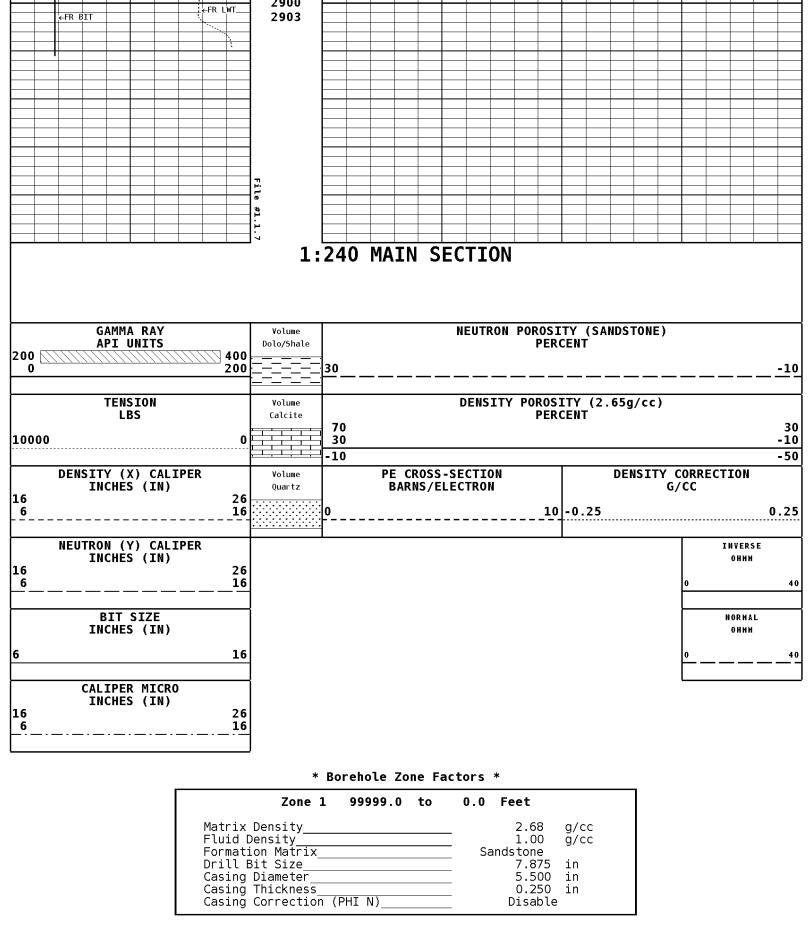






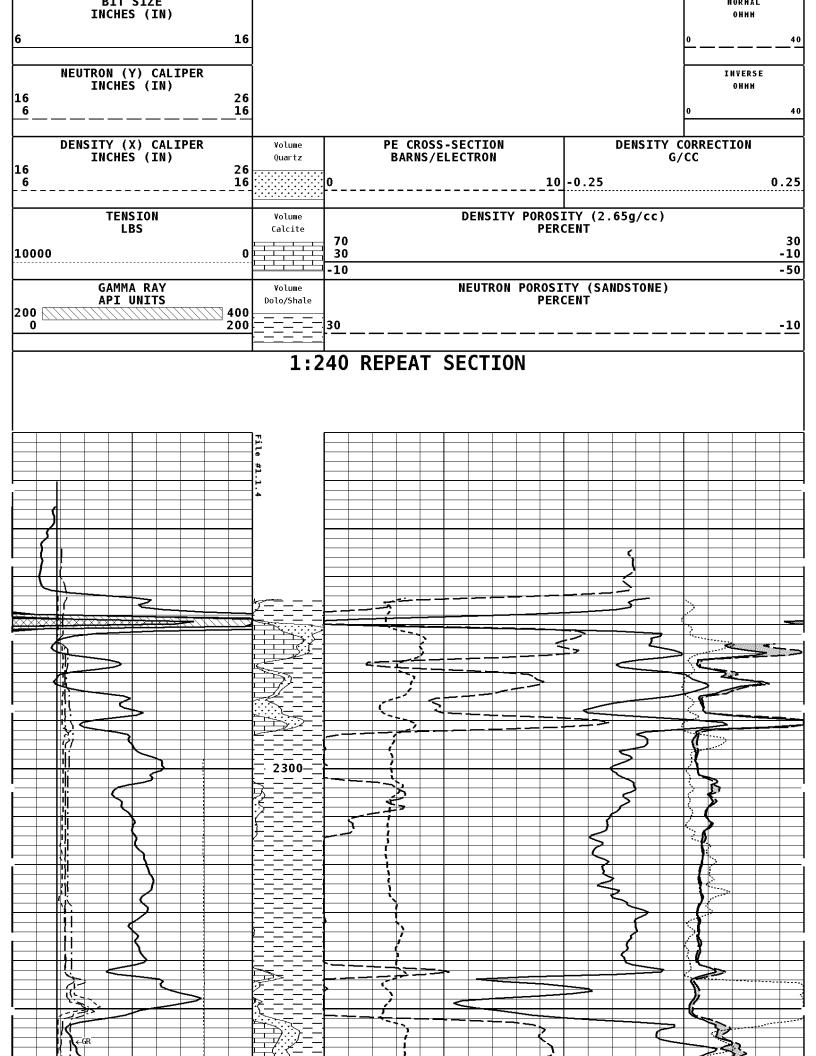


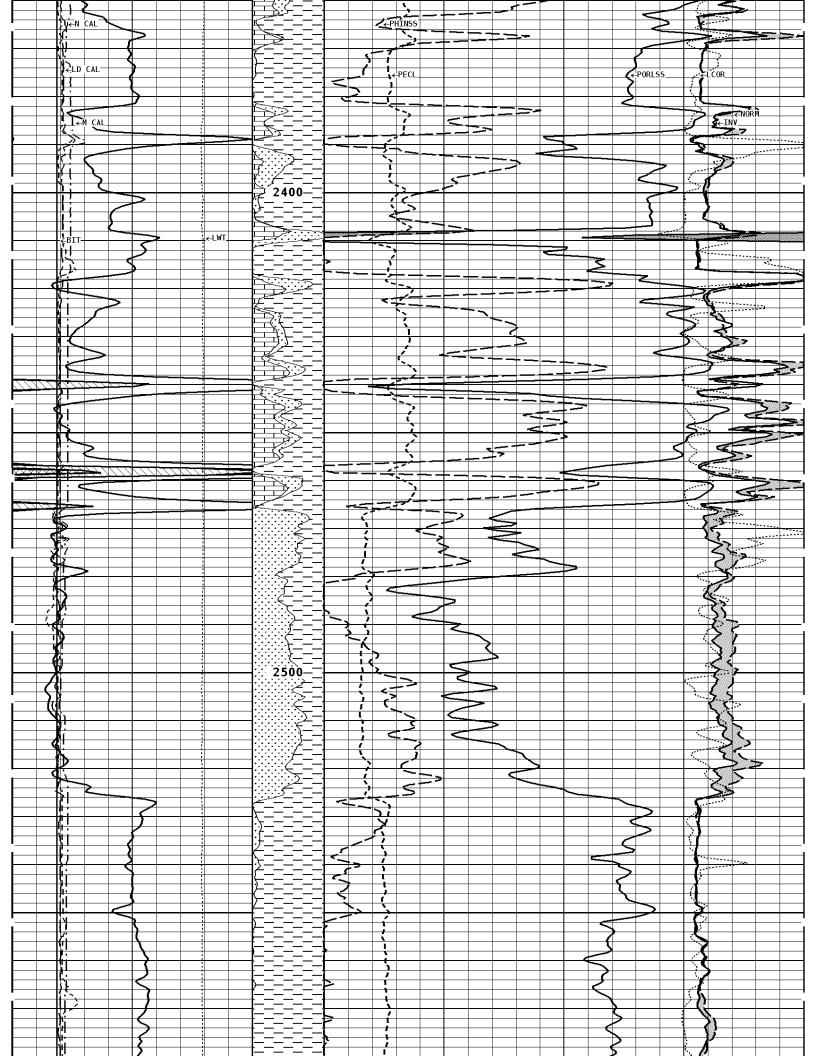


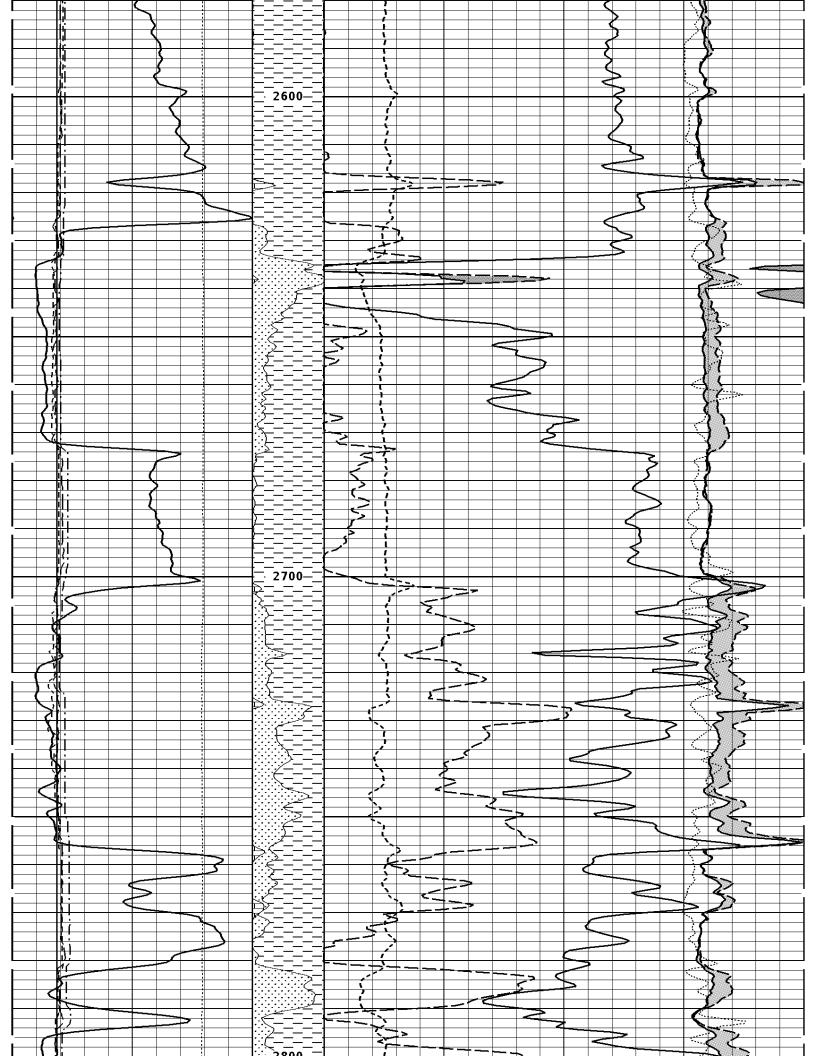


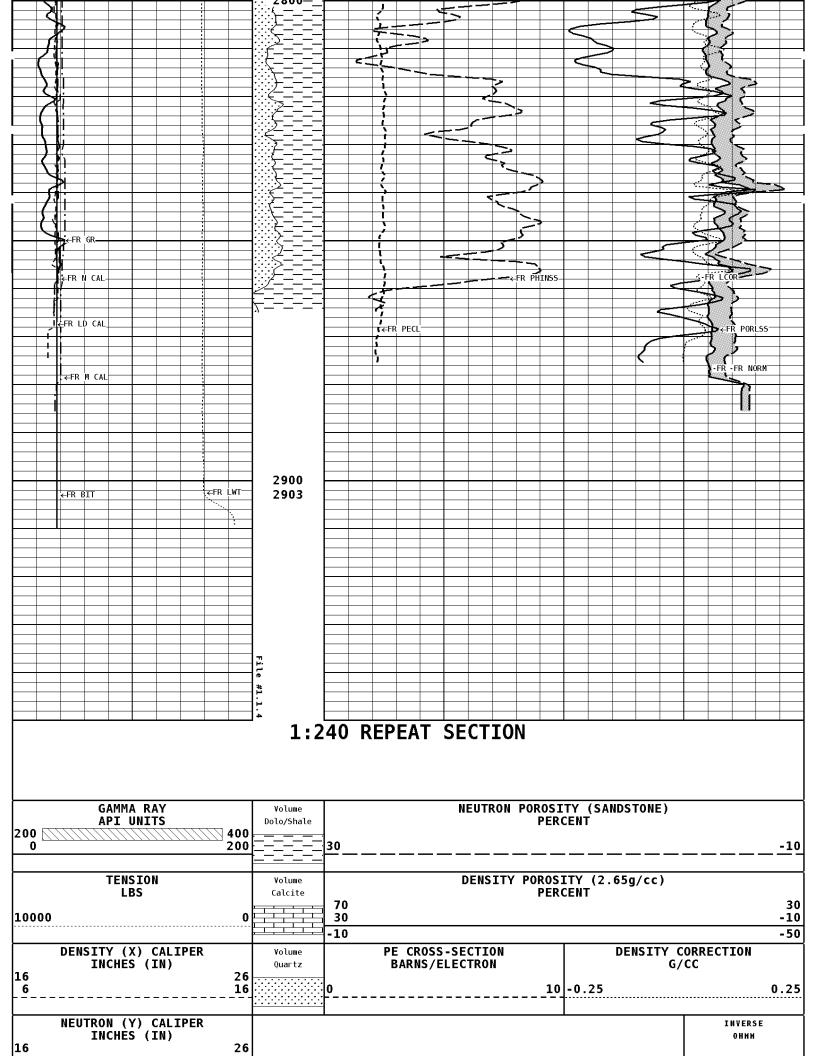
| Well File: ham-ens-1-specmstk-jul-9 | Scale: | 1:240 | Format: NLD-240 |
|---------------------------------------|------------|------------|-------------------|
| Segment: V1.D1.S4 RP | Acquired: | 2014-07/09 | 19:42 3.3.0-12594 |
| Reference: 0 | Processed: | 2014-07/09 | 21:54 3.3.0-12594 |
| CALIPER MICRO INCHES (IN) 16 26 | | | |

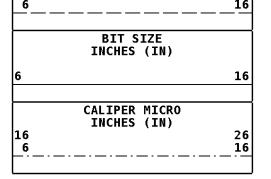
_ . __ . __ . __ .







