Assessment of Drilled Shaft Capacity and QA/QC from Measuring While Drilling BED31-977-09

#### **GRIP** Meeting

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#### Introduction

- The FDOT has developed and applied measuring while drilling (MWD) for the assessment of in situ rock strength for bored piles (ACIP piles and drilled shafts) and site investigation purposes (rock coring)
- Significant advancements in geotechnical exploration
- A better understanding of Florida's highly variable geology
- Improvements in deep foundation design and construction
- A new FDOT test method was developed
- "Measuring While Drilling (MWD) for Geotechnical Applications", designated FM 5-625



Florida Method of Test for Measuring While Drilling (MWD) for Geotechnical Applications

Designation: FM 5-625

1. Scope

This method describes the Measuring While Drilling (MWD) procedure to monitor and record drilling data during the drilling process for geotechnical applications. MWD is conducted using computenzed systems with sensors placed on the drilling to monitor a series of drilling parameters. The sensors continuously collect data for each monitored parameter, in real-time, without interfering with the drilling process. The monitored data typically are displayed in real-time and often recorded for further analysis. The continuous sampling produces high resolution profiles of individual and compound drilling parameters that can be used to quantify changes in subsurface conditions, assess geo-mechanical properties, as well as optimize drilling operations.

2. Drilling Equipment

Drill rigs and their accompanying equipment should be appropriately sized for the scope of the drilling application and MWD investigation. This includes a drill rig with sufficient power and stability to achieve the required drilling depth while maintaining a steady borehole; and drilling equipment such as drill rods, drill bits, and sensors that are robust enough to meet the demands of the drilling process while providing enough sensitivity to delineate changes in the subsurface strata via MWD. The drilling should also allow accurate and timely adjustments of the controlled drilling parameters.

For drilling applications such as rock coring that require fluid injection to remove drilled debris, the pump must have the following characteristics:

- Provides a constant flow rate independent of the injection pressure
- Has a sensitive and calibrated pressure gauge mounted on the pump outflow
   Allows a 30 in/s to 40 in/s cuttings return (dependent upon the fluid viscosity)

Prior to each MWD test, the straightness of drill rods must be inspected. Deviation from linear shall not exceed a tenth of an inch from the centerline per five-foot section of rod. Drill rods that fail to meet this criterion should be marked and removed from further use. Failure to do so may induce eccentric rotation and excessive vibration which invalidates the MWD test.

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#### Introduction

- Test method provides:
  - Overview of the general MWD approach
  - Guidance for developing MWD guidelines and procedures
  - Details the format in which MWD data should be reported
- Multiple variations of data recording and reporting may be generated
  - Various commercial and on-board drill rig monitoring systems
- Further investigation required to develop a universal format of analysis for all Florida bored pile QA/QC applications

### Project Background

- FDOT investigated the use of MWD for Auger Cast Piles (ACP) to provide QA/QC during pile installations in Miami-Dade
  - BDV31-977-125
- A new analysis tool was developed
  - Transformed time-referenced data collected from AME to depth-referenced data that is compatible for MWD strength assessment
- For ACPs, a time-referenced data format collected from AME is most commonly used in Florida, and the ACP analysis tool was developed specifically to accommodate the data format

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#### **Project Background**

- For drilled shaft MWD...
  - Time-referenced data
  - Depth-referenced data
  - Both data formats
- A new analysis tool needed to be developed to accommodate the possible variations in raw data recording and reporting
- Provide the FDOT with a reliable method of drilled shaft QA/QC analysis, regardless of the monitoring system used
- Contractors can utilize a variety of MWD systems
  - System does not have to produce depthreferenced data
  - Current constraint for full drilled shaft MWD implementation
- On-site and remote monitoring should be explored to improve the quality control portion of the of the QA/QC tool
  - Providing real time strength assessments that can be viewed by all stakeholders

#### **Project Objectives**

- 1. Using FDOT MWD criteria (FM 5-625), develop a versatile data analysis tool that will be used to provide drilled shaft MWD QA/QC
- 2. Conduct a feasibility study to identify the requirements of providing on-site and remote monitoring capabilities to enhance the QA/QC method
- 3. Monitor at least one load tested shaft and three production shafts at three independent sites to develop correlations for QA/QC purposes
- 4. Provide a QA/QC report for all shafts monitored during the research
- 5. Compare test results with previously derived correlations

#### **Tasks and Deliverables**

- Deliverable 1 Establish drilled shaft MWD data reduction criteria and procedures (Task 1)
- Deliverable 2 On-site and remote monitoring implementation feasibility study (Task 2)
- Deliverable 3 MWD specific energy vs. drilled shaft side shear correlation (Task 3)
- Deliverable 4 MWD correlation validation for drilled shaft QA/QC (Task 4)
- Deliverable 5a Draft Final (Task 5)
- Deliverable 5b Closeout Meeting (Task 5)
- Deliverable 6 Final Report (Task 6)



Task 1 – Establish Drilled Shaft MWD Data Reduction Criteria and Procedures for QA

- Task 1 has two subtasks
  - (1a) Developing specification language
  - (1b) Developing a new versatile data analysis tool for drilled shaft QA/QC purposes (Beta Version)
  - Purchase of new MWD system (LIM)
- Provides the FDOT...
  - Necessary spec language to convey proper MWD requirements to the contractor during bidding, or prior to construction
  - Necessary data analysis tool to process and evaluate the raw MWD data received from the contractor to provide quality assurance (QA)



#### Task 1a – Development of Specification Language

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- Identify MWD systems currently available
  - On-board, in-house, and commercially available systems
- Develop spec language that includes data recording and data formatting requirements
- Specification language will detail construction requirements for the contractor
  - Ensures each drill rig has the appropriate monitoring equipment installed and calibrated
  - Data logging capabilities to supply the FDOT with the necessary electronic records for drilled shaft MWD QA.

### Task 1a – Development of Specification Language

- On-board MWD Systems
  - Bauer's B-tronic System
  - Liebehrr's Litronic System
  - Soilmec's Drilling Mate System (DMS)
- Commercially Available MWD Systems
  - Jean Lutz' DIALOG MX System
  - LiM's PocketLIM System
  - Gamperl & Hatlapa's DaVis Systems
  - DAT Instruments' WideLog or TinyLog Systems
  - Pile Dynamics' Pile Installation Recorder (PIR) System
- In-house MWD Systems
  - Keller's Pile Installation Monitoring System (PIMS)
- Every system can produce time-referenced data at 1Hz
  - FM 5-625 requirement for FDOT Bored Pile Class 1



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# Task 1a – Development of Specification Language

- UF Researchers submitted draft spec language for Drilled Shaft MWD:
- FDOT Standard Specifications for Road and Bridge Construction – Section 455
  - Section 455-15.1.2 Drilled Shaft Installation Plan (DSIP)
  - Section 455-15.1.3.1 Measuring While Drilling (MWD)
  - Section 455-15.10.5 MWD Equipment
  - Section 455-15.10.6 MWD Measurements
- Florida Method of Test (FM 5-625)
  - Section 3.6.1 Minimum Accuracy of Measured Values

#### Section 455-15.1.2 Drilled Shaft Installation Plan

- Drill rig make and model
- Drill rig serial number (affixed to the drill rig)
- Maximum torque (Tmax)
- Maximum operating pressure (OPmax)
- Hydraulic flow rate (QH)
- Maximum displacement (δmax)
- Minimum displacement (δmin)
- Number of hydraulic motors (X)
- Gearcase reduction for first gear (R1)
- Gearcase reduction for second gear (R2)
- Gearcase reduction for additional gears (Rn)
- Maximum crowd (Fmax)
- Type and size of planned drilling tools including but not limited to auger bits, core barrels and drilling buckets
- Data acquisition system identification and capabilities
- Drill rig sensor identification, specifications, and calibration records



#### Task 1b – Development of the Data Analysis Tool – Beta Version

- The monitoring systems onboard the drilled shaft drill rigs, and the format in which the drilling parameters may be recorded and reported were unknown
- New raw data processing criteria and procedures needed to be developed to accommodate the data, regardless of the format
  - Data layout
  - File type
    - e.g., .xlsx, .csv, .txt, .guh, etc.
- The research team considered:
  - Prior MWD data collected in various formats
  - Obtained sample drilling data from commercial vendors
  - Simulated large data sets (1 million rows of data)
    - 16 hrs of drilling at 20 Hz
  - Investigated multiple file types for reported data
- Allowed UF to develop initial processing criteria and a preliminary analysis tool (Beta Version)

### ACIP Pile Analysis Tool

#### **Advantages**

- The Excel-based graphical user interface (GUI) is easy to navigate and understood by most engineers, which is ideal for consultants who are new to MWD
- FDOT geotechnical engineers have received prior training and are familiar with the augercast pile analysis tool layout. It would be ideal to keep as much functionality as possible to alleviate confusion
- Efficient for customized layer analyses
- Worked well when the number of data rows to be considered prior to analysis is low
- Capable of analyzing up to ten piles in a short amount of time

#### Disadvantages

- Large data sets with a significant amount of data rows degraded functionality and often result in a crash
- Each raw data set had to be manually dropped into the excel sheet which can be time consuming and leaves room for error
- Debugging programming issues was very difficult and time consuming
- Tracking multiple versions for various levels of analysis was very difficult and time consuming to manage when upgrades or fixes are needed
- Not ideal for increased sampling rates
- File sizes of the prior analysis tool are too large
   40 to 50 MB
- Not ideal for real time on-site and remote QC monitoring implementation

\*Excel-based analysis tool should be developed but with a standalone executable added as an extension to handle much larger data sets, perform complex calculations, reduce complex Excel functions, and to provide compatibility for future real time on-site and remote QC monitoring 14

#### **FLMWD** Analysis Tool

- UF research team assessed programming languages and decided <u>Python</u> was the most ideal for the current state of MWD analyses and for future development
  - Versatile and powerful programming language that offers several benefits
  - Easy to learn and read, has clean and readable syntax, which allowed us to quickly write code and focus on problem-solving
    - Offers a significant collection of libraries and modules that speed up development
  - Can be used for web development, data analysis, scientific computing, artificial intelligence, machine learning, and automation
  - Can seamlessly integrate with Microsoft Excel, providing enhanced capabilities
    - Data processing and analysis, automation of repetitive tasks, advanced analysis, custom functionality, and scalability



### FLMWD Analysis Tool Workflow

- New MWD analysis tool utilizes python to perform the background calculations
  - No longer have to copy and paste data or files into analysis tool
    - Imports all data and files from folders
    - Never have to open a single drilling file to analyze your MWD data
  - Much smaller file sizes
    - > 3MB compared to 40 to 50 MB
  - Easier to track changes during upgrades and modifications
- Provides a similar user interface (UI) to ACIP analysis tool
  - Specific energy threshold and layers can be adjusted without triggering the program to reanalyze the data



