

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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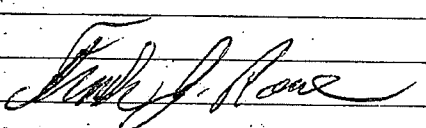
# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 2250

Date	Sec.	Twp.	Range	County	State	On Location	Finish
7/14/21	10	18	9	Rice	Kansas		11:00 PM
Lease Staatz-Schroeder				Location Bushon 6 E 15 W, W10			
Well No. 3-14			Owner				
Contractor Southwind Drilling			To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.				
Type Job Surface			Charge To Berexco LLC				
Hole Size 12 1/4		T.D. 350'		Street			
Csg. 8 5/8		Depth 349.7		City			
Tbg. Size		Depth		State			
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg. 20'		Shoe Joint 20'		Cement Amount Ordered 355 com 3% cc 2% gel			
Meas Line		Displace 21					
<b>EQUIPMENT</b>							
Pumptrk 18		No. Cementer Helper Jason		Common 355			
Bulktrk 15		No. Driver Brett		Poz. Mix			
Bulktrk 16		No. Driver David		Gel. 7			
				Calcium 13			
<b>JOB SERVICES &amp; REMARKS</b>				Hulls			
Remarks:				Salt			
Rat-Hole				Flowseal			
Mouse Hole				Kol-Seal			
Centralizers				Mud CLR 48			
Baskets				CFL-117 or CD110-CAF 38			
D/V or Port Collar				Sand			
Ran 8 5/8 csg and est. circulation				Handling 375			
Cemented with 355 SKS				Mileage			
				<b>FLOAT EQUIPMENT</b>			
				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
Cement did circulate				Pumptrk Charge Surface			
				Mileage 40			
 Signature				Thanks			
				Tax			
				Discount			
				Total Charge			



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Berexco Llc.  
2020 N Bramblewood  
Wichita, KS 67206-1094  
ATTN: Bryan Bynog

**10-18s-9w, Rice, KS**  
**Staatz-Schraeder #3-**  
Job Ticket: 51061 **DST#: 1**  
Test Start: 2021.07.19 @ 17:54:00

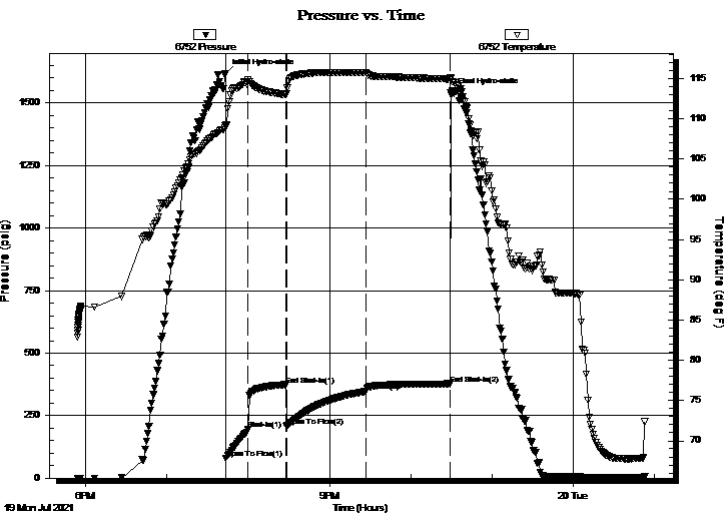
## GENERAL INFORMATION:

Formation: **Simpson Sand**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 19:43:32  
Time Test Ended: 00:53:02  
Interval: **3202.00 ft (KB) To 3257.00 ft (KB) (TVD)**  
Total Depth: 3257.00 ft (KB) (TVD)  
Hole Diameter: 7.75 inches Hole Condition: Poor  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Kevin Webster  
Unit No: 72  
Reference Elevations: 1744.00 ft (KB)  
1734.00 ft (CF)  
KB to GR/CF: 10.00 ft

## Serial #: 6752

Press@RunDepth: 346.60 psig @ ft (KB) Capacity: psig  
Start Date: 2021.07.19 End Date: 2021.07.20 Last Calib.: 2021.07.19  
Start Time: 17:54:01 End Time: 00:53:02 Time On Btm: 2021.07.19 @ 19:43:02  
Time Off Btm: 2021.07.19 @ 22:29:32