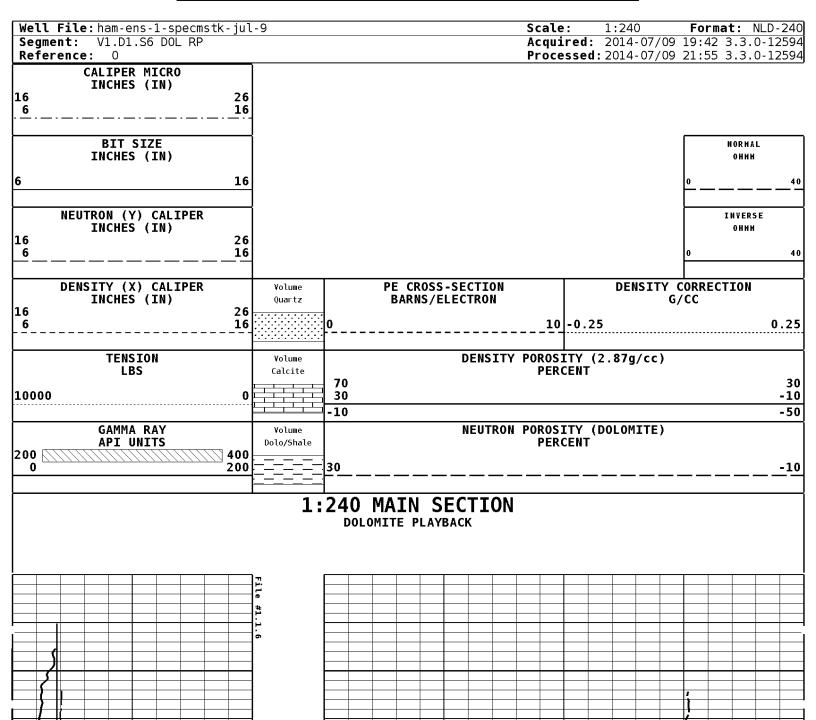


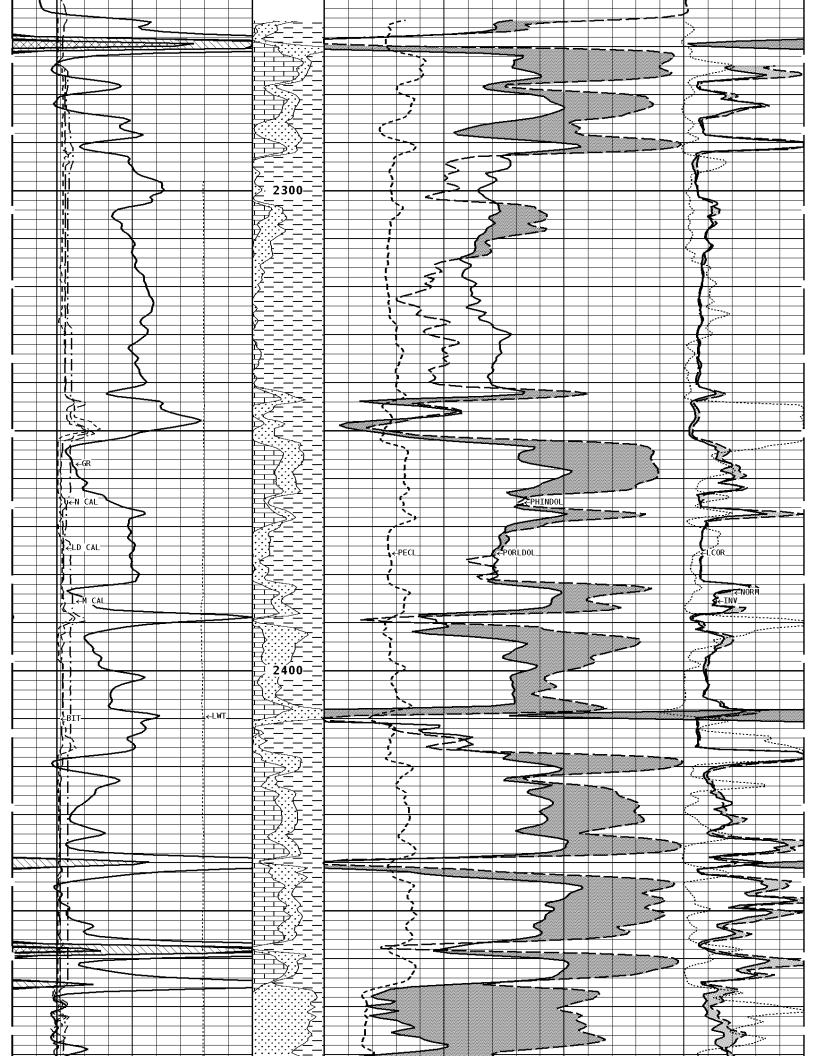


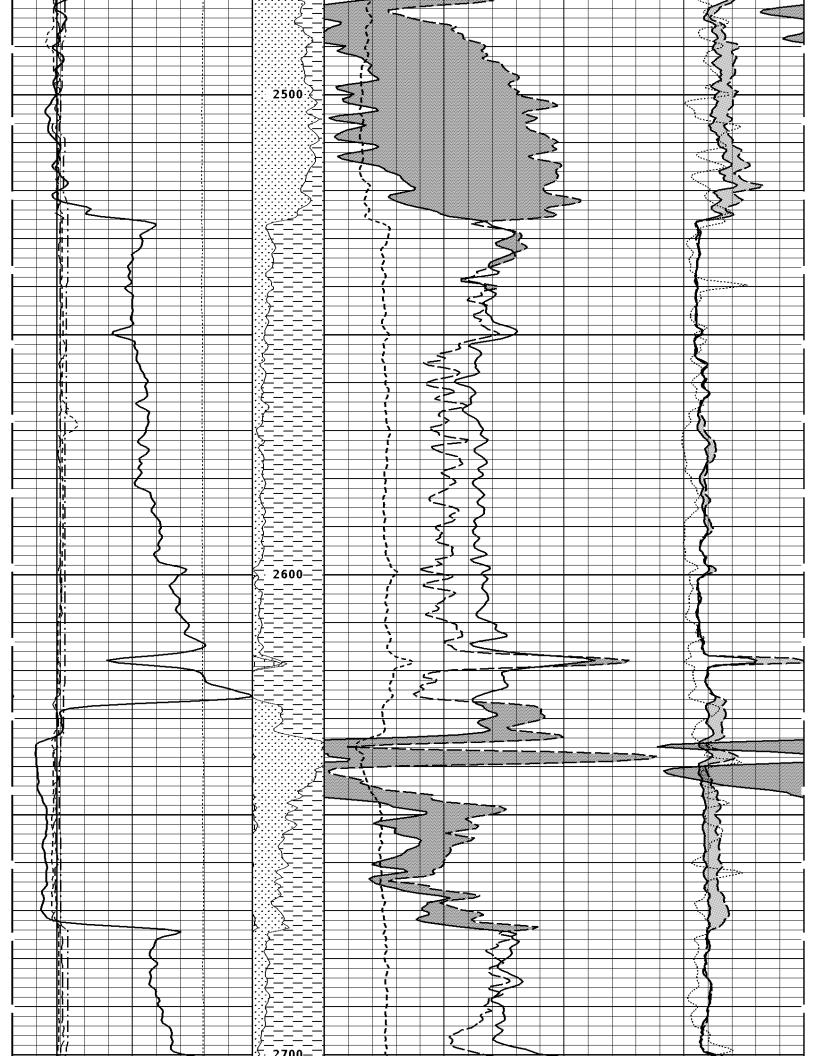
| 0 | 40 |
|---|--------|
| | |
| | NORMAL |
| | онин |
| 0 | 40 |
| | |

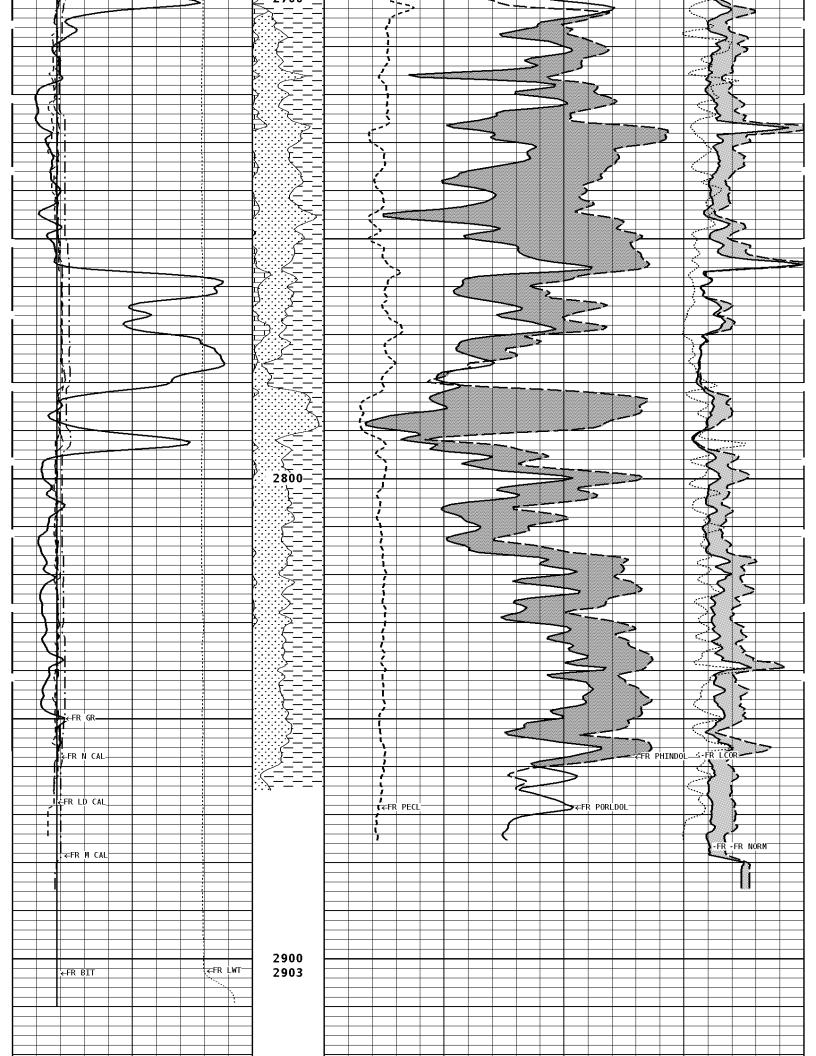
* Borehole Zone Factors *

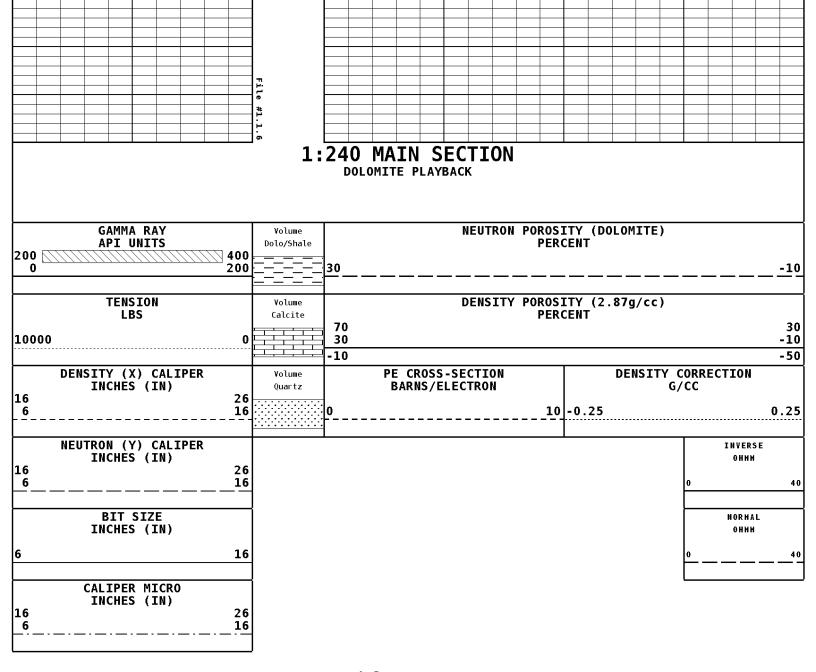
| Zone 1 99999.0 to | 0.0 Feet |
|---------------------------|-----------|
| Matrix Density | 2.68 g/cc |
| Fluid Density | 1.00 g/cc |
| Formation Matrix | Sandstone |
| Drill Bit Size | 7.875 in |
| Casing Diameter | 5.500 in |
| Casing Thickness | 0.250 in |
| Casing Correction (PHI N) | Disable |







