

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)</i> <i>(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	Stewart Producers, Inc.
Well Name	BANNON TRUST 2
Doc ID	1539168

All Electric Logs Run

DIL
MIL
CDL/CNL/PE
Sonic

Geologic Report
Aaron L. Young

Drilling Time and Sample Log

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: **Bannon Trust #2**
API: **15-015-24142**
Location: **Section 26 - T28S - R4E**
License Number: **34996**
Spud Date: **09/24/2020**
Surface Coordinates: **2138' FNL and 1957' FWL**

Region: **Butler Co., KS**
Drilling Completed: **09/28/2020**

Bottom Hole
Coordinates:
Ground Elevation (ft): **1233'** K.B. Elevation (ft): **1242'**
Logged Interval (ft): **1500'** To: **2820'** Total Depth (ft): **2820'**
Formation: **Arbuckle**
Type of Drilling Fluid: **Chemical - Fud Mud**

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: **Stewart Producers, Inc**
Address: **PO Box 546**
Mt. Vernon, IL 62864

GEOLOGIST

Name: **Aaron L. Young, M.S.**
Company: **Young Consulting LLC**
Address: **100 S Main, Suite 505**
Wichita, Kansas 67202

General Info

CONTRACTOR: C & G Drilling, Rig #2

BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	12-1/4	Atlas 616 PDC	6x18's	222	222	1.5
2	7-7/8	RBI 516 PDC	3x11 4x15	2651	2435	35.25
3	7-7/8	TZ 527	3x22	2762	111	7.75
2	7-7/8	RBI 516 PDC	3x11 4x15	2820	58	1.25

Survey: 2763' - .75

GENERAL DRILLING AND PUMP INFORMATION:

Drilling with 8,000 - 10,000 lbs. on bit and approx 80 RPM.
Running 5 stands of collars; 307.29'
Pumping approx 500-600 psi at standpipe @ 58 SPM

Daily Status

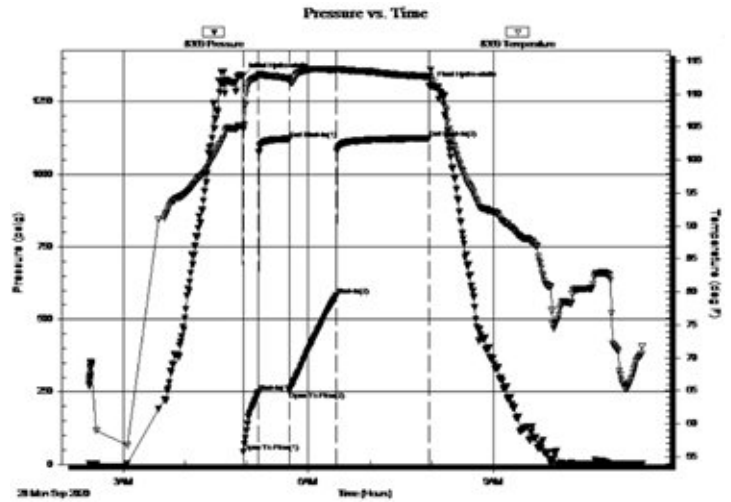
9/24/20 C&G Drilling rigged up and spudded at approximately 11:00. Should be drilling out from under surface tomorrow morning.
 9/25/20 Drilling under surface @ 3:50 a.m. Drilling @ 480' at 8:20 a.m.
 9/26/20 Drilling @ 1768' at 7:30 a.m.
 9/27/20 Drilling @ 2600' at 8:00 a.m. Will make short trip prior to drilling to Arbuckle and DST.
 9/28/20 Going back in hole after DST #1 at 12:30 p.m. Will drill to TD of 2840 then log, and possible straddle test.
 9/29/20 DST#2 (see results below) RTD 2820 Laying down drill pipe to run.
 9/30/20 On 9/29 Ran 2806.7' (67 joints) of 5.5" 17# casing. Set at 2815.7' KB. Cemented with 75 sacks 60/40 pozmix followed by 135 sacks of thickset. Displaced with 65 barrels. Good circulation throughout. Plug down at 7:45 p.m. Released C&G Drilling.

DST #1 Arbuckle 2728' - 2762'

IF: Weak blow, building to strong, BOB in 4 min. Built to 55 inches
 ISI: 1/4" blow back
 FF: Weak blow, building to strong, BOB in 4 min. Built to 196 inches
 FSI: No blowback

Rec'd: 10' GW&MCO (2% G, 53% O, 20% W, 25% M), 630' GO&MCW (6% G, 19% O, 54% W, 21% M), 625' OSVSMCW (2% O, 92% W, 6% M)

SIP: 1121-1123# FP: 43-247#, 251-580# HP: 1337-1304#

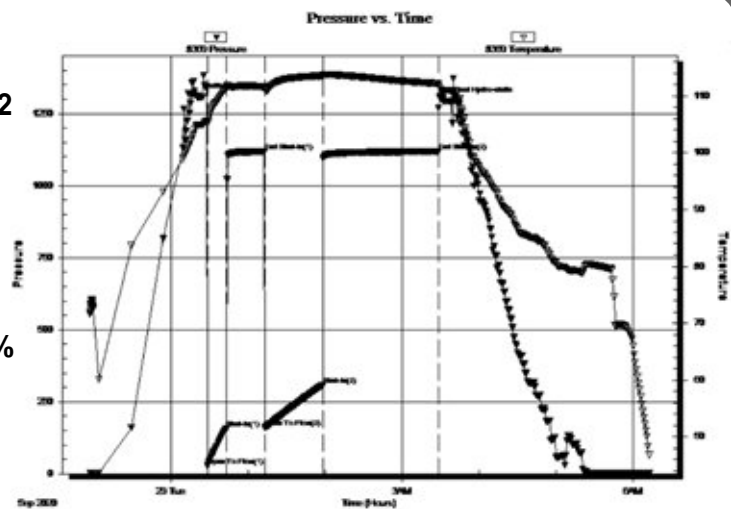


DST #2 Arbuckle 2721' - 2740'


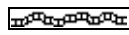
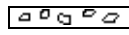

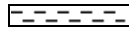



IF: Weak blow, building to strong, BOB in 8 min. Built to 22 inches
 ISI: No blow back
 FF: Weak blow, building to strong, BOB in 8 min. Built to 66 inches
 FSI: 3 inch blowback





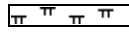

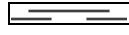
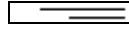
Rec'd: 40' GIP, 45' CO (100% O), 295' VSO&MCW (3% O, 76% W, 21% M), 310' TrO&SMCW (TrO, 94% W, 6% M)

SIP: 1118-1119# FP: 28-157#, 160-309# HP: 1306-1294#









ROCK TYPES

 Anhy
 Bent
 Brec
 Cht
 Clyst
 Coal
 Congl
 Dol

 Gyp
 Igne
 Lmst
 Meta
 Mrlst
 Salt
 Shale
 Shcol

 Shgy
 Slstst
 Ss
 Till
 Carb sh
 Dol
 Dtd
 Gry sh

 Sandylms
 Shale
 Slststn
 Shlyslts
 Sitysh
 Lms

ACCESSORIES

- MINERAL**
- Anhy
 - Arggrn
 - Arg
 - Bent
 - Bit
 - Breclrag
 - Calc
 - Carb
 - Chtdk
 - Chtlt
 - Dol
 - Feldspar
 - Ferrpel
 - Ferr
 - Glau
 - Gyp
 - Hvymin
 - Kaol
 - Marl
 - Minxl
 - Nodule
 - Phos
 - Pyr

- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Chlorite
- Dol
- Sand
- Slty

- FOSSIL**
- Algae
 - Amph
 - Belm
 - Bioclst
 - Brach
 - Bryozoa
 - Cephal
 - Coral
 - Crin
 - Echin
 - Fish
 - Foram

- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom
- Fuss
- Oomold

- STRINGER**
- Anhy
 - Arg
 - Bent
 - Coal
 - Dol
 - Gyp
 - Ls
 - Mrst
 - Sltstrg
 - Ssstrg
 - Carbsh

- Clystn
- Dol
- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn

- TEXTURE**
- Boundst
 - Chalky
 - Cryxln
 - Earthy
 - Finexln
 - Grainst
 - Lithogr
 - Microxln
 - Mudst
 - Packst
 - Wackest

OTHER SYMBOLS

- POROSITY TYPE**
- Earthy
 - Fenest
 - Fracture
 - Inter
 - Moldic
 - Organic
 - Pinpoint
 - Vuggy

