

Confidentiality Requested:

Yes  No

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

Form ACO-1

January 2018

**Form must be Typed**

**Form must be Signed**

**All blanks must be Filled**

**WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD

Gas  DH  EOR

OG  GSW

CM (Coal Bed Methane)

Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening  Re-perf.  Conv. to EOR  Conv. to SWD

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

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

Submitted Electronically

**KCC Office Use ONLY**

Confidentiality Requested

Date: \_\_\_\_\_

Confidential Release Date: \_\_\_\_\_

Wireline Log Received  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	WENU 606
Doc ID	1655139

All Electric Logs Run

ARRAY COMPENSATED TRUE RESISTIVITY LOG
ARRAY COMPENSATED TRUE RESISTIVITY LOG 2
ARRAY COMPENSATED TRUE RESISTIVITY LOG 5
BOREHOLE SONIC ARRAY LOG
CALIPER BOREHOLE VOLUME
POROSITY BULK DENSITY
QUAD COMBO LOG
QUAD COMBO

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	WENU 606
Doc ID	1655139

Tops

Name	Top	Datum
Heebner	4033	.
Lansing	4135	.
SWOPE	4556	.
MARMATON	4708	.
CHEROKEE	4871	.
ATOKA	5047	.
MORROW	5201	.
UPPER WENU ZONE	5369	.
LOWER WENU ZONE	5401	.
CHESTER	5418	.
ST GENEVIEVE	5466	.





## Comments

**MERIT ENERGY COMPANY LLC**  
 13727 Noel Road,  
 Suite 1200, Dallas, Texas,  
 75240

**WELLSITE MANAGERS:**  
**RODNEY GONZALES**

**DUKE DRILLING RIG #9**

**LUKE WEISSLER - ENGINEER**

**MID CONTINENT WELL LOGGING SERVICE, INC.: NORMAN, OK**  
**LOGGING UNIT: JEB**  
**MCWL GAS BOX: 702**








































































**MUD LOGGER: ANDY BLACK/ STEFAN SMITH**

**CALL OUT DATE: 03/19/2022**  
**BEGAN LOGGING: 3/20/2022 @ 4,000' MD**  
**DRILLING COMPLETED: 3/21/2022 @ 5,622'**

## ROCK TYPES

 Sndylm  Anhy  Bent  Brec  Cht  Clyst	 Coal  Congl  Dol  Gyp  Igne  Lmst	 Meta  Mrlst  Salt  Shale  Shcol  Shgy	 Ss  Till  Hotsh  Slstst
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## ACCESSORIES

<p><b>MINERAL</b></p>  Anhy  Arggrn  Arg  Bent  Bit  Brecfrag  Calc  Carb  Chtdk  Chtlt  Dol  Feldspar  Ferrpel  Ferr  Glau  Gyp  Hvymin  Kaol  Marl	 Minxl  Nodule  Phos  Pyr  Salt  Sandy  Silt  Sil  Sulphur  Tuff <p><b>FOSSIL</b></p>  Algae  Amph  Belm  Bioclst  Brach  Bryozoa  Cephal  Coral	 Crin  Echin  Fish  Foram  Fossil  Gastro  Oolite  Ostra  Pelec  Pellet  Pisolite  Plant  Strom <p><b>STRINGER</b></p>  Anhy  Arg  Bent  Coal  Dol	 Gyp  Ls  Mrst  Ssstrg  Slststrg <p><b>TEXTURE</b></p>  Boundst  Chalky  Cryxln  Earthy  Finexln  Grainst  Lithogr  Microxln  Mudst  Packst  Wackest
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OTHER SYMBOLS

- POROSITY**
- [E] Earthy
  - [□] Fenest
  - [F] Fracture
  - [X] Inter
  - [Z] Moldic
  - [O] Organic
  - [P] Pinpoint
  - [V] Vuggy
  - [ ] New symbol

- [ ] New symbol
- [ ] Sndylm
- [ ] New symbol

- SORTING**
- [W] Well
  - [M] Moderate
  - [P] Poor

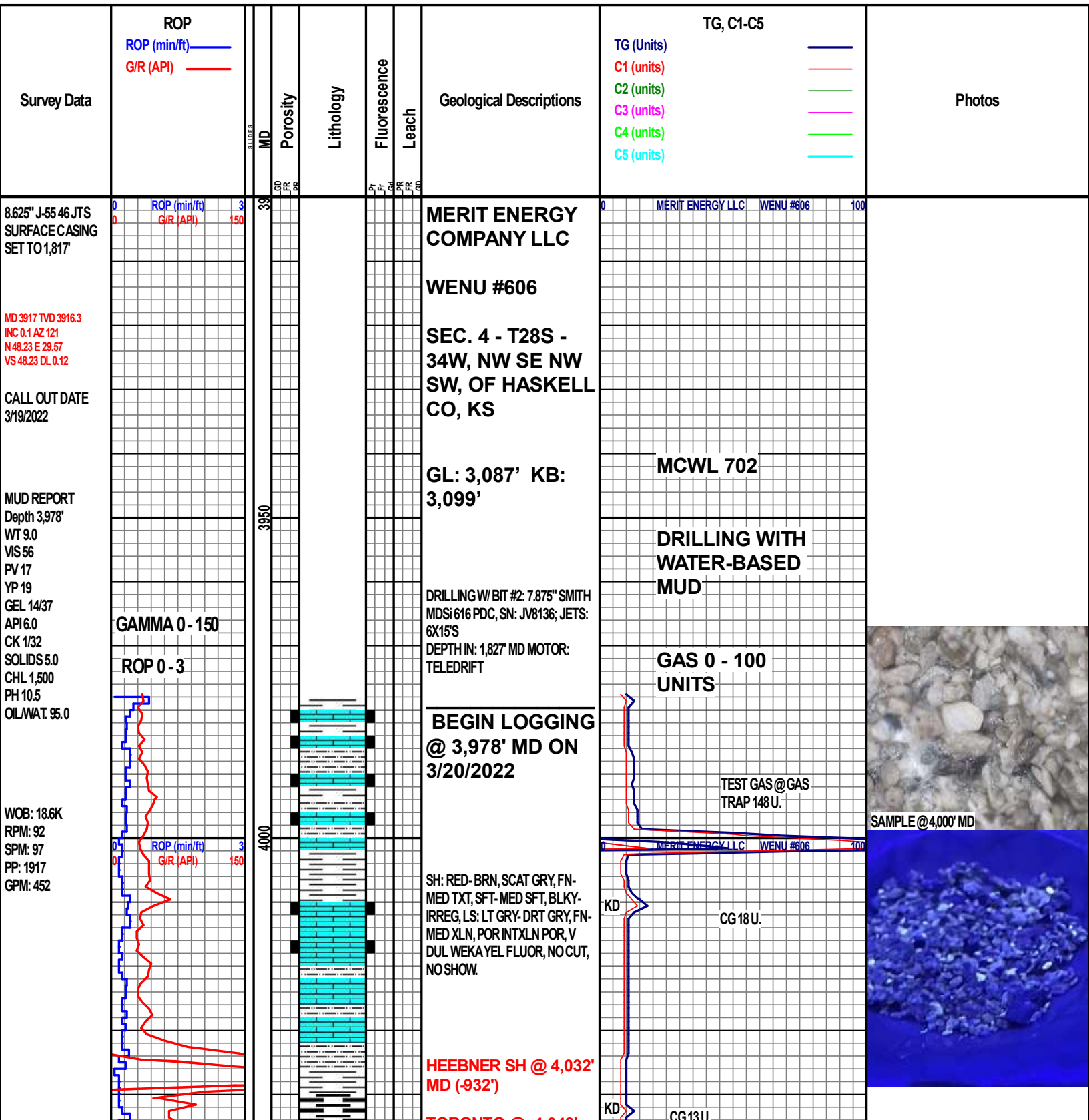
- ROUNDING**
- [R] Rounded
  - [F] Subrnd
  - [a] Subang
  - [A] Angular