TEST COMMENT: IF- Strong blow bob in 2 min  
IS- No blow back  
FF- Strong blow built to 34"  
FS- No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1618.63	109.13	Initial Hydro-static
1	78.86	108.97	Open To Flow (1)
17	193.85	114.80	Shut-In(1)
45	373.41	113.04	End Shut-In(1)
46	206.71	113.11	Open To Flow (2)
104	346.60	115.72	Shut-In(2)
166	377.59	114.96	End Shut-In(2)
167	1541.80	115.07	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
248.00	MCW TR O, 75% Water 25% Mud	3.48
248.00	WCM TR O, 30% Water, 70% Mud	3.48
248.00	WCM TR O, 5% Water, 95% Mud	3.48

## Gas Rates

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



**TRILOBITE**  
TESTING, INC

**DRILL STEM TEST REPORT**

Berexco Llc.  
2020 N Bramblewood  
Wichita, KS 67206-1094  
ATTN: Bryan Bynog

**10-18s-9w, Rice, KS**  
**Statz-Schraeder #3-**  
Job Ticket: 51061 **DST#: 1**  
Test Start: 2021.07.19 @ 17:54:00

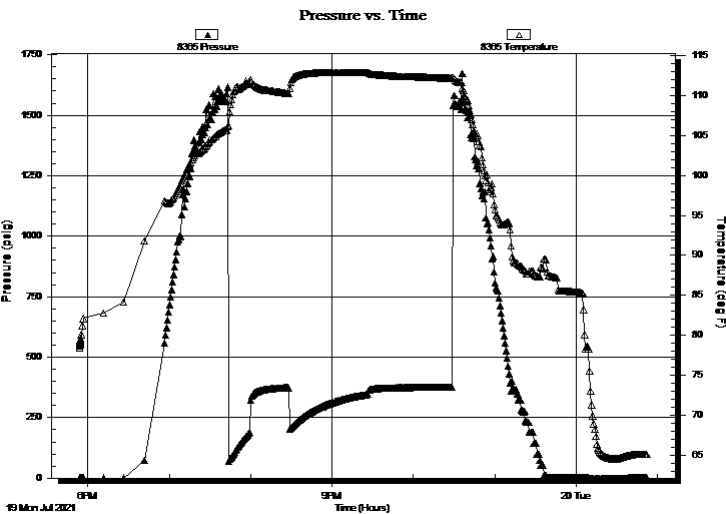
**GENERAL INFORMATION:**

Formation: **Simpson Sand**  
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)  
Time Tool Opened: 19:43:32 Tester: Kevin Webster  
Time Test Ended: 00:53:02 Unit No: 72  
**Interval: 3202.00 ft (KB) To 3257.00 ft (KB) (TVD)** Reference Elevations: 1744.00 ft (KB)  
Total Depth: 3257.00 ft (KB) (TVD) 1734.00 ft (CF)  
Hole Diameter: 7.75 inches Hole Condition: Poor KB to GR/CF: 10.00 ft

**Serial #: 8365**

Press@RunDepth: psig @ ft (KB) Capacity: psig  
Start Date: 2021.07.19 End Date: 2021.07.20 Last Calib.: 2021.07.19  
Start Time: 17:54:01 End Time: 00:52:02 Time On Btm:  
Time Off Btm:

TEST COMMENT: IF- Strong blow bob in 2 min  
IS- No blow back  
FF-Strong blow built to 34"  
FS- No blow back



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

**Recovery**

Length (ft)	Description	Volume (bbl)
248.00	MCW TR O, 75% Water 25% Mud	3.48
248.00	WCM TR O, 30% Water, 70% Mud	3.48
248.00	WCM TR O, 5% Water, 95% Mud	3.48

**Gas Rates**

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Berexco Llc.  
2020 N Bramblewood  
Wichita, KS 67206-1094  
ATTN: Bryan Bynog

**10-18s-9w, Rice, KS**  
**Staatz-Schraeder #3-**  
Job Ticket: 51061      **DST#: 1**  
Test Start: 2021.07.19 @ 17:54:00