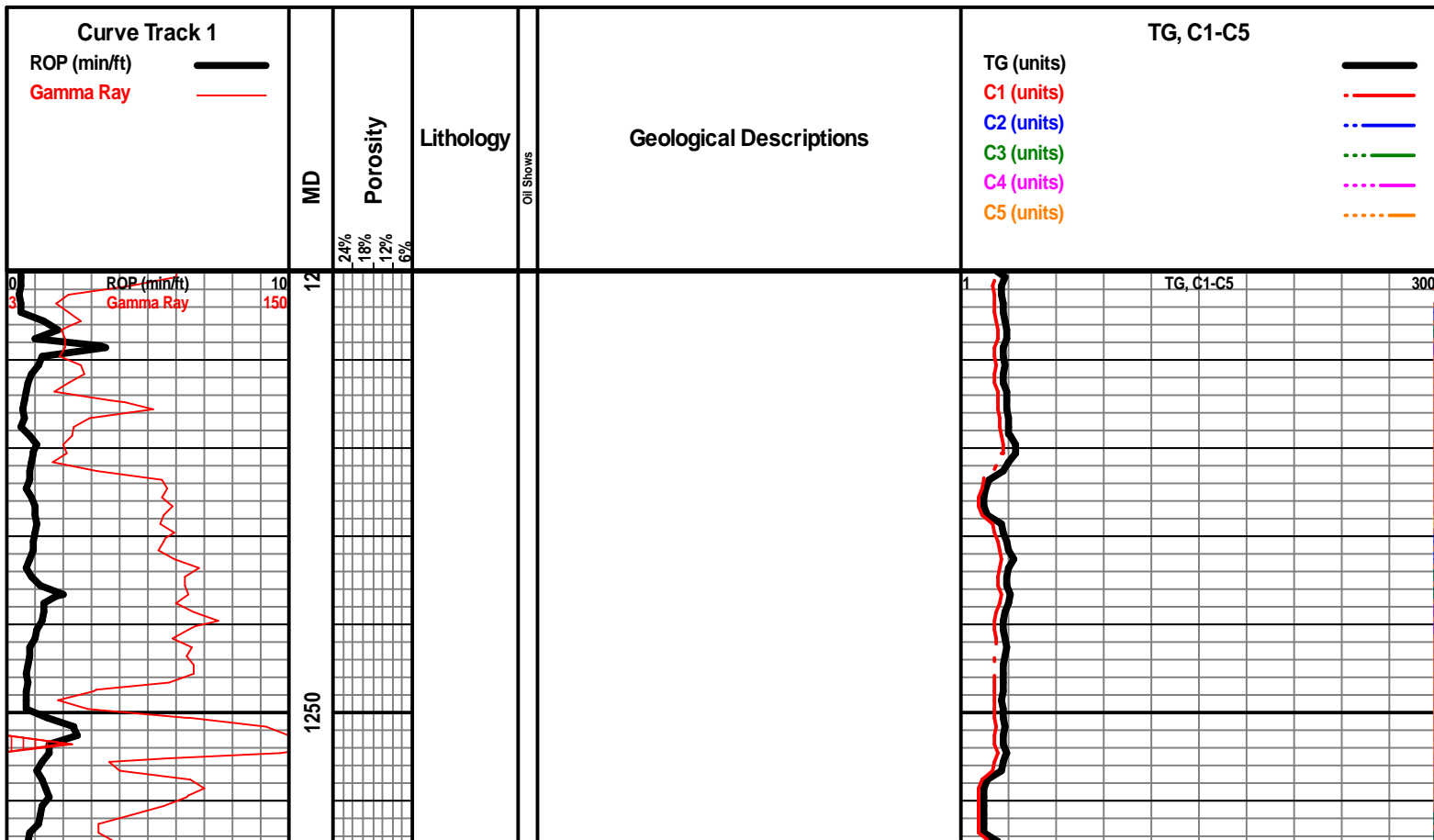
- SORTING**
- Well
 - Moderate
 - Poor

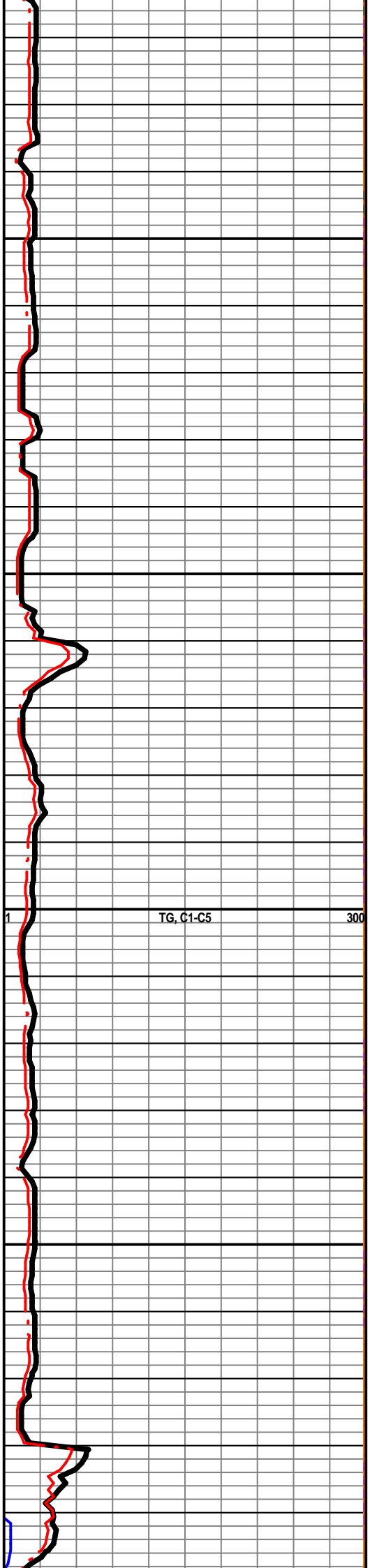
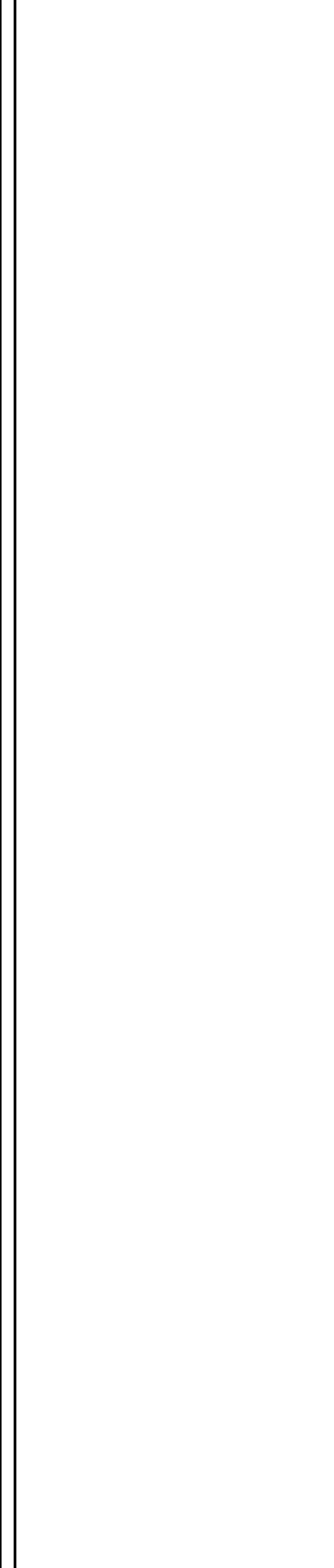
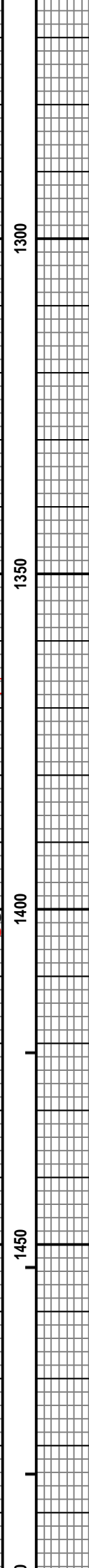
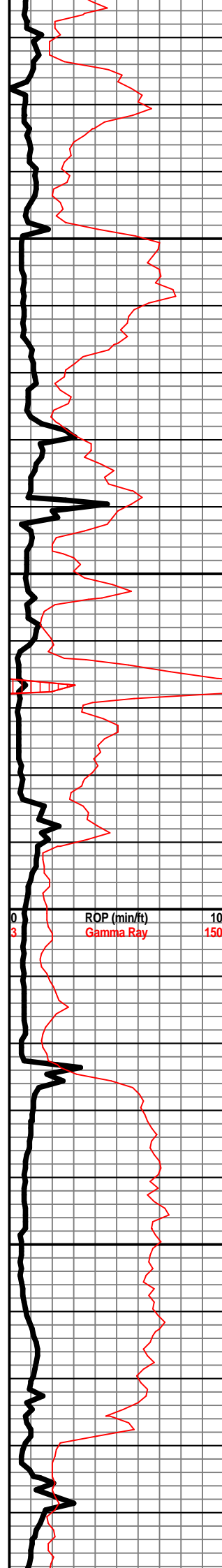
- ROUNDING**
- Rounded
 - Subrnd
 - Subang
 - Angular

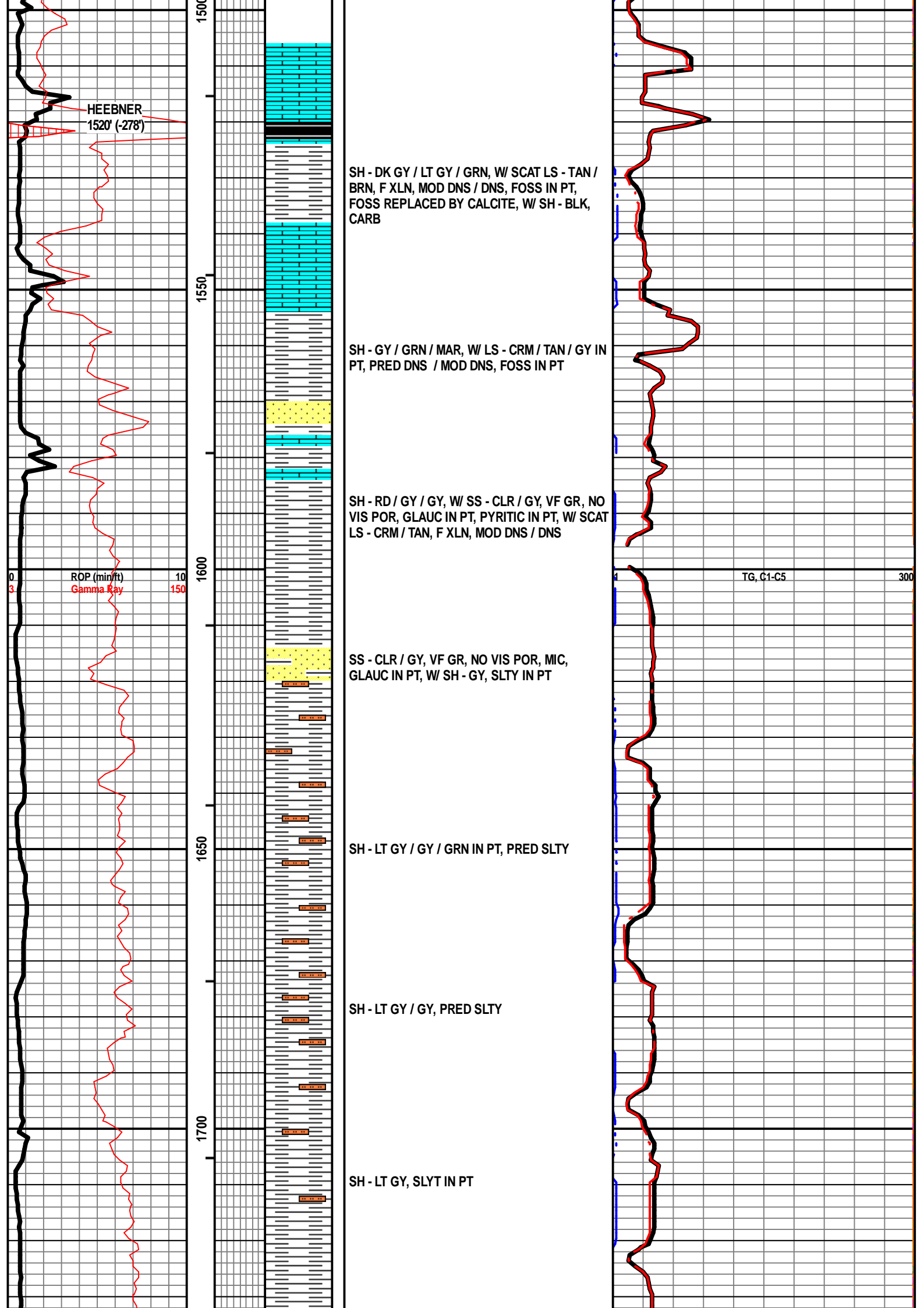
- OIL SHOWS**
- Even
 - Spotted
 - Ques
 - Dead
 - Gas show

