

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 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	BEREXCO LLC
Well Name	PARK UNIVERSITY 1-17
Doc ID	1415826

All Electric Logs Run

Radiation Guard Log
Cement Bond Log
Borehole Compensated Sonic Log
Microresistivity Log
Dual Induction Log
Dual Comp Porosity Log

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	PARK UNIVERSITY 1-17
Doc ID	1415826

Tops

Name	Top	Datum
Anhydrite	3289	113
Base Anhydrite	3325	77
Foraker	3871	-469
Topeka	4104	-702
Oread	4245	-843
LKC A	4321	-919
LKC B	4383	-981
LKC C	4443	-1041
LKC D	4484	-1082
LKC E	4530	-1128
LKC F	4568	-1166
Pawnee	4686	-1284
Fort Scott	4728	-1326
Cherokee	4800	-1398
RTD	4950	-1548
LTD	4946	-1544

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: PARK UNIVERSITY #1-17

Well Id:

Location: N2SESWSW 17- 2S-37W Cheyenne County, Kansas

License Number: 15-023-21478

Region: Midcontinent

Spud Date: 3-15-2018

Drilling Completed: 3-28-2018

Surface Coordinates: 550' FSL & 990' FWL

Bottom Hole

Coordinates:

Ground Elevation (ft): 3394

K.B. Elevation (ft): 3402

Logged Interval (ft): 3500 To: 4950 Total Depth (ft): 4950

Formation: LKC,Pawnee, Fort Scott & Cherokee

Type of Drilling Fluid: WBM

Printed by MudLog 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

Survey's & FORMATION Tops

DEPTH	ANGLE	FORMATION TOPS(LOG)
342'	.75	ANHYDRITE 3290(+112)
1010'	.50	FORAKER 3870(-468)
2013	1	TOPEKA 4104(-702)
3489'	1.25	OREAD 4246(-844)
4600'	.75	LANGING A 4322(-920)
		PAWNEE 4687(-1287)
		FORT SCOTT 4729(-1327)
		CHEROKEE 4800(-1398)

DSTs

DST#1 4180-4250', DST#2 4280-4370, DST#3 4396-4430, DST#4 4420-4520', DST#5 4500-4600' , DST#6 4800-30'

Comments

RAN PRODUCTION CASING

ROCK TYPES

ROCK TYPES

- Anhy
- Bent
- Brec
- Cht
- Clyst

- Coal
- Congl
- Dol
- Gyp
- Igne

- Lmst
- Meta
- Mrlst
- Salt
- Shale

- Shcol
- Shgy
- Sltst
- Ss
- Till

ACCESSORIES

MINERAL

- 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

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

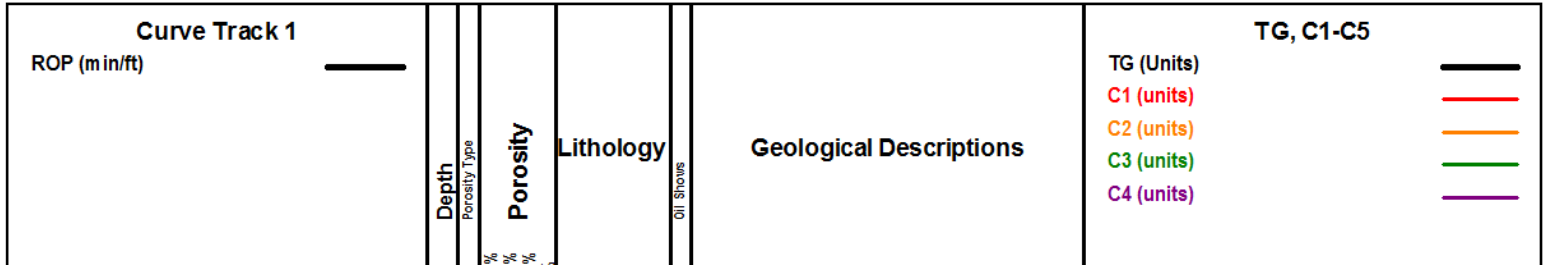
- Even
- Spotted
- Ques
- Dead

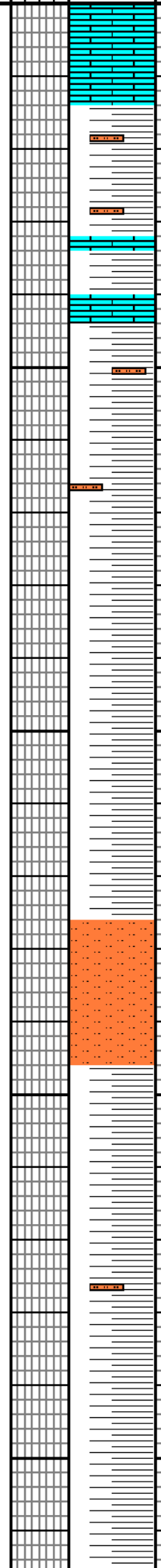
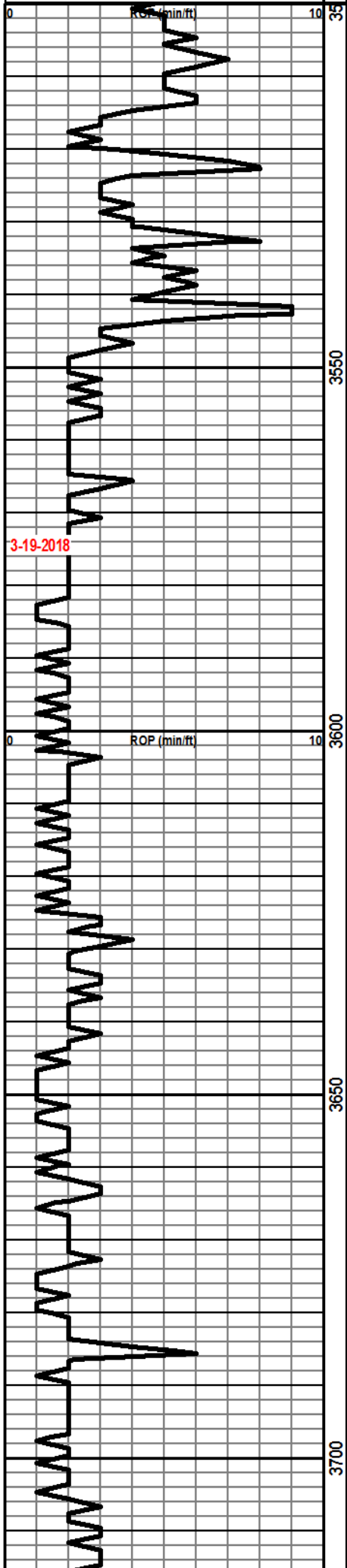
INTERVAL

- Dst
- Dst

EVENT

- Rft
- Sidewall





LS crm, v hd, dns, crptoxIn, ns

SH red, frm, slty / thin LS aa

SH red, sft, v arg

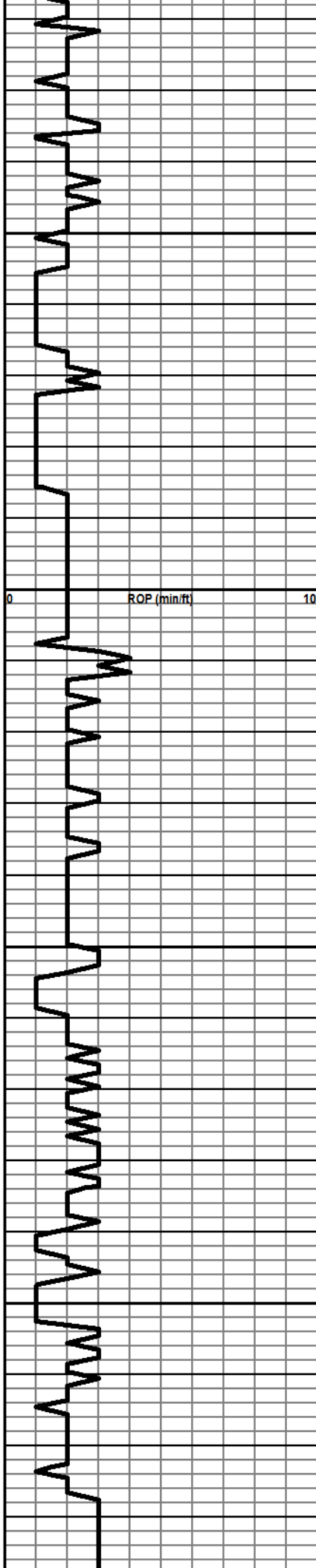
SLTST pale red orng, frm, sdy ip

SH red, sf-frm, v arg, slty ip

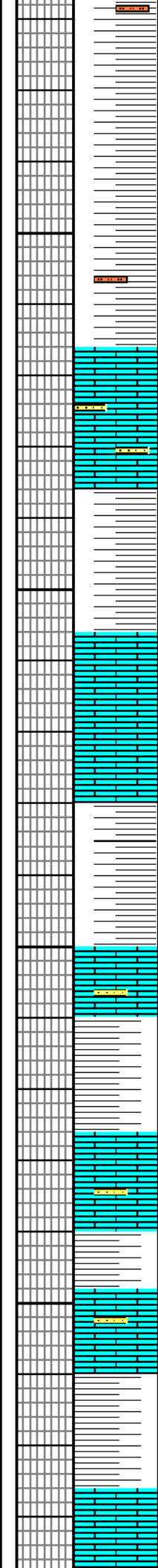
TG, C1-C5
 1 10 100 1000
 ANHYDRITE 3294(+108) S
 3290(+112) L
 BASE 3323(+79) S
 3325(+81) L

TG, C1-C5
 1 10 100 1000

MUD DATA 3630'
 WT 8.7 VIS 50 FL 6.8
 PH 11.5 CK 2 CL 800
 LCM 2.0



3750
3800
3850
3900



LS crm, v hd, dns, crtpoxln, p por, ns

LS pale gy, crm, frm, v sdy, vfg, p por, ns

SH red, v sft, v arg

LS off wh, frm-hd, dns-v sdy, p por, ns

SH red, gn, gy, frm, fi ss

LS crm, pale gy, hd, dns, ns, som e Cht orgn

LS pale gy, frm, v sdy, vfg, p vis por, ns

SH gy, gy glk, frm, fi ss, sl carb

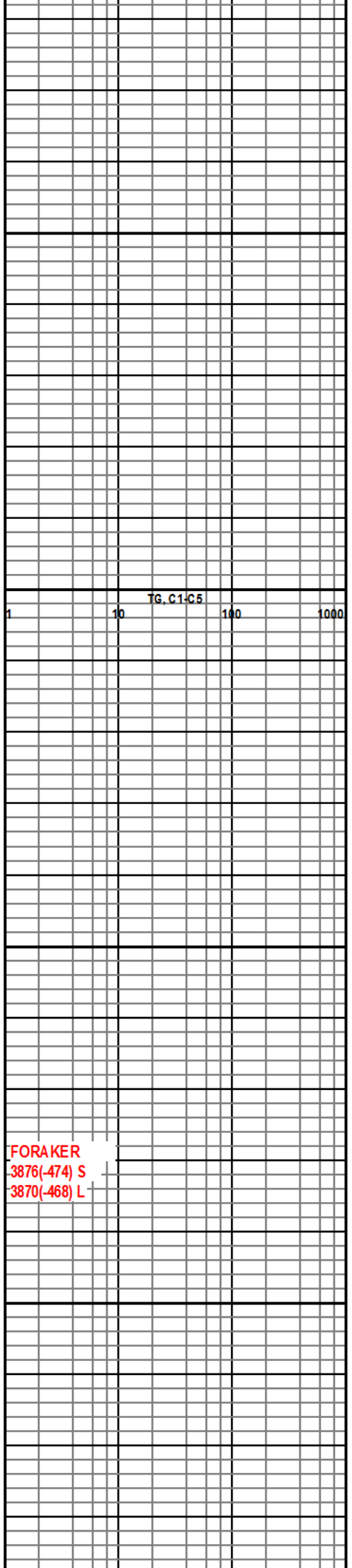
LS pale gy, frm, arg, sdy i p, p vis por, ns