### Mud and Cushion Information

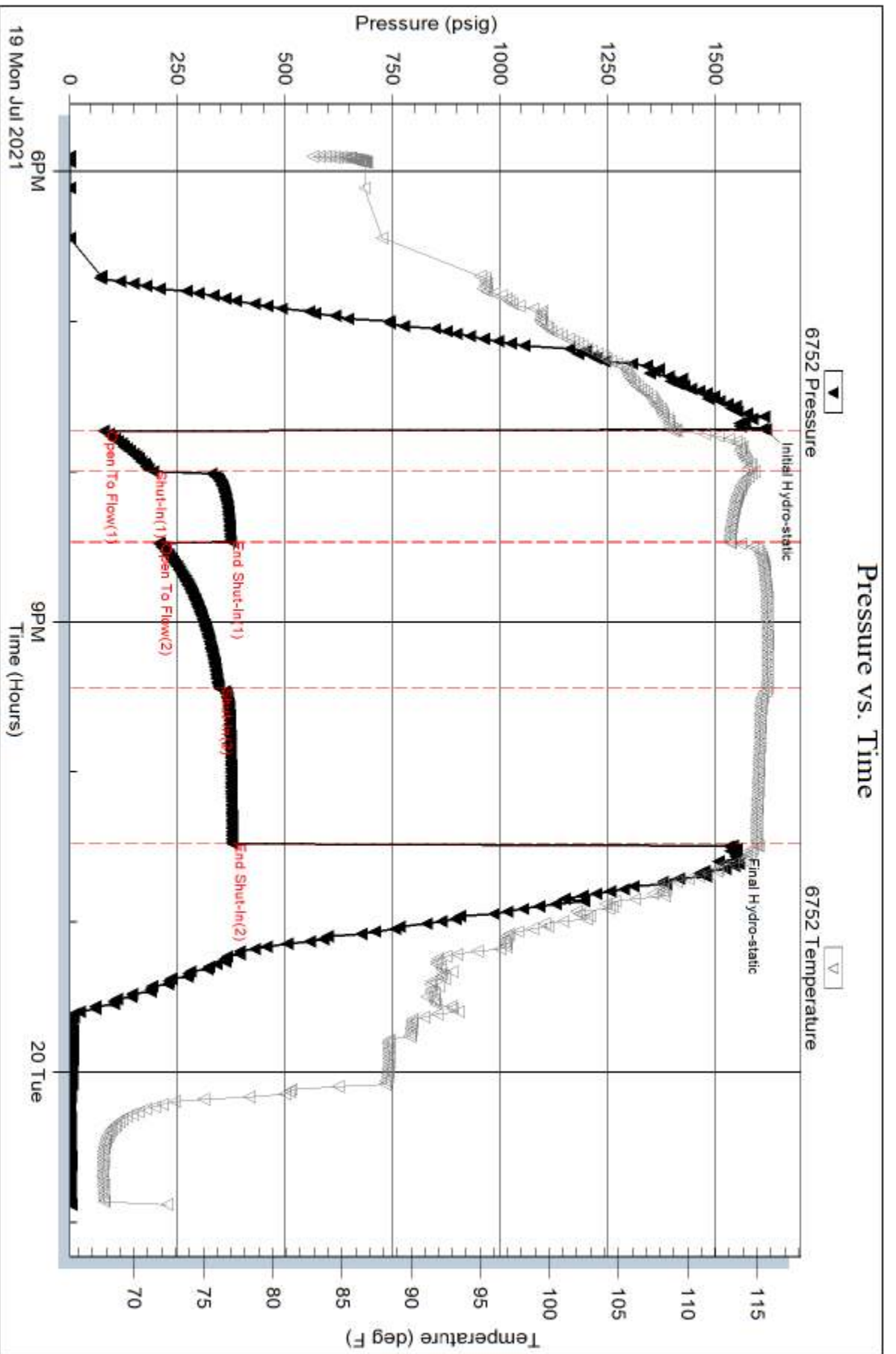
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	16000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