- OIL SHOW**
- [●] Even
  - [○] Spotted
  - [○] Ques

- [D] Dead

- INTERVAL**
- [■] Core
  - [□] Dst

- EVENT**
- [▤] Rft
  - [▤] Sidewall

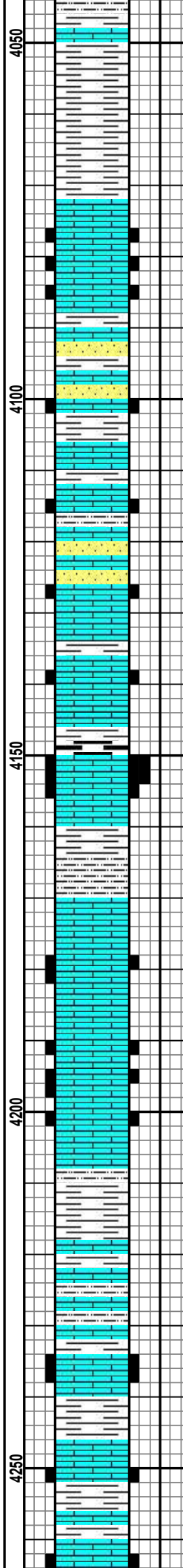
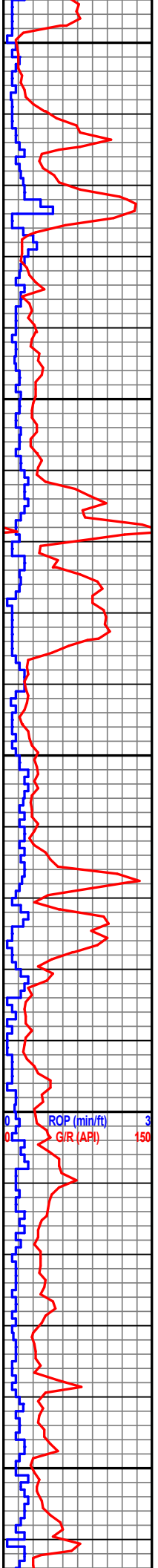




MUD WT: 9.0  
VS: 56

MD 4137 TVD 4136.3  
INC 0.2 AZ 93  
N 48.11 E 30.12  
VS 48.11 DL 0.06

WOB: 19.1K  
RPM: 88  
SPM: 96  
PP: 1763  
GPM: 449



**TORONTO @ 4,048' MD (-948')**

SH: PRED BLK- DRK GRY, SM GRY, SCAT MRL, BLKY-IRREG, SFT-MED SFT, SM BRTL, LS SCAT THRU OUT.

**LANSING @ 4,075' MD (-975')**

LS: PRED TAN-CRM, FN-MED XLN, PR INTXLN POR V DUL WEAK YEL FLUOR, NO CUT, NO SHOW.

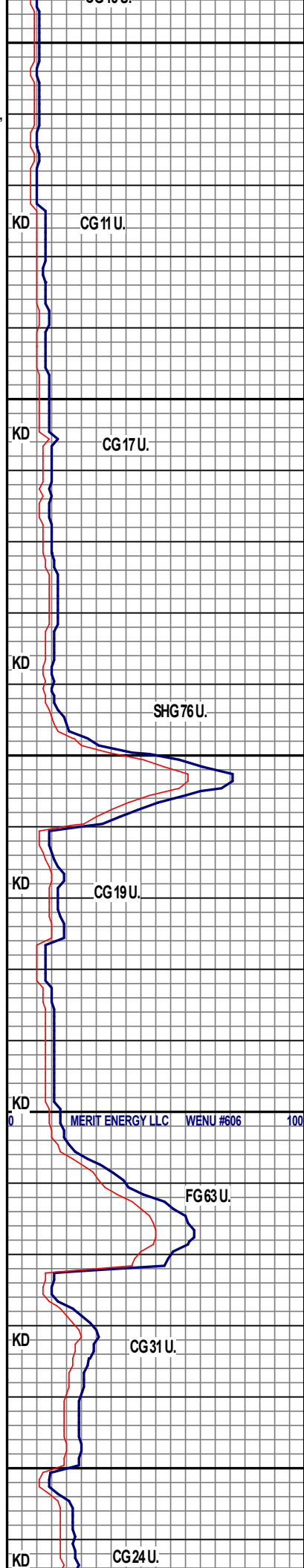
**LANSING GRP @ 4,134' (-1,034')**

LS: PRED TAN-OFF WHT, FN-MED XLN, PR INTXLN POR, SCAT SS & SH SCAT THRU OUT, VDUL WEAK FLUOR, NO CUT, NO SHOW.

**LANSING B @ 4,210' (-1,110')**

LS: GY-OFF WHT, HRD-FRM, FN-V FN XLN, SH SCAT THRU OUT, PR INTRXLN, VDUL WEAK YEL FLUOR, NO CUT.

LS: MSTLY LT GRY-GRY, SM OFF

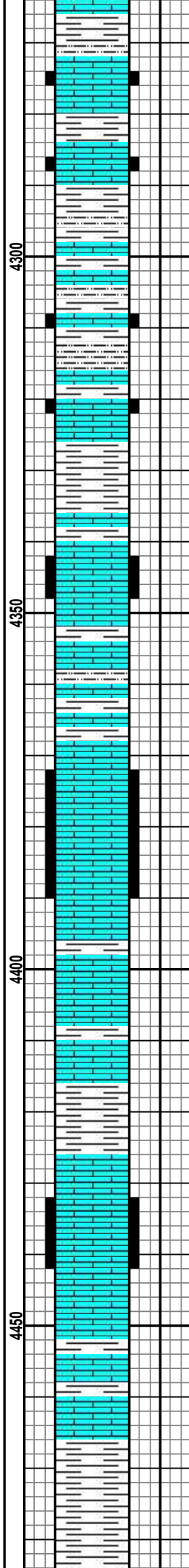
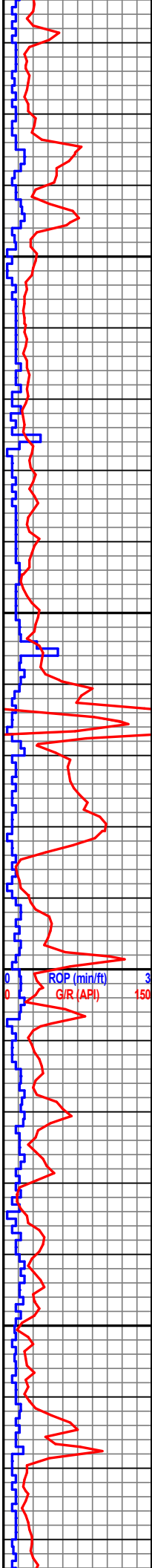


MERIT ENERGY LLC WENU #606 100

MUD WT: 9.0  
VIS: 56

WOB: 18.1K  
RPM: 80  
SPM: 96  
PP: 1977  
GPM: 447

MD 4471 TVD 4470.3  
INC 0.1 AZ 186  
N 47.79 E 30.67  
VS 47.79 DL 0.07



WHT-WHT, SCAT TAN-CRM, FN-VFN XLN, PRED HRD-VHRD, SCAT MED-DRK GRY SH I.P., V PR INTRXLN POR, DULL YEL FLUOR, NO CUT, NO RES RING

**IOLA @ 4,295' MD (-1,195')**

SH: PRED MED GRY-GRY, SCAT LT GRY, FN-MED TXT, SF T-MED SFT, BLKY-IRREG, LS: OFF WHT-WHT, MED SFT-FRM BLKY-SUB BLKY, FN-MED XLN, PR INTRXLN POR, V DUL WEAK YEL FLUOR, NO CUT, NO SHOW.