SH gn, gy, frm, fi ss, wxy ip

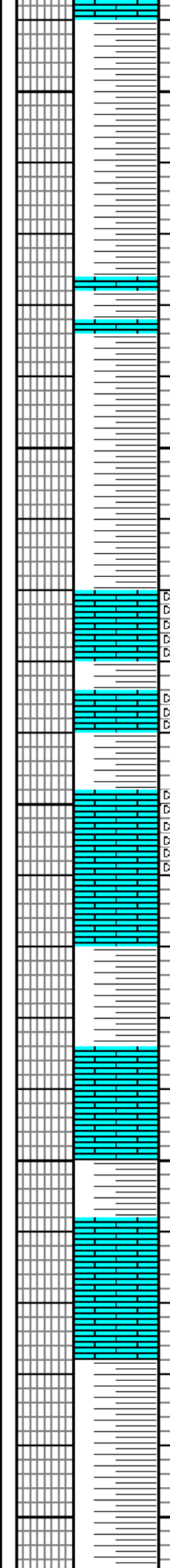
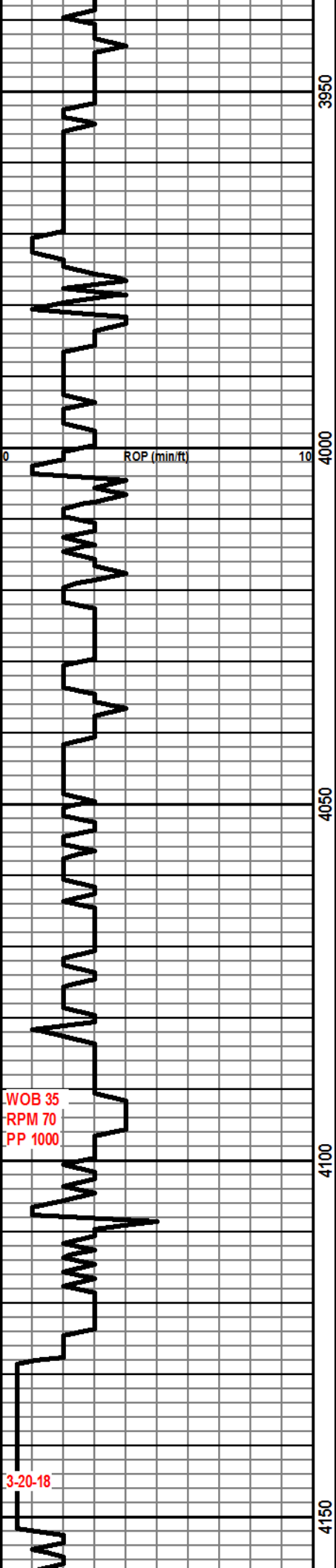
LS aa, sdy ip

SH gy, gy blk, slty ip

LS off wh-crm, frm, sb chky, arg, p vis por, ns



FORAKER
3876(-474) S
3870(-468) L



SH red, v sft, v arg with v thin LS
crm, hd, dns, ns

LS wh-pale gy, frm, foss, chky i, p, pp vuggy
por, v spty blk dd stn, no free oil with thin
intbd SH aa

LS off wh, frm, chky, sl foss, p por, spty blk
dd stn, no free oil

LS crm, v hd, dns, crptoxln, ns

SH red, sft

LS crm, v hd, dns, crptoxln, ns

LS off wh, frm, sb chky-chky, p vis por, ns

SH gn, red, gy, frm, fi ss

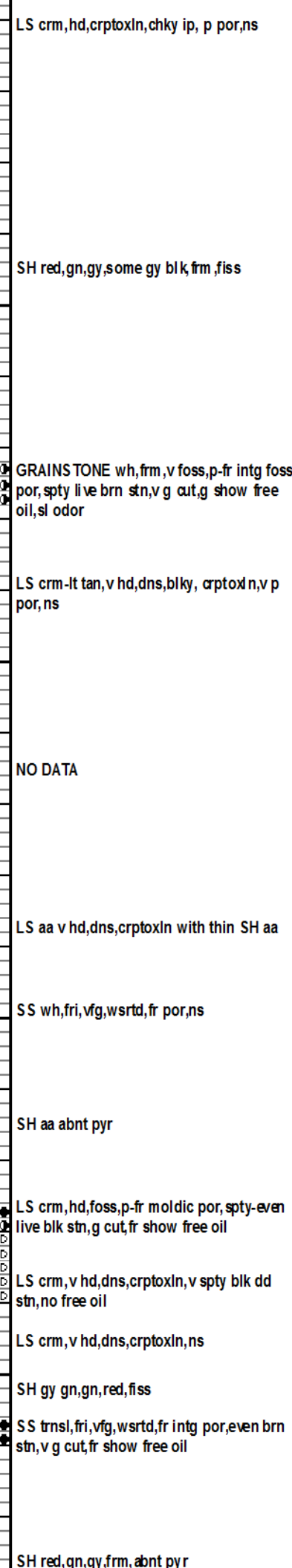
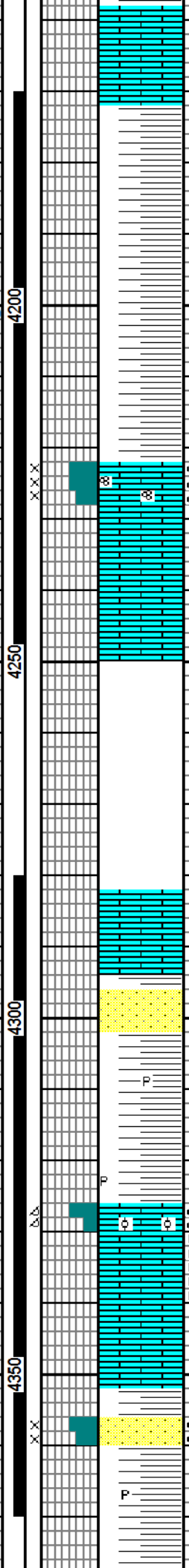
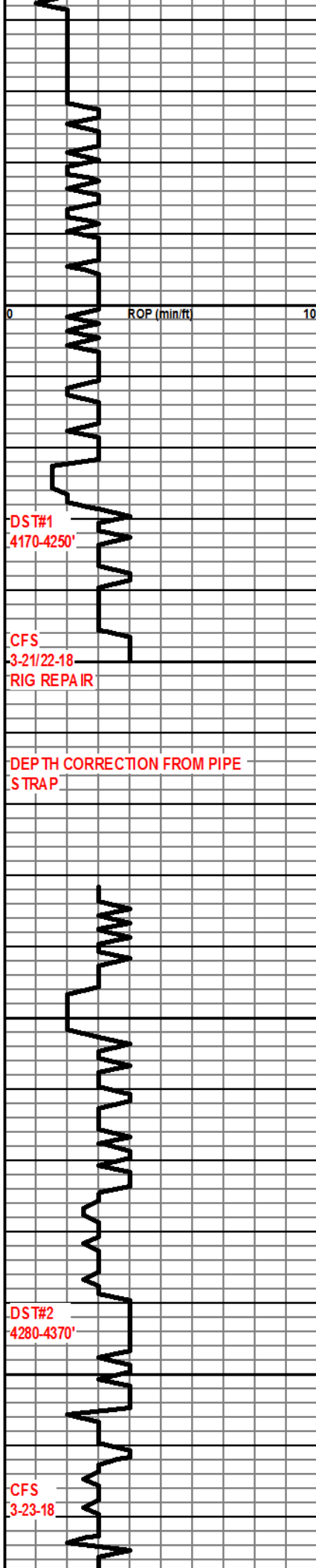
WOB 35
RPM 70
PP 1000