### Recovery Information

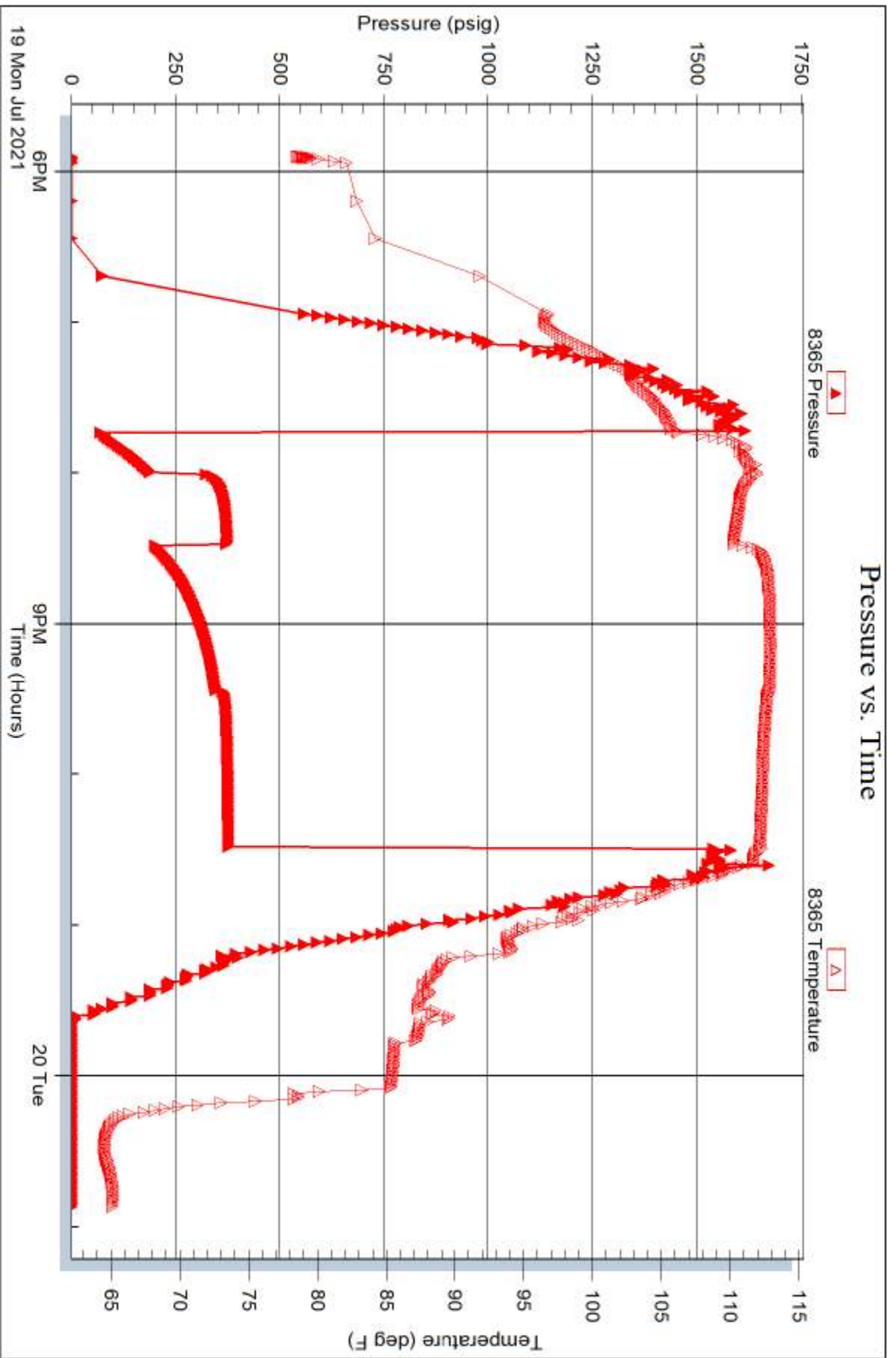
Recovery Table

Length ft	Description	Volume bbl
248.00	MCW TR O, 75% Water, 25% Mud	3.479
248.00	WCM TR O, 30% Water, 70% Mud	3.479
248.00	WCM TR O, 5% Water, 95% Mud	3.479

Total Length: 744.00 ft      Total Volume: 10.437 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments: 1#LCM







# LITHOLOGY STRIP LOG

## WellSight Systems

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

Measured Depth Log

Well Name: STAATZ SCHROEDER #3-14

Well Id:

Location: SWSEWNW SECTION 10 18S-9W RICE COUNTY, KANSAS

License Number: 15-159-22874

Region: MID-CONTINENT

Spud Date: 7-14-2021

Drilling Completed: 7-19-2021

Surface Coordinates: 1115' FNL & 1775' FEL

Bottom Hole

Coordinates:

Ground Elevation (ft): 1732

K.B. Elevation (ft): 1742

Logged Interval (ft): 2600

To: 3350

Total Depth (ft): 3350

Formation: LANSING / KANSAS CITY, SIMPSON & ARBUCKLE

Type of Drilling Fluid: WBM

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

### OPERATOR

Company: BEREXCO, LLC.