### Agreement

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  | eport Geo<br>Developer<br>MWD Bore<br>estove (psi)<br>1,728<br>(WD Bored P<br>estove (psi)   
   
   | Stat Help<br>Help<br>AN<br>Ad Pile QA/Q<br>Lpite (th)<br>94.0<br>ile QA/QC -1<br>Layer (th)   
   | Acrobat F<br>Acrobat F<br>CAnalysis<br>Lrock (ft)<br>94.0<br>.ayer Analysi<br>Lrock (t)  | Power Pivot<br>AP<br>E <sub>T</sub> (kip.ft)<br>114,837<br>is<br>E <sub>T</sub> (kip.ft)   
  | AQ A<br>eadjusted (psi)<br>1,728   
  | d AS<br>   | Speci<br>Adjusted<br>20,000 40   | AT<br>ific Energy<br>o - Adji<br>Total En<br>0,000 60,0  | AU<br>y QA/QC<br>isted - Laye<br>ergy, E <sub>7</sub> (ki<br>10 80,000  
   | AV<br>Profile<br>r Tot<br>p-ft)<br>100,000 12   | al Energy<br>20,000 140  |
| Ve COP R<br>Home Inse<br>Ve I P<br>File Name<br>97W 3-1.xlsx<br>fireshold (psi)<br>0<br>D assessments<br>Segment<br>17<br>16   
  | Page Layout To<br>A Page Layout  
   
   | rmulas Data Strength A<br>rmulas Data Revi<br>C K<br>MWD Data<br>FDOT Quality Class 1<br>8<br>Elevation 2 (M)<br>3 40   
  | RLMAD<br>RLMAD<br>ew View<br>AK<br>Pile Ek<br>ELTOP (fl)<br>13.40<br>Count<br>151<br>152   
  | le Summary R<br>Reta1.2 V<br>Automate<br>AL<br>evations<br>ELsor (tt)<br>-80.63<br>% of Rock<br>100.0%   
   
  | AM<br>Developer<br>AM<br>MWD Bor<br>0atore (psi)<br>1,728<br>MWD Bored P<br>6atore (psi)<br>1,103<br>839<br>839  
   | Stat<br>Help<br>AN<br>AN<br>Lpite (ft)<br>94.0<br>11<br>Layer
(ft)<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0<br>5.0  
  | Search Acrobat F AC CAnalysis Lrock (ft) 94.0 Cover Analysi Lrock (ft) 5.0 5.0   | Power Pivot<br>AP<br>Er (kip-ft)<br>114,837<br>is<br>Er (kip-ft)<br>3,924<br>2,955  
   | AQ //<br>e_adjusted (psi)<br>1,728<br>e_adjusted (psi)<br>1,103<br>837  
   | 4 AS<br>   | Speci<br>Adjusted  | AT<br>ffic Energy<br>Total En<br>Total En<br>0,000 60,00   | AU<br>y QA/QC<br>isted - Laye<br>ergy, Ε <sub>τ</sub> (ki<br>0 80,000  
  | AV<br>Profile<br>r — Tot<br>p-ft)<br>100,000 12   | al Energy<br>20,000 140  |
| Home Inse<br>Home Inse<br>File Name<br>37W-3-1.xtsx<br>Ihreshold (psi)<br>0<br>D assessments<br>Segment<br>17<br>15<br>14  
  | AZ Increment (cm)<br>1.00<br>Segment at 1.00<br>Segment at 1.00<br>Segment at 2.00 Exercise<br>at 1.00 Denetration -<br>Elevation 1(0)<br>9.40<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.   
   
   | rmulas Data Revi<br>Analyze<br>MWD Data<br>Elevation 2 (1)<br>2 (1  
  | AK         Pile Ek           Plie Ek         Topological           Count         13.40           Count         151           152         153           153         152   
  | le Summary R<br>.eta12 V<br>Automate<br>AL<br>evations<br>ELaor (ft)<br>.eta6.53<br>% of Rock<br>100.0%<br>100.0%<br>100.0%  
   
  | AM         Operation           AM         Monte           MWD Bore         Peration           1,728         AWD Bored P           AWD Bored P         Pabove (psi)           1,103         339           627         1,003   
   | AN<br>Help<br>AN<br>Del Pilo (A/Q)<br>94.0<br>10 (A/Q)<br>10 (A/Q)  
   | Acrobat         F           AC         AC           AC   | Power Pivot<br>Er (kip-ft)<br>114,837<br>is<br>Er (kip-ft)<br>3.924<br>2.955<br>2.935<br>3.555   
   
  | AQ 2<br>e_adjunted (pti)<br>1,728<br>0_adjunted (pti)<br>1,103<br>837<br>1,005  | 4 AS   | Speci  | AT<br>ific Energ<br>— e - Adj<br>Total En<br>0,000 60,00   
   | AU<br>y QA/QC<br>isted - Laye<br>ergy, E <sub>7</sub> (ki<br>10 80,000  | AV<br>Profile<br>r — Tol<br>p-ft)<br>100,000 12   | al Energy<br>20,000 140  |
| we con         me           Home         Inse           w         I           A         File Name           File Name         I/W-3-1.x1xx           hreshold (psi)         0           0         D assessments           16         15           14         13           12         12  
  | Are line of line only     Are line only  
   
   | rmulas Data Strength A<br>rmulas Data Revie<br>Analyze<br>MWD Data<br>FOOT Guality Class 1<br>8<br>Elevation 2 (th<br>6<br>6<br>10<br>6<br>6<br>10<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6<br>6   
  | Inalysis         P           FLMWD         FLMWD           AK         View           AK         Pile EL           EL_top (ft)         13.40           Count         151           152         153           153         152           153         153  
   
  | le Summary Ri<br>Leta12 ~<br>Automate<br>44<br>44<br>46<br>40.63<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%   
  | AM         Geo           Developer         AM           MWD Bore         Babove (psi)           1,728         AMM Bored P           MWD Bored P         6above (psi)           1,103         839           627         1.008           1,209         1.437   
   | AN           AN           Deline QA/Q           Lpite (ft)           94.0           5.0           5.0           5.0           5.0           5.0   
   
   | Acrobat         F           AO         C           Analysis         Lresk (ft)           94.0         Source Analysis           Lross (ft)         Source Analysis           Lross (ft)         Source Analysis           Source Analysis         Source Analysis           Lross (ft)         Source Analysis           Lross (ft)         Source Analysis           Lross (ft)         Source Analysis           Lross (ft)         Source Analysis           Source Analysis         Source Analysis           Lross (ft)         Source Analysis </td <td>Power Pivot<br/>AP<br/>Er (hip-ft)<br/>114,837<br/>is<br/>Er (hip-ft)<br/>3,924<br/>2,953<br/>3,655<br/>3,655<br/>3,655<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,285<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,485<br/>4,</td> <td>AQ 4<br/>e_stjunted (psi)<br/>1,728<br/>0.40putod (psi)<br/>1,053<br/>627<br/>1,005<br/>1,209<br/>1,433</td> <td></td> <td>Speci<br/>Adjusted<br/>20,000 40</td> <td>AT<br/>ific Energy<br/>e - Adju<br/>Total En<br/>0,000 60,0</td> <td>AU<br/>y QA/QC<br/>isted - Laye<br/>ergy, E<sub>7</sub> (ki<br/>00 80,000</td> <td>AV<br/>Profile<br/>r — Tot<br/>p-ft)<br/>100,000 12</td> <td>AV</td> | Power Pivot<br>AP<br>Er (hip-ft)<br>114,837<br>is<br>Er (hip-ft)<br>3,924<br>2,953<br>3,655<br>3,655<br>3,655<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,285<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,485<br>4,  
   | AQ 4<br>e_stjunted (psi)<br>1,728<br>0.40putod (psi)<br>1,053<br>627<br>1,005<br>1,209<br>1,433   |   
  | Speci<br>Adjusted<br>20,000 40   | AT<br>ific Energy<br>e - Adju<br>Total En<br>0,000 60,0  | AU<br>y QA/QC<br>isted - Laye<br>ergy, E <sub>7</sub> (ki<br>00 80,000  | AV<br>Profile<br>r — Tot<br>p-ft)<br>100,000 12  
  | AV   |
| we cook         image: cook           Home         Insec           A         image: cook           Filth Name         image: cook           VD assessments         0           15         15           15         14           13         12           10         10   
  | seet         info         Enter Drill           Y         S         S           A         Incernent (cm)         1.00           Segment         Segment         Segment           1         1.00         Segment           2         Segment         Segment           1         1.00         Segment           1         Segment         Segment           1         1.00         Segment           1         Segment         Segment           1   
   
   | IF IIG Data Strength A<br>rmulas Data Revie<br>Analyze<br>MWD Data<br>EDOT Quality Class 1<br>8<br>Elevation 2 (th<br>4.0<br>4.0<br>4.0<br>4.0<br>4.0<br>4.0<br>4.0<br>4.0<br>4.0<br>4.0  
  | Inalysis         P           FLMWD         FLMWD           ew         View           AK         Pile Eld           ELrop (ft)         13.40           Count         152           153         152           152         153           152         152           152         152           152         152  
   
  | le Summary R/<br>Beta12 ~<br>Automate<br>Automate<br>Automate<br>ELsor (ft)<br>80.63<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%   
  | AM         MwD Bor           MWD Bored P         9           1,728         1,728           MWD Bored P         9           1,728         1,003           1,003         1,209           1,209         1,437           1,817         1,817   
   | AN           Help           AN           Dd Pile QA/Q           Lpile (ft)           94.0           10 QA/QC           50           50           50           50           50           50           50           50           50           50           50           50                
   
   | Acrobat         F           Acrobat         F           AC         C Analysis           Lrock (ft)         94.0           ayor Analysis         Construction           Lrock (ft)         5.0           5.0         5.0           5.0         5.0           5.0         5.0  | Power Pivot<br>AP<br>Er (kip-ft)<br>114,837<br>is<br>Er (kip-ft)<br>3,922<br>2,953<br>2,933<br>3,553<br>4,288<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,645<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,755<br>6,   
  | AQ 2<br>exclusion (PM)<br>1,728<br>exclusion (PM)<br>1,103<br>877<br>1,005<br>1,209<br>1,433<br>2,130<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1,617<br>1   
  | 4 AS<br>20<br>10<br>-10  | Speci<br>Adjusted  | AT<br>fific Energy<br>— e - Adje<br>Total En<br>0,000 60,0   | AU<br>y QA/QC<br>isted - Laye<br>ergy, E <sub>7</sub> (ki<br>10 80,000  
   | AV<br>Profile<br>r Tot<br>p-ft)<br>100,000 12   | al Energy<br>20,000 140  |
| we cook         image: a constraint of the second seco   
  | set         info         Enter Dril           Y         S         S           Y         F         S           A2 Incernent (cm)         1.00           Segment         S           1         Cm Opertraino-           34 C m O penetration-         13.40           8:40         -7.60           9:41         -7.60           9:42         -7.60           9:43         -7.60           9:44         -7.60           9:45         -7.60           9:45         -7.60           9:45         -7.60           9:45         -7.60           9:45         -7.60           9:45         -7.60           9:45         -7.60           9:45         -7.60           9:45         -7.60           9:45         -7.60           9:45         -7.60           9:45         -7.60           9:45         -7.60           9:45         -7.60           9:45         -7.60           9:45         -7.60           9:45         -7.60           9:45         -7.60           9:45         <  
   
   | rmulas Data Strength A<br>rmulas Data Revi<br>Analyze<br>MWD Data<br>FDOT Quality Class 1<br>8<br>Elevation 2 (8)<br>- 16 (6)<br>- 1  
  | Inalysis         P           FLMWD         FLMWD           ew         View           AK         Pile Eld           Pile Eld         ELTOP (ff)           13.40         152           153         152           152         153           152         152           153         152           152         155           155         155   
  | le Summary R/<br>Reta12 ~<br>Automate<br>Automate<br>Automate<br>ELsor (ft)<br>-80.63<br>% of
Rock<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%   
  | Pport         Geo           Developer         AM           MWD Borc         P           0 above (psi)         1,728           MWD Borced P         P           0 above (psi)         1,728           MWD Borced P         2           1,003         1,209           1,209         1,437           1,817         1,817           1,122         1,122  
   | AN           Help           AN           Define QA/QC           Ite QA/QC           State           0           50  
   | Acrobat         F   
  | AP<br>Er (kip-ft)<br>114,837<br>is<br>Er (kip-ft)<br>3,922<br>2,953<br>3,655<br>3,655<br>4,285<br>6,066<br>4,265<br>6,066<br>4,265<br>6,066<br>6,444<br>6,444<br>6,444<br>6,444<br>6,396<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,622<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7,722<br>7   
  | AQ 2<br>exclusion (psi)<br>1,728<br>exclusion (psi)<br>1,103<br>8,77<br>1,005<br>1,209<br>1,423<br>2,130<br>1,617<br>1,242<br>1,1242<br>1,1242<br>1,1242<br>1,1242<br>1,1242<br>1,1242<br>1,1242<br>1,1242<br>1,1242<br>1,124<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,125<br>1,1  | 4 AS<br>20 0<br>10 0<br>-10 -20  
   | Speci<br>Adjusted  | AT<br>ific Energ<br>o - Adj<br>Total En<br>Jood 60,00  | AU<br>y QA/QC<br>isted - Laye<br>ergy, E <sub>T</sub> (ki<br>10 80,000  | AV<br>Profile<br>r — Tol<br>p-ft)<br>100,000 12   
   | al Energy<br>20,000 140  |
| No.         Control (Control (Contro) (Control (Contro) (Control (Contro) (Contro) (Cont   
  | set         info         Enter Online           Y         S         S           Y         Fage Layout for         S           A2 Incomment (cm)         1.00         Segment           1         Cm Openetration = 10         S           8         Cm Openetration = 10         S           1         Cm Openetration = 10         S           1         Segment and Elevation 10%         S           3         S         S         S           1         S         S         S           3         S         S         S           3         S         S         S           3         S         S         S           3         S         S         S           3         S         S         S           3         S         S         S           3         S         S         S           3         S         S         S           3         S         S         S           3         S         S         S           3         S         S         S           3         S         S  
   