3-20-18

TG, C1-C5

1 10 100 1000

TOPEKA
4108(-706) S
4104(-702) L



MUD DATA 4174'
 WT 9.1 VIS 50 FL 6.4
 PH 10.5 CK 2 CL 700
 LCM 2.0

DST#1 4170-4250' 30-60-30-60 min.
 1H 2109 IF 21-22(1.5' blw) ISI 61
 FF 22-23 FSI 54 FH 2089
 REC: 10' MUD, TR OIL

OREAD
 4222(-820) S
 4246(-844) L

MUD DATA 4250'
 WT 9.0 VIS 44 FL 7.2
 PH 10.5 CK 2 CL 500
 LCM 1.0

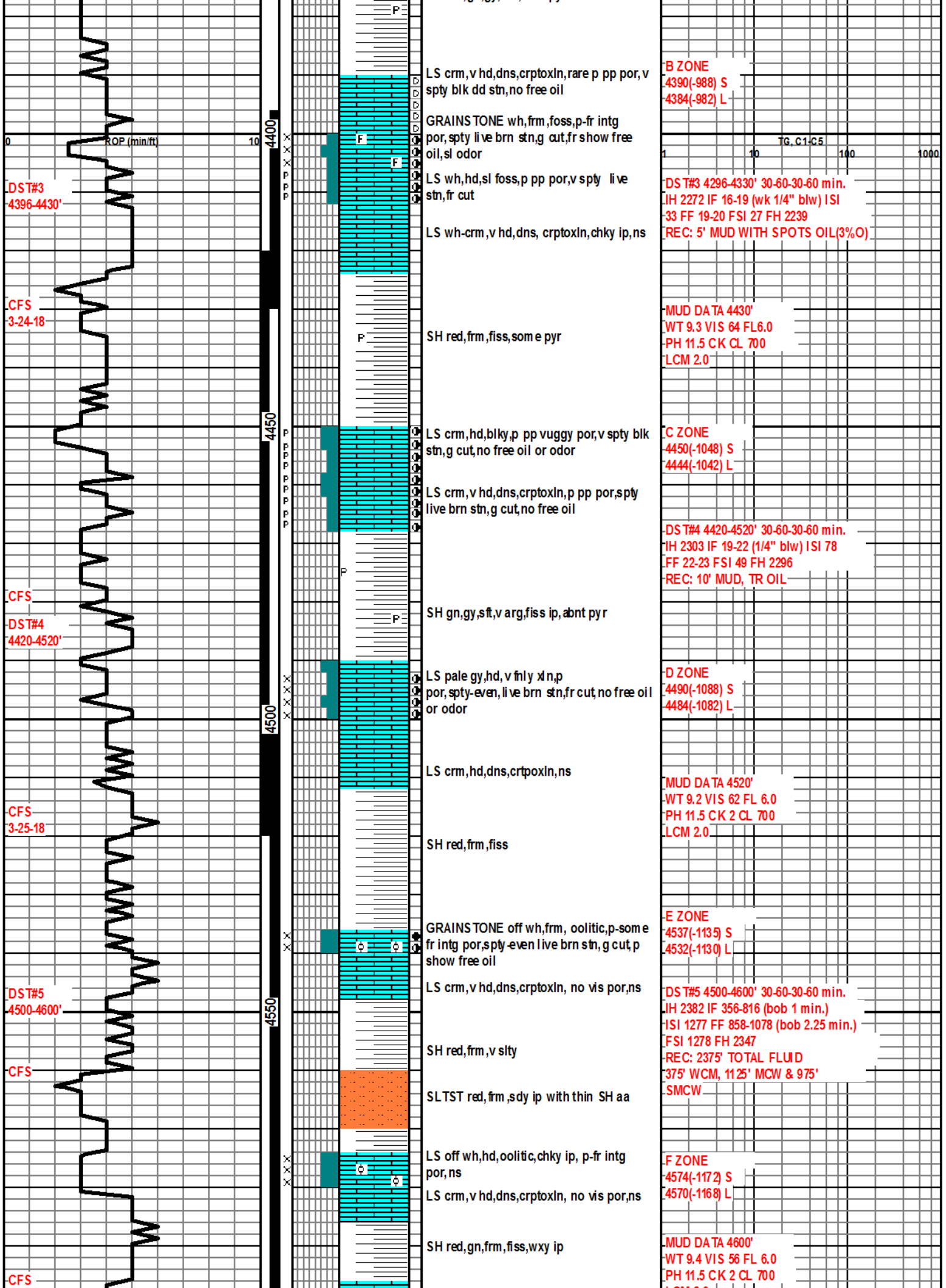
PIPE STRAP 4281', 31' DEEPER THAN BOARD (4250'), FORMATION TOPS PRIOR TO STRAP ARE 31' DEEPER AFTER CORRECTION

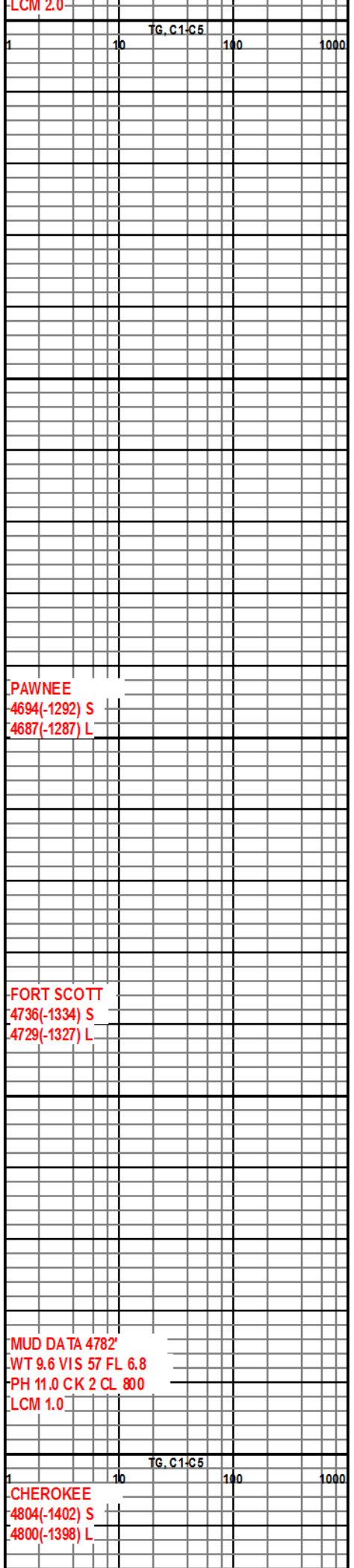
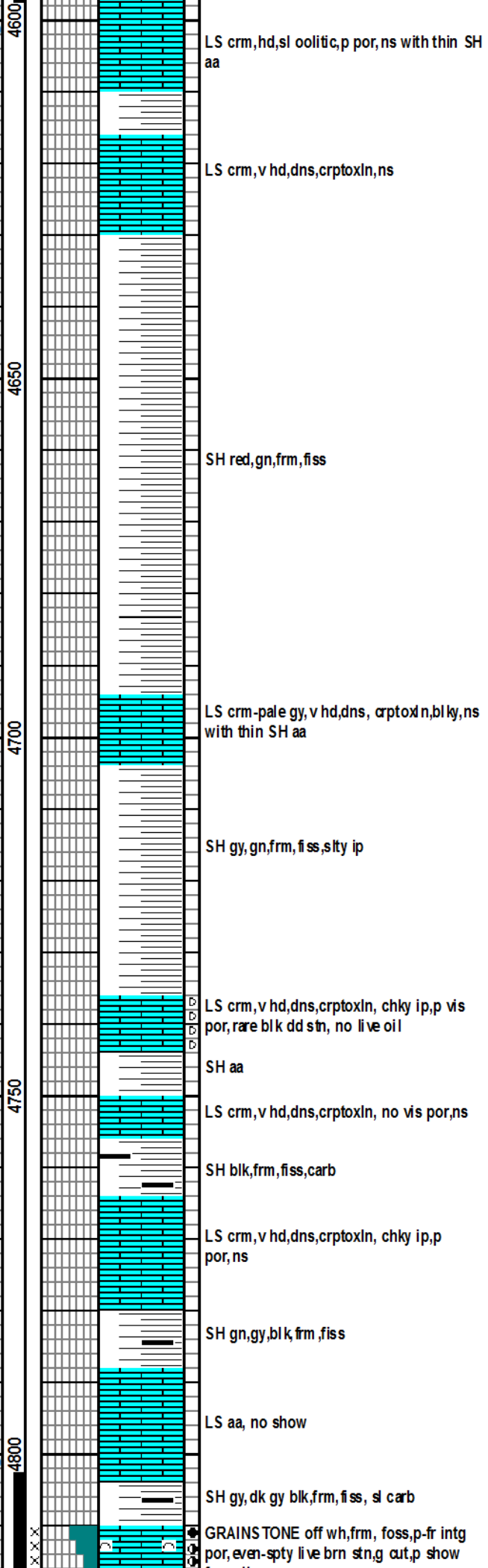
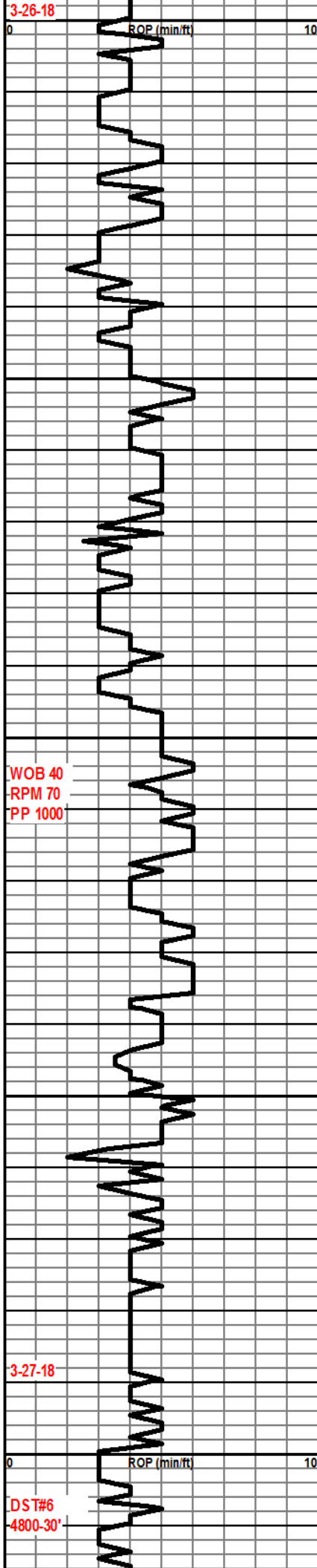
MUD DATA 4281'
 WT 9.0 VIS 48 FL 7.2
 PH 10.5 CK 2 CL 700
 LCM 1.0

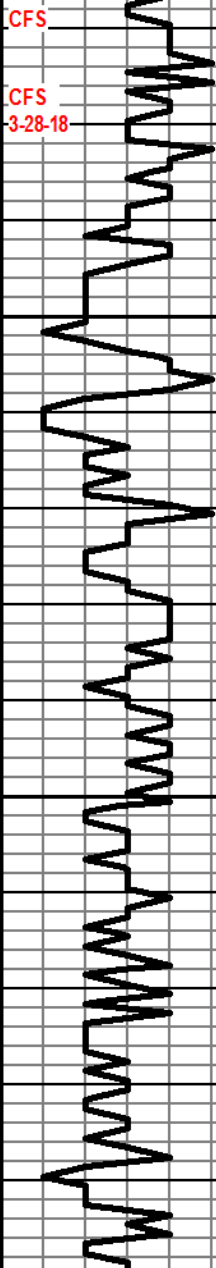
LANSING A
 4324(-924) S
 4322(-920) L

DST#2 4280-4370' 30-60-90-120 m
 1H 2201 IF 20-91 (8" blw) ISI 1310 (wk blw)
 FF 96-223 (bob 11") FSI 1299 (2.5' blw) FH 2170 REC: 95' GIP & 495' TOTAL FLUID 35' CO, 75' SMCGO (82% O) & 385' GOCM (32% O)

MUD DATA 4370'
 WT 9.2 VIS 48 FL 7.2
 PH 10.5 CK 2 CL 700
 LCM 1.0



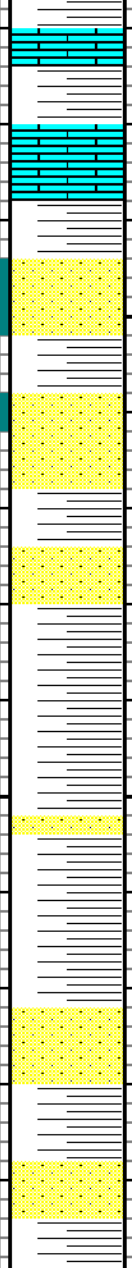




CFS
3-28-18

ROP (min/ft)

4850
4900
4950
5000



SH gy, gy blk, blk, frm, fiss aa with thin LS
crm, v hd, dns, ns

SH dk red, gn, sft, v arg, gummy

SS trns, frm, f-c gr, p srt, gd intg por, ns
some v hd, dns, sileous, v blk with thin
SH aa

SS wh, trns, hd, f-m gr, blk, s & p, p vis
por, ns with thin SH aa

SH dk red, sft, v arg

SH dk red, gn, frm, fiss, wxy ip with thin SS
wh, frm, f-m gr, msrt, gd por, ns

RTD 4950'
LTD 4946'