LS: MSTLY LT GRY-GRY, SM OFF WHT-WHT, SM TAN-CRM, FN-VFN XLN, PRED MOD FRM-FRM, OCC HRD-V HRD, V BRI YEL FLUOR, V WEAK PETRO ODOR, NO CUT, SCAT MED-LT DRTY GRY SH I.P.,

**MNCRK @ 4,359' MD (-1,259')**

LS: MSTLY LT GRY-GRY, SM OFF WHT-WHT, SM TAN-CRM, FN-VFN XLN, PRED MOD FRM-FRM, OCC HRD-V HRD, V BRI YEL FLUOR, WEAK PETRO ODOR, NO CUT, SCAT MED-LT DRTY GRY SH I.P.,

**DRUM @ 4,384' MD (-1,284)**

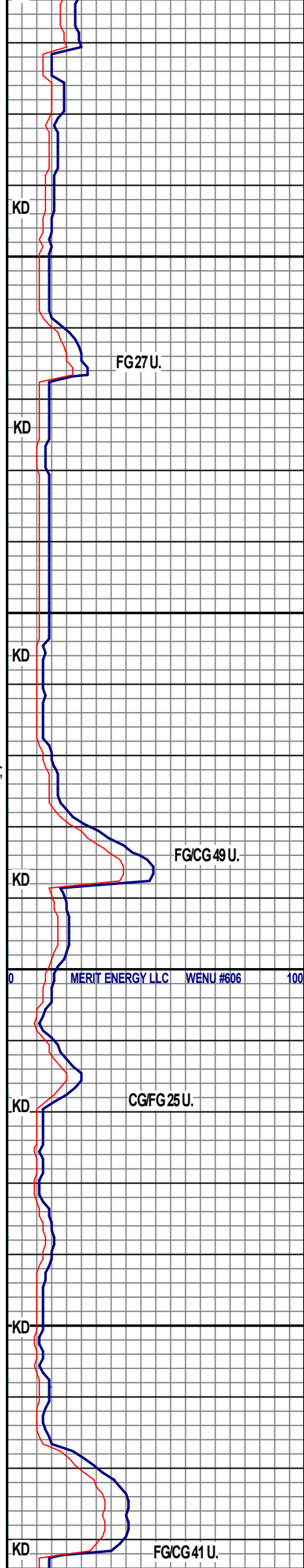
**B. DRUM @ 4,400' MD (-1,300)**

LS: GY-OFF WHT, HRD-FRM, FN-VFN XLN, SH SCAT THRU OUT, PR INTRXLN, V DUL WEAK YEL FLUOR, NO CUT.

LS: GY-OFF WHT, HRD-FRM, FN-VFN XLN, SH SCAT THRU OUT, PR INTRXLN, V DUL WEAK YEL FLUOR, NO CUT.

**DENNIS @ 4,468' MD (-1,368')**

LS: MSTLY LT GRY-GRY, SM OFF



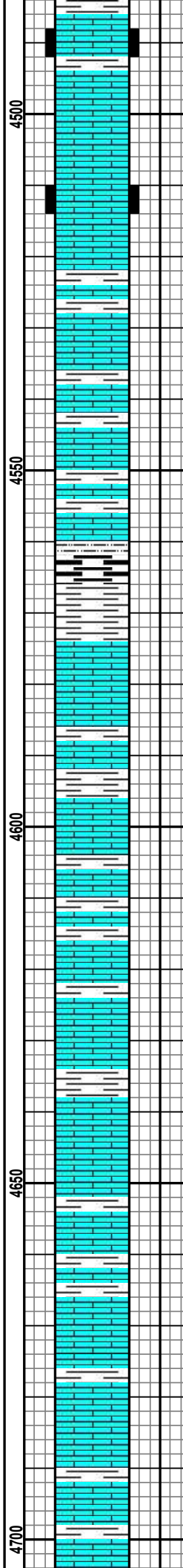
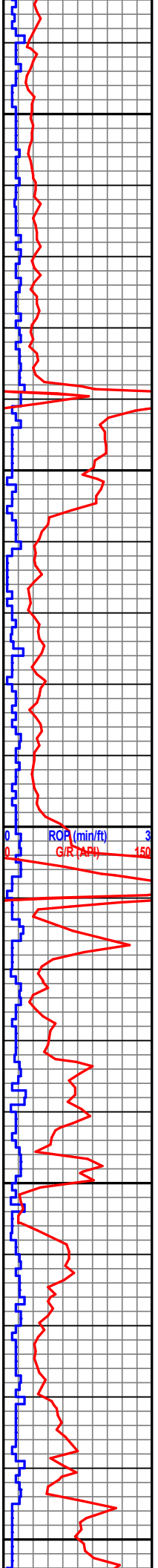
MERIT ENERGY LLC WENU #606 100

MUD WT: 9.0  
VIS: 56

WOB: 17.8K  
RPM: 74  
SPM: 96  
PP: 2272  
GPM: 445

MD 4627 TVD 4626.3  
INC 0.6 AZ 312  
N 48.2 E 30.05  
VS 48.2 DL 0.43

MUD WT: 9.0  
VIS: 56



LS: MISTY LT GRY-GRY, SW OFF  
WHT-WHT, SCAT TAN-CRM, FN-  
V FN XLN, PRED HRD-VHRD,  
SCAT MED-DRK GRY SH IP, V PR  
INTRXLN POR, DULL YEL FLUOR,  
NO CUT, NO RES RING

LS: TAN-CRM, FN-MED XLN,  
FRM-SLI HRD, BLKY-SUB BLKY,  
SH IP, PR INTRXLN POR, VDUL  
WEAK YEL FLUOR, NO CUT, NO  
SHOW.

**STARK @ 4,539' MD  
(-1,439')**

**SWOPE @ 4,555' MD  
(-1,455')**

SH PRED MED GRY-DRK GRY, FN-MED  
TXT. SFT-MED SFT, BRTL, BLKY-IRREG.

LS: OFF WHT-CRM, FN-MED XLN,  
FRM-SLI HRD, BLKY-SUB BLKY,  
SH IP, PR INTRXLN POR

**HUSH SH @ 4,600' MD  
(-1,500')**

**HERTHA LS @ 4,610'  
MD (-1,510')**

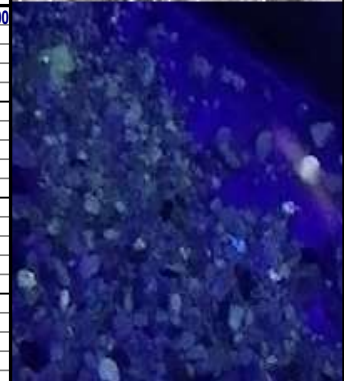
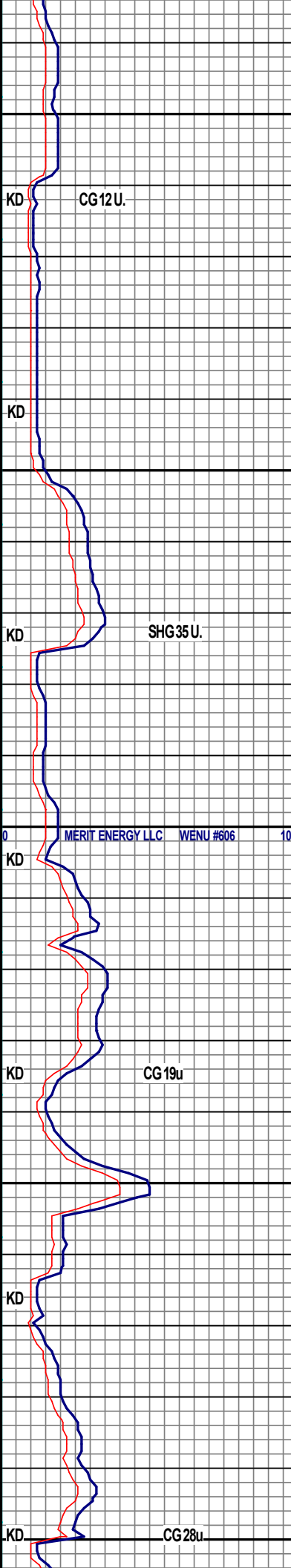
LS: TAN-CRM, MED-FN XLN,  
MOD FRM-VFRM, SUB BLKY-  
BLKY, SH IP, PR NTRXLN POR