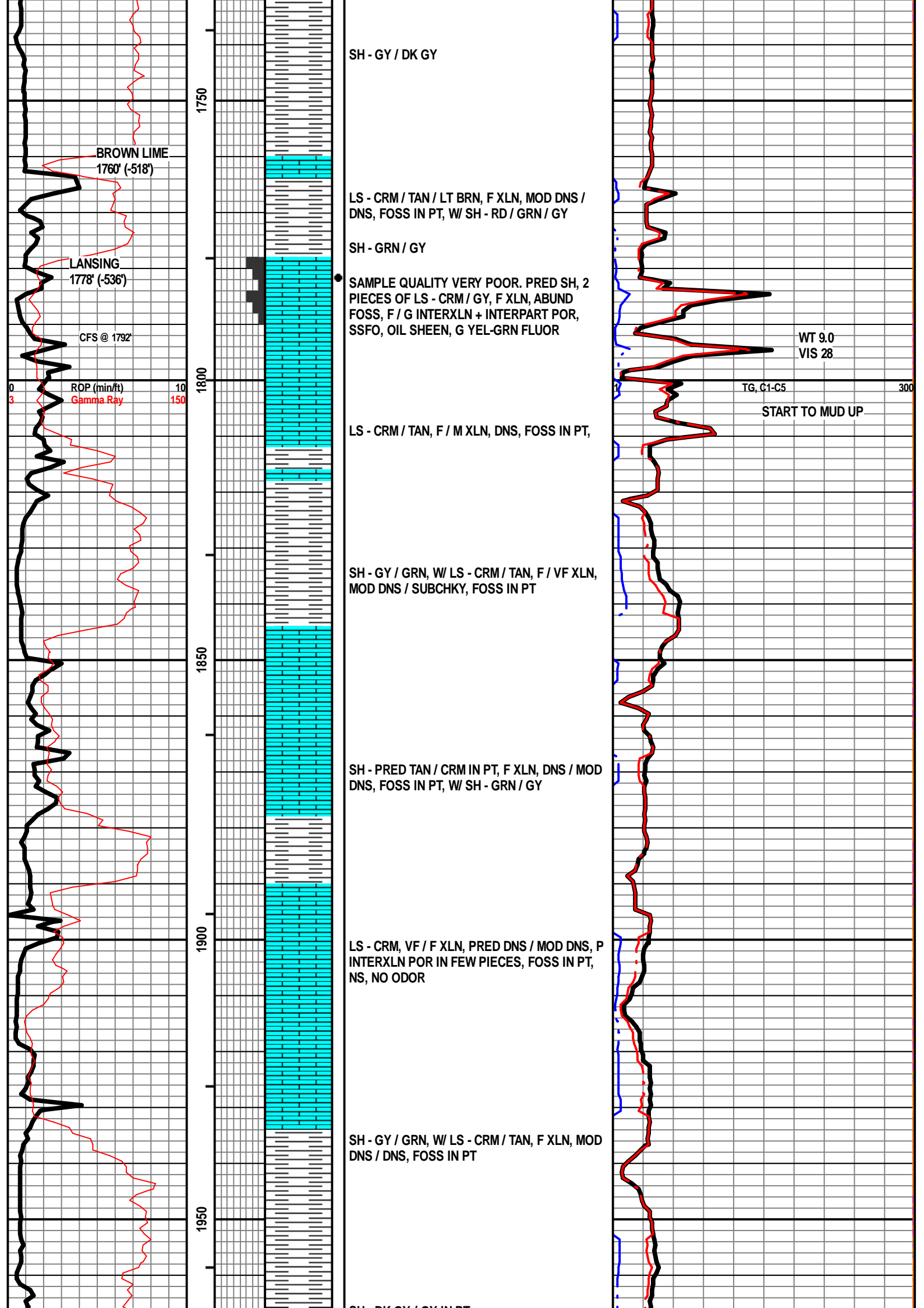
- INTERVALS**
- Core
 - Dst

- Dst
- EVENTS**
- Rft
 - Sidewall
 - Conn









1750
1800
1850
1900
1950

SH - GY / DK GY

BROWN LIME
1760' (-518')

LS - CRM / TAN / LT BRN, F XLN, MOD DNS /
DNS, FOSS IN PT, W/ SH - RD / GRN / GY

LANSING
1778' (-536')

SH - GRN / GY

SAMPLE QUALITY VERY POOR. PRED SH, 2
PIECES OF LS - CRM / GY, F XLN, ABUND
FOSS, F / G INTERXLN + INTERPART POR,
SSFO, OIL SHEEN, G YEL-GRN FLUOR

WT 9.0
VIS 28

CFS @ 1792

ROP (min/ft)
Gamma Ray

10
150

TG, C1-C5

300

START TO MUD UP

LS - CRM / TAN, F / M XLN, DNS, FOSS IN PT,

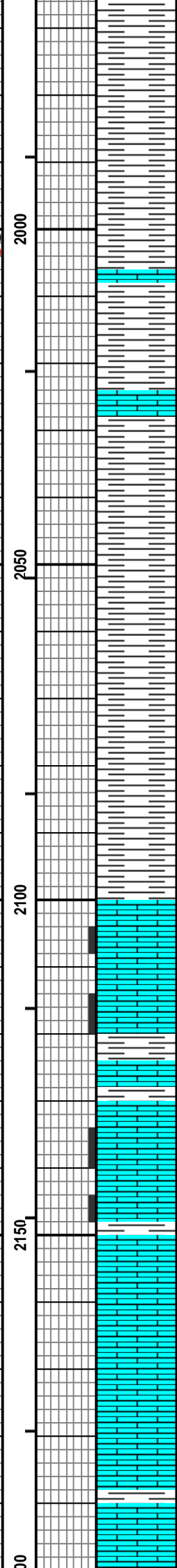
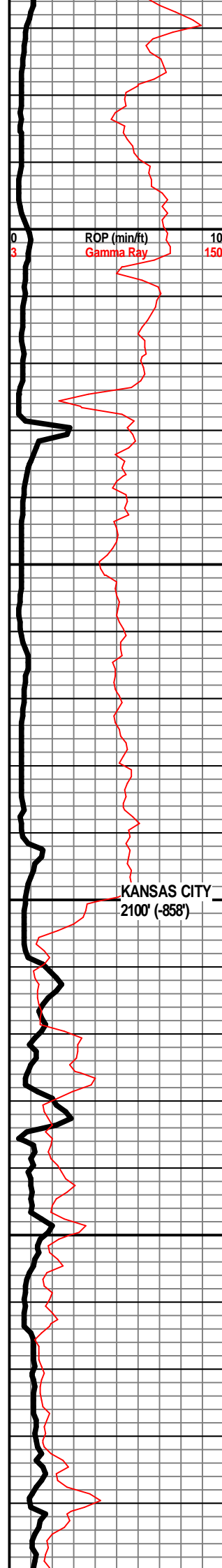
SH - GY / GRN, W/ LS - CRM / TAN, F / VF XLN,
MOD DNS / SUBCHKY, FOSS IN PT