   | C         Analyze           MWD Data         Revi           Elevation 2 (th)         8.40           - 6         - 6.40           - 7.60         - 7.60           - 7.60   
  | Inalysis         P           FLMAVD         FLMAVD           ew         View           AK         Pile Ek           Pile Ek         FLTOP (ft)           13.40         152           155         155 <t< td=""><td>In Summary R<br/>In Summary
R<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate<br/>Automate</td><td>AM         Geo           Developer         AM           MWD Bore         0           1,728         4           MWD Bored P         0           1,729         1,103           1,103         1,103</td><td>AN           bd Pile QA/QC           1           Lpite (th)           94.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0</td><td>Acrobat         F           ACrobat         F           AO         F           AO         F           CAnalysis         Lrose (R)           Lrose (R)         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0</td><td>20wer Pivot<br/>AP<br/>Er (kip-ft)<br/>114,837<br/>is<br/>Er (kip-ft)<br/>3,922<br/>2,953<br/>3,653<br/>4,285<br/>5,066<br/>4,458<br/>3,967<br/>3,282<br/>6,444<br/>4,388<br/>3,987<br/>3,285<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,403<br/>5,</td><td>AQ 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A5<br/>20<br/>10<br/>-10<br/>-20<br/>20<br/>0<br/>-10<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-2</td><td>Speci<br/>Adjusted</td><td>AT<br/>ffic Energ<br/>o e - Adj<br/>Total En<br/>0,000 60,0</td><td>AU<br/>y QA/QC<br/>isted - Lape<br/>ergy, Er (b)<br/>80,000</td><td>AV<br/>Profile<br/>r — Tot<br/>Tot<br/>100,000 12</td><td>AV AV</td></t<>   | In Summary R<br>In Summary R<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate   
  | AM         Geo           Developer         AM           MWD Bore         0           1,728         4           MWD Bored P         0           1,729         1,103           1,103         1,103   
   
   | AN           bd Pile QA/QC           1           Lpite (th)           94.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0           5.0  
   | Acrobat         F           ACrobat         F           AO         F           AO         F           CAnalysis         Lrose (R)           Lrose (R)         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0  | 20wer Pivot<br>AP<br>Er (kip-ft)<br>114,837<br>is<br>Er (kip-ft)<br>3,922<br>2,953<br>3,653<br>4,285<br>5,066<br>4,458<br>3,967<br>3,282<br>6,444<br>4,388<br>3,987<br>3,285<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,403<br>5,   
  | AQ 4<br>espusied (psi)<br>1,728<br>espusied (psi)<br>1,728<br>espusied (psi)<br>1,728<br>espusied (psi)<br>1,728<br>espusied
(psi)<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728  | 4 A5<br>20<br>10<br>-10<br>-20<br>20<br>0<br>-10<br>-20<br>-20<br>-20<br>-20<br>-20<br>-20<br>-20<br>-20<br>-20<br>-2  | Speci<br>Adjusted  | AT<br>ffic Energ<br>o e - Adj<br>Total En<br>0,000 60,0   
  | AU<br>y QA/QC<br>isted - Lape<br>ergy, Er (b)<br>80,000   | AV<br>Profile<br>r — Tot<br>Tot<br>100,000 12   | AV AV  |
| Mon         Inse           A         Inse           A         Inse           A         Inse           Bile Name         Inse           VIV 3.1 x ks         Inse           Breshold (psi)         0           D assessments         Inse           Segment         16           16         12           11         10           9         14           13         2           11         0           10         5           6         5           4         3  
  | set         info         finer Dril           Info         Finer Dril         Info           Info         Fage Layout         Fo           AZ Increment (cm)         I.00         Segment           1         Cm Openetsion         Segment           1         Cm Openetsion         I.00           Segment         I.10         Segment           1         Cm Openetsion         I.00           Segment and Elevation         Segment and I.00           1.00         Segment and I.00         Segment and I.00           1.01         Segment and I.00         Segment and I.00           1.01         Segment and I.00         Segment and I.00   
   
   | C         Analyze           MWD Data         Revi           Elevation 2 (ft)         8.40           160         7.60           -2.516         8.40           -3.60         -7.60           -3.60         -7.60           -3.60         -7.60           -3.60         -7.60           -3.60         -7.60           -3.60         -7.60           -3.60         -7.60           -3.60         -7.60           -4.60         -7.60           -7.60         -7.60           -7.60         -7.60           -7.60         -7.60           -7.60         -7.60           -7.60         -7.60           -7.60         -7.60           -7.60         -7.60           -7.60         -7.60           -7.60         -7.60           -7.60         -7.60           -7.60         -7.60           -7.60         -7.60           -7.60         -7.60           -7.60         -7.60           -7.60         -7.60           -7.60         -7.60           -7.60         -7.60           -  
  | Inalysis         P           FLMAVD         FLMAVD           ew         View           AK         Pile Ek           Pile Ek         FLTOP (ft)           13.40         1351           1553         1552           1553         1552           1553         1552           1553         1552           1552         1552           1553         1552           1552         1552           1552         1552           1552         1552           1552         1552           1552         1552           1552         1552           1552         1552           1552         1552           1552         1552           1552         1552           1552         1552           1552         1552           1552         1552           1552         1552           1552         1552           1552         1552           1553         1552           1553         1552           1553         1552           1553         1552  
   
  | In Summary R<br>In Summary R<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate<br>Automate   
  | AM         Geo           Developer         AM           MWD Bore         0           0.atove (psi)         1.103           1.728         0.229           1.030         0.319           0.4000         0.319           1.031         0.319           1.032         0.319           1.032         0.319           1.033         0.319           1.033         0.319           1.122         0.323           0.3966         3.966           2.297         2.297   
   | AN           Help           Help           AN           Ded Pile QA/Q           Lyser (h)           S0  
   
  | Acrobat         F           ACrobat         F           AO         F           AO         F           CAnalysis         Lrost (R)           Lrost (R)         5.0           Sono         5.0   | Power Pivot<br>AP<br>Er (kip-ft)<br>114,837<br>is<br>Er (kip-ft)<br>3,924<br>2,935<br>3,952<br>4,293<br>3,952<br>4,293<br>3,954<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,293<br>4,  
   | AQ<br>escjusted (P4I)<br>1,728<br>escjusted (P4I)<br>1,728<br>e   | 4 A5<br>20 0<br>10 -<br>-10 -<br>-20 -<br>40 -<br>-10 -<br>-20 | Speci  | AT<br>—e - AQ<br>Total En<br>Total En<br>0,000 60,00  
  | AU<br>y QA/QC<br>y QA/QC<br>y QA/QC<br>x QA/QC | AV<br>Profile r — Tof<br>100,000 12   | AV AV  |
| w         Image: Constraint of the second secon  
   | sete         100         Enter Dril           7         5         5           rt         Page layout         fo           6         6         6           100         5         6           2         8         6           1         10         6           2         10         7           3         4         1         6           1         10         10         10           1         100         100         10           3         40         3.40         4.40           3         100         116         60           3         160         3.16         6.16           3         100         3.16         6.16           3         100         3.16         6.16           3         100         3.16         6.16           3         100         3.16         6.16           3         100         3.16         6.16           3         100         3.16         6.16           3         100         3.16         6.16           3         100         3.16         6.16   
   
  | Big Data         Strength A           rmulas         Data         Review           C         Mathematical A         Review           MWD Data         Model A         Review           FOOT Guality Class 1         8         8           Total Class 2         8         8           Foot Guality Class 1         8         8           - 16 G         - 46         - 46           - 36 G         - 36 G         - 36 G           - 46 G         - 46 G         - 46 G           - 46 G         - 46 G         - 46 G           - 47 G         - 47 G         - 47 G           - 47 G         - 46 G         - 46 G           - 46 G         - 46 G         - 47 G           - 47 G         - 47 G         - 47 G           - 47 G         - 47 G         - 47 G           - 47 G         - 47 G         - 47 G           - 47 G         - 47 G         - 47 G           - 47 G         - 47 G         - 47 G           - 47 G         - 47 G         - 47 G           - 47 G         - 47 G         - 47 G           - 47 G         - 47 G         - 47 G           - 47 G         - 47 G <td>Inalysis         P           FLMWD         FLMWD           AK         View           AK         Pile El           EL:ror (ft)         13.40           Count         151           152         152           153         152           152         153           152         152           153         152           152         153           152         153           152         153           152         153           152         153           152         153           152         153           152         153           152         153           152         153           152         153           152         153           153         152           153         152           153         152           153         153           153         153           153         153           153         153           153         153           153         153           153         153</td> <td>le Summary R<br/>(Stal 2 ~<br/>Automate<br/>At<br/>ELsor (1)<br/>-80.63<br/>5 of Rock<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>1</td> <td>AM         MwD           Developer         AM           MWD Bor         0.8000           0.8000         0.8000           1.728         4000           MWD Bored P         0.8000           0.1030         0.930           1.903         1.933           1.903         1.437           1.122         1.333           1.933         1.933           1.945         1.650           1.945         1.650</td> <td>AN           Help           Help           AN           Ded Pile QA/Q           Lyser (h)           B4.0           S0           S0</td> <td>Acrobat         F           Acrobat         F           Acrobat         F           C Analysis         Lrost (n)           94.0         Source (n)           Source Analysis         Source (n)</td> <td>Power Pivot<br/>AP<br/>Er (kip-ft)<br/>114,837<br/>is<br/>Er (kip-ft)<br/>3,924<br/>2,953<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>3,555<br/>4,293<br/>4,293<br/>5,555<br/>4,293<br/>5,555<br/>4,293<br/>5,555<br/>5,493<br/>5,493<br/>5,555<br/>5,493<br/>5,493<br/>5,555<br/>5,493<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,555<br/>5,493<br/>5,595<br/>5,493<br/>5,595<br/>5,493<br/>5,595<br/>5,493<br/>5,595<br/>5,495<br/>5,495<br/>5,595<br/>5,495<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,595<br/>5,</td> <td>AQ 7<br/>escipated (P41)<br/>1,720<br/>0.300000
(P41)<br/>1,720<br/>0.30000<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,2</td> <td>20<br/>20<br/>10<br/>-10<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-2</td> <td>Speci</td> <td>AT<br/>or - Adj<br/>Total En<br/>0,000 60.0</td> <td>AU<br/><b>y QA/QC</b><br/>stad - Laye<br/>ergy, Er, (ki<br/>0 80,000</td> <td>AV<br/>Profile<br/>r ——Tofile<br/>100,000 12</td> <td>AV AV</td>  | Inalysis         P           FLMWD         FLMWD           AK         View           AK         Pile El           EL:ror (ft)         13.40           Count         151           152         152           153         152           152         153           152         152           153         152           152         153           152         153           152         153           152         153           152         153           152         153           152         153           152         153           152         153           152         153           152         153           152         153           153         152           153         152           153         152           153         153           153         153           153         153           153         153           153         153           153         153           153         153  
  | le Summary R<br>(Stal 2 ~<br>Automate<br>At<br>ELsor (1)<br>-80.63<br>5 of
Rock<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>1  
   | AM         MwD           Developer         AM           MWD Bor         0.8000           0.8000         0.8000           1.728         4000           MWD Bored P         0.8000           0.1030         0.930           1.903         1.933           1.903         1.437           1.122         1.333           1.933         1.933           1.945         1.650           1.945         1.650   
  | AN           Help           Help           AN           Ded Pile QA/Q           Lyser (h)           B4.0           S0  
   | Acrobat         F           Acrobat         F           Acrobat         F           C Analysis         Lrost (n)           94.0         Source (n)           Source Analysis         Source (n)   
  | Power Pivot<br>AP<br>Er (kip-ft)<br>114,837<br>is<br>Er (kip-ft)<br>3,924<br>2,953<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>3,555<br>4,293<br>4,293<br>5,555<br>4,293<br>5,555<br>4,293<br>5,555<br>5,493<br>5,493<br>5,555<br>5,493<br>5,493<br>5,555<br>5,493<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,555<br>5,493<br>5,595<br>5,493<br>5,595<br>5,493<br>5,595<br>5,493<br>5,595<br>5,495<br>5,495<br>5,595<br>5,495<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,595<br>5,   
  | AQ 7<br>escipated (P41)<br>1,720<br>0.300000 (P41)<br>1,720<br>0.30000<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,2  | 20<br>20<br>10<br>-10<br>-20<br>-20<br>-20<br>-20<br>-20<br>-20<br>-20<br>-20<br>-20<br>-2   
   | Speci  | AT<br>or - Adj<br>Total En<br>0,000 60.0   | AU<br><b>y QA/QC</b><br>stad - Laye<br>ergy, Er, (ki<br>0 80,000  | AV<br>Profile<br>r ——Tofile<br>100,000 12   
   | AV AV  |
| Image: section of the sectio   
   | step         Ido         Enter Dril           7         7         7           rt         Page layout         6           6         6         6           100         5         7           6         100         5           5         100         5           5         100         100           100         100         100           100         100         100           100         100         100           100         100         100           100         100         100           100         100         100           100         100         100           100         100         100           100         100         100           100         100         100           1100         100         100           1100         100         100           1100         100         100           1100         100         100           1100         100         100           1100         100         100           1100         100         100   
   