**EXLINE LS @ 4,650'  
MD (-1,550')**

LS: OFF WHT-CRM, OCC LT TAN,  
FN-MED XLN, FRM-SLI HRD,  
BLKY-SUB BLKY, SH IP, PR  
INTRXLN POR

LS: TAN-CRM, MED-FN XLN,  
MOD FRM-VFRM, SUB BLKY-  
BLKY, SH IP, PR NTRXLN POR

**PLSNT SH @ 4,694'  
MD (-1,594')**

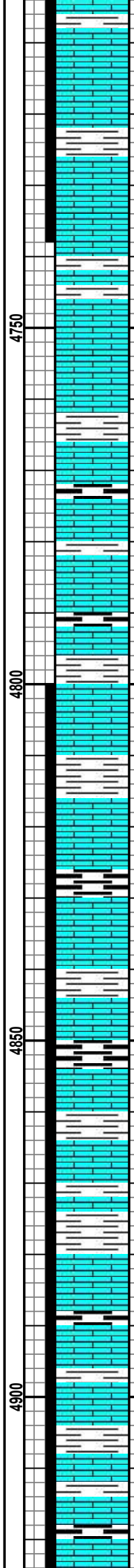
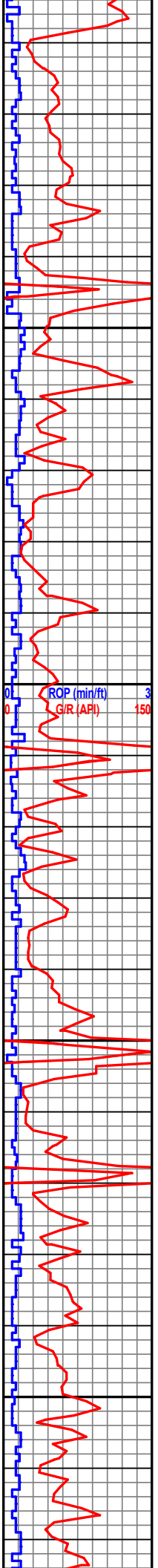




MD 4785 TVD 4784.29  
INC 0.4 AZ 284  
N 48.89 E 28.9  
VS 48.89 DL 0.2

WOB: 18K  
RPM: 81  
SPM: 96  
PP: 2307  
GPM: 448

MUD WT: 9.0  
VS: 56



**MRMNT GRP @ 4,708' MD (-1,608')**

LS: OFF WHT-CRM, OCC LT TAN, FN-MED XLN, FRM-SLI HRD, BLKY-SUB BLKY, SH IP, PR INTRXLN POR

LS: TAN-CRM, MED-FN XLN, MOD FRM-V FRM, SUB BLKY-BLKY, SH IP, PR NTRXLN POR

EXLINE LS @ 4,668' MD (-1,569')

LS: OFF WHT-CRM, OCC LT TAN, FN-MED XLN, FRM-SLI HRD, BLKY-SUB BLKY, SH IP, PR INTRXLN POR

**PAWNEE @ 4,813' MD (-1,713')**

LS: TAN-CRM, MED-FN XLN, MOD FRM-V FRM, SUB BLKY-BLKY, SH IP, PR NTRXLN POR

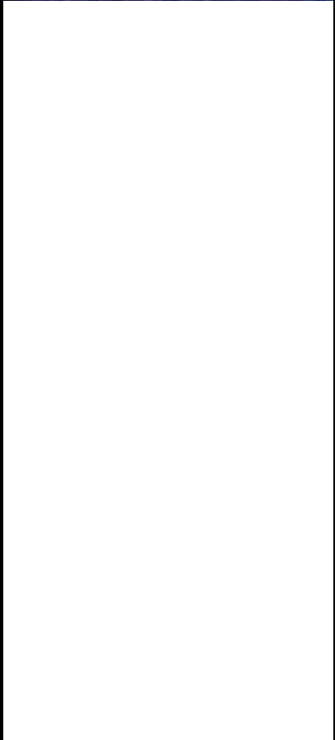
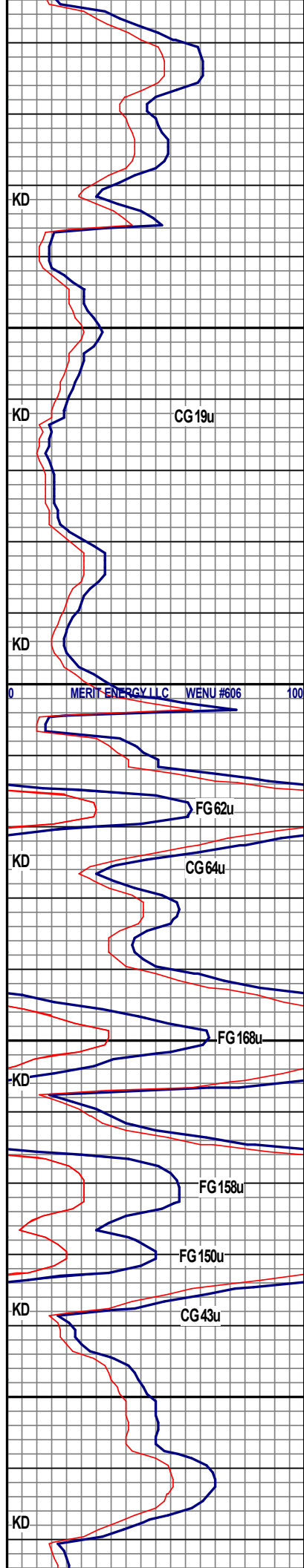
**FT SC @ 4,845' MD (-1,745')**

LS: OFF WHT-CRM, OCC LT TAN, FN-MED XLN, FRM-SLI HRD, BLKY-SUB BLKY, SH IP, PR INTRXLN POR

**CHRK GRP @ 4,870' MD (-1,770')**

LS: LT TAN-CRM, OCC LT GY, V FN-FN XLN, MOD FRM-V FRM, SUB BLKY-BLKY, SH IP, PR INTRXLN POR

**VRDGS @ 4,916' MD (-1,816')**

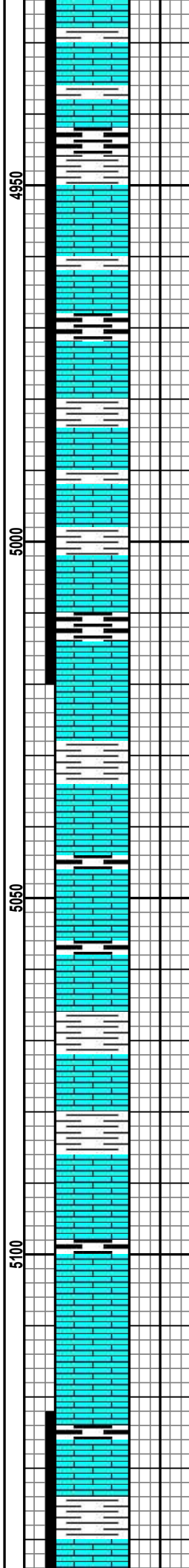
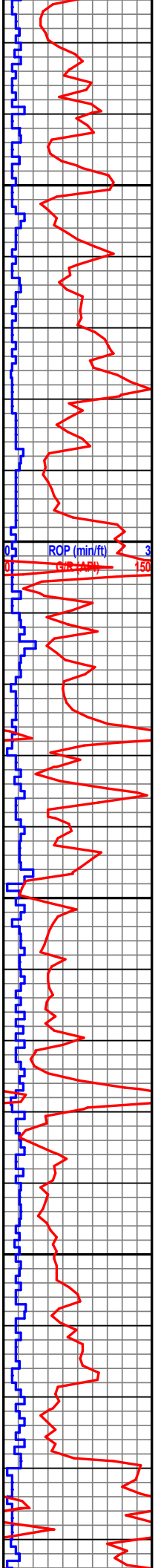