SH - PRED TAN / CRM IN PT, F XLN, DNS / MOD
DNS, FOSS IN PT, W/ SH - GRN / GY

LS - CRM, VF / F XLN, PRED DNS / MOD DNS, P
INTERXLN POR IN FEW PIECES, FOSS IN PT,
NS, NO ODOR

SH - GY / GRN, W/ LS - CRM / TAN, F XLN, MOD
DNS / DNS, FOSS IN PT

SH - DK GY / GRN IN PT



SH - DK GY / GY / GRN IN PT

SH - DK GY / GY, W/ SCAT LS - GY / TAN, F / M XLN, DNS

SH - DK GY / GY, W/ SCAT LS - GY, F XLN, FOSS

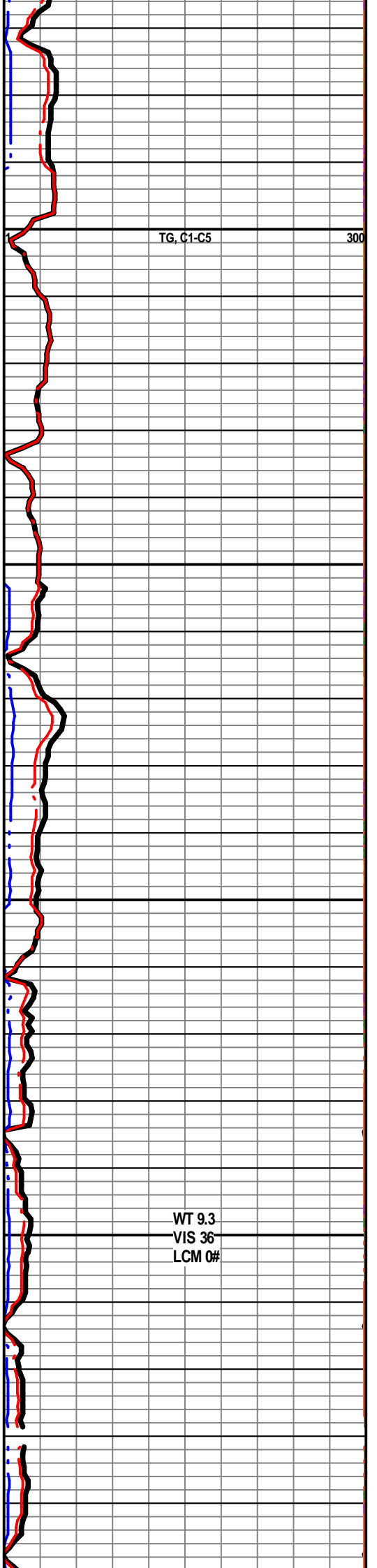
SH - GY / LT GY

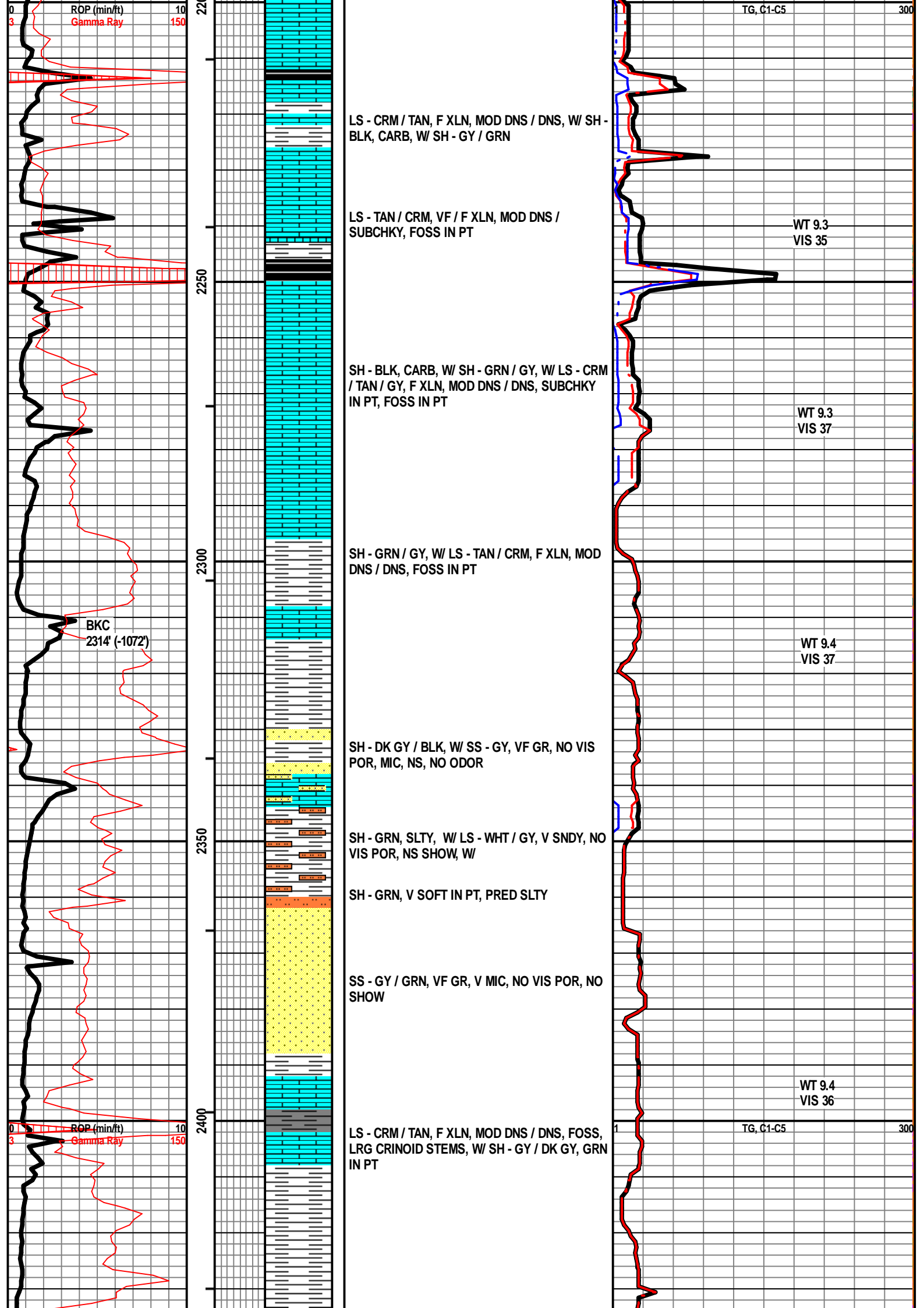
LS - WHT / CRM, VF / F XLN, MOD DNS / DNS, FOSS IN PT, P INTERXLN POR IN PT, NS, NO ODOR

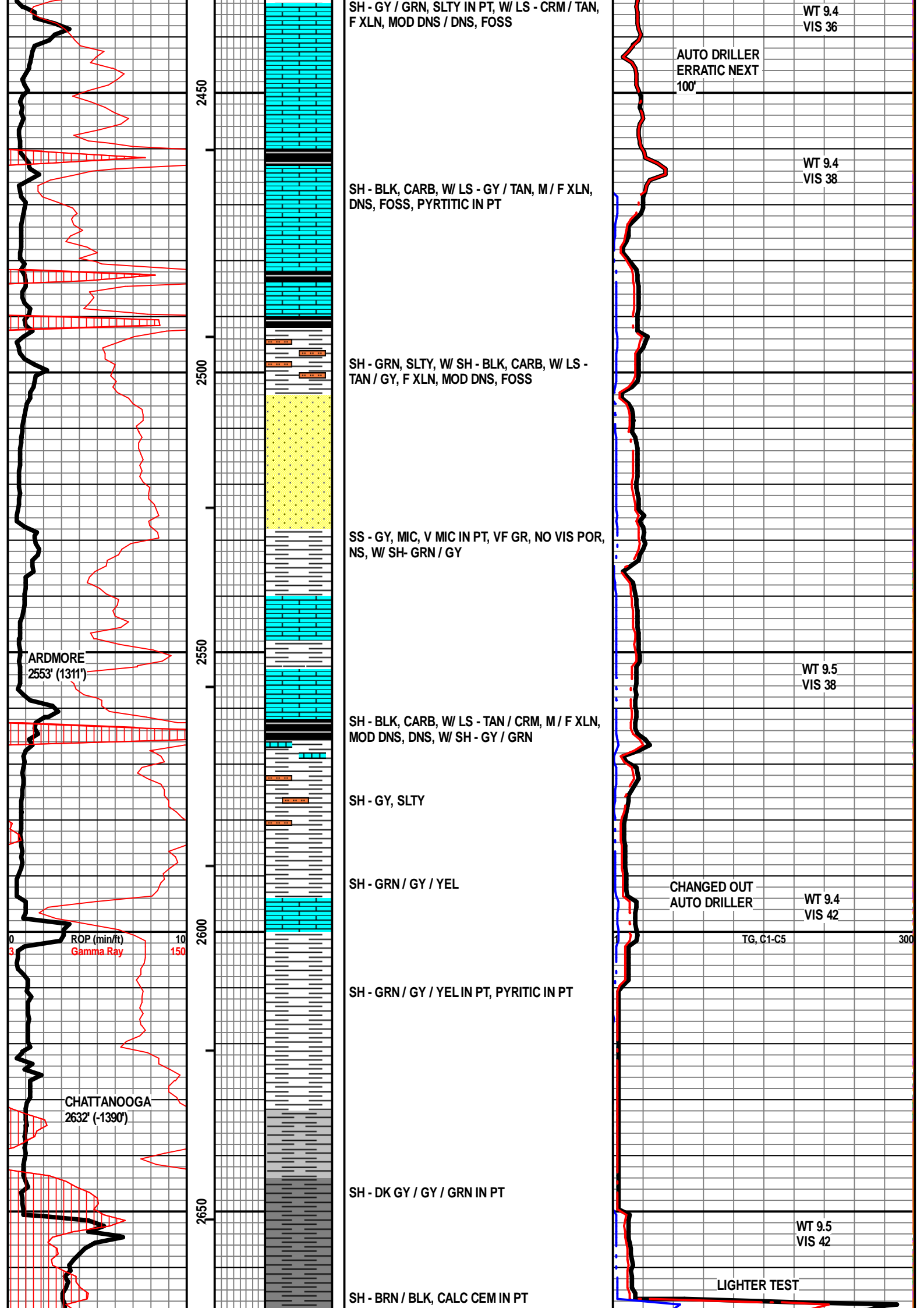
LS - CRM / TAN, VF / F XLN, MOD DNS / DNS, FOSS IN PT, P INTERXLN POR IN PT, NS, NO ODOR

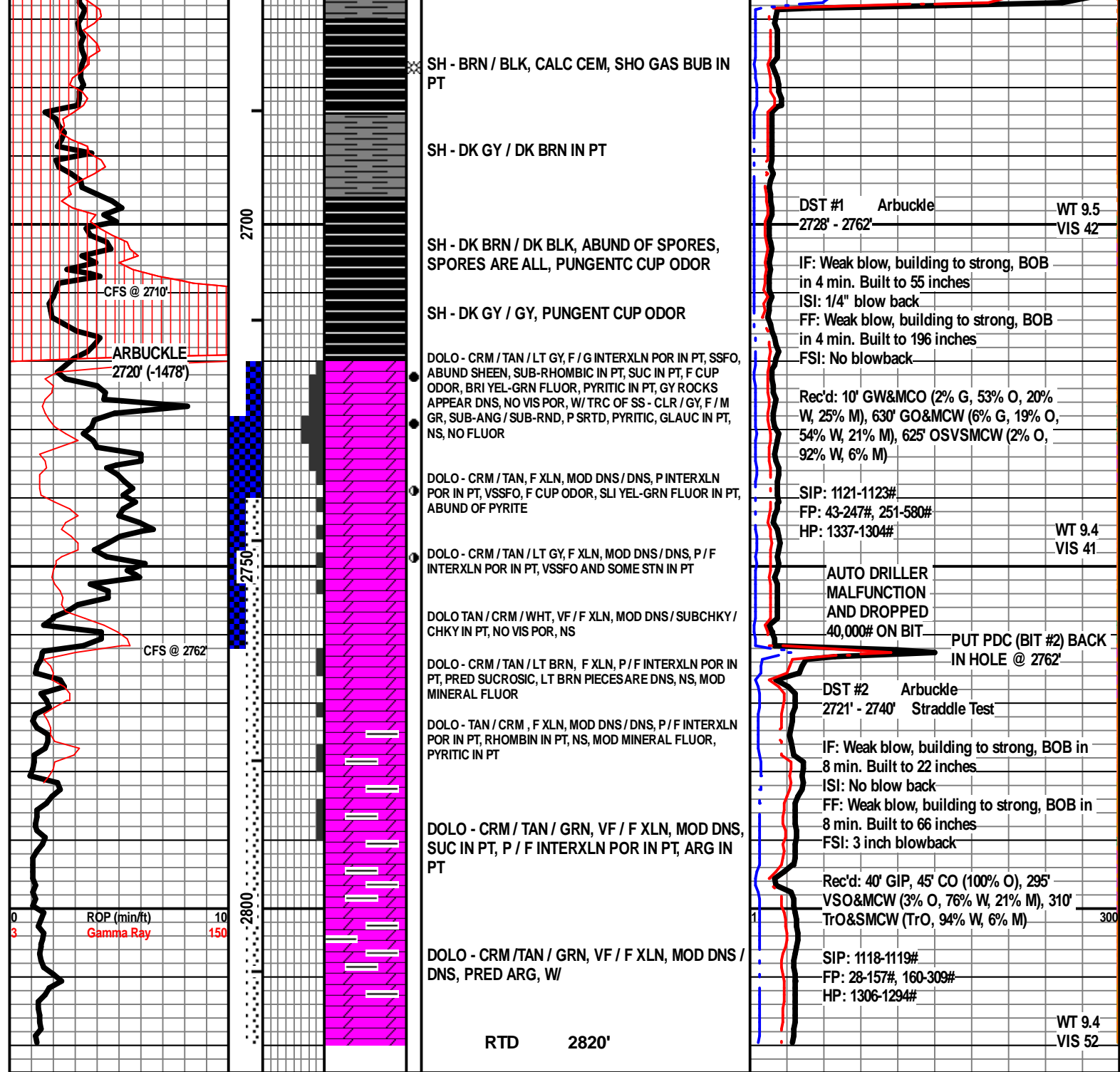
LS - CRM / TAN, VF XLN, MOD DNS / SUBCHKY, FOSS, STYLITIZED IN PT

LS - CRM / TAN / LT BRN IN PT, F XLN, MOD DNS / DNS, FOSS









SH - BRN / BLK, CALC CEM, SHO GAS BUB IN PT

SH - DK GY / DK BRN IN PT

SH - DK BRN / DK BLK, ABUND OF SPORES, SPORES ARE ALL, PUNGENT CUP ODOR

SH - DK GY / GY, PUNGENT CUP ODOR

DOLO - CRM / TAN / LT GY, F / G INTERXLN POR IN PT, SSFO, ABUND SHEEN, SUB-RHOMBIC IN PT, SUC IN PT, F CUP ODOR, BRI YEL-GRN FLUOR, PYRITIC IN PT, GY ROCKS APPEAR DNS, NO VIS POR, W/ TRC OF SS - CLR / GY, F / M GR, SUB-ANG / SUB-RND, P SRTD, PYRITIC, GLAUC IN PT, NS, NO FLUOR