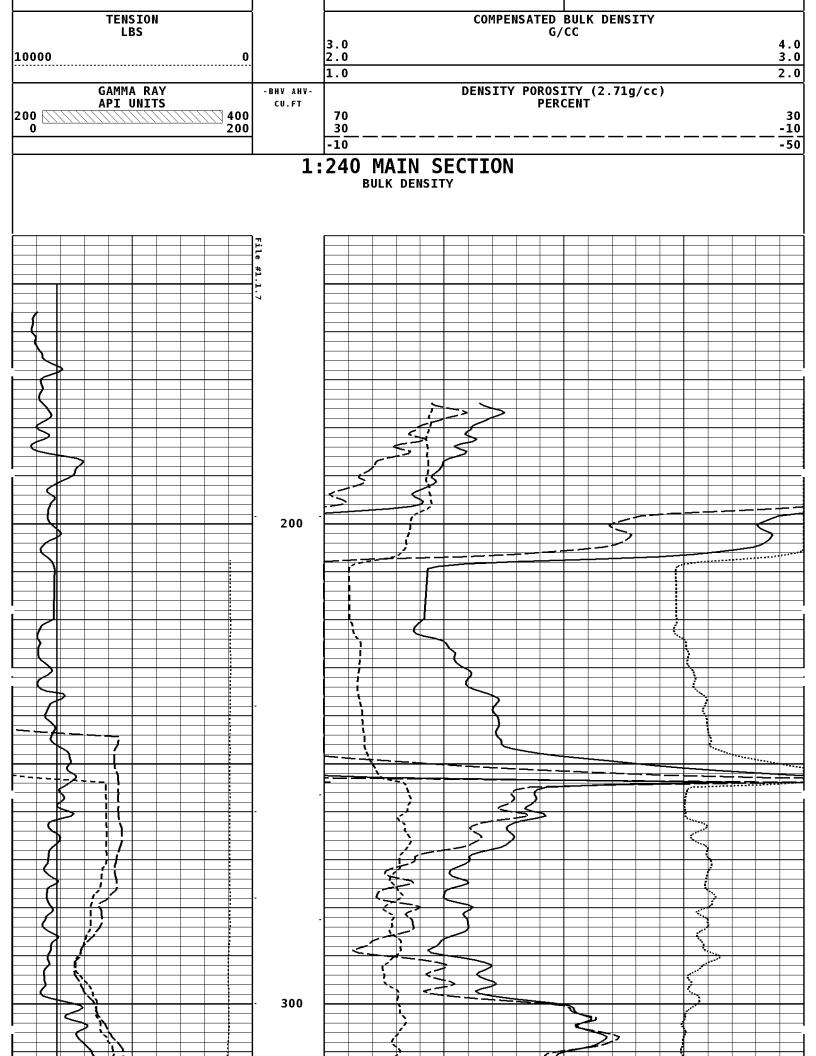


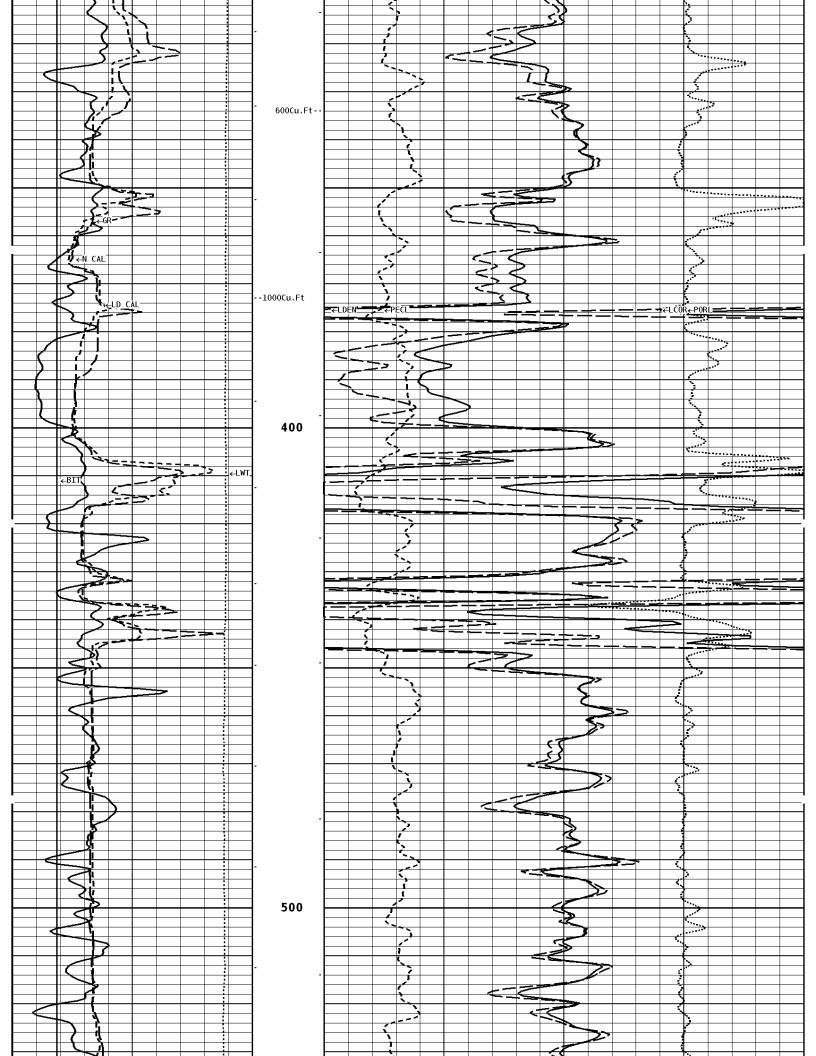


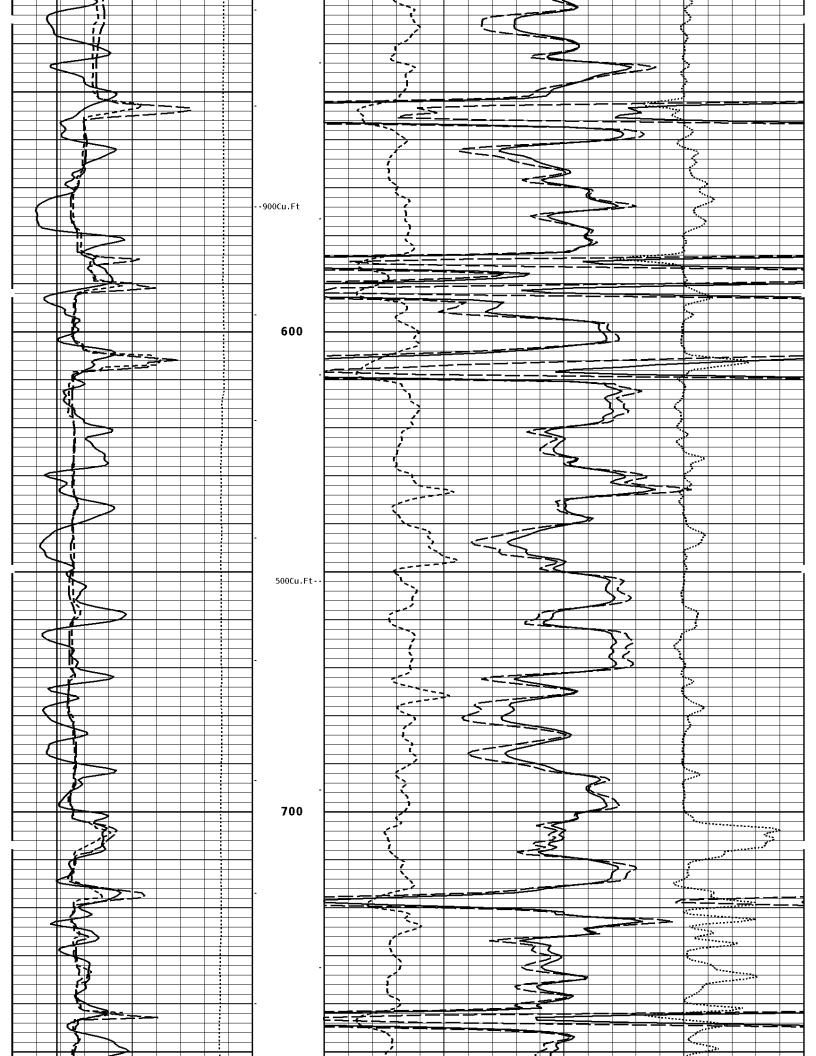
* Borehole Zone Factors *

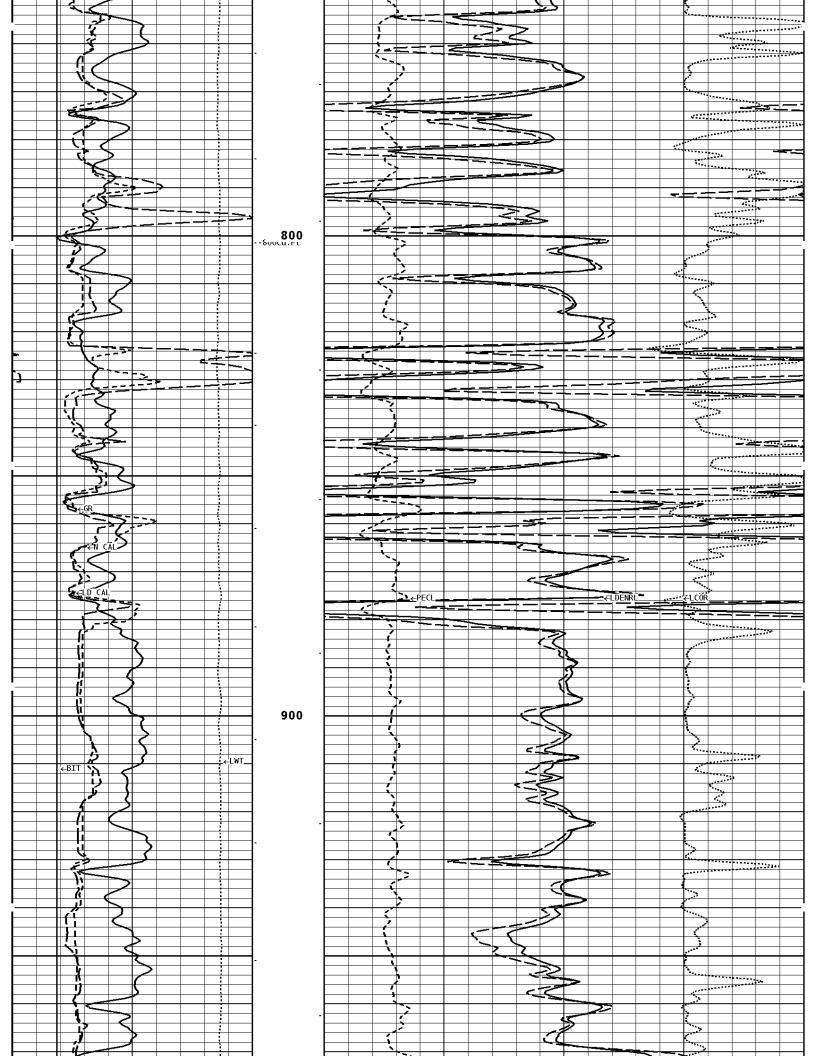
| | Zone 1 | 99999.0 | to | 0.0 | Feet | |
|---|---------------|---------|----|-----|--|----|
| Fluid Dens Drill Bit Casing Dia Casing Thi Casing Cor | Size <u> </u> | PHI N) | | | 1.00 7.875 5.500 0.250 Disable | in |

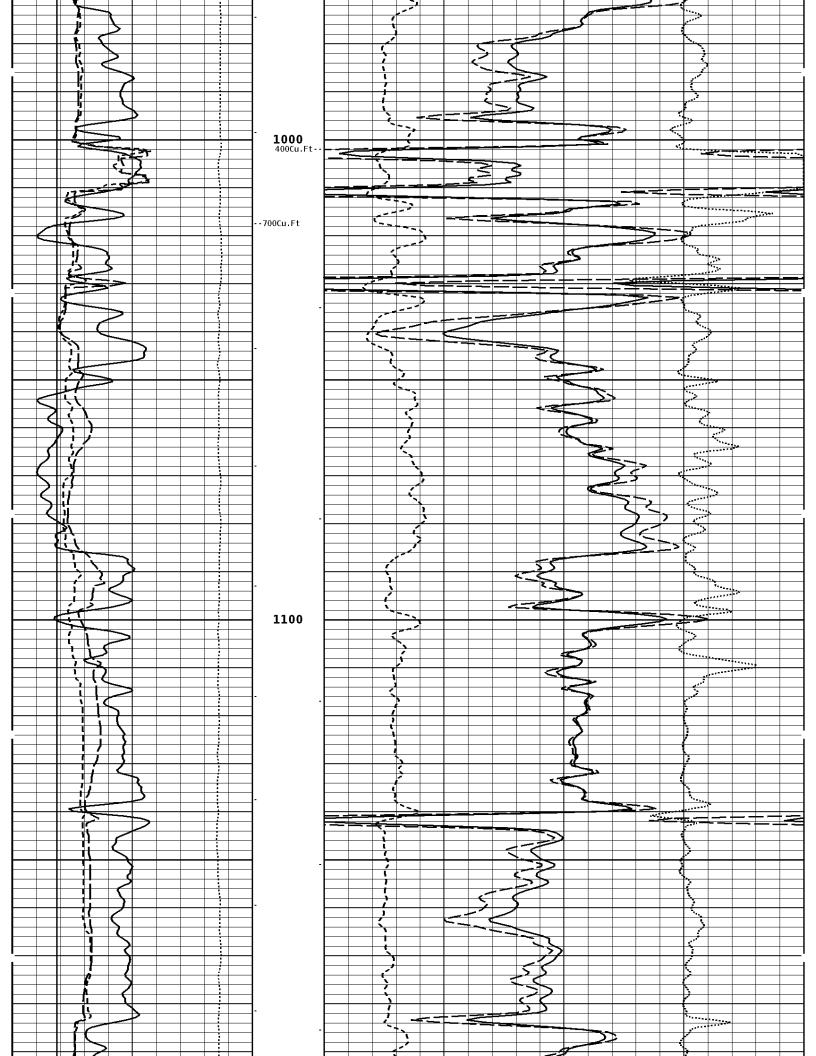
| Well File: ham-ens-1-specmstk-jul | Scal | e: 1:240 | Format: LDT-240 |
|---|------------------------------------|-------------------|-------------------|
| Segment: V1.D1.S7 MAIN | Acqu | ired: 2014-07/09 | 20:36 3.3.0-12594 |
| Reference: 0 | Proc | essed: 2014-07/09 | 21:54 3.3.0-12594 |
| BIT SIZE INCHES (IN) | | | |
| 6 16 | | | |
| NEUTRON (Y) CALIPER INCHES (IN) | | | |
| $ \begin{array}{c} 16 \\ 6 \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ -$ | | | |
| DENSITY (X) CALIPER INCHES (IN) | PE CROSS-SECTION BARNS/ELECTRON | | CORRECTION /CC |
| 16 26 6 16 | 01 | 0-0.25 | 0.25 |