Address: 2020 N. Bramblewood  
Wichita, Kansas 67206

### GEOLOGIST

Name: William B. Bynog

Company:

Address: P.O.Box 687  
Pinecliffe, Co. 80471

### Surveys

DEPTH ANGLE

### DSTs

DST#1 3202-3257'

### Remarks

DRY HOLE

### ROCK TYPES



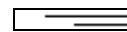
Anhy



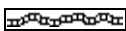
Coal



Lmst



Shcol



Bent



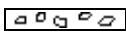
Congl



Meta



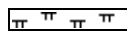
Shgy



Brec



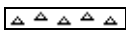
Dol



Mrlst



Slst



Cht



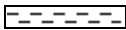
Gyp



Salt



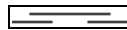
Ss



Clyst



Igne



Shale



Till

### 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

#### FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral

- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

#### STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol

- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg

#### TEXTURE

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

### OTHER SYMBOLS

#### POROSITY

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

#### SORTING

- Well
- Moderate
- Poor

#### ROUNDING

- Rounded
- Subrnd
- Subang

- Angular

#### OIL SHOW

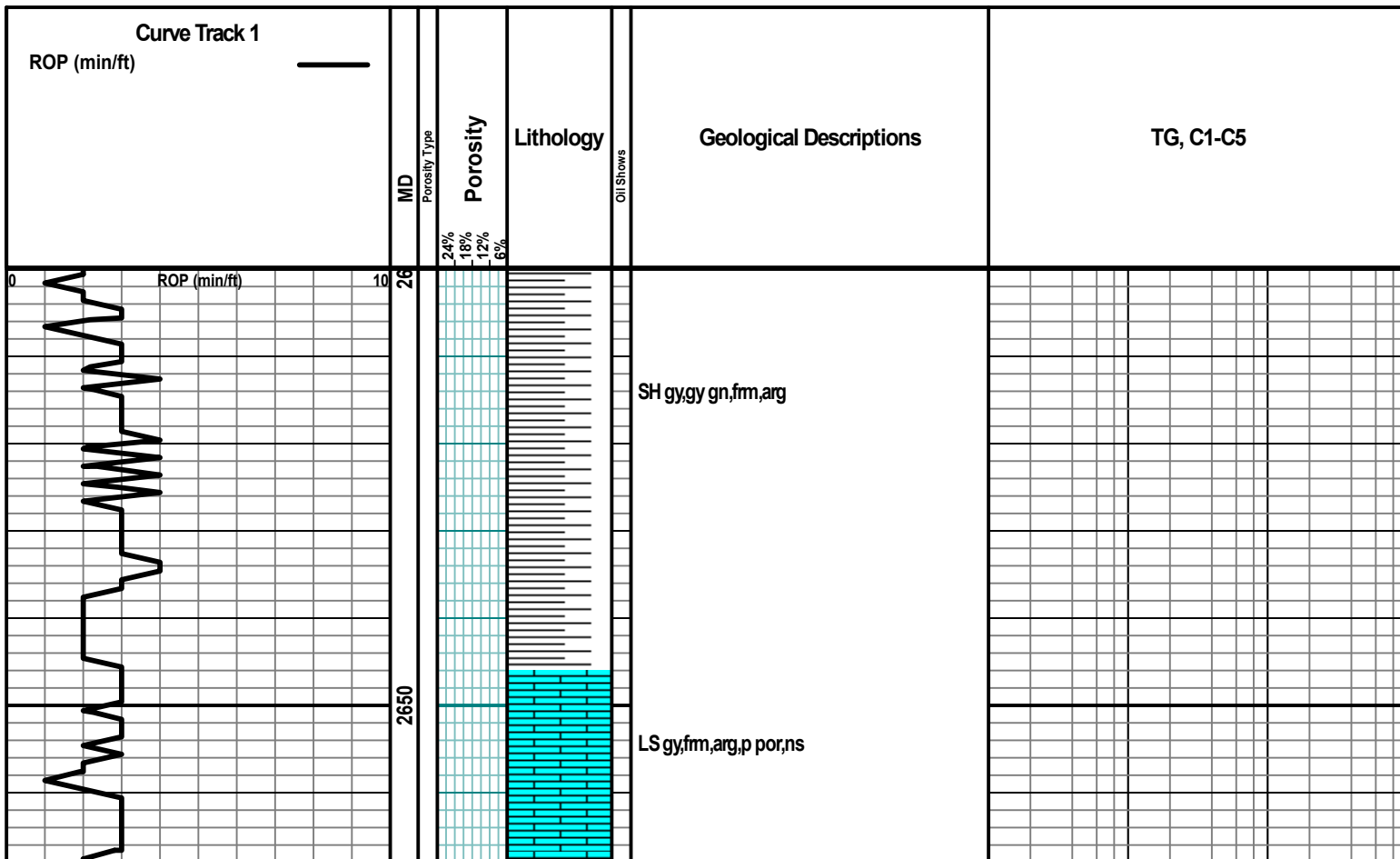
- Even
- Spotted
- Ques
- Dead

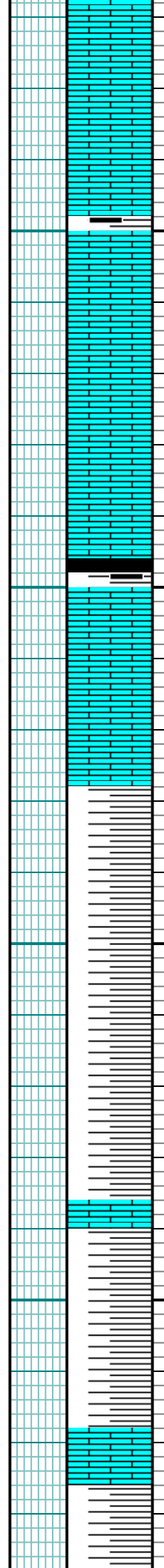
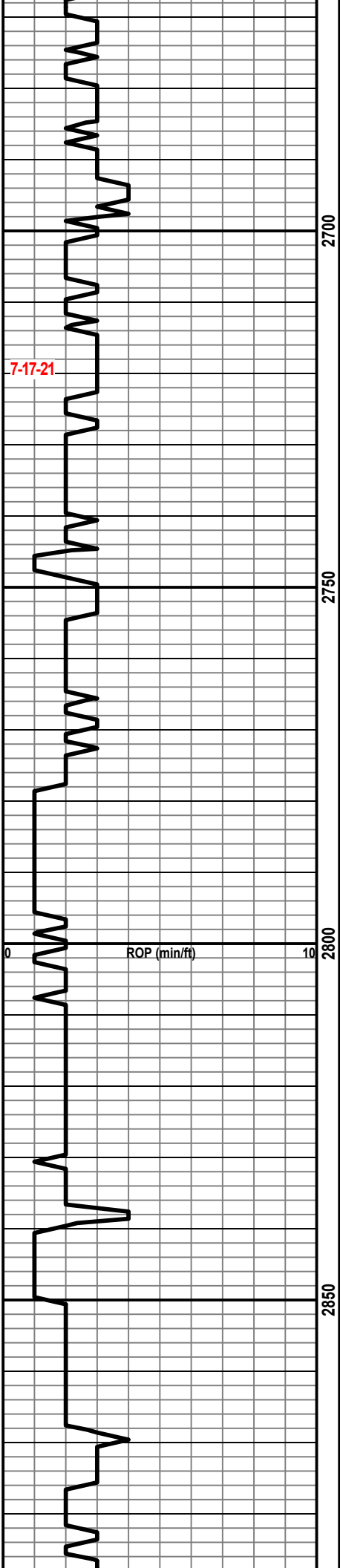
#### INTERVAL