  | Fig Data         Strength A           rmulas         Data         Review           C         Mathematical A         Review           MWD Data         MWD Data         No           FD07 Quality Class 1         No         No           Bewation 2 (th)         A40         A40           - 160         A40         A40           - 60         A40         A40           - 61         A40         A40           - 76         A40         A40           - 76         A40         A40   
  | Inalysis         P           FLMWD         FLMWD           AK         View           Pile El         EL:roe (ft)           1151         152           152         153           152         152           153         152           152         153           152         153           152         153           152         153           152         153           152         153           152         153           152         153           152         153           152         153           152         153           152         153           152         153           152         153           153         153           153         153           153         153           153         153           153         153           153         153           153         153           153         153           153         153           153         153           153         153  
  | le Summary R<br>(Stal 2 ~<br>Attomate<br>At<br>Etsor
(1)<br>-80.63<br>-80.63<br>-80.63<br>-80.63<br>-80.63<br>-80.63<br>-80.63<br>-80.63<br>-80.63<br>-80.63<br>-80.63<br>-80.63<br>-80.63<br>-80.63<br>-80.00<br>-80.63<br>-80.00<br>-80.63<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.00<br>-80.  
   | AM         Methods           Developer         AM           MWD Bor         0 store (psi)           1,728         4000 Bored P           MWD Bored P         0 store (psi)           1,728         1,033           1,039         1,033           1,031         1,031           1,031         1,033           1,033         1,033           1,033         1,033           1,033         1,033           1,033         1,033           1,033         1,033           1,050         2,297           1,050         1,914           1,050         1,914  
  | AN           d Pile QA/Q           July           94.0           10 QA/Q           10 QA/  
  | Acrobat         F           Acrobat         F           Acrobat         F           Lrost (ft)         94.0           ayer Analysis         Lrost (ft)           Strong (ft)         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0           5.0         5.0   
   | Power Pivot<br>AP<br>Er (kip-ft)<br>114,837<br>is<br>Er (kip-ft)<br>3.922<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.033<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.035<br>2.  
   | AQ //<br>extputed (P40)<br>1,7278<br>0 adjusted (P40)<br>1,107<br>0 adjusted (P40)<br>1,107<br>0 adjusted (P40)<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207<br>1,207                   | 20 0<br>20 10 -<br>-10 -20 -<br>-20 -<br>-   | Speci  | AT<br>e - Adj<br>Total En<br>0,000 60,00  
  | AU<br>y QA/QC<br>usted - Laye<br>orgy, Er, (&<br>0 80,000   | AV<br>Profile<br>r — Tofile<br>100,000 12   | AN   |
| Image: second  
   | sete         100         Entre Ori           7         30         5           rt         Page layout         6           6         6         6           100         Entre Ori         100           5         5         5           at locrement (on)         1.00         5           5         5         6           11         11         6           12         12         6           13         60         6           176         6         6           176         6         6           176         6         6           176         6         6           176         6         6           176         6         6           176         6         6           176         6         6           176         6         6           176         6         6           176         6         6           176         6         6           176         7         6           176         7         6           176         7   
   
  | Fig Data         Strength A           rmulas         Data         Revi           C         Malyze           MWD Data         Revi           BOT Quality Cless 1         340           - 160         340           - 160         340           - 160         340           - 160         340           - 160         340           - 160         340           - 160         340           - 160         340           - 160         340           - 160         340           - 160         340           - 160         340           - 160         340           - 160         340           - 160         340           - 160         340           - 160         340           - 160         450           - 400         360           - 600         - 600           - 600         - 600           - 600         - 600  
   | Pile         El           AK         Pile         EL           Pile         EL         Top (ft)           13.40         Top (ft)         Top (ft)           Top (ft)         Top (ft) <td< td=""><td>le Summary R<br/>Retal 2 ~<br/>Automate<br/>4<br/>vations<br/>ELeor (1)<br/>40.63<br/>5 of Rock.<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%<br/>100.0%</td><td>apport         Geo           Developer         AM           MWD Borr         above (psi)           1,728         AW           MWD Borr         above (psi)           1,728         AW           Gabove (psi)         1,728           AWD Borr         above (psi)           1,728         AW           Gabove (psi)         1,93           1,006         1,209           1,437         1,935           1,253         1,916           1,253         1,916           3,916         3,966           2,2950         1,672           1,672         1,672</td><td>AN           Help           An           Jane (P)           An           March (P)           Barrier (P)           <t< td=""><td>AC         Search           Acrobat         F           Anolysis         Lross (ft)           Lyon Analysis         Composition of the search of</td><td>AP<br/>Er (bip-ft) 114.837<br/>5 (bip-ft</td><td>AQ //<br/>expused (P4I)<br/>1,728<br/>0 adjusted (P4I)<br/>1,100<br/>0 adjusted
(P4I)<br/>1,100<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200</td><td>20 0<br/>20 10 0<br/>-10 -20 0<br/>-20 -40 -<br/>-20 -40 -<br/>-50 -60 -</td><td>Special Special Specia</td><td>AT<br/>file Energy<br/>0.000 60.00</td><td>AU<br/>y QA/QC<br/>asted - Laye<br/>00 80,000</td><td>AV<br/>Profile<br/>a — Tofile<br/>100,000 17</td><td>AW</td></t<></td></td<> | le Summary R<br>Retal 2 ~<br>Automate<br>4<br>vations<br>ELeor (1)<br>40.63<br>5 of Rock.<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%  
  | apport         Geo           Developer         AM           MWD Borr         above (psi)           1,728         AW           MWD Borr         above (psi)           1,728         AW           Gabove (psi)         1,728           AWD Borr         above (psi)           1,728         AW           Gabove (psi)         1,93           1,006         1,209           1,437         1,935           1,253         1,916           1,253         1,916           3,916         3,966           2,2950         1,672           1,672         1,672  
   
   | AN           Help           An           Jane (P)           An           March (P)           Barrier (P) <t< td=""><td>AC         Search           Acrobat         F           Anolysis         Lross (ft)           Lyon Analysis         Composition of the search of</td><td>AP<br/>Er (bip-ft) 114.837<br/>5 (bip-ft</td><td>AQ //<br/>expused (P4I)<br/>1,728<br/>0 adjusted (P4I)<br/>1,100<br/>0 adjusted (P4I)<br/>1,100<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200<br/>1,200</td><td>20 0<br/>20 10 0<br/>-10 -20 0<br/>-20 -40 -<br/>-20 -40 -<br/>-50 -60 -</td><td>Special Special Specia</td><td>AT<br/>file Energy<br/>0.000 60.00</td><td>AU<br/>y QA/QC<br/>asted - Laye<br/>00 80,000</td><td>AV<br/>Profile<br/>a — Tofile<br/>100,000 17</td><td>AW</td></t<> | AC         Search           Acrobat         F           Anolysis         Lross (ft)           Lyon Analysis         Composition of the search of   | AP<br>Er (bip-ft) 114.837<br>5 (bip-ft   
  | AQ //<br>expused (P4I)<br>1,728<br>0 adjusted (P4I)<br>1,100<br>0 adjusted
(P4I)<br>1,100<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200<br>1,200              | 20 0<br>20 10 0<br>-10 -20 0<br>-20 -40 -<br>-20 -40 -<br>-50 -60 -  | Special Specia | AT<br>file Energy<br>0.000 60.00   | AU<br>y QA/QC<br>asted - Laye<br>00 80,000   
  | AV<br>Profile<br>a — Tofile<br>100,000 17   | AW   |
| 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   
  | step         Ind         Enter Dil           n         age layout         fo           n         age layout         fo           n         az lecrement (cm)         fo           segment         fo         fo  
   
   | Rig Data         Strength A           rmulas         Data         Revie           c         Analyze         MWD Data           MWD Data         Bevaling Class 1         Bevaling Class 1           2         Elevation 2 (Nt)         Gradie 1           4         Bevaling Class 1         For a strength A           -         Elevation 2 (Nt)         Gradie 3           -         160         -36.00           -         7160         -36.00           -         46.00         -46.00           -         76.00         -46.00           -         76.00         -46.00           -         76.00         -46.00           -         76.00         -46.00           -         76.00         -46.00           -         76.00         -46.00           -         76.00         -46.00           -         76.00         -46.00           -         76.00         -46.00           -         46.00         -76.00   
  | P         P           2LMX02         P           RW         View           Ac         Pile EL sey (fr)           13.0         Count           0.12         Count   
   
  | le Summary R<br>.8eta1.2 ∼<br>Automate<br>At<br>svations<br>ELeor (10)<br>S of Rock<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.  
  | apport         Geo           Developer         AM           MWD Bore         Browner           0:above         (psi)           1,728         Starser           WD Bored P         Browner           0:above         (psi)           1:033         1:033           1:031         1:032           1:042         1:023           1:052         1:223           1:052         1:223           1:052         1:223           1:052         1:224           1:052         1:052           1:052         1:052  
   | Stat  
   | D         Search           A0         A0  
  | AP<br>Er (bip-ft)<br>114.837<br>Er (bip-ft)<br>3.255<br>5.000<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.500<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.50000<br>5.5000<br>5.5000<br>5.5000<br>5.5000<br>5.50000<br>5.5000<br>5.5000<br>5.50000<br>5.50000<br>5.5000<br>5.5000<br>5.50000<br>5.50000<br>5.50000<br>5.50000<br>5.500000000   
  | AQ<br>esquated (pH)<br>1,728<br>esquated (pH)<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,0  | 4 45<br>20<br>10<br>10<br>-10<br>-10<br>-20<br>0-10<br>-10<br>-20<br>0-10<br>-20<br>0-10<br>-00<br>-00<br>-00<br>-00<br>-00<br>-00<br>-00<br>-00<br>-  
   | Species  | AT<br>file Energy<br>Total En<br>Total En<br>0,000 60.0  | AU<br>y QA/QC<br>asted - Laye<br>10 80,000  | AV<br>Profile (*Tota)<br>100,000 12   
   | AW   |
| Segment         T           16         10           0         0           0         0           17         10           16         10           17         10           10         10           12         11           13         12           14         10           15         10           16         12           17         10           16         12           17         10           10         10           11         10           12         11           10         10           11         10           11         10           11         10           12         11           10         10           11         10           11         10           12         10           13         10           14         10           15         10           10         10           11         10           12         10           13         <   
  | step         μdo         Enter Ori           γ         5         5           π         Age layout         fo           π         fo         fo           main         fo         fo           main         fo         fo           main         Composition         fo           main         Composition         fo           fo         fo         fo  
   