DS T#6 4800-30' 30-60-90-120 min.
IH 2510 IF 27-209 (bob 10 m) ISI 941
(11.75' bb) IF 224-417 (bob 15 m)
FSI 929 (2.75" bb) FH 2459
REC: 1040' TOTAL FLUID
450' CGO, 124' MCGO, 346' SMCGO
& 120' MCGO

MUD DATA 4850'
WT 9.4 VIS 60 FL 6.8
PH 11.0 CK 2 CL 800
LCM 2.0

TG, C1-C5



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC

17/2s/37w Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

Park University#1-17

ATTN: Bryan Bynog

Job Ticket: 63372

DST#: 1

Test Start: 2018.03.22 @ 07:20:00

GENERAL INFORMATION:

Formation: **Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:35:00

Time Test Ended: 16:46:30

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 83

Interval: 4170.00 ft (KB) To 4250.00 ft (KB) (TVD)

Reference Elevations: 3402.00 ft (KB)

Total Depth: 4250.00 ft (KB) (TVD)

3394.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8017 Outside

Press@RunDepth: 22.71 psig @ 4171.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.03.22 End Date: 2018.03.22

Last Calib.: 2018.03.22

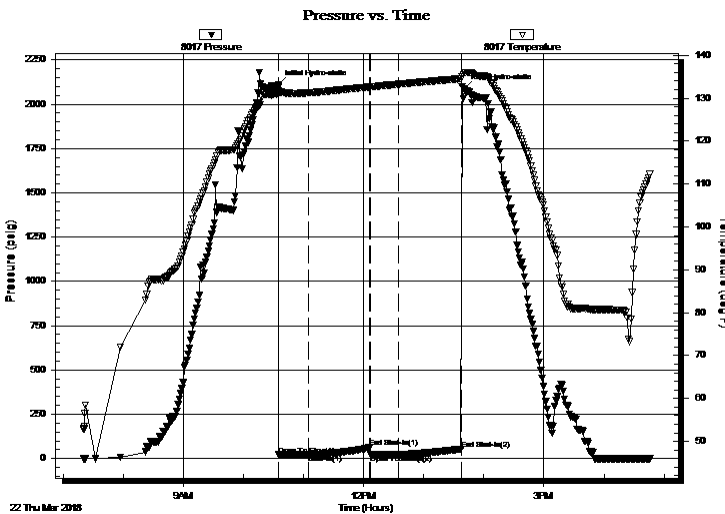
Start Time: 07:20:05 End Time: 16:46:30

Time On Btm: 2018.03.22 @ 10:34:45

Time Off Btm: 2018.03.22 @ 13:40:30

TEST COMMENT: 30 - IF: Surging blow built to 1 3/4", died back to 3/4"
60 - IS: No blow back
30 - FF: No blow
60 - FS: No blow

PRESSURE SUMMARY



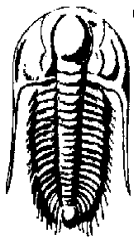
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2108.84	131.77	Initial Hydro-static
1	20.50	130.85	Open To Flow (1)
31	21.91	131.26	Shut-In(1)
91	60.90	132.64	End Shut-In(1)
92	21.96	132.64	Open To Flow (2)
120	22.71	133.27	Shut-In(2)
183	54.26	134.54	End Shut-In(2)
186	2089.40	135.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w /trace oil 100%m	0.05

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
 ATTN: Bryan Bynog

17/2s/37w Cheyenne KS
Park University#1-17
 Job Ticket: 63372 **DST#: 1**
 Test Start: 2018.03.22 @ 07:20:00

GENERAL INFORMATION:

Formation: **Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:35:00

Time Test Ended: 16:46:30

Interval: 4170.00 ft (KB) To 4250.00 ft (KB) (TVD)

Total Depth: 4250.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 83

Reference Elevations: 3402.00 ft (KB)

3394.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6625

Inside

Press@RunDepth: psig @ 4171.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.03.22

End Date: 2018.03.22

Last Calib.: 2018.03.22

Start Time: 07:20:05

End Time: 16:47:00

Time On Btm:

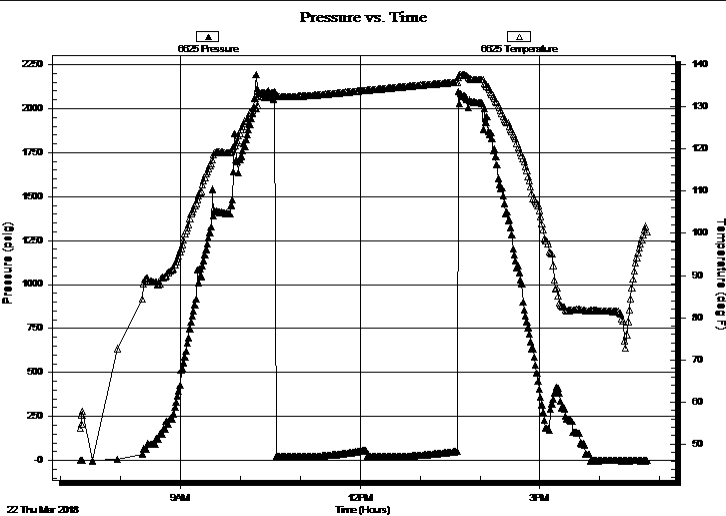
Time Off Btm:

TEST COMMENT: 30 - IF: Surging blow built to 1 3/4", died back to 3/4"

60 - IS: No blow back

30 - FF: No blow

60 - FS: No blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w /trace oil 100% m	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco, LLC

17/2s/37w Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

Park University#1-17

Job Ticket: 63372

DST#: 1

ATTN: Bryan Bynog

Test Start: 2018.03.22 @ 07:20:00

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:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud w /trace oil 100%m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