DOLO - CRM / TAN, F XLN, MOD DNS / DNS, P INTERXLN POR IN PT, VSSFO, F CUP ODOR, SLI YEL-GRN FLUOR IN PT, ABUND OF PYRITE

DOLO - CRM / TAN / LT GY, F XLN, MOD DNS / DNS, P / F INTERXLN POR IN PT, VSSFO AND SOME STN IN PT

DOLO TAN / CRM / WHT, VF / F XLN, MOD DNS / SUBCHKY / CHKY IN PT, NO VIS POR, NS

DOLO - CRM / TAN / LT BRN, F XLN, P / F INTERXLN POR IN PT, PRED SUCROSIC, LT BRN PIECES ARE DNS, NS, MOD MINERAL FLUOR

DOLO - TAN / CRM, F XLN, MOD DNS / DNS, P / F INTERXLN POR IN PT, RHOMBIN IN PT, NS, MOD MINERAL FLUOR, PYRITIC IN PT

DOLO - CRM / TAN / GRN, VF / F XLN, MOD DNS, SUC IN PT, P / F INTERXLN POR IN PT, ARG IN PT

DOLO - CRM / TAN / GRN, VF / F XLN, MOD DNS / DNS, PRED ARG, W/

RTD 2820'

DST #1 Arbuckle
2728' - 2762' WT 9.5
VIS 42

IF: Weak blow, building to strong, BOB in 4 min. Built to 55 inches

ISI: 1/4" blow back

FF: Weak blow, building to strong, BOB in 4 min. Built to 196 inches

FSI: No blowback

Rec'd: 10' GW&MCO (2% G, 53% O, 20% W, 25% M), 630' GO&MCW (6% G, 19% O, 54% W, 21% M), 625' OSVSMCW (2% O, 92% W, 6% M)

SIP: 1121-1123#
FP: 43-247#, 251-580#
HP: 1337-1304#

WT 9.4
VIS 41

AUTO DRILLER MALFUNCTION AND DROPPED 40,000# ON BIT

PUT PDC (BIT #2) BACK IN HOLE @ 2762'

DST #2 Arbuckle
2721' - 2740' Straddle Test

IF: Weak blow, building to strong, BOB in 8 min. Built to 22 inches

ISI: No blow back

FF: Weak blow, building to strong, BOB in 8 min. Built to 66 inches

FSI: 3 inch blowback

Rec'd: 40' GIP, 45' CO (100% O), 295' VSO&MCW (3% O, 76% W, 21% M), 310' TrO&SMCW (TrO, 94% W, 6% M)

SIP: 1118-1119#
FP: 28-157#, 160-309#
HP: 1306-1294#

WT 9.4
VIS 52

ROP (min/ft)
Gamma Ray

10
150

2800

2700

2750

2762

CFS @ 2710'

ARBUCKLE
2720' (-1478')

CFS @ 2762'

0
3

10
150

2800

2700

2750

2762

CFS @ 2710'

ARBUCKLE
2720' (-1478')

CFS @ 2762'

0
3

10
150

2800

2700

2750

2762

CFS @ 2710'

ARBUCKLE
2720' (-1478')

CFS @ 2762'



DRILL STEM TEST REPORT

Prepared For: **Stewart Producers, Inc.**

PO Box 546
Mount Vernon, IL 62864

ATTN: Aaron Young

Bannon Trust #2

26-28S-4E Butler,KS

Start Date: 2020.09.28 @ 02:27:00

End Date: 2020.09.28 @ 11:24:49

Job Ticket #: 66606 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2020.09.30 @ 14:59:56



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Stewart Producers, Inc.
 PO Box 546
 Mount Vernon, IL 62864
 ATTN: Aaron Young

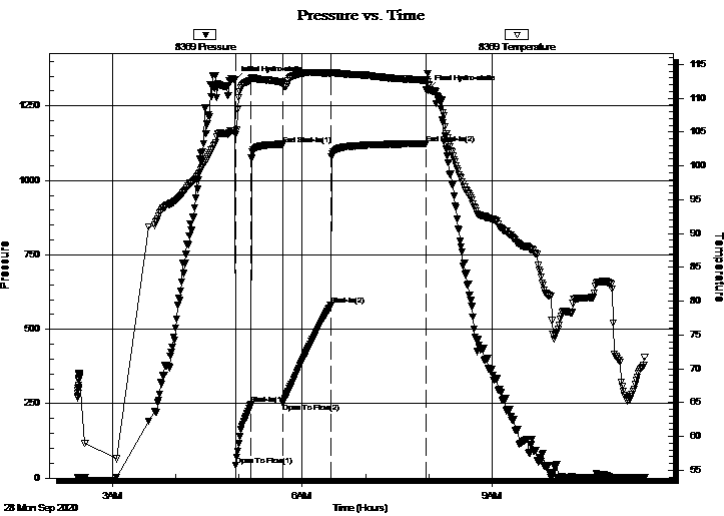
26-28S-4E Butler, KS
Bannon Trust #2
 Job Ticket: 66606 **DST#: 1**
 Test Start: 2020.09.28 @ 02:27:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:56:50
 Time Test Ended: 11:24:49
 Interval: **2728.00 ft (KB) To 2762.00 ft (KB) (TVD)**
 Total Depth: 2762.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jimmy Ricketts
 Unit No: 80
 Reference Elevations: 1242.00 ft (KB)
 1234.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8369 Outside
 Press@RunDepth: 579.96 psig @ 2729.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2020.09.28 End Date: 2020.09.28 Last Calib.: 2020.09.28
 Start Time: 02:27:01 End Time: 11:24:49 Time On Btm: 2020.09.28 @ 04:55:40
 Time Off Btm: 2020.09.28 @ 07:59:39

TEST COMMENT: IF - Weak blow building to strong blow 4 minutes built to 55"
 IS - 1/4" blow back
 FF - Weak blow building to strong blow 4 minutes built to 196"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1336.93	105.15	Initial Hydro-static
2	43.36	104.62	Open To Flow (1)
16	247.34	112.59	Shut-In(1)
46	1121.36	112.34	End Shut-In(1)
47	251.42	112.03	Open To Flow (2)
92	579.96	113.71	Shut-In(2)
182	1123.23	112.62	End Shut-In(2)
184	1303.58	112.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
625.00	OSV/SMCW 2%O 92%W 6%M	5.96
630.00	GO&MCW 6%G 19%O 54%W 21%M	8.84
10.00	GW&MCO 2%G 53%O 20%W 25%M	0.14

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Stewart Producers, Inc.

26-28S-4E Butler, KS

PO Box 546
Mount Vernon, IL 62864

Bannon Trust #2

Job Ticket: 66606

DST#: 1

ATTN: Aaron Young

Test Start: 2020.09.28 @ 02:27:00

Tool Information

Drill Pipe:	Length: 2396.00 ft	Diameter: 3.80 inches	Volume: 33.61 bbl	Tool Weight: 2300.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 308.00 ft	Diameter: 2.25 inches	Volume: 1.51 bbl	Weight to Pull Loose: 81000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	2728.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	67.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			2696.00	
Shut In Tool	5.00			2701.00	
Hydraulic tool	5.00			2706.00	
EMT	5.00			2711.00	
Jars	5.00			2716.00	
Safety Joint	3.00			2719.00	
Packer	5.00			2724.00	33.00 Bottom Of Top Packer
Packer	4.00			2728.00	
Stubb	1.00			2729.00	
Recorder	0.00	8369	Outside	2729.00	
Recorder	0.00	8846	Inside	2729.00	
Perforations	30.00			2759.00	
Bullnose	3.00			2762.00	34.00 Bottom Packers & Anchor

Total Tool Length: 67.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stewart Producers, Inc.

26-28S-4E Butler, KS

PO Box 546
Mount Vernon, IL 62864

Bannon Trust #2

Job Ticket: 66606

DST#: 1

ATTN: Aaron Young

Test Start: 2020.09.28 @ 02:27:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

9000 ppm

Viscosity: 42.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
625.00	OSVSMCW 2%O 92%W 6%M	5.961
630.00	GO&MCW 6%G 19%O 54%W 21%M	8.837
10.00	GW&MCO 2%G 53%O 20%W 25%M	0.140

Total Length: 1265.00 ft Total Volume: 14.938 bbl

Num Fluid Samples: 0

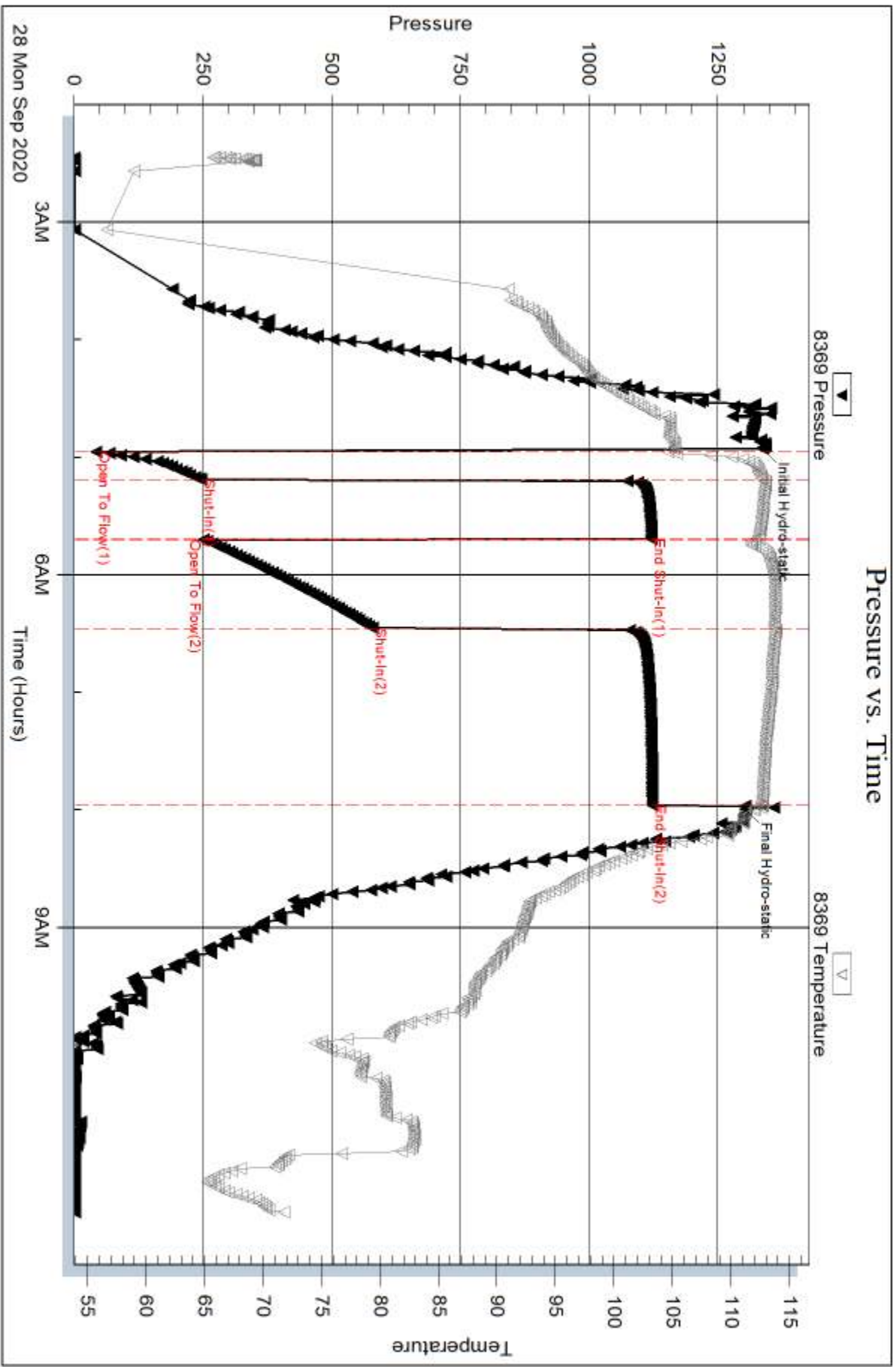
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