   | Rig Data         Strength A           rmulas         Data         Review           C         Analyze         MWD Data           F00T Guality Class 1         Strength A           Elevation 2 (M)         300         300           - 400         - 400         300           - 410         - 400         - 400           - 410         - 400         - 400           - 410         - 400         - 400           - 410         - 400         - 400           - 410         - 400         - 400           - 410         - 400         - 400           - 400         - 400         - 400           - 400         - 400         - 400   
  | Image: state   
  | J8412 ∨         Automate           A         Automate           A         Status           A         Status           A         Status           A         Status           B         Status           A         Status           B         Status           A         Status           B         Status <td>AM         Construction           AM         MVD Developer           AM         MVD Developer           Total         Total           Total         Total</td> <td>AN<br/>Heip<br/>AN<br/>AN<br/>Lyper (P)<br/>94.0<br/>10 QAOC -1<br/>Lyper (P)<br/>94.0<br/>10 QAOC
-1<br/>0 QAOC -1<br/>0</td> <td>D         Sended           AO         AO           AO</td> <td>AP<br/>Er (bip-ft)<br/>114.837<br/>5<br/>5<br/>6<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.525<br/>7.557<br/>7.557<br/>7.557<br/>7.557<br/>7.557<br/>7.557<br/>7.5577<br/>7.5577<br/>7.55777<br/>7.55777<br/>7.557777<br/>7.5577777<br/>7.5577777777</td> <td>AQ<br/>eadjusted (PM)<br/>1,728<br/>eadjusted (PM)<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1,029<br/>1</td> <td>4 A5<br/>20<br/>10<br/>-10<br/>-10<br/>-20<br/>-20<br/>-10<br/>-20<br/>-20<br/>-20<br/>-20<br/>-0<br/>-10<br/>-10<br/>-0<br/>-0<br/>-0<br/>-10<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0</td> <td>Speci</td> <td>AT<br/>fic Energy<br/>Total En<br/>1000 60,00</td> <td>AU<br/>y QA/QC<br/>asted - Laye<br/>orgy, Er (M</td> <td>AV<br/>Profile<br/>r — Tof<br/>100,000 12</td> <td>AW</td>  | AM         Construction           AM         MVD Developer           AM         MVD Developer           Total         Total   
   
  | AN<br>Heip<br>AN<br>AN<br>Lyper (P)<br>94.0<br>10 QAOC -1<br>Lyper (P)<br>94.0<br>10 QAOC -1<br>0  
   | D         Sended           AO         AO           AO  | AP<br>Er (bip-ft)<br>114.837<br>5<br>5<br>6<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.525<br>7.557<br>7.557<br>7.557<br>7.557<br>7.557<br>7.557<br>7.5577<br>7.5577<br>7.55777<br>7.55777<br>7.557777<br>7.5577777<br>7.5577777777   
  | AQ<br>eadjusted (PM)<br>1,728<br>eadjusted (PM)<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1,029<br>1  | 4 A5<br>20<br>10<br>-10<br>-10<br>-20<br>-20<br>-10<br>-20<br>-20<br>-20<br>-20<br>-0<br>-10<br>-10<br>-0<br>-0<br>-0<br>-10<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0   
   | Speci  | AT<br>fic Energy<br>Total En<br>1000 60,00   | AU<br>y QA/QC<br>asted - Laye<br>orgy, Er (M  | AV<br>Profile<br>r — Tof<br>100,000 12  
   | AW   |
| Segment         17           16         10           17         15           16         17           16         10           17         15           13         12           11         10           10         7           6         5           2         2           11         10           10         7           6         5           2         2           10         8           10         7           6         5           10         8           10         10           11         10           12         11           13         12           14         10           15         10           16         10           10         10           11         10           12         11           13         10           14         10           15         10           16         10  
  | sete         100         Enter Online           7         30         5           8         7         6           1.00         5         6           2         5         7           4         7         1.00           5         5         7           4         1.00         5           5         5         7           4         1.00         5           5         5         7           4         1.00         1.00           5         5         5           4         1.00         1.00           5         5         5           4         1.00         1.00           5         5         5           4         1.00         1.00           4         1.00         1.00           5         5         5           1.00         1.00         1.00           1.00         1.00         1.00           1.00         1.00         1.00           1.00         1.00         1.00           1.00         1.00         1.00           1.00         <   
   
   | C         C           Analyze         MWD Data           FOI Quality Class 1         840           6         640           -1160         640  
  | Image: state   
   
                  | JBch12 ∨         Automate           A         Automate           A         Software           A         Software           A         Software           A         Software           B         Software           A         Software           B         Software           A         Software           B         Software           B         Software           B         Software           B         Software           B         Software <td>AM         MVD Developer           AM         MVD Developer           Image: Amount of the state of the sta</td> <td>AN         AN           Heip         AN           An         Base of the GOOD           An<td>D         Sended           AO         AO           AO         AO           AO         AO           AO         AO           AO         SO           AO         SO           SO         SO           SO</td><td>Image: second second</td><td>AQ<br/>0.adjusted [04]<br/>1,123<br/>0.337<br/>1,229<br/>1,423<br/>2,438<br/>1,459<br/>1,459<br/>1,459<br/>1,459<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,</td><td>4 A5<br/>20<br/>10<br/>-10<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-2</td><td>Speci</td><td>AT<br/>fic Energy<br/>Total En</td><td>AU<br/>y QA/QC<br/>atted - Laye<br/>orgy, Ε<sub>1</sub> (ki</td><td>AV<br/>Profile<br/>r — Tof<br/>108,000 12</td><td>AV AV</td></td>   | AM         MVD Developer           AM         MVD Developer           Image: Amount of the state of the sta   
   
  | AN         AN           Heip         AN           An         Base of the GOOD           An <td>D         Sended           AO         AO           AO         AO           AO         AO           AO         AO           AO         SO           AO         SO           SO         SO           SO</td> <td>Image: second second</td> <td>AQ<br/>0.adjusted [04]<br/>1,123<br/>0.337<br/>1,229<br/>1,423<br/>2,438<br/>1,459<br/>1,459<br/>1,459<br/>1,459<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,559<br/>1,</td> <td>4 A5<br/>20<br/>10<br/>-10<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-2</td> <td>Speci</td> <td>AT<br/>fic Energy<br/>Total En</td> <td>AU<br/>y QA/QC<br/>atted - Laye<br/>orgy, Ε<sub>1</sub> (ki</td> <td>AV<br/>Profile<br/>r — Tof<br/>108,000 12</td> <td>AV AV</td>   | D         Sended           AO         AO           AO         AO           AO         AO           AO         AO           AO         SO           AO         SO           SO  
   | Image: second   
  | AQ<br>0.adjusted [04]<br>1,123<br>0.337<br>1,229<br>1,423<br>2,438<br>1,459<br>1,459<br>1,459<br>1,459<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,559<br>1,  | 4 A5<br>20<br>10<br>-10<br>-20<br>-20<br>-20<br>-20<br>-20<br>-20<br>-20<br>-20<br>-20<br>-2   | Speci  | AT<br>fic Energy<br>Total En   
   | AU<br>y QA/QC<br>atted - Laye<br>orgy, Ε <sub>1</sub> (ki   | AV<br>Profile<br>r — Tof<br>108,000 12  | AV AV  |
| Segment         17           15         12           17         15           15         12           16         17           15         12           10         9           7         15           10         9           10         9           11         10           12         11           13         12           14         10           15         12           10         9           7         6           5         4           10         9           11         10           12         11           13         9           14         10           15         10           16         5           17         10           18         10           19         10           10         10           11         10           12         10           13         10           14         10           15         10           16         10 </td <td>sete         100         Enter Online           7         30         5           1         7         30         5           1         100         5         5           1         100         5         5           2         100         5         5           2         100         5         5           2         100         5         5           3         100         100         3           3         100         100         3           4         100         -100         -100           -150         35         6         -35           -160         -150         -150         -160           -160         -160         -160         -160           -160         -160         -160         -160           -160         -160         -160         -160           -160         -160         -160         -160           -160         -160         -160         -160           -160         -160         -160         -160           -160         -160         -160         -160           -160</td> <td>C         Analyze           MWD Data         Revi           C         N           MWD Data         840           Forduly Class 1         840           C         4.00           -1160         4.00           -1660         -7160           -3160         -4160           -450         -4160           -7160         -4160           -7660         -7660           -7660         -80.53</td> <td>Image: market is a second se</td> <td>JBa12 ∨         Automate           A         Automate           A         Stormate           B         Stormate</td> <td>and         constraint           AM         MVD Developer           AM         MVD Developer           Cases (pin)         (pin)           Cases (pin)         (pin)</td> <td>AN<br/>Help<br/>AN<br/>AN<br/>Luper (N)<br/>94.0<br/>10 AAOC - 1<br/>Luper (N)<br/>94.0<br/>10 AAOC - 1<br/>10 AA</td> <td>D         Search           AO         AO           AO         So           So         So           So</td> <td>AP<br/>Er (blpA)<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>2<br/>5<br/>5<br/>5<br/>5<br/>5<br/>5<br/>5<br/>5<br/>5<br/>5<br/>5<br/>5<br/>5</td> <td>AQ<br/>escjuster [P49]<br/>1,228<br/>1,228<br/>1,228<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,229<br/>1,</td> <td>4 A5<br/>20<br/>10<br/>-10<br/>-10<br/>-20<br/>-10<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-2</td> <td>*</td> <td>AT<br/>- 0 - Adji<br/>Total En<br/>0,000 60,0</td> <td>AU<br/><b>y GA/QC</b><br/>stad - Laye<br/>ergy, Er, tki<br/>0 80,000</td> <td>AV<br/>Profile<br/>a - Tof<br/>100,000 12<br/>- 100,000 12<br/>- 100,0000</td> <td>AV AV</td> | sete         100         Enter Online           7         30         5           1         7         30         5           1         100         5         5           1         100         5         5           2         100         5         5           2         100         5         5           2         100         5         5           3         100         100         3           3         100         100         3           4         100         -100         -100           -150         35         6         -35           -160         -150         -150         -160           -160         -160         -160         -160           -160         -160         -160         -160           -160         -160         -160         -160           -160         -160         -160         -160           -160         -160         -160         -160           -160         -160         -160         -160           -160         -160         -160         -160           -160  
   
  | C         Analyze           MWD Data         Revi           C         N           MWD Data         840           Forduly Class 1         840           C         4.00           -1160         4.00           -1660         -7160           -3160         -4160           -450         -4160           -7160         -4160           -7660         -7660           -7660         -80.53   
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  | JBa12 ∨         Automate           A         Automate           A         Stormate           B         Stormate  
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En<br>0,000 60,0   | AU<br><b>y GA/QC</b><br>stad - Laye<br>ergy, Er, tki<br>0 80,000  | AV<br>Profile<br>a - Tof<br>100,000 12<br>- 100,000 12<br>- 100,0000  | AV AV  |
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  | C         Analyze           MWD Data         Revi           Elevation Z (ff)         4.0           -1166         -4.0  
   | Image: state  
   | Best Summary Re           Best 2 ×           Automate           4           vestions           ELacr (N)           5 × of Rock 1           100 0%  
   