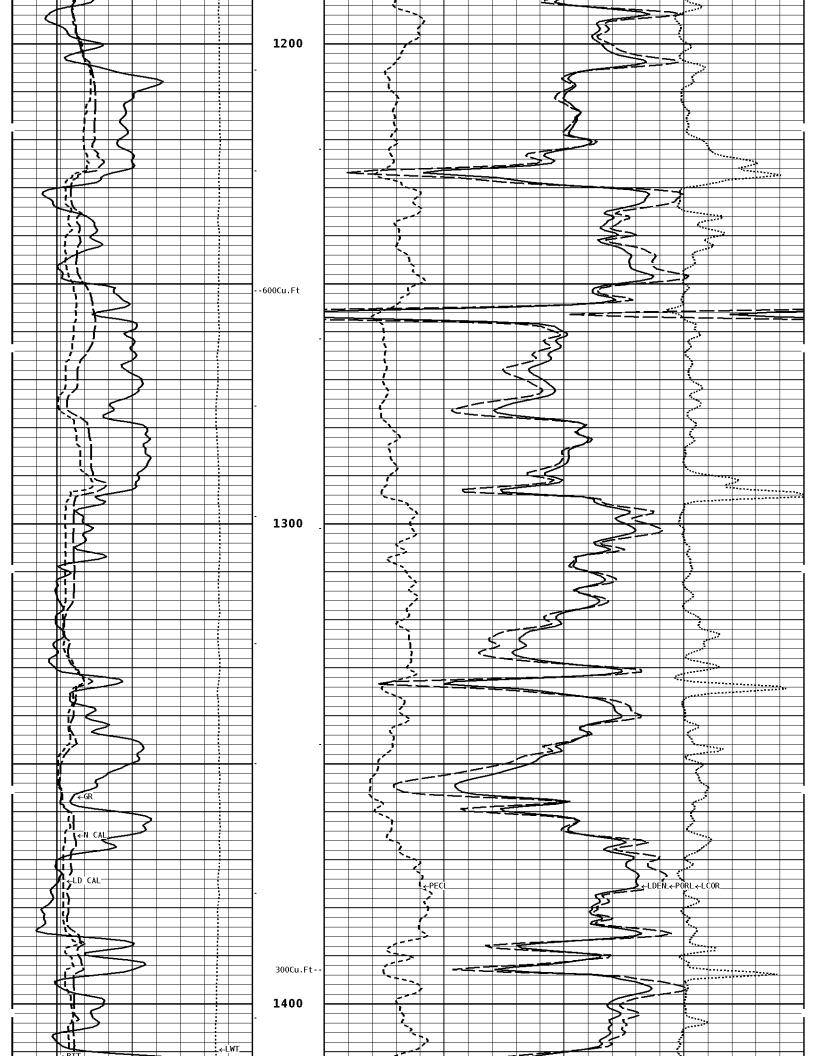


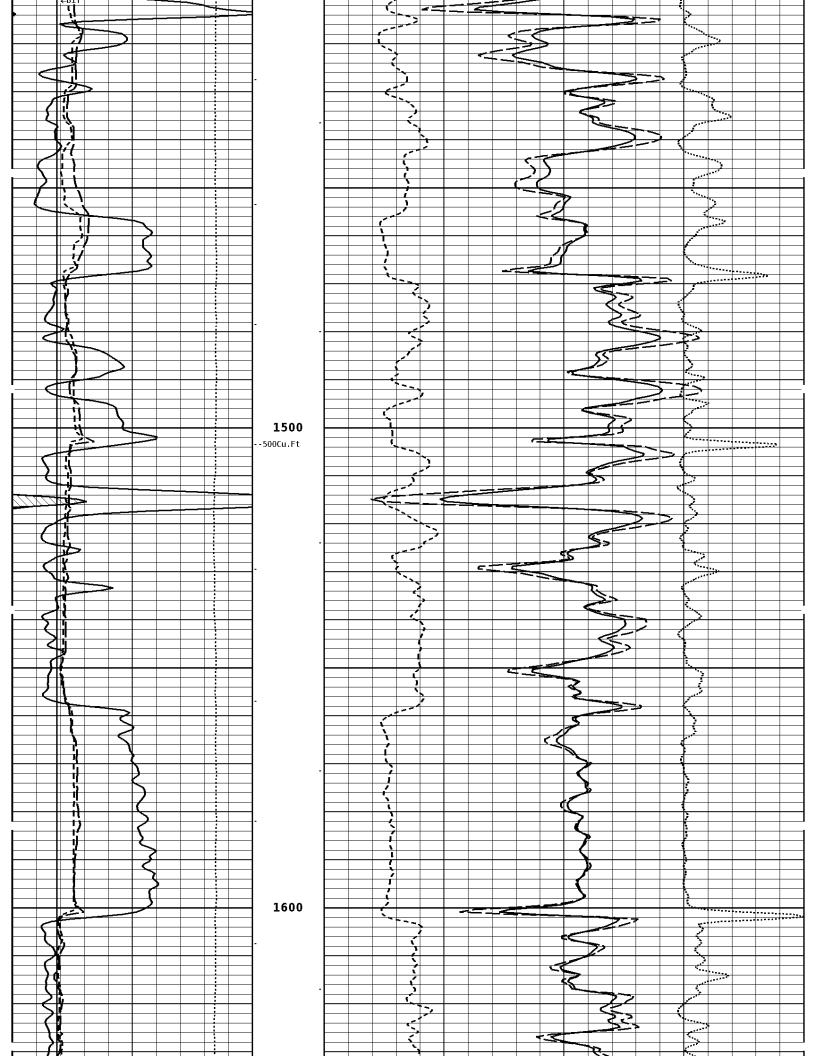


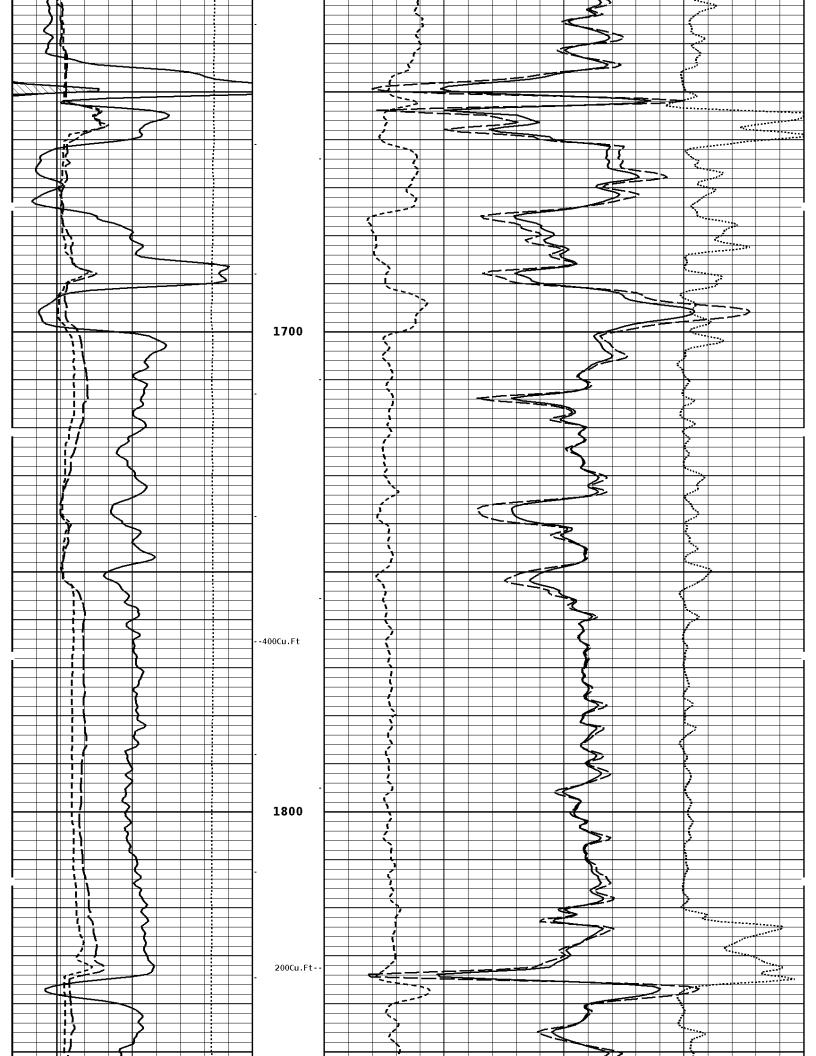


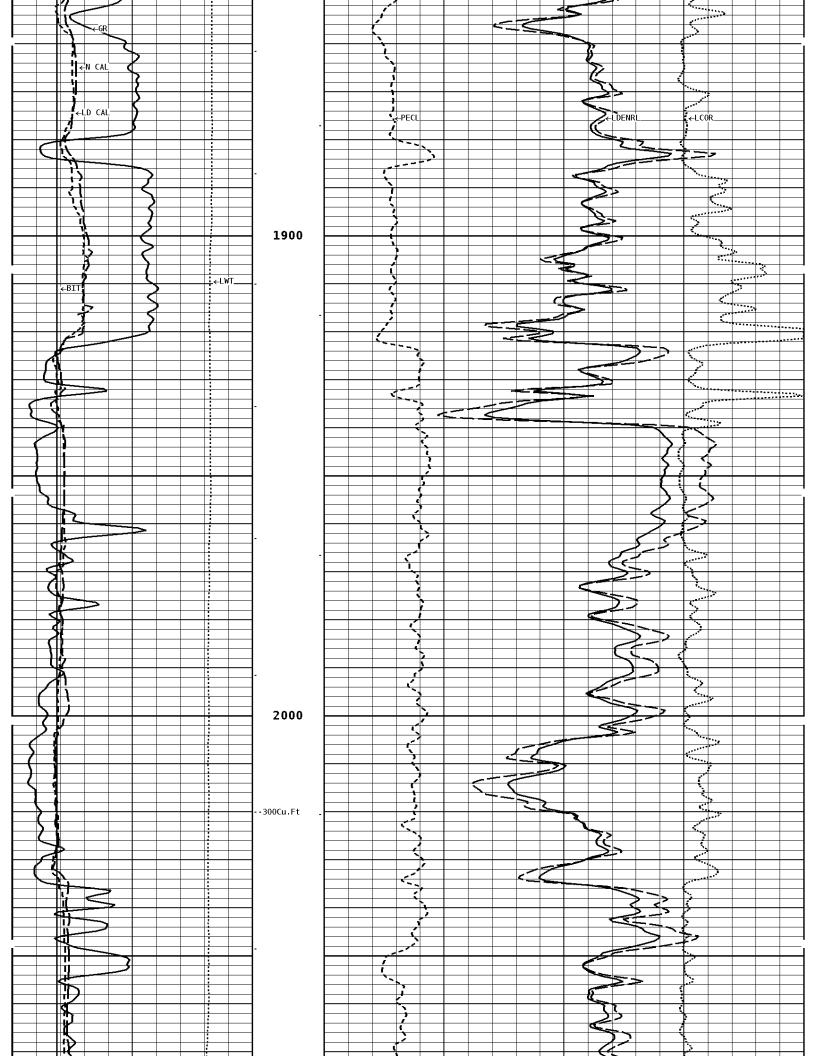


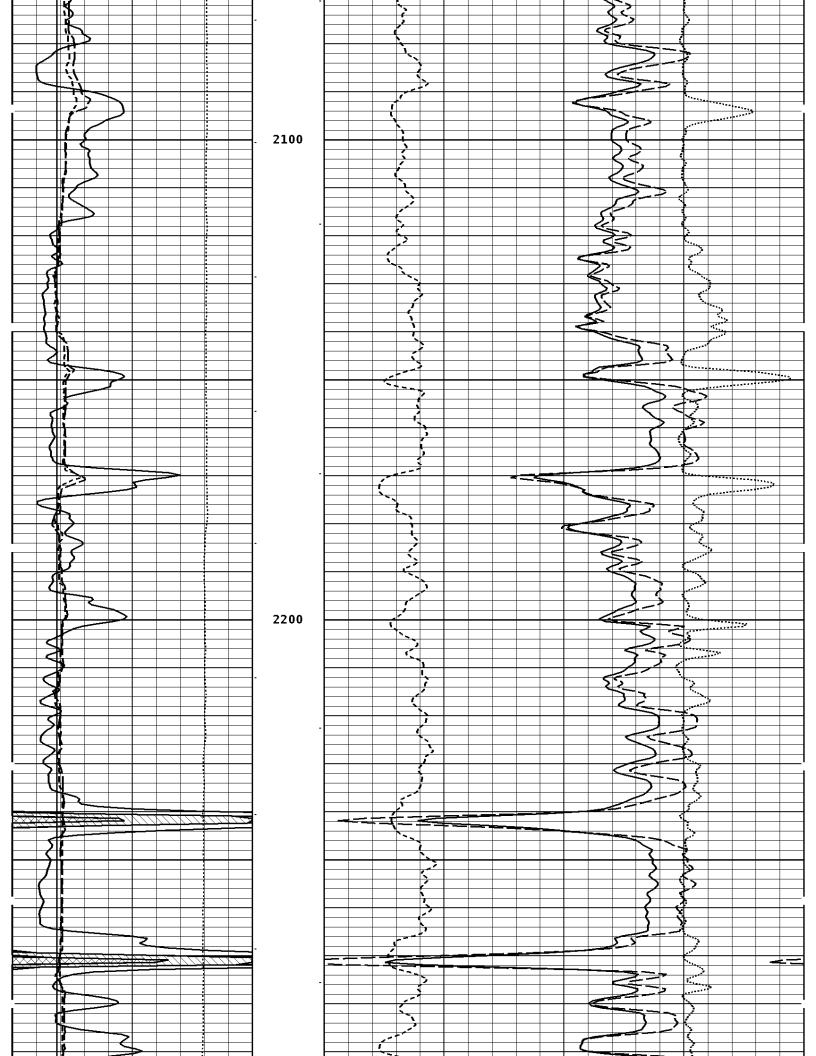


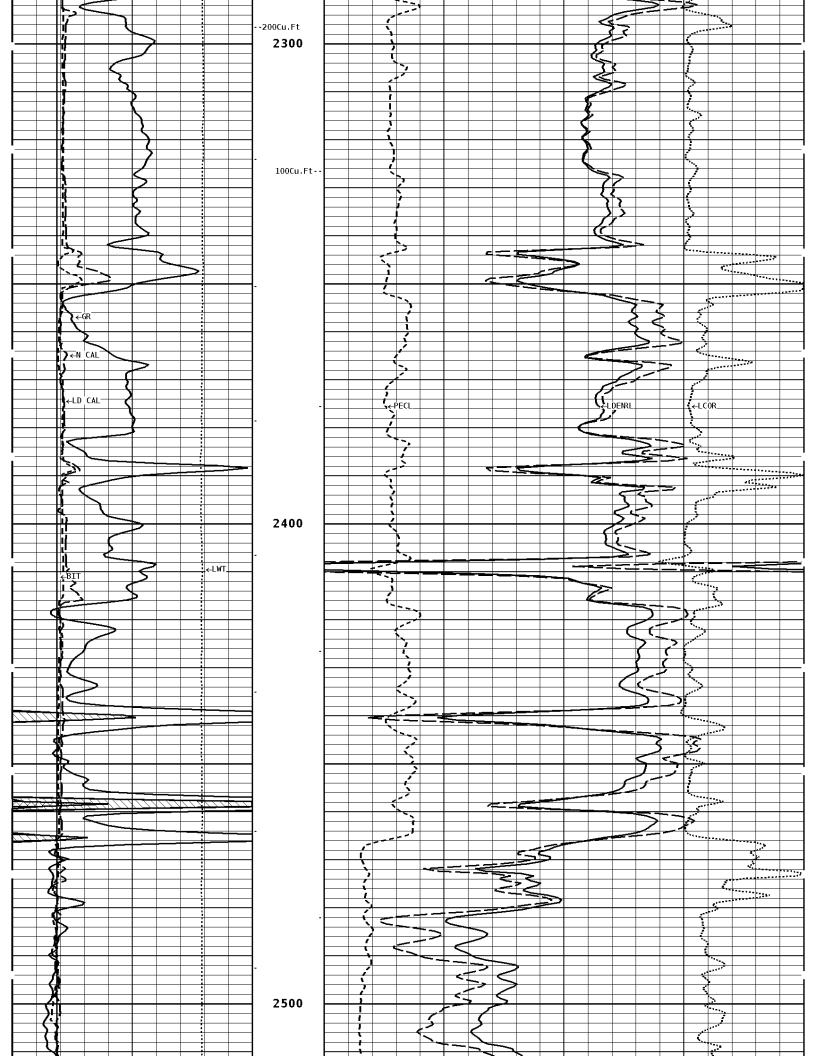


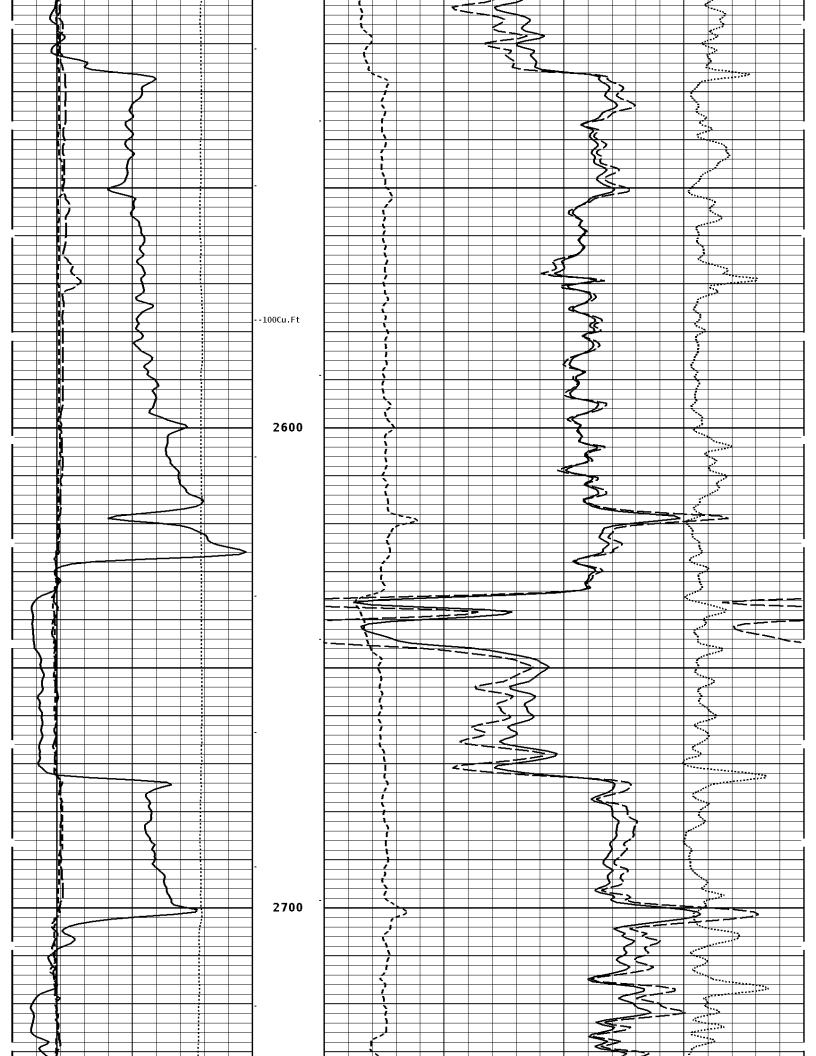


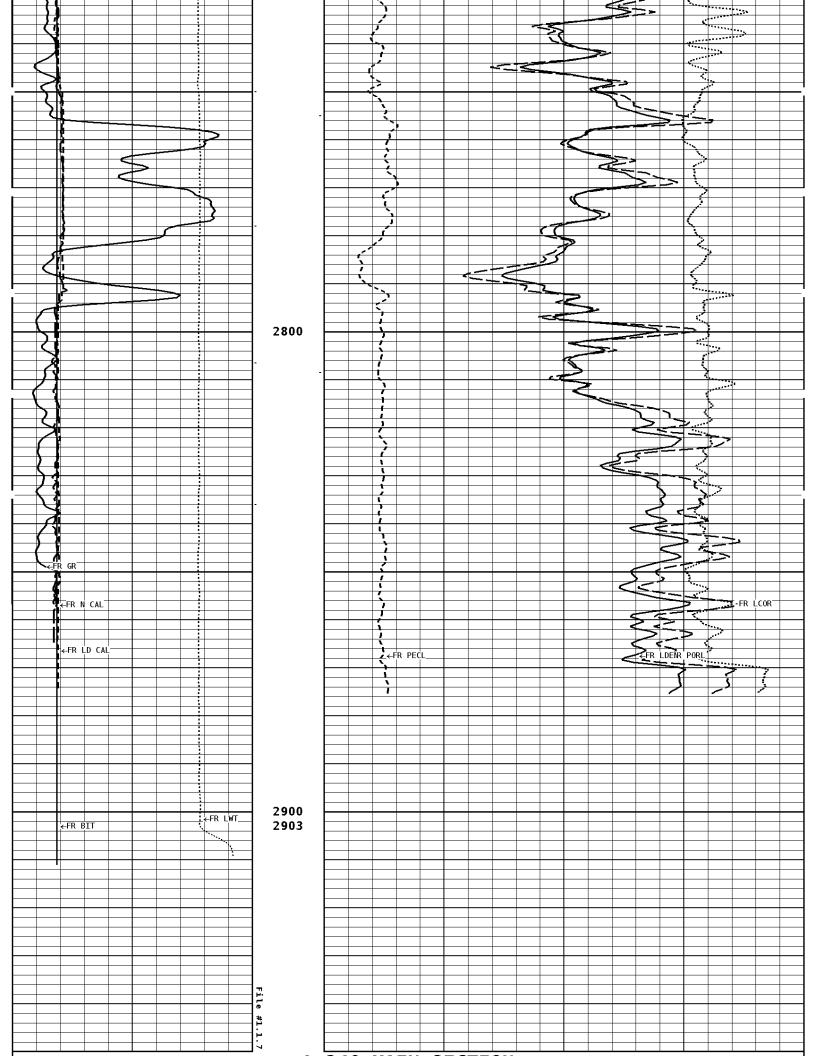


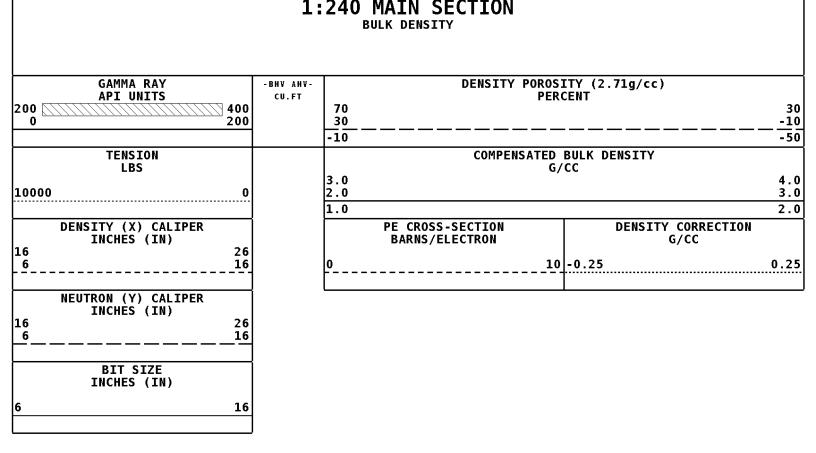












* Borehole Zone Factors *

| Zone 1 | 99999.0 | to | 0.0 Feet | |
|---|---------|----|-----------|--|
| Matrix Density Fluid Density Formation Matrix Drill Bit Size Casing Diameter Casing Correction (PH | HIN) | | Sandstone | |

* Calibration Summary *

| Shop Calibration GRT-FA | | | | | | | |
|--|--|--|---|-------|--|--|--|
| Performed : 22 Sensor Suite : SP | | Tim | e : 18:20 D : GRT-FA-074 | | | | |
| Label Values | K 72.3 kBq 12.8 % | U 2.3 kBq 10.8 ppm | Th 8.5 kBq 121.6 ppm | | | | |
| Measured Calibrated | 11.9 % 12.8 % | 40.2 ppm 10.8 ppm | 80.7 ppm 121.6 ppm | | | | |
| Window Back 1 2 3 4 5 6 7 8 9 | <pround 55 13 7 5 3 3 1 1 1 1</pround | Jig Ca 811 205 130 101 59 68 17 16 10 | librated 684 178 100 93 46 60 11 17 12 | | | | |
| Performed : 22 Sensor Suite : SP | | | e : 18:02 D : GRT-FA-074 | | | | |
| Background | | Units | Calibrated Jig | Units | | | |
| GR 123 | 1040 | CPS | 160 | GRAPI | | | |
| Shop Calibration CNT-AA | | | | | | | |
| Performed : 02 | -Jul-2014 | Tim | e : 09:45 | | | | |

| Sensor | Suite : CALI | BCN | ID : | TN : MNI-RR-103 | | | |