MD 4941 TVD 4940.29  
INC 0.1 AZ 297  
N 49.08 E 28.25  
VS 49.08 DL 0.19

WOB: 20K  
RPM: 81  
SPM: 96  
PP: 2352  
GPM: 449

MUD WT: 9.0  
VS: 56

MD 5098 TVD 5097.29  
INC 0.4 AZ 346  
N 49.68 E 27.99  
VS 49.68 DL 0.22



LS: OFF WHT-CRM, OCC LT GRY,  
FN-VFN XLN, VFRM-SLI HRD,  
BLKY-SUB BLKY, SH IP., PR  
INTRXLN POR

LS: LT TAN - CRM, OCC LT GY, V  
FN-FN XLN, MOD FRM-VFRM,  
SUB BLKY-BLKY, SH IP., PR  
INTRXLN POR

LS: OFF WHT-CRM, OCC LT GRY,  
FN-VFN XLN, VFRM-SLI HRD,  
BLKY-SUB BLKY, SH IP., PR  
INTRXLN POR

LS: LT TAN - OFF EHT, SME LT GY,  
VFN-FN XLN, MOD FRM-VFRM,  
SUB BLKY-BLKY, SH IP., PR  
INTRXLN POR

LS: OFF WHT-TAN, SME LT GRY,  
FN-VFN XLN, VFRM-SLI HRD,  
BLKY-SUB BLKY, SH IP., PR  
INTRXLN POR

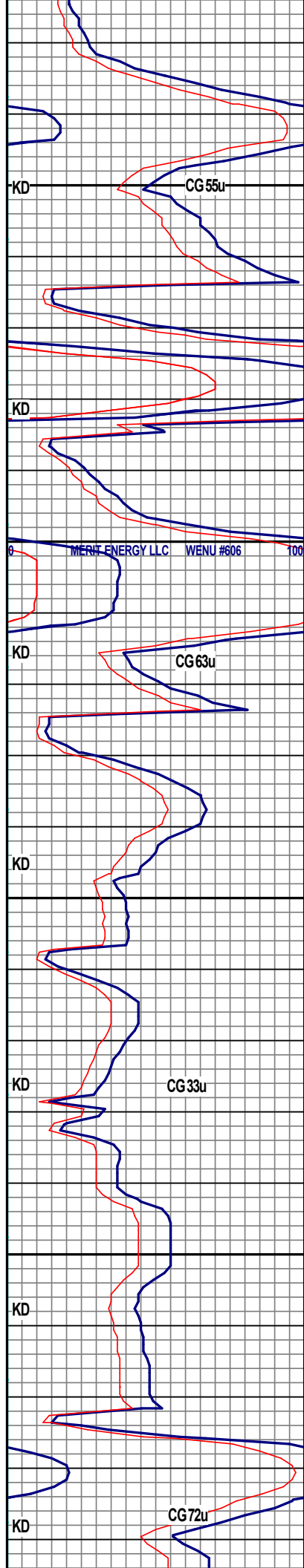
**ATKN GRP @ 5,047'  
MD (-1,947')**

LS: LT TAN - OFF EHT, SME LT GY,  
VFN-FN XLN, MOD FRM-VFRM,  
SUB BLKY-BLKY, SH IP., PR  
INTRXLN POR

LS: OFF WHT-TAN, SME LT GRY,  
FN-VFN XLN, VFRM-SLI HRD,  
BLKY-SUB BLKY, SH IP., PR  
INTRXLN POR

**ATOKA SH @ 5,129'  
MD (-2,029')**

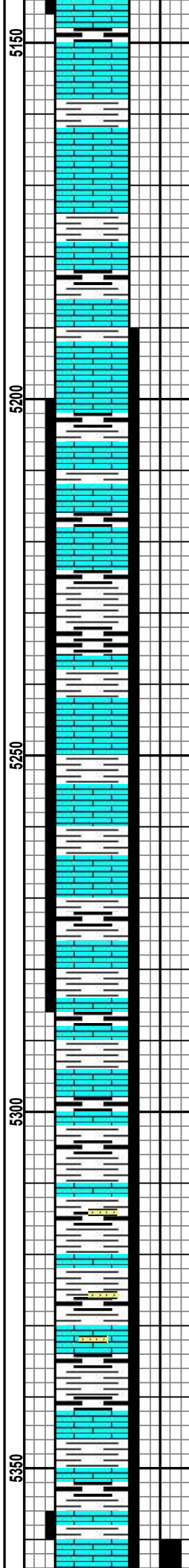
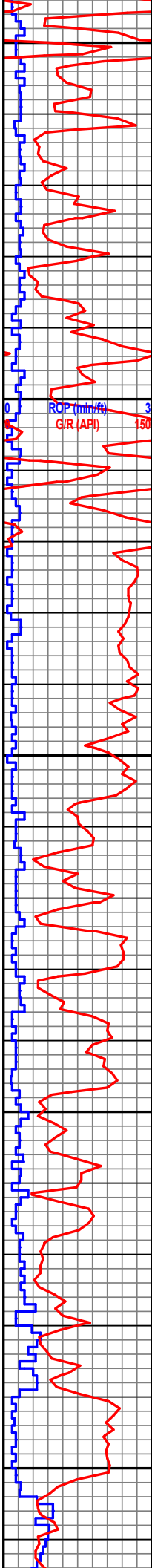
LS: CRM-OFF WHT, OCC LT GY, V  
FN-FN XLN, MOD FRM-VFRM,  
SUB BLKY-BLKY, SH IP., PR  
INTRXLN POR



WOB: 5K  
RPM: 86  
SPM: 96  
PP: 1872  
GPM: 449

MD 5285 TVD 5284.28  
INC 0.9 AZ 20  
N 51.69 E 28.34  
VS 51.69 DL 0.33

MUD WT: 9.0  
VIS: 56



LS: OFF WHT-TAN, SME LT GRY,  
FN-V FN XLN, VFRM- SLI HRD,  
BLKY-SUB BLKY, SH IP, PR  
INTRXLN POR

**MRRW GRP @ 5,201'  
MD (-2,101')**

LS: CRM-OFF WHT, OCC LT GY, V  
FN- FN XLN, MOD FRM- VFRM,  
SUB BLKY- BLKY, SH IP, PR  
INTRXLN POR, SCAT DULL YEL  
FLOR, NO VIS CUT, NO VIS RES  
RING

LS: OFF WHT-LTTAN, SME LT  
GRY, FN- VFN XLN, VFRM- SLI  
HRD, BLKY- SUB BLKY, SH IP, PR  
INTRXLN POR, SCAT DULL YEL  
FLOR, NO VIS CUT, NO VIS RES  
RING

LS: CRM-OFF WHT, OCC LT GY, V  
FN- FN XLN, MOD FRM- VFRM,  
SUB BLKY- BLKY, SH IP, PR  
INTRXLN POR, SCAT DULL YEL  
FLOR, NO VIS CUT, NO VIS RES  
RING