   | apport         Geo           Developer         AM           MVD Dordel Q         Quere           Quere         Quere           Q  
  | AN         Help           AN         June 200           An   
  | D         Search           AO         AO           So         So           So  | AP<br>Er (bipAt)<br>Er (bipAt)<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5   
   
   | AQ<br>escience (pst)<br>1,228<br>1,228<br>1,228<br>1,228<br>1,228<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,229<br>1,2  | A5<br>20<br>10<br>-10<br>-10<br>-20<br>-20<br>-20<br>-50<br>-60<br>-60<br>-70<br>-80<br>-80<br>0   | Speci  | AT<br>Total En<br>0,000 60.0<br>0,000 60.0<br>0,00 | AU<br>y QA/QC<br>sited - Laye<br>ergy, Er, (ki<br>0 80,000<br>3,000<br>3,000   
  | AV<br>Profile<br>r — Tof<br>100,000 12<br>100,000 12<br>100,0000  | 0 5.1  |
| we         Image: Control of the second  
  | set         100         Enter Dril           7         7         7           8         7         7           1         9         7         7           1         7         9         7         7           1         7         9         10         10           1         100         10         10         10           1         10         10         10         10           1         10         10         10         10           1         10         10         10         10           1         10         10         10         10           1         10         10         10         10           1         10         10         10         10           1         10         10         10         10           1         10         10         10         10           1         10         10         10         10           1         10         10         10         10           1         10         10         10         10           1         10         1   
   
   | Fig Data         Strength A           rmulas         Data         Review           Analyze         MWD Data         No           Ford Quality Class 1         8         No           Elevation 2 (B)         4.00         3.00           -16.60         -71.60         -71.60           -21.60         -4.00         -3.00           -3.00         -71.60         -71.60           -21.60         -4.00         -3.00           -3.00         -71.60         -71.60           -4.00         -3.00         -3.00           -4.00         -71.60         -71.60           -71.60         -71.60         -71.60           -71.60         -71.60         -71.60           -71.60         -71.60         -71.60           -71.60         -71.60         -71.60           -71.60         -71.60         -71.60           -71.60         -71.60         -71.60           -71.60         -71.60         -71.60           -71.60         -71.60         -71.60           -71.60         -71.60         -71.60           -71.60         -71.60         -71.60           -71.60         -71.60   
  |  
   
  | 8.8412 ×         Automate           4         Automate           4         State           7         State           8         State           9         State           9         State           100 0%         State           900 0%         State <t< td=""><td>apport         Geo           Developer         AM           MVD Derote per         Barre (pri)           3,728         Geose (pri)           4,000         Developer           4,000</td><td>stat An Help<br/>An An Lyne (N)<br/>34.0<br/>16 2000 - 10 - 10 - 10 - 10 - 10 - 10 - 10</td><td>D         Search           AO         A           AO         A           AO         A           AO         A           AO         B           AO         B</td><td>AP         Er (bip.H)           48         Er (bip.H)           50         Er (bip.H)           51         Er (bip.H)           52         2532           53         3555           54         14.837           7         5555           541         359      <t< td=""><td>AQ P<br/>esciented (pst)<br/>1,728<br/>0ageund (pst)<br/>1,728<br/>1,005<br/>1,203<br/>1,005<br/>1,203<br/>1,005<br/>1,203<br/>1,005<br/>1,203<br/>1,005<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203</td><td>A5<br/>20<br/>10<br/>-10<br/>-10<br/>-20<br/>-10<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-2</td><td>Species</td><td>AT<br/>fice Energy<br/>Total En<br/>Total En<br/>0,000 60,0<br/>0,000 60,0<br/>0,000</td><td>AU<br/>y QA/QC<br/>gray, Er (M<br/>20 80,000<br/>0 80,0000<br/>0 80,0000<br/>0 80,0000<br/>0 80,0</td><td>AV<br/>Profile<br/>r10<br/>100,000 12<br/>100,000 12<br/>4,00<br/>4,00<br/>4,00<br/>100,000 12<br/>100,000 12<br/>100</td><td>Axx<br/>Jal Energy<br/>20,000 140</td></t<></td></t<> | apport         Geo           Developer         AM           MVD Derote per         Barre (pri)           3,728         Geose (pri)           4,000         Developer           4,000  
  | stat An Help<br>An An Lyne (N)<br>34.0<br>16 2000 - 10 - 10 - 10 - 10 - 10 - 10 - 10   
  | D         Search           AO         A           AO         A           AO         A           AO         A           AO         B  
  | AP         Er (bip.H)           48         Er (bip.H)           50         Er (bip.H)           51         Er (bip.H)           52         2532           53         3555           54         14.837           7         5555           541         359 <t< td=""><td>AQ P<br/>esciented (pst)<br/>1,728<br/>0ageund (pst)<br/>1,728<br/>1,005<br/>1,203<br/>1,005<br/>1,203<br/>1,005<br/>1,203<br/>1,005<br/>1,203<br/>1,005<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203<br/>1,203</td><td>A5<br/>20<br/>10<br/>-10<br/>-10<br/>-20<br/>-10<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-20<br/>-2</td><td>Species</td><td>AT<br/>fice Energy<br/>Total En<br/>Total En<br/>0,000 60,0<br/>0,000 60,0<br/>0,000</td><td>AU<br/>y QA/QC<br/>gray, Er (M<br/>20 80,000<br/>0 80,0000<br/>0 80,0000<br/>0 80,0000<br/>0 80,0</td><td>AV<br/>Profile<br/>r10<br/>100,000 12<br/>100,000 12<br/>4,00<br/>4,00<br/>4,00<br/>100,000 12<br/>100,000 12<br/>100</td><td>Axx<br/>Jal Energy<br/>20,000 140</td></t<> | AQ P<br>esciented (pst)<br>1,728<br>0ageund (pst)<br>1,728<br>1,005<br>1,203<br>1,005<br>1,203<br>1,005<br>1,203<br>1,005<br>1,203<br>1,005<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203<br>1,203   
   | A5<br>20<br>10<br>-10<br>-10<br>-20<br>-10<br>-20<br>-20<br>-20<br>-20<br>-20<br>-20<br>-20<br>-2  | Species  | AT<br>fice Energy<br>Total En<br>Total En<br>0,000 60,0<br>0,000 | AU<br>y QA/QC<br>gray, Er (M<br>20 80,000<br>0 80,0000<br>0 80,0000<br>0 80,0000<br>0 80,0  | AV<br>Profile<br>r10<br>100,000 12<br>100,000 12<br>4,00<br>4,00<br>4,00<br>100,000 12<br>100,000 12<br>100 | Axx<br>Jal Energy<br>20,000 140  |
| we ()            Home         Inse           -   
  | set         info         Enter Dril           Info         First Dril         Info           Info  
   
   | C         C           Analyze         MWD Data           Ford Quality Class 1         8           Elevation 2 (B)         4.0           -116 0   
  | Image: state   
  | Bill         Summary Re           Bill         Summary Re           Automate         A           Automate         A           Automate         A           Stormate         A           Automate         A           Stormate         A           Stormate         A           Automate         A           Stormate         A           Automate         Automate           Automate         Automate           Automate         Automate           Automate         Automate           Automate         Automate   
   
   | port Geo  
  | AN         AN           Help         AN           Jan         Jan           Lyon (N)         34.0           Solution (N)         34.0           Lyon (N)         50.0           Solution (N)         50.0           Solu   
  | D         Search           AO         Ao           So         Ao           So         So           So  | AP         Er (bip.4t)           48         Er (bip.4t)           47         Er (bip.4t)           48         Er (bip.4t)           49         Er (bip.4t)           40         Statistics           41         Statistics           43         Statistics           44         Statistics           43         Statistics           44         Statistics           45         Statistics           45         Statistics           45         Statistics           45         Statistics           45         Statistics           46         Statistics           47   
   
   | AQ //<br>estjunted (pH)<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,727<br>1,7 | A5<br>20<br>10<br>-10<br>-10<br>-20<br>-20<br>-0<br>-10<br>-20<br>-20<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-   | speci  | AT<br>fice Energy<br>Total En<br>total En<br>0,000 60,0<br>0,000 | AU<br>y QA/QC<br>gray, Er (M<br>20 80,000<br>0 80,0000  | AV<br>Profile<br>r10<br>100,000 12<br>100,000 12<br>4,00<br>4,00<br>100,000 12<br>100,000 1   | AV<br>al Energy<br>20,000 140<br>140<br>140<br>140<br>140<br>140<br>140<br>140<br>140<br>140   |
| ••••••••••••••••••••••••••••••••••••   
  | set         info         Enter Dril           P         5         5           rt         Page layout         Fo           A Incoment (cm)         1,00         5           A Incoment (cm)         1,00         5           Segment         1         3,40           1,10         1,40         3,40           3,40         3,40         3,40           3,40         3,40         3,40           3,40         3,40         3,40           3,40         3,40         3,40           3,40         3,40         3,40           3,40         3,40         3,40           3,40         3,40         3,40           3,40         3,40         3,40           3,40         3,40         3,40           3,40         3,40         3,40           3,40         3,40         3,40           3,40         3,40         3,40           3,40         3,40         3,40           3,41,60         3,40         3,40           3,41,60         3,41,60         3,40           3,41,60         3,41,60         3,41,60           4,41,60         3,41,60 <td>Big Data         Strength A           rmulas         Data         Revie           Analyze<br/>MWD Data         No         No           FOOT Gaulty Class 1         840         640           760         440         640           760         640         640           760         440         640           761         640         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616</td> <td></td> <td>Bill         Summary Re           Bill         Summary Re           Automate         A           Automate         A           Automate         A           Sold         B           Sold         B</td> <td>apport         Geo           Developer         AM           MVD Derocel per         Barre (pri)           3,728         Geose (pri)           1,103         Sig           2,273         Sig           3,060         Sig           2,373         Sig           3,060         Sig           3,071         Sig           2,073         Sig           3,060         Sig           3,060         Sig           3,071         Sig           3,072         Sig           3,074         Sig     <td>stat AN Help<br/>Help<br/>AN Lyon (N)<br/>94.0<br/>10 2400 (N)<br/>10 2400 (N)<br/>1</td><td>D         Search           AO         A           AO         A           AO         A           AO         A           AO         A           AO         B           AO         B           So         B           AO         B           AO         B           So         B           So         B           So         B           So         B           So         B           AO         B           AO  
      B           AO         B           AO         B           AO         B           AO         B</td><td>AP         Er (bip.H)           48         Er (bip.H)           50         Er (bip.H)           51         Er (bip.H)           52         2533           3355         55           53         355           54         14.837           765         561           541         369           765         561           541         766           542         766      <t< td=""><td>AQ P<br/>esciented (pst)<br/>1,728<br/>0agounts (pst)<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,748<br/>1,748<br/>1,748<br/>1,748<br/>1,748<br/>1,748<br/>1,748<br/>1,748</td><td>A5<br/>20<br/>10<br/>-10<br/>-10<br/>-20<br/>-20<br/>-10<br/>-20<br/>-20<br/>-20<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-</td><td>speci</td><td>AT<br/>fice Energy<br/>Total En<br/>Total En<br/>0,000 60,0<br/>0,000<br/>2,000<br/>2,000<br/>2,000</td><td>AU<br/>y QA/QC<br/>and - Layon<br/>and -</td><td>AV<br/>Profile<br/>r10<br/>100,000 12<br/>100,000 1</td><td>) AV<br/>al Energy<br/>20,000 140<br/>140<br/>140<br/>140<br/>140<br/>140<br/>140<br/>140<br/>140<br/>140</td></t<></td></td> | Big Data         Strength A           rmulas         Data         Revie           Analyze<br>MWD Data         No         No           FOOT Gaulty Class 1         840         640           760         440         640           760         640         640           760         440         640           761         640         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616           7616         7616         7616  
   