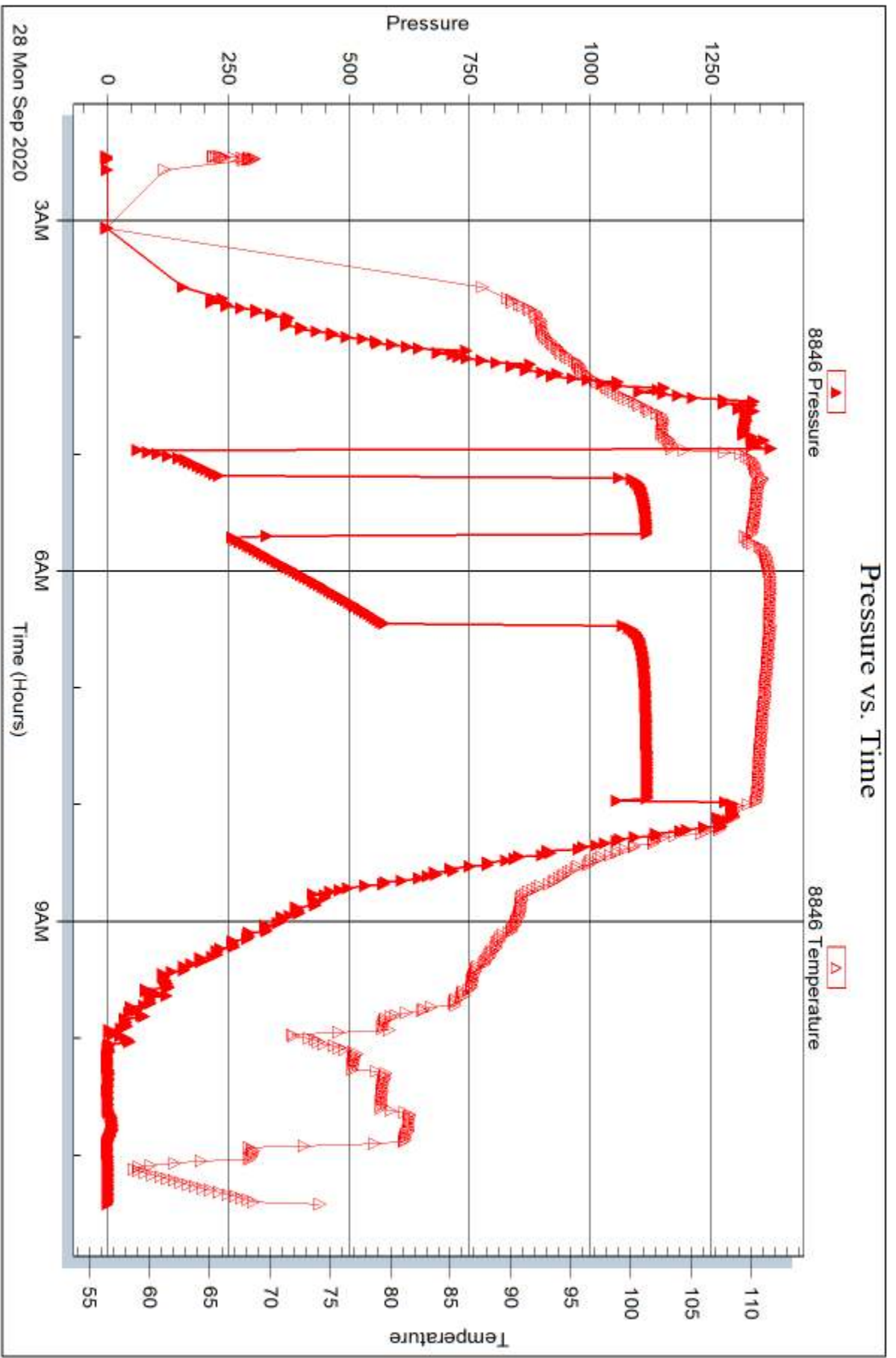
Serial #: 8846

Inside

Stewart Producers, Inc.

Bannon Trust #2

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 66606

Printed: 2020.09.30 @ 14:59:56



DRILL STEM TEST REPORT

Prepared For: **Stewart Producers, Inc.**

PO Box 546
Mount Vernon, IL 62864

ATTN: Aaron Young

Bannon Trust #2

26-28S-4E Butler,KS

Start Date: 2020.09.28 @ 22:57:00

End Date: 2020.09.29 @ 06:13:00

Job Ticket #: 66607 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2020.09.30 @ 14:49:42

Stewart Producers, Inc. 26-28S-4E Butler,KS Bannon Trust #2 DST # 2 Arbuckle 2020.09.28



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Stewart Producers, Inc.
 PO Box 546
 Mount Vernon, IL 62864
 ATTN: Aaron Young

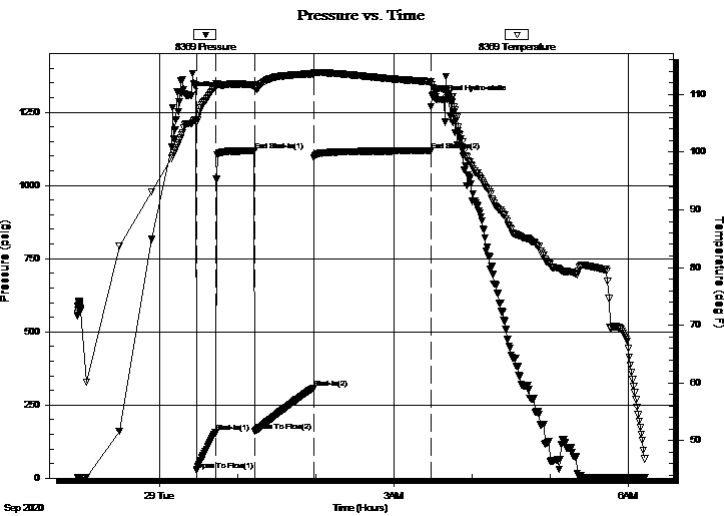
26-28S-4E Butler, KS
Bannon Trust #2
 Job Ticket: 66607 **DST#: 2**
 Test Start: 2020.09.28 @ 22:57:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:28:20
 Time Test Ended: 06:13:00
 Interval: **2721.00 ft (KB) To 2740.00 ft (KB) (TVD)**
 Total Depth: 2820.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Initial)
 Tester: Jimmy Ricketts
 Unit No: 80
 Reference Elevations: 1242.00 ft (KB)
 1234.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8369 Outside
 Press@RunDepth: 308.54 psig @ 2722.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2020.09.28 End Date: 2020.09.29 Last Calib.: 2020.09.28
 Start Time: 22:57:01 End Time: 06:13:00 Time On Btm: 2020.09.29 @ 00:23:40
 Time Off Btm: 2020.09.29 @ 03:35:00

TEST COMMENT: IF - Weak blow building to strong blow 8 minutes built to 22"
 FF - Weak blow building to strong blow 8 minutes built to 66"
 FS- 3" blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1306.37	104.94	Initial Hydro-static
5	27.78	105.21	Open To Flow (1)
20	156.83	111.39	Shut-In(1)
50	1118.43	111.60	End Shut-In(1)
50	159.89	111.28	Open To Flow (2)
95	308.54	113.53	Shut-In(2)
185	1118.70	112.20	End Shut-In(2)
192	1293.75	110.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	TrO&SMCW TrO 94% W 6%M	1.54
295.00	VSO&MCW 3%O 76%W 21%M	4.14
45.00	CO 100%O	0.63
0.00	40' GIP 100%G	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Stewart Producers, Inc.

26-28S-4E Butler, KS

PO Box 546
Mount Vernon, IL 62864

Bannon Trust #2

Job Ticket: 66607

DST#: 2

ATTN: Aaron Young

Test Start: 2020.09.28 @ 22:57:00

Tool Information

Drill Pipe:	Length: 2397.00 ft	Diameter: 3.80 inches	Volume: 33.62 bbl	Tool Weight: 2600.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 308.00 ft	Diameter: 2.25 inches	Volume: 1.51 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	2721.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	2740.00 ft			
Interval between Packers:	19.00 ft			
Tool Length:	131.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			2690.00	
Shut In Tool	5.00			2695.00	
Hydraulic tool	5.00			2700.00	
EMT	4.00			2704.00	
Jars	5.00			2709.00	
Safety Joint	3.00			2712.00	
Packer	5.00			2717.00	32.00 Bottom Of Top Packer
Packer	4.00			2721.00	
Stubb	1.00			2722.00	
Recorder	0.00	8369	Outside	2722.00	
Recorder	0.00	8846	Inside	2722.00	
Perforations	13.00			2735.00	
Stubb	4.00			2739.00	
Blank Off Sub	1.00			2740.00	19.00 Tool Interval
Packer	0.00			2740.00	
Stubb	1.00			2741.00	
Recorder	0.00	8679	Below	2741.00	
Perforations	9.00			2750.00	
Change Over Sub	1.00			2751.00	
Blank Spacing	63.00			2814.00	
Change Over Sub	1.00			2815.00	
Bullnose	5.00			2820.00	80.00 Bottom Packers & Anchor

Total Tool Length: 131.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stewart Producers, Inc.