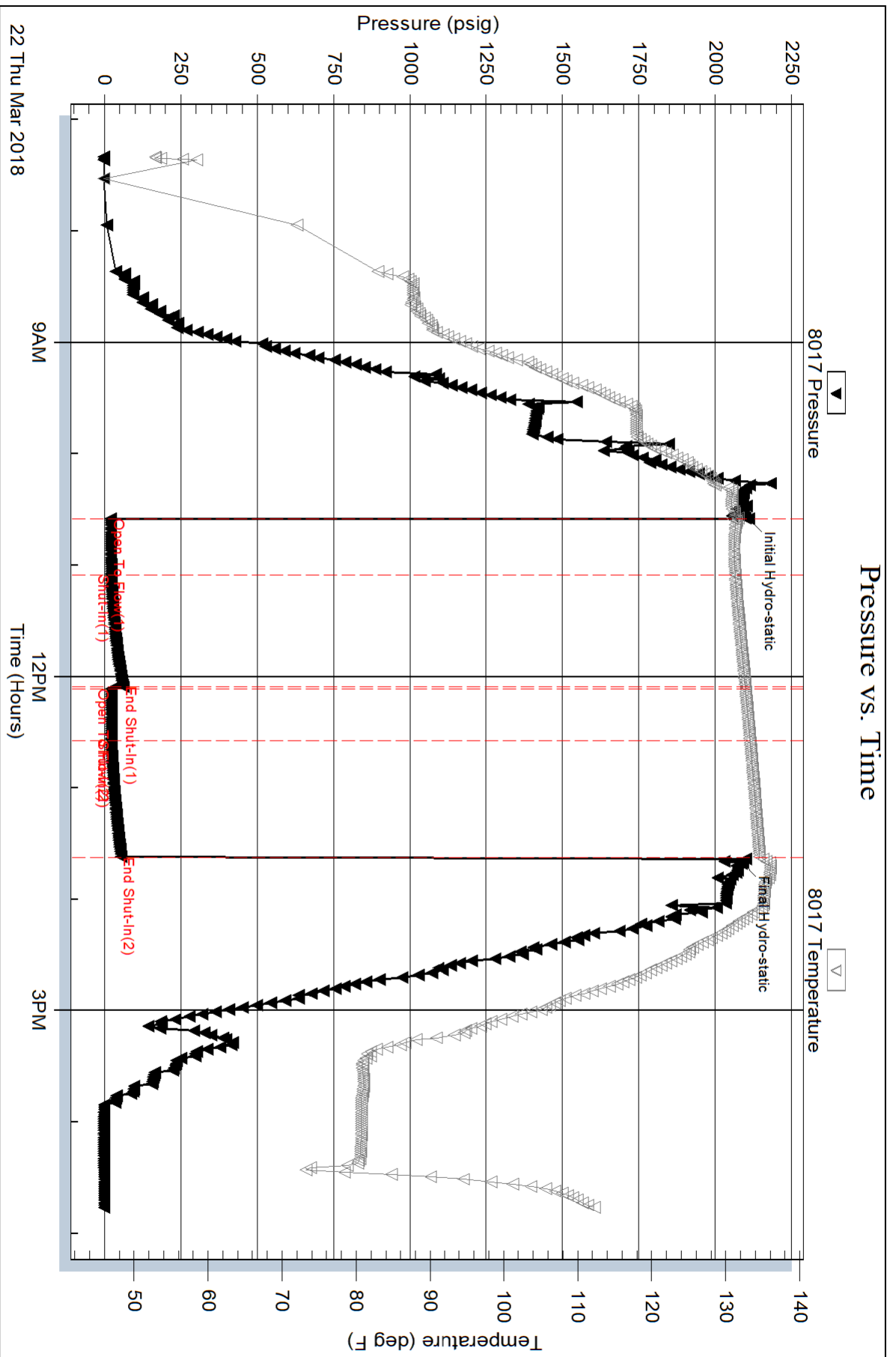
Num Gas Bombs: 0

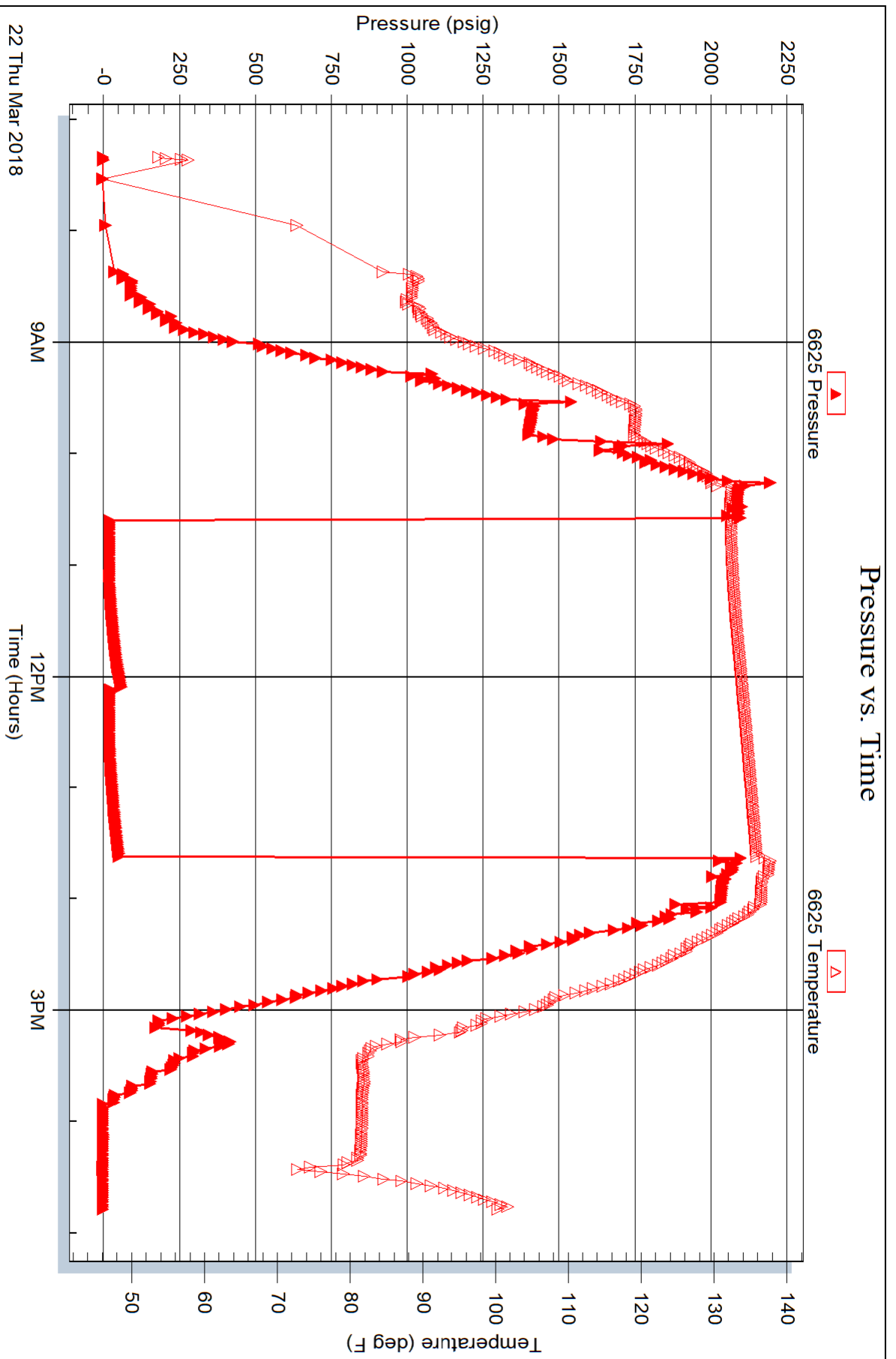
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco, LLC
2020 N. Bramblewood
Wichita, KS 67206
ATTN: Bryan Bynog

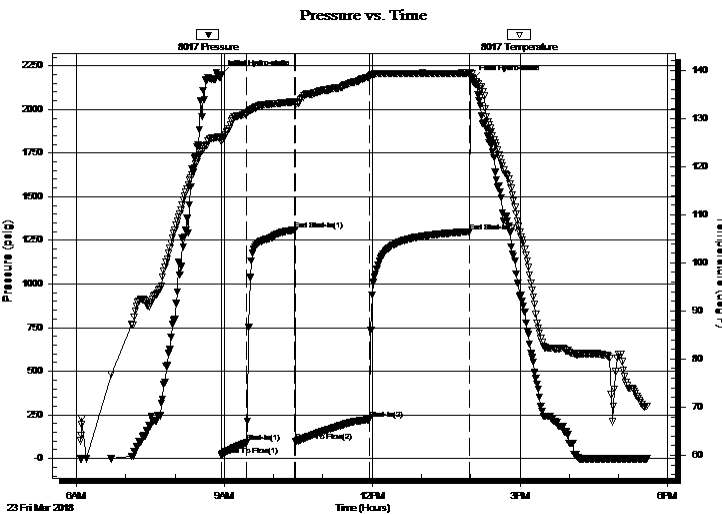
17/2s/37w Cheyenne KS
Park University#1-17
Job Ticket: 63373 **DST#: 2**
Test Start: 2018.03.23 @ 06:05:00

GENERAL INFORMATION:

Formation: **Lans. "A"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:56:15
Time Test Ended: 17:34:45
Interval: **4280.00 ft (KB) To 4370.00 ft (KB) (TVD)**
Total Depth: 4370.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 83
Reference Elevations: 3402.00 ft (KB)
3394.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8017 Outside
Press@RunDepth: 223.41 psig @ 4281.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2018.03.23 End Date: 2018.03.23 Last Calib.: 2018.03.23
Start Time: 06:05:05 End Time: 17:34:45 Time On Btm: 2018.03.23 @ 08:56:00
Time Off Btm: 2018.03.23 @ 14:02:00

TEST COMMENT: 30 - IF: Blow built to 8"
60 - IS: Blow built 1/4", then died back
90 - FF: Blow built to BOB (11") at 46 min., built to 20 1/2"
120 - FS: Blow built 2 1/2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2201.19	126.14	Initial Hydro-static
1	19.65	125.11	Open To Flow (1)
31	91.48	130.95	Shut-In(1)
90	1309.60	133.43	End Shut-In(1)
91	96.26	133.03	Open To Flow (2)
181	223.41	138.57	Shut-In(2)
303	1299.28	139.40	End Shut-In(2)
306	2169.91	138.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
385.00	GOCM 49% _m , 32% _o , 19% _g	1.89
75.00	SMCGO 82% _o , 10% _g , 8% _m	0.37
35.00	CO 98% _o , 2% _g	0.45
0.00	GIP = 95' (w eak odor)	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco, LLC
2020 N. Bramblewood
Wichita, KS 67206
ATTN: Bryan Bynog

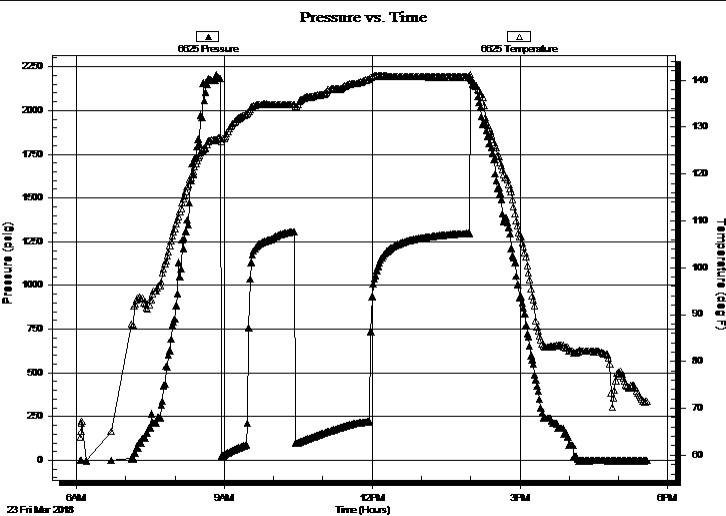
17/2s/37w Cheyenne KS
Park University#1-17
Job Ticket: 63373 **DST#: 2**
Test Start: 2018.03.23 @ 06:05:00

GENERAL INFORMATION:

Formation: **Lans. "A"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:56:15
Time Test Ended: 17:34:45
Interval: **4280.00 ft (KB) To 4370.00 ft (KB) (TVD)**
Total Depth: 4370.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 83
Reference Elevations: 3402.00 ft (KB)
3394.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6625 **Inside**
Press@RunDepth: psig @ 4281.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2018.03.23 End Date: 2018.03.23 Last Calib.: 2018.03.23
Start Time: 06:05:05 End Time: 17:34:45 Time On Btm:
Time Off Btm:

TEST COMMENT: 30 - IF: Blow built to 8"
60 - IS: Blow built 1/4", then died back
90 - FF: Blow built to BOB (11") at 46 min., built to 20 1/2"
120 - FS: Blow built 2 1/2"



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
385.00	GOCM 49% <i>m</i> , 32% <i>o</i> , 19% <i>g</i>	1.89
75.00	SMCGO 82% <i>o</i> , 10% <i>g</i> , 8% <i>m</i>	0.37
35.00	CO 98% <i>o</i> , 2% <i>g</i>	0.45
0.00	GIP = 95' (w eak odor)	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco, LLC

17/2s/37w Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

Park University#1-17

Job Ticket: 63373

DST#: 2

ATTN: Bryan Bynog

Test Start: 2018.03.23 @ 06:05:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

28.8 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
385.00	GOCM 49% <i>m</i> , 32% <i>o</i> , 19% <i>g</i>	1.893
75.00	SMCGO 82% <i>o</i> , 10% <i>g</i> , 8% <i>m</i>	0.369
35.00	CO 98% <i>o</i> , 2% <i>g</i>	0.455
0.00	GIP = 95' (weak odor)	0.000