  |  
  | Bill         Summary Re           Bill         Summary Re           Automate         A           Automate         A           Automate         A           Sold         B  
   | apport         Geo           Developer         AM           MVD Derocel per         Barre (pri)           3,728         Geose (pri)           1,103         Sig           2,273         Sig           3,060         Sig           2,373         Sig           3,060         Sig           3,071         Sig           2,073         Sig           3,060         Sig           3,060         Sig           3,071         Sig           3,072         Sig           3,074         Sig <td>stat AN Help<br/>Help<br/>AN Lyon (N)<br/>94.0<br/>10 2400 (N)<br/>10 2400 (N)<br/>1</td> <td>D         Search           AO         A           AO         A           AO         A           AO         A           AO         A           AO         B           AO         B           So         B           AO         B           AO         B           So         B           So         B           So         B           So         B           So         B           AO         B           AO         B           AO         B           AO         B           AO         B           AO         B</td> <td>AP         Er (bip.H)           48         Er (bip.H)           50         Er (bip.H)           51         Er (bip.H)           52         2533           3355         55           53         355           54         14.837           765         561           541         369           765         561           541         766           542         766      <t< td=""><td>AQ P<br/>esciented (pst)<br/>1,728<br/>0agounts
(pst)<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,748<br/>1,748<br/>1,748<br/>1,748<br/>1,748<br/>1,748<br/>1,748<br/>1,748</td><td>A5<br/>20<br/>10<br/>-10<br/>-10<br/>-20<br/>-20<br/>-10<br/>-20<br/>-20<br/>-20<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-</td><td>speci</td><td>AT<br/>fice Energy<br/>Total En<br/>Total En<br/>0,000 60,0<br/>0,000<br/>2,000<br/>2,000<br/>2,000</td><td>AU<br/>y QA/QC<br/>and - Layon<br/>and -</td><td>AV<br/>Profile<br/>r10<br/>100,000 12<br/>100,000 1</td><td>) AV<br/>al Energy<br/>20,000 140<br/>140<br/>140<br/>140<br/>140<br/>140<br/>140<br/>140<br/>140<br/>140</td></t<></td> | stat AN Help<br>Help<br>AN Lyon (N)<br>94.0<br>10 2400 (N)<br>10 2400 (N)<br>1   
  | D         Search           AO         A           AO         A           AO         A           AO         A           AO         A           AO         B           AO         B           So         B           AO         B           AO         B           So         B           So         B           So         B           So         B           So         B           AO         B           AO         B           AO         B           AO         B           AO         B           AO         B   | AP         Er (bip.H)           48         Er (bip.H)           50         Er (bip.H)           51         Er (bip.H)           52         2533           3355         55           53         355           54         14.837           765         561           541         369           765         561           541         766           542         766 <t< td=""><td>AQ P<br/>esciented (pst)<br/>1,728<br/>0agounts
(pst)<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,728<br/>1,748<br/>1,748<br/>1,748<br/>1,748<br/>1,748<br/>1,748<br/>1,748<br/>1,748</td><td>A5<br/>20<br/>10<br/>-10<br/>-10<br/>-20<br/>-20<br/>-10<br/>-20<br/>-20<br/>-20<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-0<br/>-</td><td>speci</td><td>AT<br/>fice Energy<br/>Total En<br/>Total En<br/>0,000 60,0<br/>0,000<br/>2,000<br/>2,000<br/>2,000</td><td>AU<br/>y QA/QC<br/>and - Layon<br/>and -</td><td>AV<br/>Profile<br/>r10<br/>100,000 12<br/>100,000 1</td><td>) AV<br/>al Energy<br/>20,000 140<br/>140<br/>140<br/>140<br/>140<br/>140<br/>140<br/>140<br/>140<br/>140</td></t<>  | AQ P<br>esciented (pst)<br>1,728<br>0agounts (pst)<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,728<br>1,748<br>1,748<br>1,748<br>1,748<br>1,748<br>1,748<br>1,748<br>1,748  | A5<br>20<br>10<br>-10<br>-10<br>-20<br>-20<br>-10<br>-20<br>-20<br>-20<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-0<br>-  
   | speci  | AT<br>fice Energy<br>Total En<br>Total En<br>0,000 60,0<br>0,000<br>2,000<br>2,000<br>2,000  | AU<br>y QA/QC<br>and - Layon<br>and -  | AV<br>Profile<br>r10<br>100,000 12<br>100,000 1     | ) AV<br>al Energy<br>20,000 140<br>140<br>140<br>140<br>140<br>140<br>140<br>140<br>140<br>140 |
| • • • • • • • • • • • • • • • • • • •  
  | set         info         Enter Dril           Info         First Dril         Info           Info         Info         Info           Inf  
   
   | Fig Data         Strength A           rmulas         Data         Revie           Analyze<br>MWD Data         No         No           FOOT Quality Class 1         840         340           760         440         340           760         340         360           7616         340         360           7616         340         360           7616         340         360           340         360         360           340         360         360           340         360         360           340         360         360           340         360         360           340         360         360           340         360         360           340         360         360           340         370         360           340         360         360           340         360         360           340         360         360           340         360         360           340         360         360           340         360         360           340         360 </td <td>Image: state state</td> <td>8.8412 ×         Automate           A         Automate           4         Status           4         Status           5         Status           100 0%         St</td> <td>apport         Geo           Developer         AM           MVD Dorder [0]         Geose (pi)           70.20         Geose (pi)           1000         Geose (pi)           1100         Geose (pi)           1101         Geose (pi)           1102         Geose (pi)           1101         Geose (pi)           1102         Geose (pi)           1101         Geose (pi)           1102         Geose (pi)           1111         &lt;</td> <td>AN         Help           Help         AN           Jan         Jan           Lyne (N)         94.0           Lyne (N)         94.0           Solution         50.0           Solution         50.0&lt;</td> <td>D         Search           AO         Ao           So         Ao           So         So           Ao         So           So         So           So</td> <td>AP         Er (bip.4t)           6         Er (bip.4t)           7         2552           7         2552           7         2552           7         2552           7         2552           7         2552           7         2525</td> <td>AQ<br/>estjunted (pH)<br/>1,728<br/>0agtunted (pH)<br/>1,1005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005<br/>1,005</td> <td>A5<br/>20<br/>10<br/>-10<br/>-10<br/>-20<br/>-50<br/>-50<br/>-50<br/>-50<br/>-50<br/>-50<br/>-50<br/>-5</td> <td>speci</td> <td>AT<br/>fice Energy<br/>Total En<br/>total En<br/>0,000 60,0<br/>0,000 60,0<br/>0,000</td> <td>AU<br/>y QA/QC<br/>and - Lay<br/>and - Lay</td> <td>AV<br/>Profile<br/>r10<br/>100,000 12<br/>100,000 12<br/>4,00<br/>4,00<br/>4,00</td> <td> Avy<br/>al Energy<br/>20,000 140<br/></td> | Image: state  
   | 8.8412 ×         Automate           A         Automate           4         Status           4         Status           5         Status           100 0%         St   
   
   | apport         Geo           Developer         AM           MVD Dorder [0]         Geose (pi)           70.20         Geose (pi)           1000         Geose (pi)           1100         Geose (pi)           1101         Geose (pi)           1102         Geose (pi)           1101         Geose (pi)           1102         Geose (pi)           1101         Geose (pi)           1102         Geose (pi)           1111         <   
  | AN         Help           Help         AN           Jan         Jan           Lyne (N)         94.0           Lyne (N)         94.0           Solution         50.0           Solution         50.0<   
  | D         Search           AO         Ao           So         Ao           So         So           Ao         So           So  
   | AP         Er (bip.4t)           6         Er (bip.4t)           7         2552           7         2552           7         2552           7         2552           7         2552           7         2552           7         2525  
   | AQ<br>estjunted (pH)<br>1,728<br>0agtunted (pH)<br>1,1005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005<br>1,005  | A5<br>20<br>10<br>-10<br>-10<br>-20<br>-50<br>-50<br>-50<br>-50<br>-50<br>-50<br>-50<br>-5   | speci  
   | AT<br>fice Energy<br>Total En<br>total En<br>0,000 60,0<br>0,000 | AU<br>y QA/QC<br>and - Lay<br>and - Lay  | AV<br>Profile<br>r10<br>100,000 12<br>100,000 12<br>4,00<br>4,00<br>4,00  | Avy<br>al Energy<br>20,000 140<br>   |

### Info Sheet

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me Insert Page Layout Formulas Data Review View Automate Dev	reloper Help Acrobat Power	r Pivot					This PC > USB Drive (E:) > FLMWD_Beta1.2	_GRIP_2023 >		✓ ຽ  Search I	LMWD_Beta1.2_GRI					
▼ : × ✓ fx							older				8= • <b>(</b> )					
Raw Data Workbooks File Address FIMWD Program Folder File Address Workbook Address Project Information Engineer Michael Rodgers Project FDOT GRIP Demo Location Galnesville, FL Station 100+0001 Offset 10.0 Custom Pile ID Custom Pile ID U Use Custom Pile ID U Use Custom Pile ID	C D E Active File Name BWA SWA NA Bit Diameter (ft) MNA Ditli Rig MN/A Start Depth (ft) FN/A Depth Increment (cm) 1 e Threshold (psi) 0	F List of Files	G Elevation (ft) Bit	H K CDiameter (ft) MWD Sy HWD Sy HW	Stem Driil Rig.	O           Start Depth (ft)           -	Name Bridge7W-3 Bridg	Date modified 8/13/0221 12.14 AM 8/12/0203137 PM 8/12/2023 203 PM 8/12/2023 201 PM 8/12/2023 201 PM 8/12/2023 10:15 AM 0/12/2023 10:15 AM 10/12/2023 10:15 AM	Type File folder File folder File folder File folder File folder	Size	Cancel	F of Files	G H Elevation (ft) Bit Diameter ( bit Diamet	K         Dr           IMWD System         Dr           Imwo System         Dr           Imwo System         Immon System           Immon System<	N O I Nig Start Depth (ft) Start Depth (ft) S	

### Info Sheet

AutoS	ave 💽 🛱 ヴィママ・X, X <sup>3</sup> マ FLMWD_Beta1.2 ∨	⊃ Se	arch						
File	Home Insert Page Layout Formulas Data Review View Automate Develo	oper Help Acrobat	Power Pivot						
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A	B C	C D E	F F	G	H	K	N	0	P
	Kaw Data Workbooks File Address	Active File Name	List of Files	Elevation (ft)	Bit Diameter (ft)	NWD System	Drill Rig		
2	E, FLWWD_Beta1.2_Ghip_2023/1aw_data_workbooks/	Dile Flevation (ft)	2023-06-27 ACP 102-3L-2 xlsx	34.02	2.0	PINS	LHR GB	0	
4	EVELOW Betal 2 GRIP 2023/ELMWD Retal 2/dist/ELMWD Retal 2		2023-06-27 ACP 102-3L-5 xlsx	34.02	2	PINS	LHR GB	0	
5		Bit Diameter (ft)	B7W-3-1 visy	13.40	25	PINS	RG 27	0	
6			B7W-3-10 xlsx	13.40	2.5	PINS	RG 27	0	
7	Workbook Address Program Address	MWD System	B7W-3-11.xlsx	13.46	2.5	PIMS	RG 27	0	
8		0.00	B7W-3-12.xlsx	13.42	2.5	PIMS	RG 27	0	i l
9		Drill Rig	B7W-3-13.xlsx	13.51	2.5	PIMS	RG 27	0	i l
10	Project Information	0.00	B7W-3-14.xlsx	13.52	2.5	PIMS	RG 27	0	
11	Engineer	Start Depth (ft)	B7W-3-15.xlsx	13.54	2.5	PIMS	RG 27	0	
12	Michael Rodgers	0.00	B7W-3-16.xlsx	13.58	2.5	PIMS	RG 27	0	i i
13	Project	Depth Increment (cm)	B7W-3-2 xlsx	13 52	2.5	PIMS	RG 27	0	
14	FDOT GRIP Demo	1	B7W-3-3 xlsx	13.52	2.5	PIMS	RG 27	0	
15		e Threshold (nsi)	B7W/-3-4 xlsx	13.50	2.5	DIMS	RG 27	0	
16	Gainesville El		P7W/-2-5 v/sv	12.50	2.5	DIMS	RG 27	0	
17	Station	Ū		13.51	2.5	PINIS	RG 27	0	
10	100+00 01		D/VV-3-0.XISX	13.33	2.5	PIIVIS	RG 27	0	1
10	Officet			13.53	2.5	PINS	RG 27	0	1
20	10.0		D/W-3-0.XISX	12.55	2.5	PIIVIS	RG 27	0	1
20	Custom Pile ID		C&H Drilling Dataset Example gub	13.55	2.5	PINI3	Generic	0	
21	Custom Pile ID		1395 B26 Demo visy	34.02	2.5	DIMS	LHR GR	0	
22	Ousion nicib		1395 B26 Test Dile 1-1 visv	25.70	2.0	DIMS		0	
24			1395 B26 Test Pile 1 visv	33.70	2.0	PIMS	RG 27	0	
25			II Selmon TS4 1s xisx	10.70	3.5	lean Lutz	Liebherr I B36	15.28	i
26			Selmon TS4 One Million xlsx	10.70	3.5	lean Lutz	Liebherr LB36	15.28	i
27			wyatt book.xlsm	10.70	3.5	Jean Lutz	Liebherr LB36	15.28	
28			wyatt book2.xlsm	10.70	3.5	Jean Lutz	Liebherr LB36	15.28	
29			· _						1
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•	Agreement Info Enter Drill Rig Data Strength Analysis Pile Summary Report	GeoStat 🕘		: 4					