26-28S-4E Butler, KS

PO Box 546
Mount Vernon, IL 62864

Bannon Trust #2

Job Ticket: 66607

DST#: 2

ATTN: Aaron Young

Test Start: 2020.09.28 @ 22:57:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

27.2 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

13000 ppm

Viscosity: 41.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
310.00	TrO&SMCW TrO 94%W 6%M	1.543
295.00	VSO&MCW 3%O 76%W 21%M	4.138
45.00	CO 100%O	0.631
0.00	40' GIP 100%G	0.000

Total Length: 650.00 ft

Total Volume: 6.312 bbl

Num Fluid Samples: 0

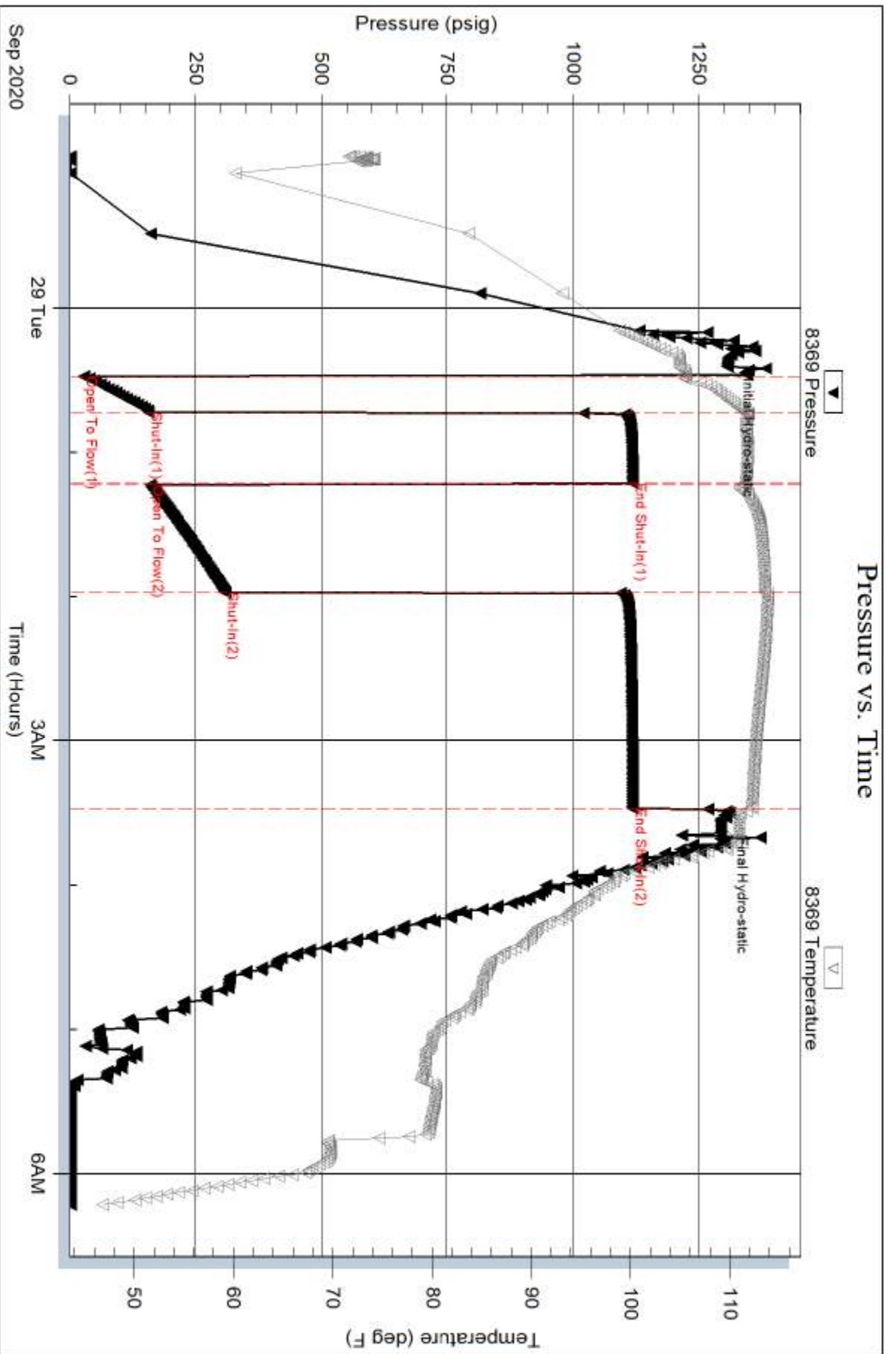
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



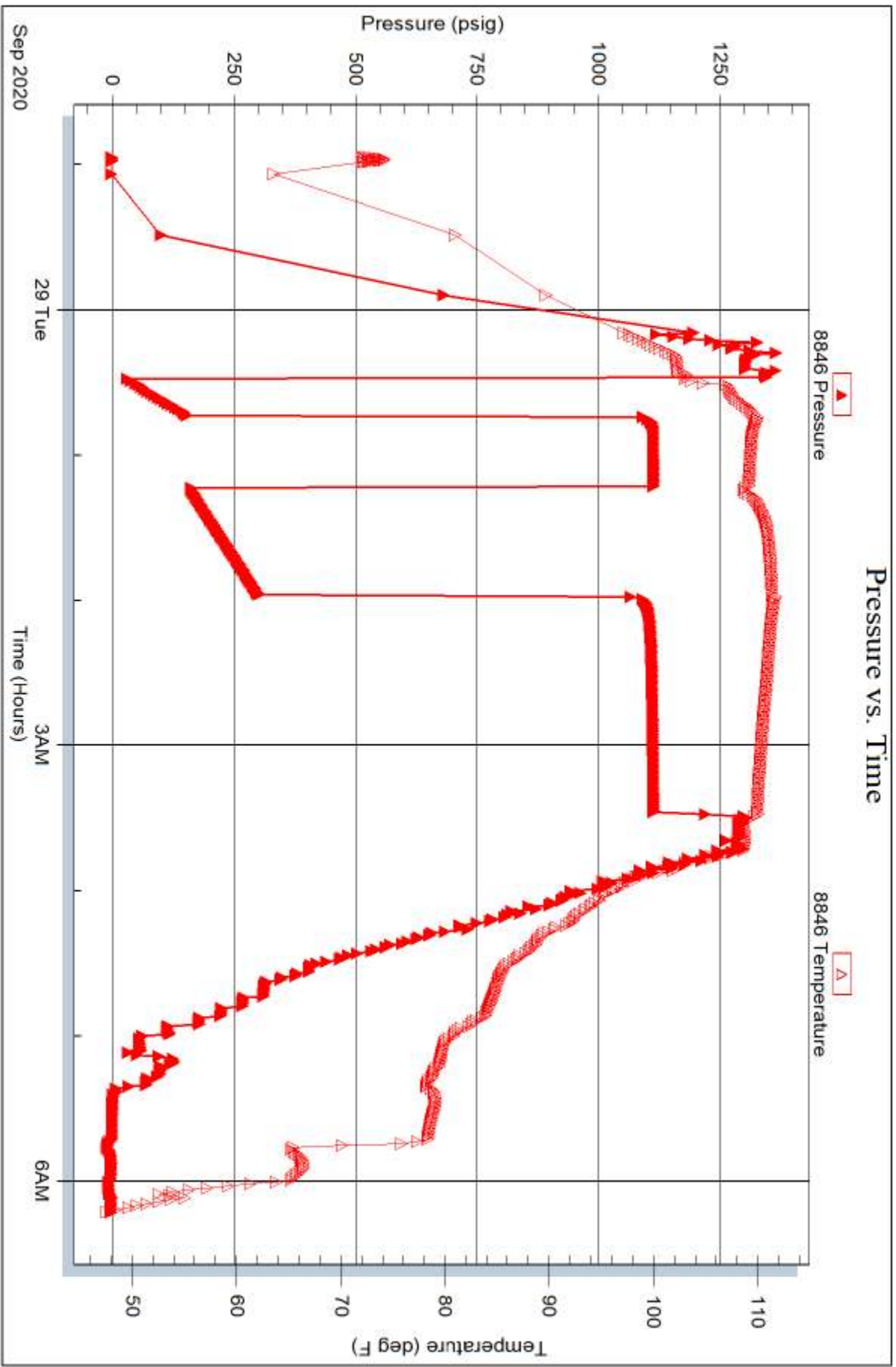
Serial #: 8846

Inside

Stewart Producers, Inc.

Bannon Trust #2

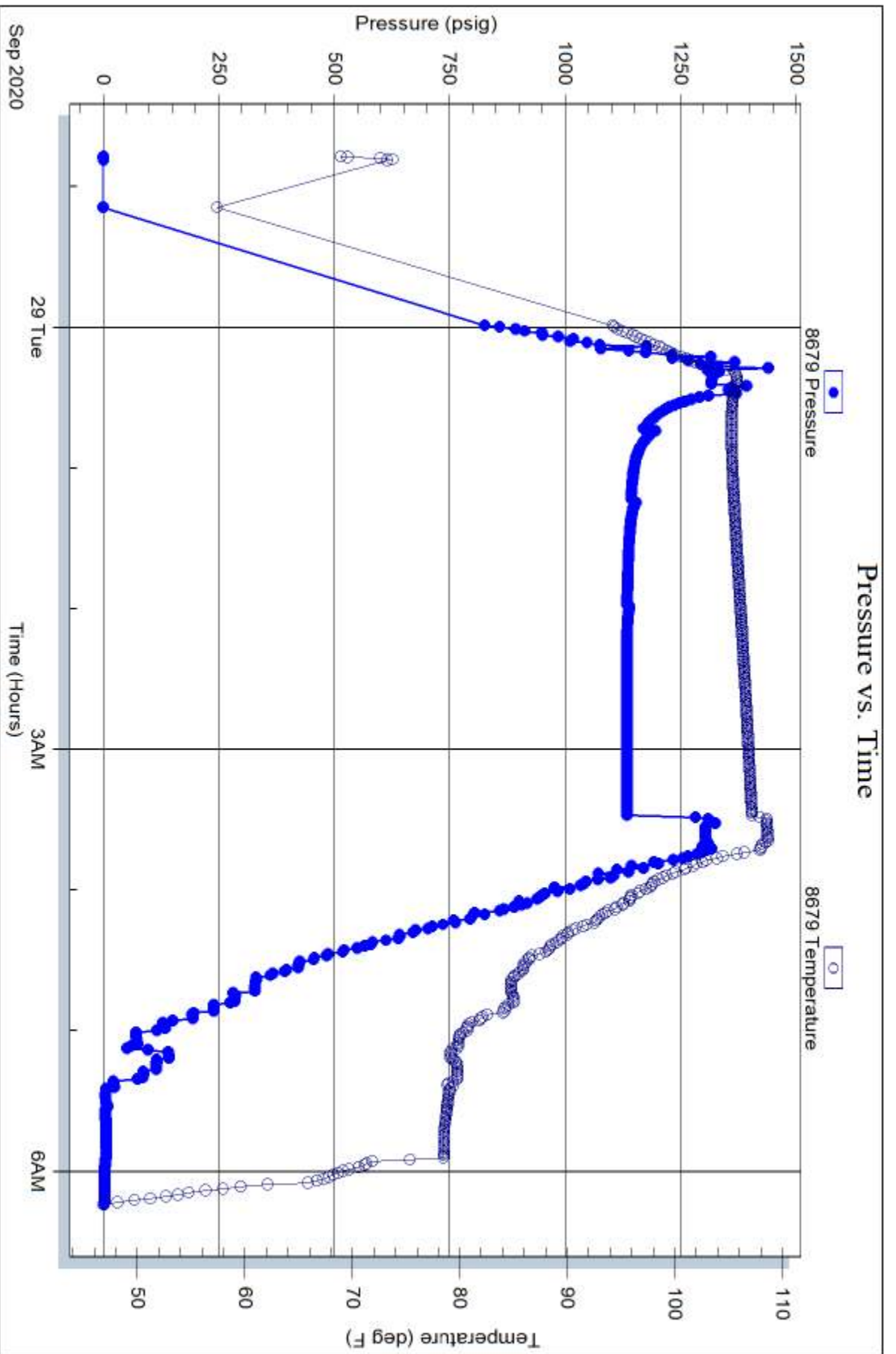
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 66607

Printed: 2020.09.30 @ 14:51:39





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 66606

NO.