- Dst
- Dst mis-run

#### EVENT

- Rft
- Sidewall





LS gy bm,hd,blky,dns,p por,ns

LS gy,hd,blky,dns,some SH blk,carb

LS gy,gy bm,hd,blky,dns, cherty ip bm

SH blk,fm,blky,v carb

LS bm,v hd,v dns,ns

LS, gy-gy bm,hd,blky,dns, arg ip

SH gy,gy gn red,fm,bcmg v arg at base

LS cm,v hd,dns,blky,crptoxh,ns

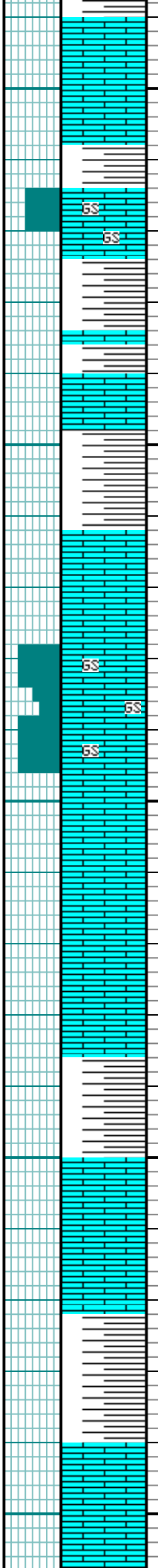
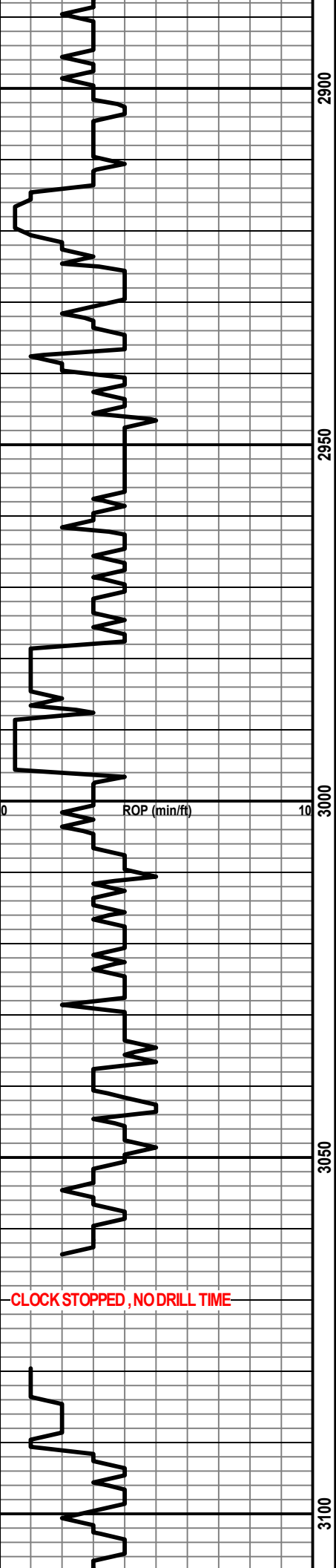
SH gy,red,gn,sft-fm,v arg

LS aa dns,ns

SH

MUD DATA 2720' WT. 8.5 VS 69 FL 8.0 PH  
10.5 CK 1 CL 2300 LCM 2

HEEBNER  
2745(-1003) S



LS cm,hd,blk,y,dns,ns

SH aa

GRAINSTONE pale bm,frm,v oomoldic,g moldic por,ns

SH and LS cm,hd,dns,ns

LS cm,hd,dns,blk,y,ns with thin SH aa

GRAINSTONE pale bm,frm,v oomoldic,gd moldic por,ns

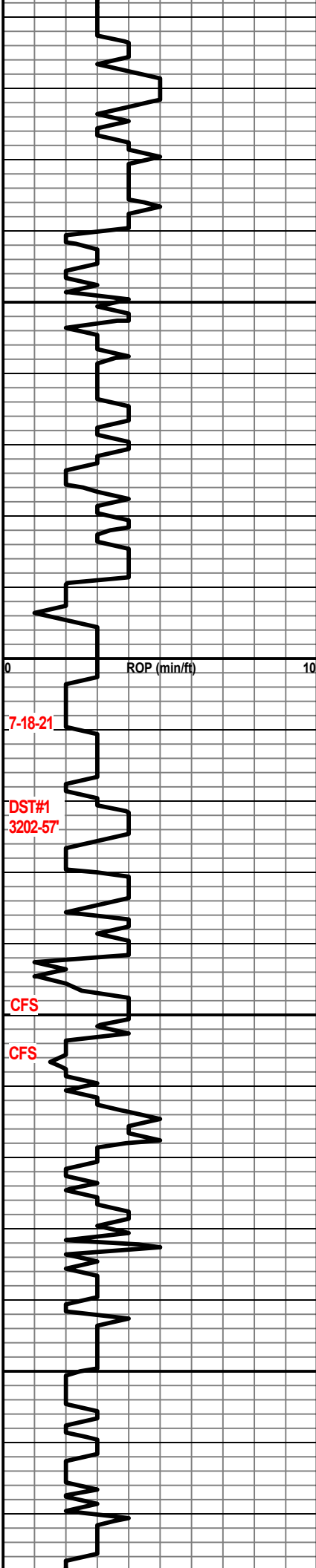
LS cm,v hd,v dns,blk,y,cptoxln,no vis por,ns