Total Length: 495.00 ft Total Volume: 2.717 bbl

Num Fluid Samples: 0

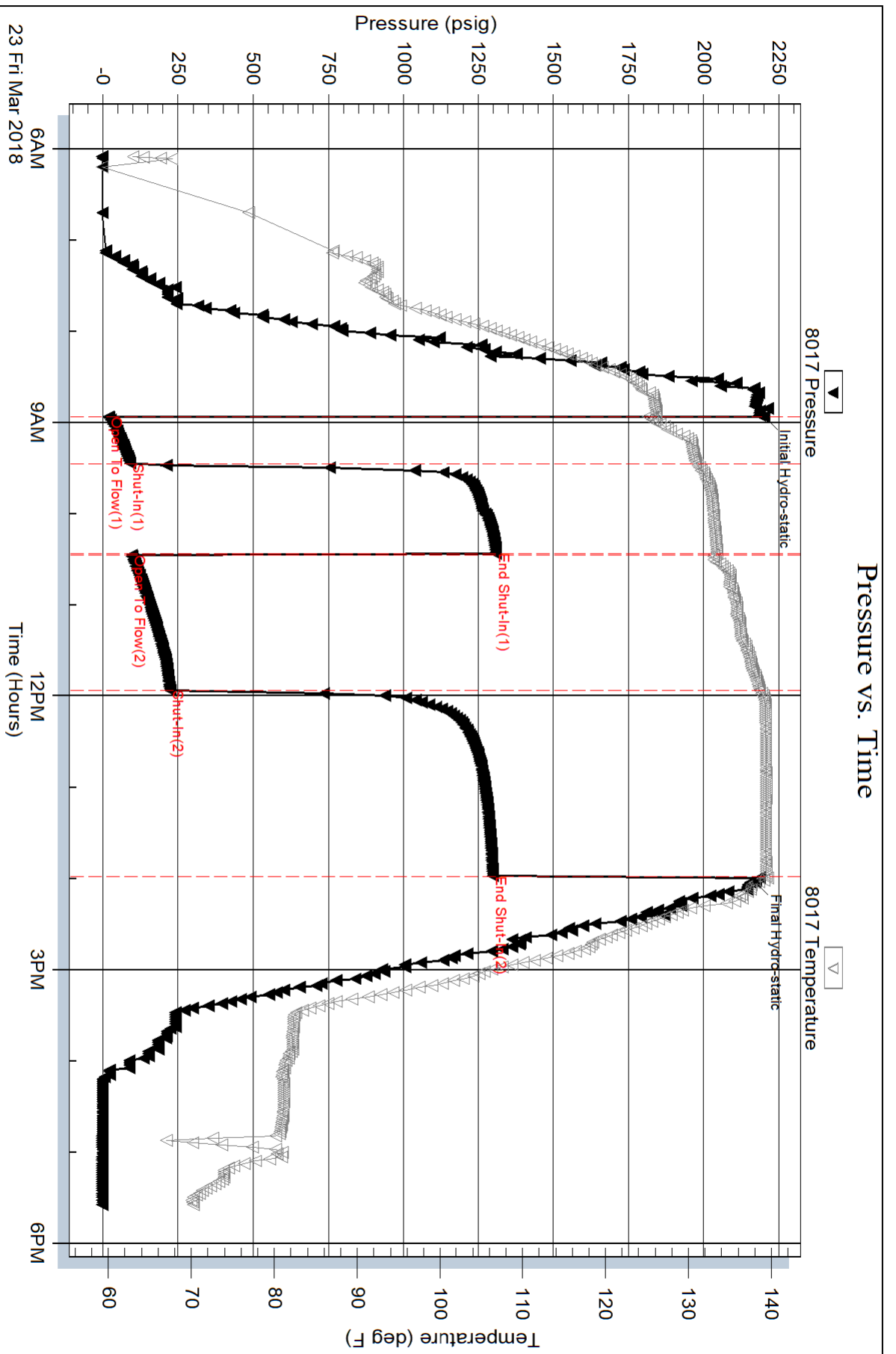
Num Gas Bombs: 0

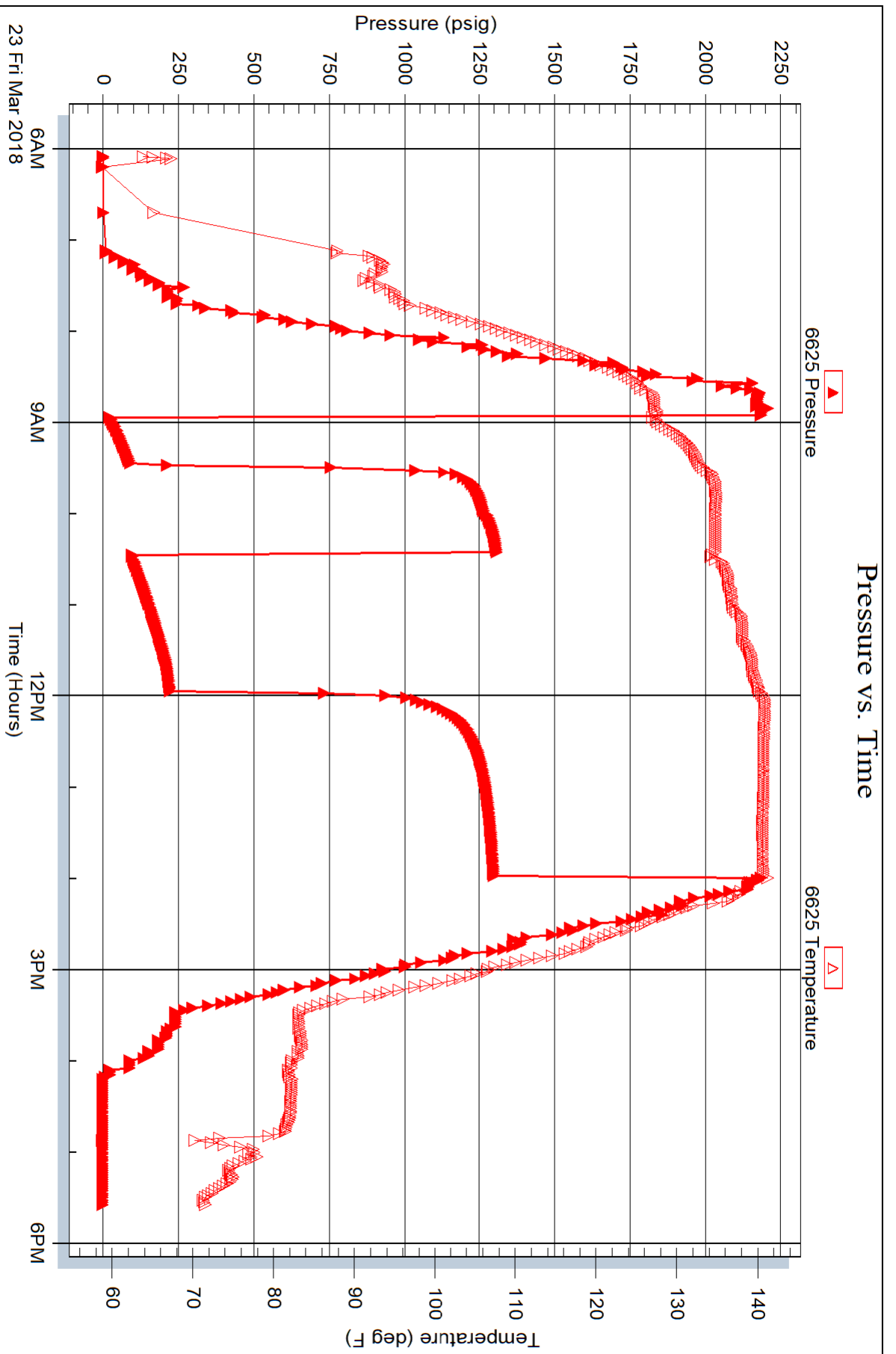
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity = 30.4 api @ 76 deg F
Corrected Gravity = 28.8 api







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco, LLC

17/2s/37w Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

Park University#1-17

ATTN: Bryan Bynog

Job Ticket: 63374

DST#: 3

Test Start: 2018.03.24 @ 05:48:00

GENERAL INFORMATION:

Formation: **Lans. "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:05:30

Time Test Ended: 13:33:30

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 83

Interval: 4396.00 ft (KB) To 4430.00 ft (KB) (TVD)

Reference Elevations: 3402.00 ft (KB)

Total Depth: 4430.00 ft (KB) (TVD)

3394.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8017

Outside

Press@RunDepth: 19.56 psig @ 4397.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.03.24

End Date:

2018.03.24

Last Calib.:

2018.03.24

Start Time: 05:48:05

End Time:

13:33:29

Time On Btm:

2018.03.24 @ 08:05:15

Time Off Btm:

2018.03.24 @ 11:10:45

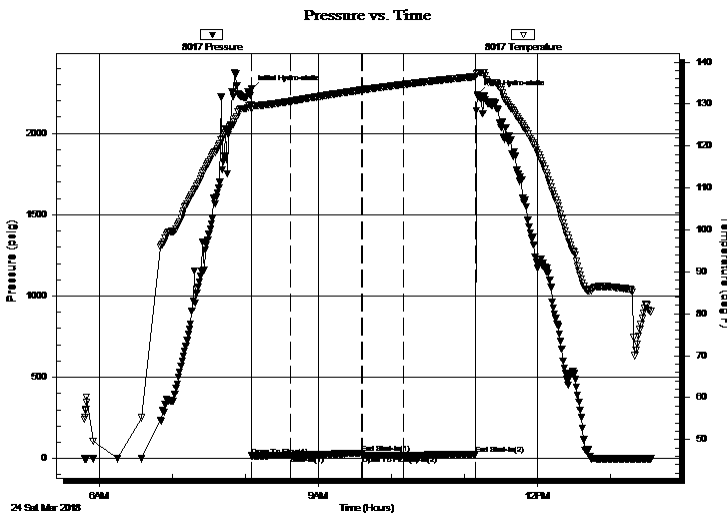
TEST COMMENT: 30 - IF: Blow built to 1/4", died back to surface blow

60 - IS: No blow back

30 - FF: No blow

60 - FS: No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2271.56	129.80	Initial Hydro-static
1	16.39	128.90	Open To Flow (1)
32	18.83	130.67	Shut-In(1)
91	33.02	133.35	End Shut-In(1)
91	18.81	133.35	Open To Flow (2)
125	19.56	134.67	Shut-In(2)
184	26.65	136.56	End Shut-In(2)
186	2239.07	137.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w /Oil spots 97%m, 3%o	0.02

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC
2020 N. Bramblewood
Wichita, KS 67206
ATTN: Bryan Bynog

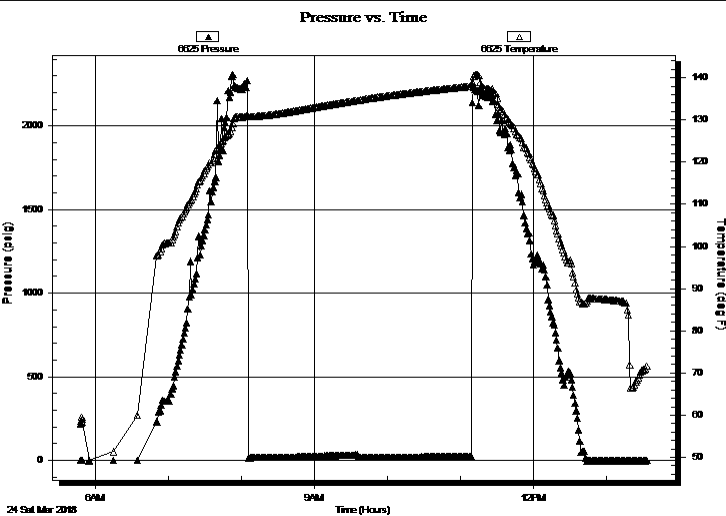
17/2s/37w Cheyenne KS
Park University#1-17
Job Ticket: 63374 **DST#: 3**
Test Start: 2018.03.24 @ 05:48:00

GENERAL INFORMATION:

Formation: Lans. "B"			
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)	
Time Tool Opened: 08:05:30		Tester: James Winder	
Time Test Ended: 13:33:30		Unit No: 83	
Interval: 4396.00 ft (KB) To 4430.00 ft (KB) (TVD)		Reference Elevations: 3402.00 ft (KB)	
Total Depth: 4430.00 ft (KB) (TVD)		3394.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition: Fair	KB to GR/CF: 8.00 ft	

Serial #: 6625	Inside				
Press@RunDepth:	psig @	4397.00 ft (KB)	Capacity:	8000.00 psig	
Start Date:	2018.03.24	End Date:	2018.03.24	Last Calib.:	2018.03.24
Start Time:	05:48:05	End Time:	13:33:44	Time On Btm:	
				Time Off Btm:	

TEST COMMENT: 30 - IF: Blow built to 1/4", died back to surface blow
60 - IS: No blow back
30 - FF: No blow
60 - FS: No blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w /Oil spots 97% _m , 3% _o	0.02

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco, LLC

17/2s/37w Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

Park University#1-17

Job Ticket: 63374

DST#: 3

ATTN: Bryan Bynog

Test Start: 2018.03.24 @ 05:48:00

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:

ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w /Oil spots 97% _m , 3% _o	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