|---|---|--|---|---|---|--|--|
| CL # 1 | | Measured Ring#2 14.0 | Ring#1 | Calibrated Ring#2 12.0 | Units IN. | | |
| Sensor | ormed : 02-Ju Suite : BHC M ce ID : N-104 | NEUT | Time : ID : | 09:26 CNP-AA-024 | | | |
| N/F | Measured 3.9117 | Tank Calibrato 3.6893 20.5 | ed J | cation ig 916 0.5 | Units % | | |
| Porosity | 24.0 | | | 0.5 | *6 | | |
| Shop Calibration LDT-DF Performed : 02-JUL-2014 Time : 10:36 Sensor Suite : CALI-LTH ID : PDT-GA-464 | | | | | | | |
| CL # 1 | Ring#1 | Measured Ring#2 11.2 | Rinā#1 | Calibrated Ring#2 12.0 | Units IN. | | |
| Sensor | ormed : 02-JU Suite : BHCPM ce ID : 29910 | ELNG | Time : ID : | 10:16 LDP-DA-067 | | | |
| | | | t Space | _ | | | |
| LSW1 LSW2 LSW3 LSW4 LSW5 LSW6 LSW7 LSW8 QS PES SSDN | BKGD 65 67 244 301 41 63 49 12 0.132 | Al 1018 1203 2792 2601 73 67 51 13 0.129 2.600 | Mg 1652 1920 4522 3808 78 69 52 15 0.140 2.778 1.680 | Al+Fe 669 868 2373 2298 69 68 52 13 0.138 5.967 | Units CPS CPS CPS CPS CPS CPS CPS CPS G/CC | | |
| | BKGD | Lone Al | g Space Mq | Al+Fe | Units | | |
| LLW1 LLW2 LLW3 LLW5 LLW6 LLW7 LLW8 QL PEL LSDN | 109 137 455 504 55 162 101 3 0.232 | 1140 2050 3843 1835 63 155 98 6 0.225 2.600 | 4661 8151 14763 5918 114 149 96 16 0.219 2.697 1.680 | 694 1498 3311 1668 61 159 100 5 0.225 5.458 | CPS CPS CPS CPS CPS CPS CPS CPS CPS CPS | | |
| | | Shop Cal MST | | | | | |
| | ormed : 12-Ma Suite : CALI | ay-2014 -MSN | Time : ID : | MST-DA-057 | | | |
| CL # 1 | | Measured Ring#2 11.4 | Ring#1 | Calibrated Ring#2 12.0 | Units IN. | | |