SH gy,gn,red,sft,v arg

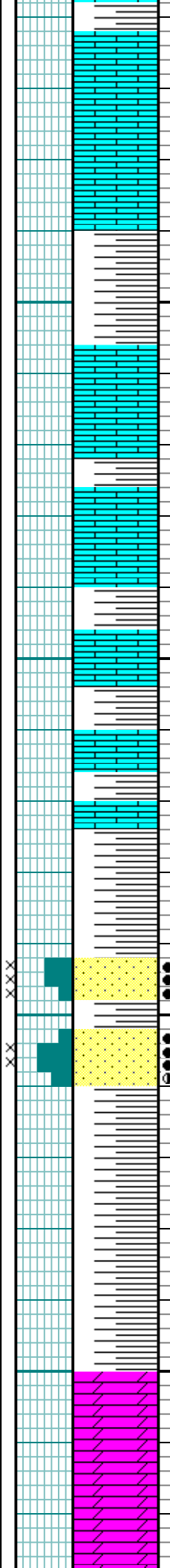
LS aa cm,v hd,v dns

SH aa

LS cm-tan,v hd,dns,blk,y,no vis por,ns with thin SH aa



3150  
3200  
3250  
3300



SH gy,gn,red,frm,arg ip

LS aa, SH aa

SH gy,gn,red,st-frm,some v arg LS aa p por,ns

SH red,gn,sft,v arg

SS tmsl,fri,m gr,rsbang.w srtd,cln,fr intg  
 ● poreven live oil stn,flash cut,tr high gravity  
 ● free oil

SH bri gn,red,frm,sb wxy

SS tmsl,fri-frm,m-c gr,rsrd,fr-g intg por,even  
 ● live st bm stn,flash cut, gd odor

SH red,gn,gy,frm,sb wxy

DOL buff,hd,blky,dns,fmly xln,ns

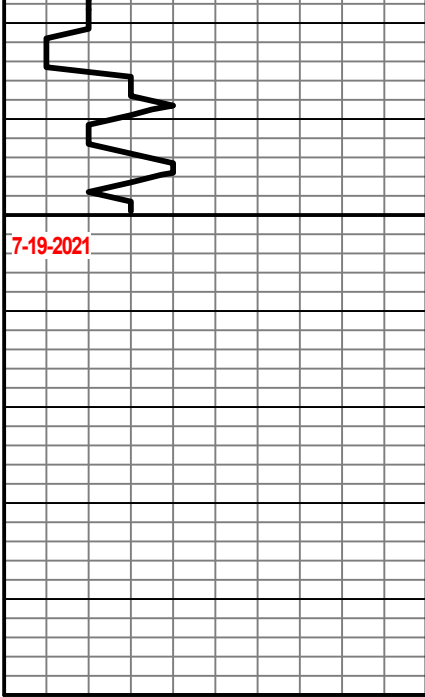
7-18-21  
DST#1  
3202-57'  
CFS  
CFS

MUD DATA 3248' WT 9.2 VIS 48 FL 8.8 CK 1  
PH 10.0 CL 4000 LCM 1

SIMPSON SAND  
3242(-1500) S

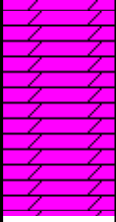
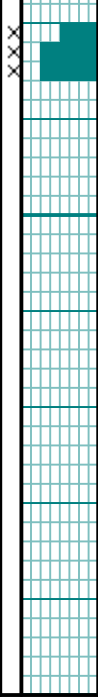
DST#1 3202-3257' SIMPSON  
15-30-60-60 min.  
IH 1618 IF 78-193 (bob 2 min) ISI 373  
FF 286-146 (34") FSI 377 FH 1541  
REC: 248' WCM(5% m), 248' WCM(30% m) &  
248' MCW(with tr oil in all)

ARBUCKLE  
3300(-1558) S



3350

00



DOL wh, fm, microsuc, g intxln por, ns

DOL aa buf, y hd, dns, ns

RTD 3350'