**MRRW LIME @ 5,263'  
MD (-2,164')**

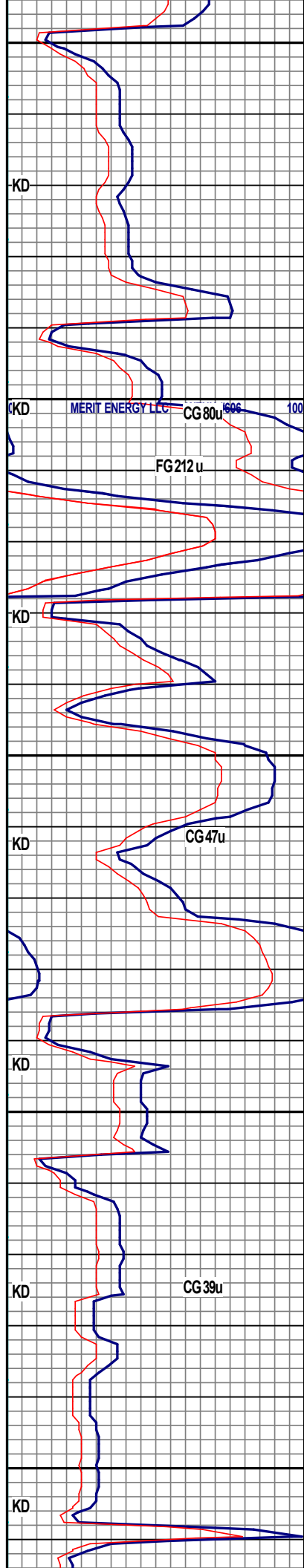
LS: OFF WHT-LTTAN, SME LT  
GRY, FN- VFN XLN, VFRM- SLI  
HRD, BLKY- SUB BLKY, SH IP, PR  
INTRXLN POR, SCAT DULL YEL  
FLOR, NO VIS CUT, NO VIS RES  
RING

**UPPER MORROW  
SANDS @ 5,306' MD  
(-2,207')**

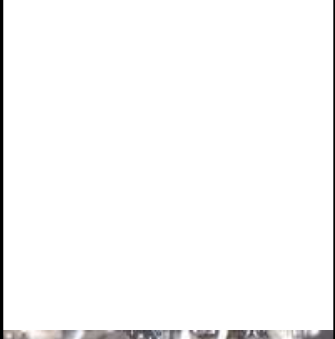
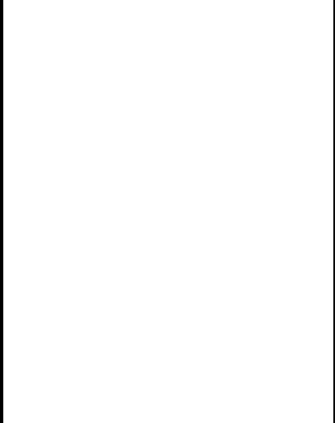
SH: LT GRY-MED GY, OCC BLK,  
FN- V FN TXT, VFRM- SLI HRD,  
BLKY- SUB BLKY, SCAT SS  
IP, SCAT DULL ORNG FLOR, NO  
VIS CUT, NO VIS RES RING

SH: MED GRY-LT GY, SCAT  
BLK-DK GRY, FN- V FN TXT, V  
FRM- SLI HRD, BLKY- SUB BLKY,  
SCAT DULL ORNG FLOR, NO VIS  
CUT, NO VIS RES RING

**MENIL SANDS @**



SAMPLE @ 5,200' MD



SAMPLE @ 5,350' MD

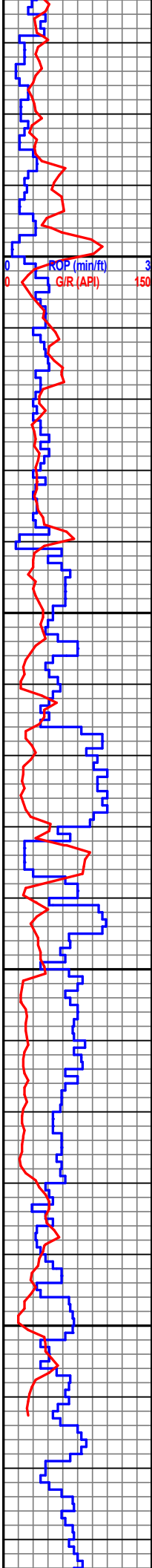


3/21/2022

WOB: 17K  
RPM: 86  
SPM: 96  
PP: 2133  
GPM: 447

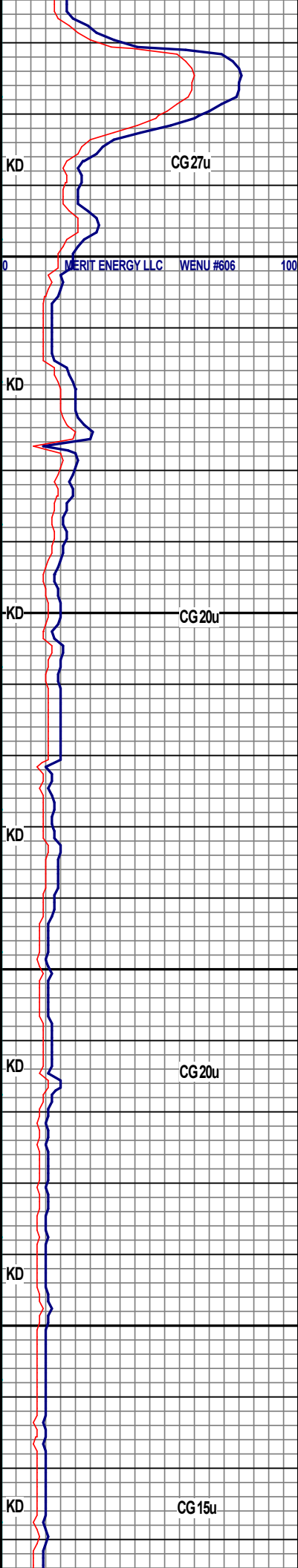
MD 5441 TVD 5440.26  
INC 0.7 AZ 19  
N 53.74 E 29.07  
VS 53.74 DL 0.13

MUD WT: 9.2  
VIS: 58



**WENU SANDS @ 5,369' MD (-2,269')**

LS: OFF WHT-CRM, OCC LT GRY, FN-VFN XLN, VFRM-SLI HRD, BLKY-SUB BLKY, SH IP, SCAT SS STRINGERS IP, PR INTRXLN POR, SCAT DULL ORNG FLOR, THK MLKY WHT CUT, THN DULL YEL RES RING



LS: CRM-OFF WHT, OCC LT GRY, VFN-FN XLN, SLI HD-VFRM, BLKY-SUB BLKY, SH IP, PR INTRXLN POR, SCAT DULL ORNG FLOR, NO VIS CUT, NO VIS RES RING

**CHESTER LIME @ 5,418' MD (-2,318')**

SH: MED GRY-LT GY, SCAT BLK-DK GRY, OCC GRN TNT, FN-VFN TXT, VFRM-SLI HRD, BLKY-SUB BLKY, SCAT DULL YELL FLOR, NO VIS CUT, NO VIS RES RING

**ST GEN @ 5,466' MD (-2,366')**

SH: MED GRY-LT GY, SCAT BLK-DK GRY, SCAT GRN TNT, FN-VFN TXT, VFRM-SLI HRD, BLKY-SUB BLKY, SCAT DULL YELL FLOR, NO VIS CUT, NO VIS RES RING

LS: CRM-OFF WHT, OCC LT GRY, VFN-FN XLN, SLI HD-VFRM, BLKY-SUB BLKY, SH IP, PR INTRXLN POR, SCAT DULL YELL FLOR, NO VIS CUT, NO VIS RES RING