### Enter Drill Rig Data



### Enter Drill Rig Data



### Strength Analysis



## Strength Analysis – Specific Energy Threshold

#### All Specific Energy Data

#### Only Specific Energy Data Above Threshold



## Strength Analysis – Specific Energy Threshold

#### Only Specific Energy Data Above Threshold

#### Bored Pile QA/QC Analysis



#### **Pile Summary Report**



#### **MWD Summary Report**



Mean

Median

(1) -30 w

-40





### **Pile Summary Report**





#### **MWD Summary Report**



### GeoStat



#### GeoStat

	File Ho	ome l	nsert Pa	age Layout	Formu	las Data	Revie	w View	Auto	mate	Dev	/eloper	Help	Acrobat	Power Pi	vot
				6												
4	A29	× 1	×	Ĵx.												
1	A	В	С	D	E	F	G	Н	- I -		J	К	L	М	N	0
1	This tab	must be p	populated v	ith data pr	or to load	ing GS-Dee	<u>p.</u>									
2										_						
3	Depth	Soil Typ	pe N. Blow	s qt (CPT)	fs (CPT)	Unit Wei	Cu	e	qu	qt		qb	Em	RQD	Socket Ro	Rock
4	6.1	[1 2	3			(11)								[0.0 to 1.0	0 [0 ] 1]	[0.0 to
5	ft   m	-	blows/f	t <b>  tsf   MP</b> a	tsf   kPa	pcf   kN/	ntsf   kPa	psi   kPa	tsf   kPa	i tsf	kPa	tsf   kPa	ksi   MPa	1		
6	0.0	3	4					2,567								
/	0.0	/	4					2,567								
8	0.1		4	-				2,567		_						
9	0.1	5	4					2,567		_						
10	0.1	D	4					1,785		_						
11	0.2	2	4					1,785		_						
12	0.2	5	4					1,739		_						
14	0.2	n	4					1,075								
19	0.5	2	4	_				1,073		_						
16	0.3	5	4					1,275		_						
17	0.3	9	4					1,000		_						
19	0.3	2	4					1,001		_						
19	0.4	5	4					1 086					_			
20	0.4	9	4					1,086								
21	0.5	2	4					1.055								
22	0.5	6	4					1,102		_						
23	0.5	9	4					1,102								
24	0.6	2	4					1.149								
25	0.6	6	4					1,054								
26	0.6	9	4					1,115								
27	0.7	2	4					1,115								
28	0.7	5	4				1	1,103								
29	0.7	9	4					1,172								
30	0.8	2	4					1,172								
31	0.8	5	4					1,148								
32	0.8	9	4					1,142								
33	0.9	2	4					1,142								
34	0.9	5	4					1,177								
35	0.9	8	4					1,415								
36	1.0	2	4					1,758								
37	1.0	5	4					1,758		_						
38	1.0	8	4					1,758		_						<u> </u>
39	1.1	2	4					1,758								
40	1.1	5	4					1,758		_						
41	1.1	8	4					1,205		_						
42	1.2	1	4					1,205		_						
43	1.2		4					1,205								

If New         New         New         Desk         New	Au	itoSave 💿	0 6 9	) ~ C <sup>1</sup> ~ x, x'			FLMWD_Beta	a1.2 • Saved 🗸			₽ Se	arch						Michael Rodgers MR 🗹 —
23       *	File	Home	e insert	Page Layout	Formulas	Data Review	/ View	Automate	Developer	Help	Acrobat	Power Pivot						🖓 Comments
1         0         0         0         0         1	04			√ fr E:/	FLMWD Beta1.2	GRIP 2023/get	ostat worki	books/										
Number 12 answinder ub Mathading (2). Stress:         V         N         V         N </td <td></td> <td></td> <td></td> <td>6</td> <td>D</td> <td></td> <td></td> <td>6</td> <td>н</td> <td></td> <td>1.1</td> <td></td> <td>1.1</td> <td>м</td> <td>N</td> <td>0</td> <td></td> <td>0</td>				6	D			6	н		1.1		1.1	м	N	0		0
Period         Bit Period<	í I	his tab must	be populate	d with data prior to	loading GS-Deep.			0			,			m		0		u.
Dept         Dept <th< td=""><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>_</td><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td></th<>	2										_		_					
b         b	3 0	Jepth Soil	7ype	N. Blows	qt (CPT)	fs (CPT)	Unit Weigh	t Cu	e	qu	qt	qb	Em	RQD [0.0 to 1.0]	Socket Roughness	Rock Recovery		GeoStat Workbook Address
B         Control         Cont	5 f	t   m	6101410	blows/ft   blows/3	00mm tsf   MPa	tsf   kPa	pcf   kN/m <sup>4</sup>	^3 tsf   kPa	psi   kPa	tsf   kPa	tsf   kPa	tsf   kPa	ksi   MPa	[0.0 (0 1.0]	(014)	[0.0 to 1.0]		GeoStat Workbook Name
0         0         139         0         139         0 <td>6</td> <td>0.03</td> <td>4</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>2,567</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>geostat_workbook</td>	6	0.03	4	1					2,567									geostat_workbook
0         0	7	0.07	4						2,567								- 1	
0       0.0.0.0       1.78       Image: constraint of the sector of th	9	0.10	4						2,567								- 1	GeoStat Workbook Address
1       0.0       4       1.78       Image: Constraint of the constrain	0	0.16	4						1,785									
133         1,79         Image: Constraint of the constraint	1	0.20	4						1,785									Export to GeoStat Workbook
	2	0.23	4						1,739								- 1	Export to Geostat Workbook
	4	0.30	4						1,675									
	5	0.33	4						1,279									
	6	0.36	4						1,060								-	
	8	0.39	4						1,061								-	
	9	0.46	4						1,086									
	0	0.49	4						1,086									
0 00     0     1.00     0       0 00     0     1.00     0       0 00     0     1.00     0       0 00     0     1.00     0       0 00     0     1.00     0       0 00     0     1.00     0       0 00     0     1.00     0       0 00     0     1.00     0       0 00     0     1.00     0       0 00     0     0     1.00       0 00     0     0     0       0 00     0     0     0       0 00     0     0     0       0 00     0     0     0       0 00     0     0     0       0 00     0     0     0       0 00     0     0     0       0 00     0     0     0       0 00     0     0     0       0 00     0     0     0       0 00     0     0     0       0 00     0     0     0       0 00     0     0     0       0 00     0     0     0       0 00     0     0     0       0 00     0     0	1	0.52	4						1,055								-	
4       002       4       1.149         5       006       4       1.004       1.004         6       009       4       1.135       1.004         7       0.72       4       1.135       1.004         8       0.75       4       1.135       1.004         9       0.79       4       1.132       1.004         0       0.82       4       1.121       1.004         0       0.82       4       1.142       1.014         0       0.82       4       1.142       1.014         0       0.92       4       1.142       1.014         0       0.92       4       1.142       1.014         0       0.92       4       1.142       1.014         0       0.92       4       1.142       1.014         0       0.92       4       1.142       1.014         0       0.92       4       1.142       1.014         0       0.92       4       1.143       1.014         1.10       4       1.143       1.014       1.014         1.114       1.0158       1.0156       1.014	3	0.59	4						1,102								-	
	4	0.62	4						1,149									
0 00         4         1.115           0 07         4         1.113           0 07         4         1.113           0 07         4         1.113           0 07         4         1.113           0 07         4         1.113           0 08         4         1.113           0 08         4         1.113           0 08         4         1.121           0 08         4         1.144           0 08         4         1.142           0 08         4         1.143           0 08         4         1.143           0 08         4         1.143           0 08         4         1.143           0 08         4         1.143           0 106         4         1.173           1 106         1.173         4           1 108         4         1.205           1 13         4         1.205           1 138         4         1.006           1 138         4         1.008           1 138         4         1.008           1 138         4         1.008	5	0.66	4						1,054									
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9     0.79     4     1,172       0     0.82     4     1,172       1     0.85     4     1,144       2     0.89     4     1,142       3     0.93     4     1,142       4     0.85     1,142       5     0.94     1,142       6     0.95     4       7     1.66     1,147       6     0.95     4       7     1.66     1,147       7     1.66     1,147       6     0.95     4       7     1.66     1,147       7     1.66     1,147       6     1.974       7     1.66     1,147       7     1.66     1,147       8     1.974       9     1.12       9     1.12       9     1.12       9     1.25       9     1.25       9     1.25       9     1.25       9     1.25       9     1.25       9     1.25       9     1.25       9     1.26       9     1.25       9     1.25       1.13     1.26       9	8	0.72	4						1,115								-	
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#### Task 2 – Real Time, On-site and Remote QC Monitoring Implementation Feasibility Study

- The new data analysis tool will greatly improve drilled shaft QA/QC as the quality and lengths of rock sockets can be verified through specific energy obtained from MWD
- When MWD-load test correlations can be established for a site or region, the QA portion of the procedure is improved by allowing the shaft's axial capacity to be estimated to ensure it meets design criteria, directly
- However, the quality control (QC) portion of the procedure could be further improved by providing real-time measurements of specific energy, total energy, and side shear axial shaft capacity during the drilling process

# Task 2 – Real Time, On-site and Remote QC Monitoring Implementation Feasibility Study

- Can currently view drilling parameters live
- Need to develop a robust method that can transmit compound parameters that is applicable to all monitoring systems
  - Likely through CAN bus integration
  - Will be tested during BED31-977-03 in a controlled setting
  - SBC module can transmit actual data on-site and to remote locations via CAN and Modem hats added in
- Moving in the direction of remote monitoring using Python and MQTT
  - Live data is sent to a satellite server that can be accessed via the FLMWD Excel UI, filtered, cleaned, and analyzed in the office
    - MQTT -> MQ Telemetry Transport
    - Machine to machine network protocol
    - Ideal for connections with remote locations that have devices with resource constraints or have limited network bandwidth such as the Internet of Things (IoT) which will be used
    - Creates a viable path forward for remote monitoring and live analysis in the office



### **Remaining Tasks**

- Deliverable 1 Establish drilled shaft MWD data reduction criteria and procedures (Task 1)
- Deliverable 2 On-site and remote monitoring implementation feasibility study (Task 2)
- Deliverable 3 MWD specific energy vs. drilled shaft side shear correlation (Task 3)
- Deliverable 4 MWD correlation validation for drilled shaft QA/QC (Task 4)
- Deliverable 5a Draft Final (Task 5)
- Deliverable 5b Closeout Meeting (Task 5)
- Deliverable 6 Final Report (Task 6)

#### Questions?