Well Name & No. Bannon Trust #2 Test No. 1 Date 9-28-20
 Company Stewart Producers, Inc. Elevation 1242 KB 1234 GL
 Address P.O. Box 546 Mount Vernon, FL 62864
 Co. Rep / Geo. Aaron Young Rig C+G Drilling #2
 Location: Sec. 26 Twp 28 S Rge. 4 E Co. Butler State KS

Interval Tested 2728 - 2762 Zone Tested Arbuckle
 Anchor Length 34' Drill Pipe Run ~~2396~~ 2396 Mud Wt. 9.4
 Top Packer Depth 2723 Drill Collars Run 308 Vls 42
 Bottom Packer Depth 2728 Wt. Pipe Run 0 WL 8.0
 Total Depth 2762 Chlorides 900 ppm System LCM

Blow Description IF - weak blow building to strong blow 4 mins into EFP
Continuing to build to 55 inches. 1/4 inch blow back during ESP.
EF - weak blow building to strong blow 4 mins into EFP
Continuing to build to 196 inches

Rec	Feet of	%gas	%oil	%water	%mud
<u>625</u>	<u>OSVSM CW</u>	<u>0</u>	<u>2</u>	<u>92</u>	<u>6</u>
<u>630</u>	<u>60+M CW</u>	<u>6</u>	<u>19</u>	<u>54</u>	<u>21</u>
<u>10</u>	<u>6wtmco</u>	<u>2</u>	<u>53</u>	<u>20</u>	<u>25</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1265 BHT _____ Gravity _____ API RW 0.62 @ 76 °F Chlorides 9000 ppm
 (A) Initial Hydrostatic 1337 Test 1200 T-On Location 0110
 (B) First Initial Flow 43 Jars 250 T-Started 0227
 (C) First Final Flow 247 Safety Joint 75 T-Open 0457
 (D) Initial Shut-In 1121 Circ Sub _____ T-Pulled 0757
 (E) Second Initial Flow 251 Hourly Standby _____ T-Out 01130
 (F) Second Final Flow 280 Mileage 64 RT 64 Comments _____
 (G) Final Shut-In 1123 EMT Sampler _____
 (H) Final Hydrostatic 1304 Straddle _____ EM Tool 350
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1839
 Sub Total 1839 MP/DST Disc 1

Initial Open 15
 Initial Shut-In 30
 Final Flow 45
 Final Shut-In 90

Our Representative Jimmy Pickett



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket **66607**

NO.

Well Name & No. Bannon Trust #2 Test No. 2 Date 9-2-20
 Company Stewart Producers, Inc. Elevation 1242 KB 1234 GL
 Address P.O. Box 546 Mount Vernon, IL 62864
 Co. Rep / Geo. Aaron Young Rig C+G Drilling #2
 Location: Sec. 26 Twp 28 S Rge. 4 E Co. Butler State Ks.

Interval Tested 2724 - 2740 Zone Tested Arbuckle
 Anchor Length 19 Drill Pipe Run 2397 Mud Wt. 9.4
 Top Packer Depth 2716 Drill Collars Run 308 Vls 41
 Bottom Packer Depth 2721 Wt. Pipe Run 0 WL 7.6
 Total Depth 2820 Chlorides 800 ppm System LCM

Blow Description IF- Weak blow building to strong blow 8 mins into FFP
Continuing to Build to 22 inches

IF- Weak blow building to strong blow 8 mins into FFP. Continuing
to build to 66 inches, 3 inch Blow back during FSP

Rec	Feet of	%gas	%oil	%water	%mud
<u>310</u>	<u>TRDSMCW</u>	<u>TR</u>	<u>94</u>	<u>6</u>	
<u>295</u>	<u>VSOTMCW</u>	<u>3</u>	<u>76</u>	<u>21</u>	
<u>45</u>	<u>CO</u>	<u>100</u>			
<u>40</u>	<u>GFP</u>	<u>100</u>			

Rec Total 650 BHT 113 Gravity 27.2 API RW 0.874 @ 41.5 F Chlorides 13000 ppm

- (A) Initial Hydrostatic 1306 Test 1200 T-On Location 2200
- (B) First Initial Flow 28 Jars 250 T-Started 2257 + 2247A
- (C) First Final Flow 157 Safety Joint 75 T-Open 0028
- (D) Initial Shut-In 1118 Circ Sub _____ T-Pulled 0328
- (E) Second Initial Flow 160 Hourly Standby _____ T-Out 0600
- (F) Second Final Flow 309 Mileage 64 RT 64 Comments _____
- (G) Final Shut-In 1119 Sampler _____
- (H) Final Hydrostatic 1294 Straddle 600 EM Tool _____

Initial Open 15
 Initial Shut-In 30
 Final Flow 45
 Final Shut-In 90

- Shale Packer _____
- Extra Packer _____
- Extra Recorder _____
- Day Standby _____
- Accessibility _____
- Sub Total 2189
- Ruined Shale Packer _____
- Ruined Packer _____
- Extra Copies _____
- Sub Total 0
- Total 2189

Approved By _____ Our Representative James P. [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report
 Ticket No. **5228**
 Foreman Kevin McCoy
 Camp EUREKA

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
9-24-20	1264	BANNON TRUST # 2	26	28S	4E	Butler	Ks	
Customer <u>Stewart Producers Inc.</u>			Safety Meeting <u>KM AM JV</u>		Unit #	Driver	Unit #	Driver
Mailing Address <u>P.O. Box 546</u>					<u>104</u>	<u>ALAN M.</u>		
City <u>Mt. Vernon</u>			State <u>IL</u>		<u>110</u>	<u>Josh V.</u>		
Zip Code <u>62864</u>								

Job Type SURFACE Hole Depth 227' KB Slurry Vol. 30 BBL Tubing _____
 Casing Depth 207' G.L. Hole Size 12 1/4" Slurry Wt. 15* Drill Pipe _____
 Casing Size & Wt. 8 5/8 23* Cement Left in Casing 15' +/- Water Gal/SK 6.5 Other _____
 Displacement 12.7 BBL Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: SAFETY Meeting: Rig up to 8 5/8" casing. BREAK CIRCULATION w/ 5 BBL FRESH WATER. MIXED 125 SKS CLASS "A" CEMENT w/ 3% CaCl2, 2% Gel, 1/4" FIOSEAL /SK @ 15#/9AL = 30 BBL SLURRY. Displace w/ 12.7 BBL FRESH WATER. Shut casing in. Good Cement Returns to SURFACE = 10 BBL Slurry to Pit. Job Complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 101	1	Pump Charge	890.00	890.00
C 107	25	Mileage	4.20	105.00
C 200	125 SKS	CLASS "A" Cement	15.75	1968.75
C 205	350 *	CaCl2 3%	.63 *	220.50
C 206	235 *	Gel 2%	.21 *	49.35
C 209	30 *	FIOSEAL 1/4 #/SK	2.35 *	70.50
C 108 A	5.88 TONS	TON Mileage	M/C	365.00
			Sub TOTAL	3669.10
			Less 5%	<190.967
			Sales Tax	150.09
				3628.23

THANK You
—M—

Authorization witnessed By Judd Gulick Title C & E Drlg Toolpusher Total 3628.23

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report

Ticket No. **5229**
 Foreman Kevin McCoy
 Camp EUREKA

API # 15-015-24142

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
9-29-20	1264	BANNON TRUST #2	26	285	4E	Butler	KS
Customer	Mailing Address	City	State	Zip Code	Safety Meeting	Unit #	Driver
Stewart Producers INC.	P.O. Box 546	MT VERNON	IL	62864	KM AM 5M JV	104	ALAN M.
						112	Josh V.
						113	Steve M.

Job Type Longstring Hole Depth 2820' KB Slurry Vol. 22 BBL LEAD 42 BBL TAIL Tubing _____
 Casing Depth 2806.71' G.L. Hole Size 7 7/8" Slurry Wt. 12.8* - 13.8* Drill Pipe _____
 Casing Size & Wt. 5 1/2" 17" Cement Left in Casing 42' S.J. Water Gal/SK 8.5 - 9.0 Other _____
 Displacement 65.2 BBL Displacement PSI 900 Bump Plug to 1500 PSI BPM _____

Remarks: Safety Meeting: Rig up to 5 1/2 casing w/ Rotating Swivel & Cementing Head. BREAK
Circulation w/ 10 BBL Fresh water. Mixed 75 SKS 60/40 Pozmix Cement w/ 6% Gel, 2* PhenoSeal/sk
@ 12.8*/gal yield 1.65 = 22 BBL Slurry, Tail in w/ 135 SKS Thick Set Cement w/ 5* Kol-Seal/sk 1*
Pheno-Seal/sk @ 13.8*/gal yield 1.75 = 42 BBL Slurry. Wash out Pump & Lines, Shut down, Release
Latch down Plug. Displace Plug to Seat w/ 65.2 BBL Fresh water. (KCL in first 30 BBL), FINAL
Pumping Pressure 900 PSI. Bump Plug to 1500 PSI. Release Pressure, Float & Plug Held. Rotated
Casing while Displacing Plug. Good Circulation @ ALL times while Cementing. Job Complete.
Rig down.

CENTRALIZERS ON #1, 2, 3, 5, 7, 9, 12, 15, 18 BASKETS ON TOP OF #3, 24 Note: Plug R.H. & M.H.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge	1100.00	1100.00
C 107	25	Mileage	4.20	105.00
C 203	110 SKS	60/40 Pozmix Cement	13.40	1474.00
C 206	570 *	Gel 6%	.21 #	119.70
C 208	220 *	Pheno-Seal 2*/SK	1.30 #	286.00
C 201	135 SKS	THICK SET Cement	20.50	2767.50
C 207	675 *	KOL-SEAL 5*/SK	.47 #	317.25
C 208	135 *	Pheno-Seal 1*/SK	1.30 #	175.50
C 108 A	12.16 TONS	Ton Mileage BULK TRUCKS x 2	M/C	730.00
C 691	1	5 1/2 Guide Shoe	175.00	175.00
C 674	1	5 1/2 AFU FLOAT COLLAR w/ LATCH DOWN INSERT	359.00	359.00
C 604	2	5 1/2 Cement BASKETS	236.00	472.00
C 504	9	5 1/2 x 7 7/8 CENTRALIZERS	50.00	450.00
C 421	1	5 1/2 LATCH DOWN PLUG	242.00	242.00
C 222	3 gals	KCL (FIRST 30 BBL OF DISPLACEMENT WATER)	30.00	90.00
C 781	1	5 1/2 Stop Ring	30.00	30.00
			Sub Total	8892.95
			Less 5%	467.26
			Sales Tax 6.5%	452.27
			Total	8877.96

Authorization T. Stewart

Title _____

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.