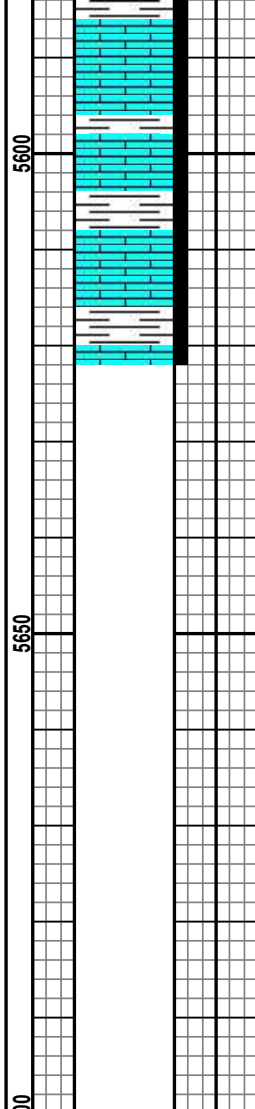
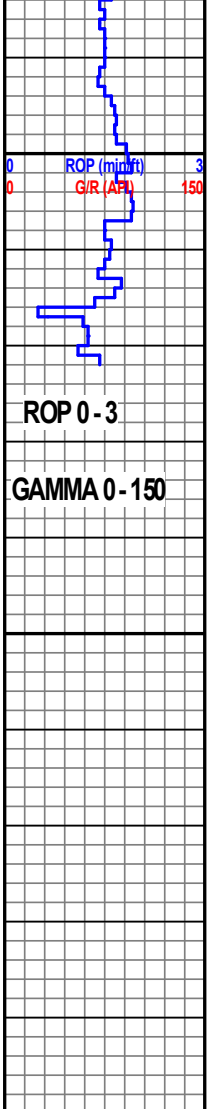
LS: OFF WHT-WHT, OCC LT GRY, FN-VFN XLN, VFRM-SLI HD, BLKY-SUB BLKY, SH IP, PR INTRXLN POR, SCAT DULL YELL FLOR, NO VIS CUT, NO VIS RES RING

LS: CRM-OFF WHT, OCC LT GRY, VFN-FN XLN, SLI HD-VFRM, BLKY-SUB BLKY, SH IP, PR INTRXLN POR, SCAT DULL YELL FLOR, NO VIS CUT, NO VIS RES RING



MD 5598 TVD 5597.25  
INC 0.9 AZ 41  
N 55.58 E 30.19  
VS 55.58 DL 0.23

WOB: 16K  
RPM: 86  
SPM: 95  
PP: 1964  
GPM: 445



LS: OFF WHT-WHT, OCC LT GRY,  
FN-VFN XLN, VFRM-SLI HD,  
BLKY-SUB BLKY, SH IP, PR  
INTRXLN POR, SCAT DULL YELL  
FLOR, NO VIS CUT, NO VIS RES  
RING

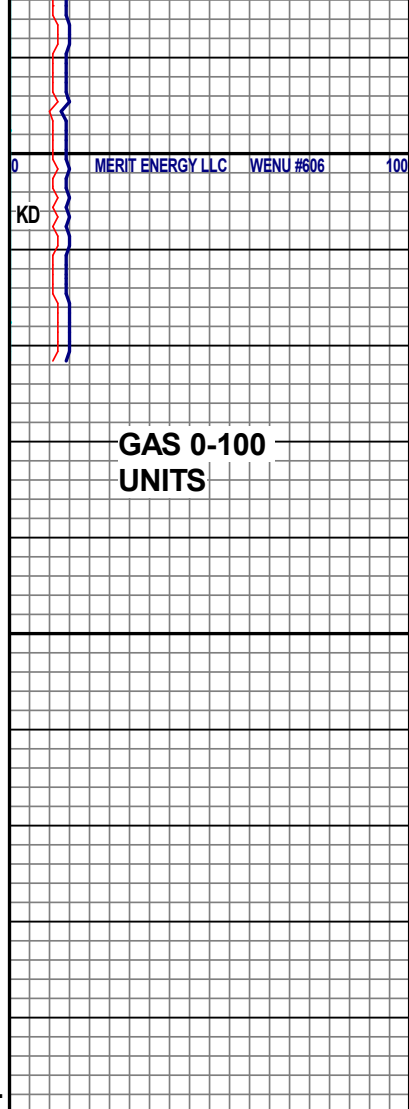
LS: CRM-OFF WHT, OCC LT GRY,  
VFN-FN XLN, SLI HD-VFRM,  
BLKY-SUB BLKY, SH IP, PR  
INTRXLN POR, SCAT DULL YELL  
FLOR, NO VIS CUT, NO VIS RES  
RING

DRILLER'S TD @  
5,622' ON  
3/21/2022  
GL: 3,087' KB:  
3,099'

MERIT ENERGY  
COMPANY LLC

WENU #606

SEC. 4 - T28S -  
34W, NW SE NW  
SW, OF HASKELL







**QUASAR ENERGY SERVICES, INC.**

3288 FM 51  
 Gainesville, Texas 76240  
 Office: 940-612-3336  
 Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2c

3/18/22  
 CEMENTING JOB LOG

**CEMENTING JOB LOG**

<b>Company:</b> Merit Energy Company	<b>Well Name:</b> WENU 606
<b>Type Job:</b> Cement- Surface	<b>AFE #:</b> 64676

CASING DATA			
Size:	8 5/8	Grade:	J-55
		Weight:	24
<b>Casing Depths</b>	Top:	Bottom:	1817.29
Drill Pipe:	Size:	Weight:	Packer:
Open Hole:	Size: 12 1/4	T.D. (ft):	Perfs.:

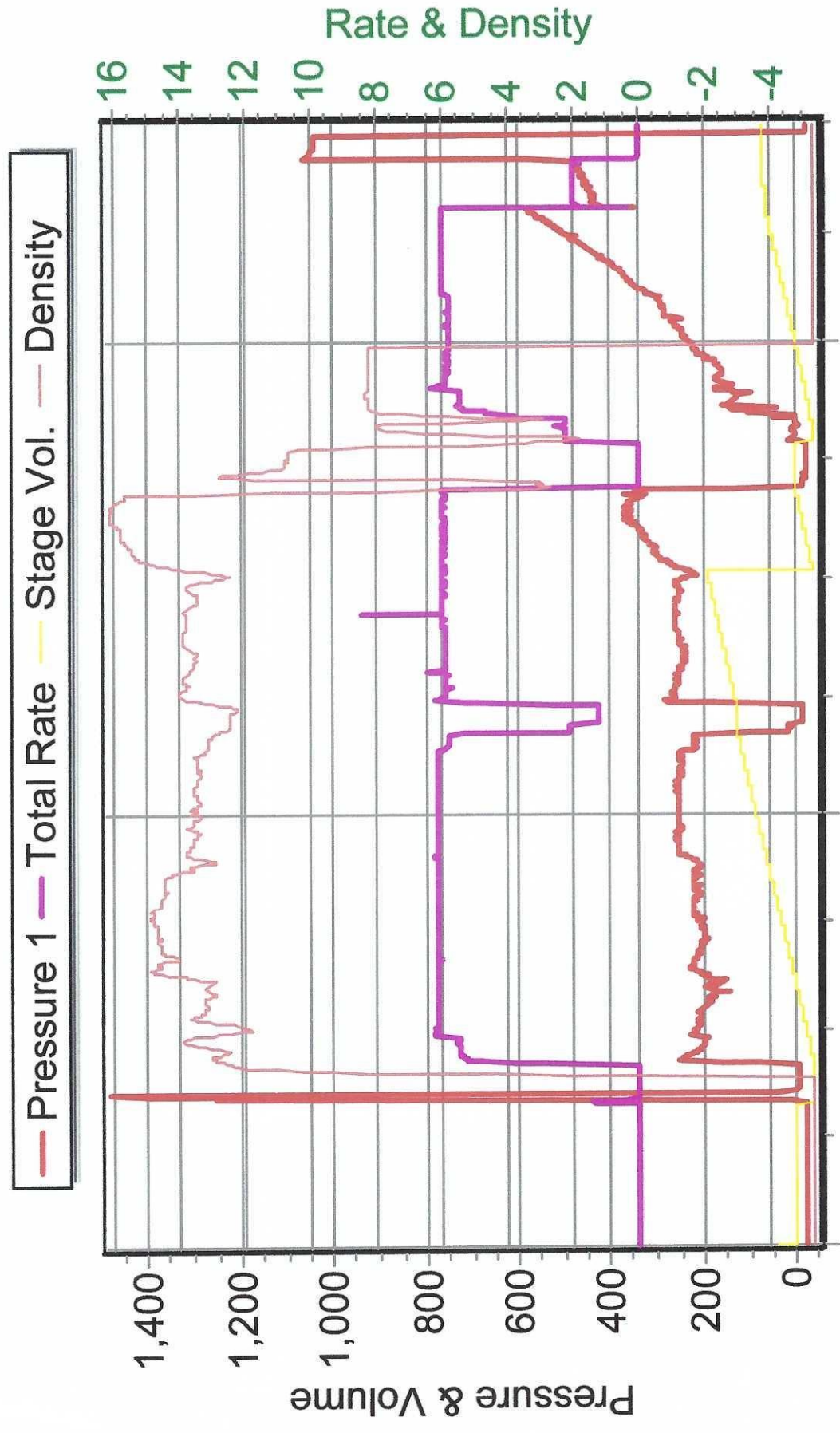
CEMENT DATA						
<b>Spacer Type:</b>						
Amt.	Sks Yield	0	ft <sup>3</sup> /sk	Density (PPG)		
<b>LEAD:</b>	Class A: 2%Gyp., 2%SMS., 3 Calcium Chloride, 1/4# Celloflake				Excess	
Amt.	515	Sks Yield	1230.85	ft <sup>3</sup> /sk	2.39	Density (PPG) 12.14
<b>TAIL:</b>	Class A: 2% Calcium Chloride, 1/4# Celloflake				Excess	
Amt.	165	Sks Yield	196.35	ft <sup>3</sup> /sk	1.19	Density (PPG) 15.69
<b>WATER:</b>						
Lead:	515	gals/sk:	14	Tail:	165	gals/sk: 5.2
						Total (bbls): 192.1
Pump Trucks Used:	210, DP11					
Bulk Equipment:	227, 660-25 / 229, 660-23					
Disp. Fluid Type:	Water (Supplied)		Amt. (Bbls.)	113.1	Weight (PPG):	8.33

<b>COMPANY REPRESENTATIVE:</b> Rodney	<b>CEMENTER:</b> Daniel Beck
---------------------------------------	------------------------------

TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
	Casing	Tubing	ANNULUS	TOTAL	RATE	
23:55						ON LOCATION & SAFETY MEETING
3:15						RIG UP
3:45						RIG TO CIRCULATE
4:04						RIG TO PT
4:05						PRESSURE TEST TO 1500PSI
4:09	250			219.2slurry	5.5	PUMP 515SX LEAD @ 12.1#
4:50	370			34.9slurry	5.8	PUMP 165SX TAIL @ 15.6#
4:57						SHUTDOWN / DROP PLUG
4:59	300			60	5.8	DISPLACE / CEMENT TO SURFACE
	360			70	5.8	
	420			80	5.8	
	490			90	5.8	
	550			100	5.8	
5:18	570			103	5.8	SLOW RATE TO 2.0BPM @ 430PSI
	460			110	2.0	
5:22	470			113.1	2.0	LAND PLUG / PRESSURE UP TO 1050PSI
5:24						RELEASE BACK --- FLOAT HELD
						JOB COMPLETE

<b>Company:</b> Merit Energy Company	<b>Well Name:</b> WENU 606
<b>Type Job:</b> Cement- Surface	<b>AFE #:</b> 64676
<b>Date:</b> 3/18/2022	CEMENTING JOB LOG

# Merit Energy Company WENU 606



3/19/2022 2:54:36 AM    3/19/2022 3:29:46 AM    3/19/2022 4:08:03 AM





**QUASAR ENERGY SERVICES, INC.**

3288 FM 51  
 Gainesville, Texas 76240  
 Office: 940-612-3336  
 Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2c

3/22/22  
 CEMENTING JOB LOG

**CEMENTING JOB LOG**

<b>Company:</b> MERIT ENERGY CO.	<b>Well Name:</b> WENU 606
<b>Type Job:</b> Cement - DV Tool	<b>AFE #:</b>

CASING DATA			
Size:	5 1/2	Grade:	Weight:
<b>Casing Depths</b>	Top:	Bottom:	5900
Drill Pipe:	Size:	Weight:	
Tubing:	Size:	Weight:	Grade:
Open Hole:	Size: 7 7/8	T.D. (ft):	TD (ft):
Perforations	From (ft):	To:	Packer Depth(ft): 4753 D.V. TOOL

CEMENT DATA			
<b>Spacer Type:</b>			
Amt.	Sks Yield	ft <sup>3</sup> /sk	Density (PPG)
<b>LEAD:</b>	CLASS C 50/50/25%GYP, 5#KOLSEAL,1/4#POLY, .5%C15, 10%SALT		Excess
Amt.	125	Sks Yield 1.54	ft <sup>3</sup> /sk Density (PPG) 13.79
<b>TAIL:</b>	CLASS C 50/50/25%GYP, 5#KOLSEAL,1/4#POLY, .5%C15, 10%SALT		Excess
Amt.	165	Sks Yield 1.54	ft <sup>3</sup> /sk Density (PPG) 13.79

<b>WATER:</b>							
Lead:	7	gals/sk:	21	Tail:	7	gals/sk:	28
						Total (bbls):	49
Pump Trucks Used:	210 DP11						
Bulk Equipment:	228 660-20						
Disp. Fluid Type:	FRESH/MUD	Amt. (Bbls.)			Weight (PPG):	8.3/9.2	
Mud Type:						Weight (PPG):	

**COMPANY REPRESENTATIVE:** RODNEY GONZALES      **CEMENTER:** CHAD HINZ

TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS	
	AM/PM	Casing	Tubing	ANNULUS	TOTAL		RATE
0900						ON LOC, SAFTEY MTG, R.U.	
1129		480				6	PUMP SS FLUSH
1133		480			12	6	H2O SPACER
1137		520			5	6	START MIXING
1147					34.3		SHUT DOWN, WASHUP, DROP PLUG
1152		350				6	START DISPLACEMENT
1157		330			26	6	START MUD
1217		430			131	2	SLOW RATE
1219		430-1030			136		PLUG DOWN
1220							DROP BOMB
1241		970-360					OPEN TOOL
1250							CIRC W/RIG 4 HRS
1629		220				6	PUMP SS FLUSH
1633		220			12	6	H2O SPACER
1636					5		PLUG RAT & MOUSE
1645		280				6	START MIXING
1703					31.5		SHUT DOWN, WASHUP, DROP PLUG
1708		100				6	START DISPLACEMENT
1725		460			100	2	SLOW RATE
1732		735-1810			110		PLUG DOWN
1734							RELEASE PSI, TOOL SHUT
							JOB COMPLETE, THANK YOU!!!

# MERIT ENERGY

## WENU 606 5 1/2 D.V.

— Pressure 1 — Total Rate — Density