| | ormed : 12-Ma Suite : MSTD/ | | Time : ID : | 11:13 MST-DA-057 | | | |
| | | | ernal | | | | |
| INV-V NOR-V IN-C | Measur Zero Refer 288.8 304 165.4 305 163.6 306 | rence Unit: 429.7 363.3 | | 1636.00 | Units MV MV UA | | |
| INV-R NOR-R | | | | 32.14 58.31 | ohmm ohmm | | |
| Perf Sensor | ormed : 12-Ma Suite : MSTD/ | ay-2014 AMSF | Time : ID : | 11:15 MST-DA-057 | | | |
| Internal Measured Calibrated | | | | | | | |
| MSFC | | rence Unit: | s Zero | Reference 1522.00 | Units UA | | |

| MSFB MOM1 | 32762.1 0.0 | 52824.9 42313.5 | 0.00 0.00 | 1522.00 1522.00 | MA MV | |
|----------------------------------|--------------------------|--------------------|--|--|--|--|
| MSFRA | | | | 43.30 | OHMM | |
| | | Company: | HAMILTON INVEST | MENTS LLC. | | |
| | | Well: | ENSZ #1 | | | |
| Tucker ENERGY SERVICES | | | 1650' FNL & 330 |)' FWL | | |
| | | Logged: | 07-09-2014 | | | |
| r SEF | IVICES | K.B. Elev: | 1446.0 Ft | | | |
| | ^{MOM1} MSFRA | MOM1 0.0 MSFRA | MOM1 0.0 42313.5 MSFRA Company: Well: Location: Logged: | MOM1 0.0 42313.5 0.00 MSFRA Company: HAMILTON INVEST Well: ENSZ #1 Location: 1650' FNL & 330 Logged: 07-09-2014 | MOM1 0.0 42313.5 0.00 1522.00 MSFRA 43.30 Company: HAMILTON INVESTMENTS LLC. Well: ENSZ #1 Location: 1650' FNL & 330' FWL Logged: 07-09-2014 | MOM1 0.0 42313.5 0.00 1522.00 MV MSFRA 43.30 0HMM Company: HAMILTON INVESTMENTS LLC. Well: ENSZ #1 Location: 1650' FNL & 330' FWL Logged: 07-09-2014 |