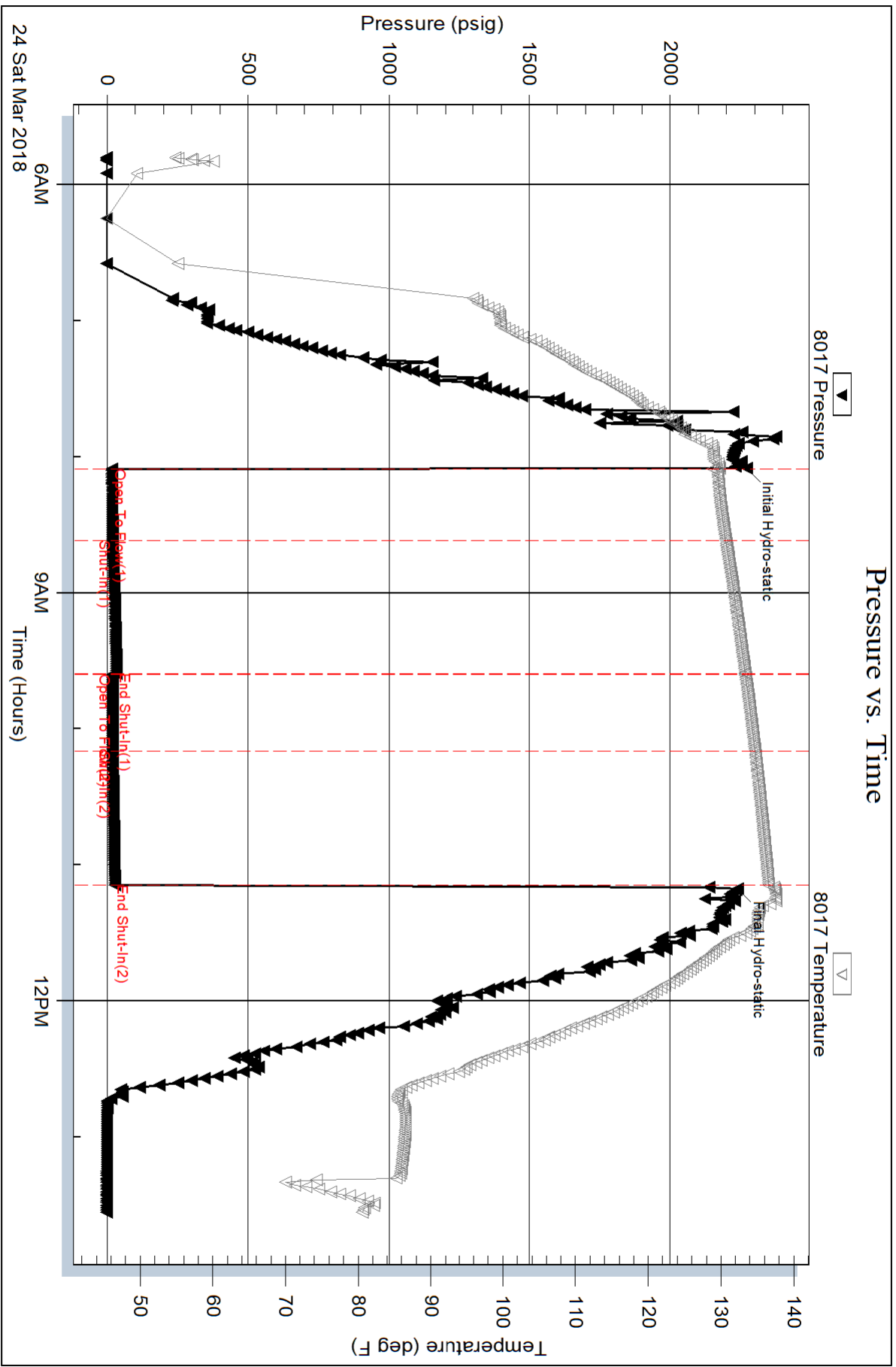
Num Gas Bombs: 0

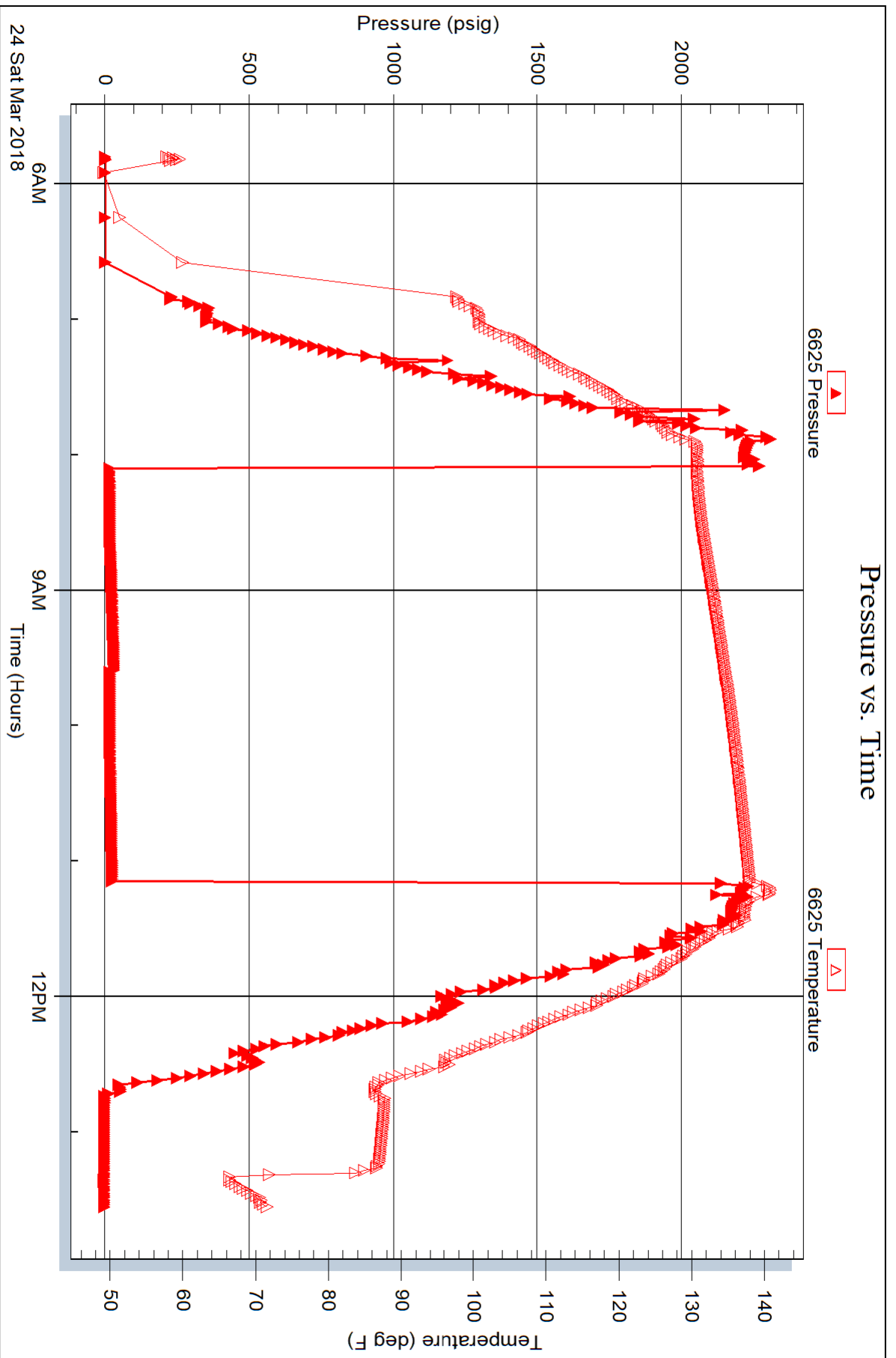
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC
 2020 N. Bramblewood
 Wichita, KS 67206
 ATTN: Bryan Bynog

17/2s/37w Cheyenne KS
Park University#1-17
 Job Ticket: 63375 **DST#: 4**
 Test Start: 2018.03.25 @ 05:20:00

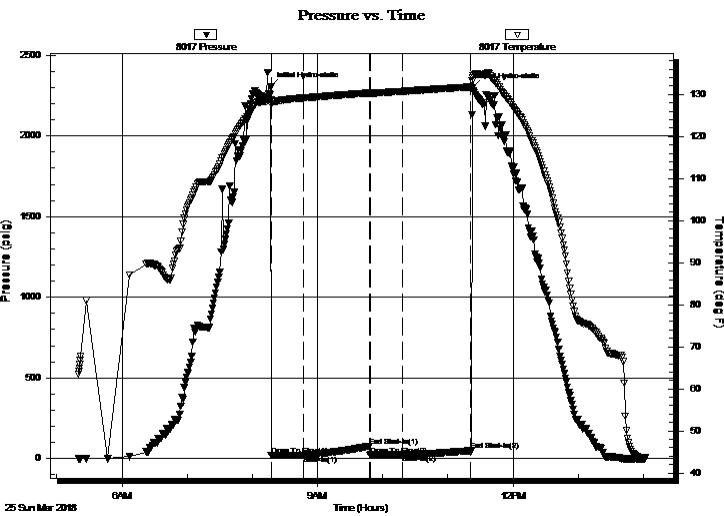
GENERAL INFORMATION:

Formation: **Lans. "C - D"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:17:15
 Time Test Ended: 14:01:45
 Interval: **4420.00 ft (KB) To 4520.00 ft (KB) (TVD)**
 Total Depth: 4520.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: James Winder
 Unit No: 83
 Reference Elevations: 3402.00 ft (KB)
 3394.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8017 Outside

Press@RunDepth: 23.31 psig @ 4421.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.03.25 End Date: 2018.03.25 Last Calib.: 2018.03.25
 Start Time: 05:20:05 End Time: 14:01:45 Time On Btm: 2018.03.25 @ 08:17:00
 Time Off Btm: 2018.03.25 @ 11:22:45

TEST COMMENT: 30 - IF: 1/4" Blow at open, died back to surface blow
 60 - IS: No blow back
 30 - FF: No blow
 60 - FS: No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2302.75	128.63	Initial Hydro-static
1	19.39	127.62	Open To Flow (1)
31	21.88	129.16	Shut-In(1)
91	77.84	130.34	End Shut-In(1)
92	22.06	130.32	Open To Flow (2)
121	23.31	130.74	Shut-In(2)
184	48.81	131.79	End Shut-In(2)
186	2296.23	133.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w /trace oil 100% m	0.05

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco, LLC

17/2s/37w Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

Park University#1-17

Job Ticket: 63375

DST#: 4

ATTN: Bryan Bynog

Test Start: 2018.03.25 @ 05:20:00

GENERAL INFORMATION:

Formation: **Lans. "C - D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:17:15

Time Test Ended: 14:01:45

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 83

Interval: **4420.00 ft (KB) To 4520.00 ft (KB) (TVD)**

Total Depth: 4520.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3402.00 ft (KB)

3394.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6625 Inside

Press@RunDepth: psig @ 4421.00 ft (KB)

Start Date: 2018.03.25 End Date: 2018.03.25

Start Time: 05:20:05 End Time: 14:02:00

Capacity: 8000.00 psig

Last Calib.: 2018.03.25

Time On Btm:

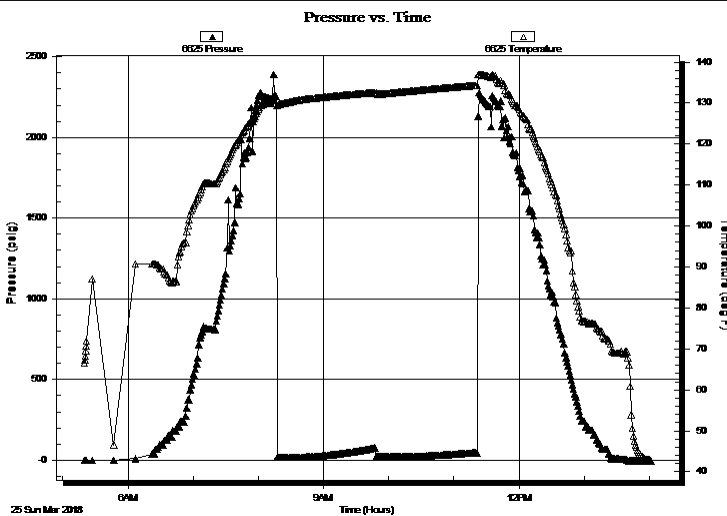
Time Off Btm:

TEST COMMENT: 30 - IF: 1/4" Blow at open, died back to surface blow

60 - IS: No blow back

30 - FF: No blow

60 - FS: No blow



PRESSURE SUMMARY

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

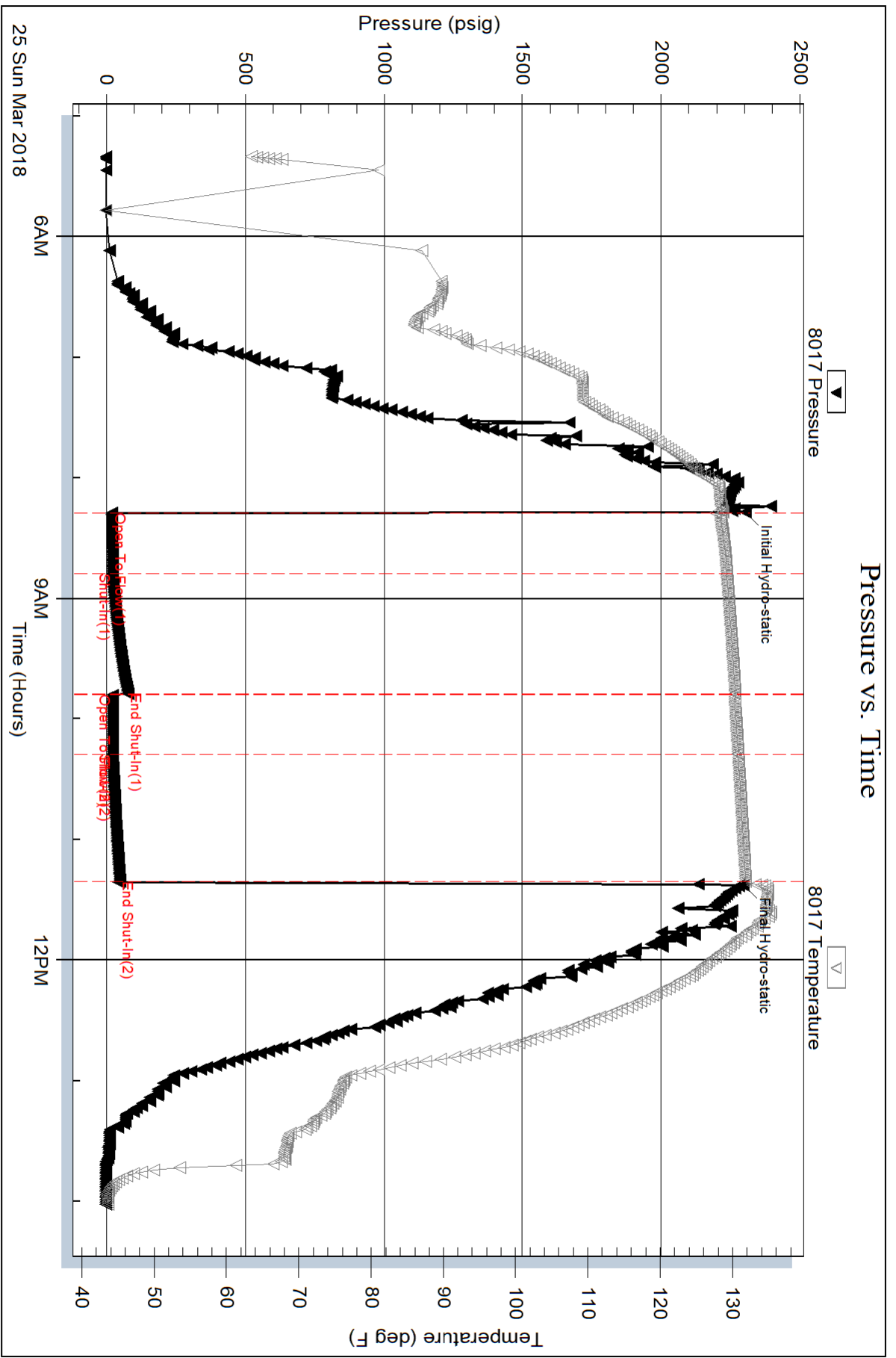
Recovery

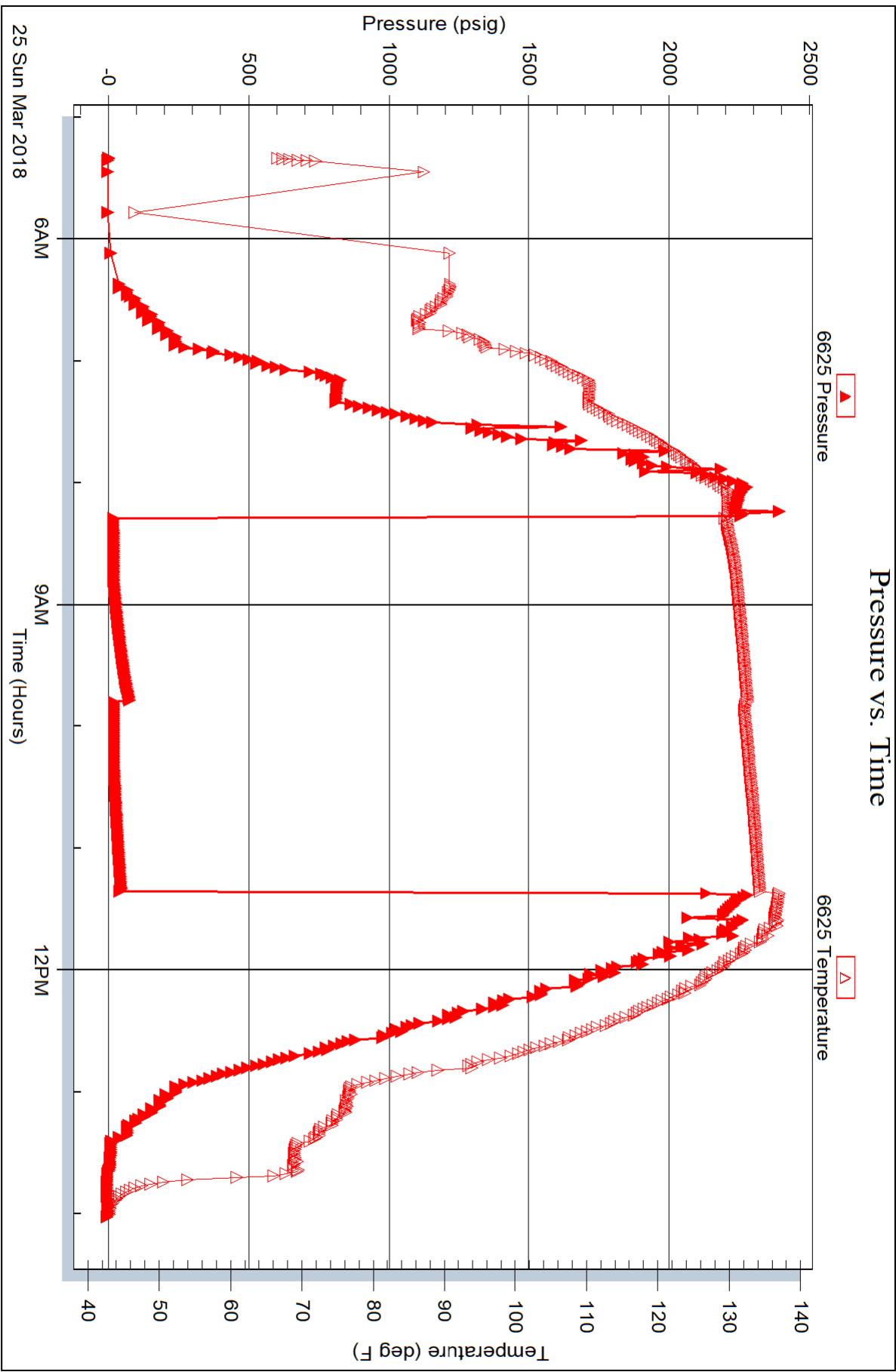
Length (ft)	Description	Volume (bbl)
10.00	Mud w /trace oil 100%m	0.05

Gas Rates

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

* Recovery from multiple tests







TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC
 2020 N. Bramblewood
 Wichita, KS 67206
 ATTN: Bryan Bynog

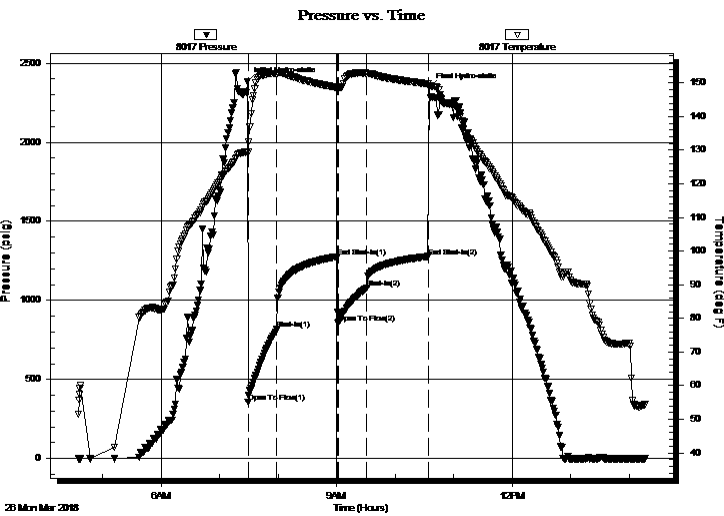
17/2s/37w Cheyenne KS
Park University#1-17
 Job Ticket: 63251 **DST#: 5**
 Test Start: 2018.03.26 @ 04:35:00

GENERAL INFORMATION:

Formation: **Lans. "E - F"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 07:28:45
 Tester: James Winder
 Time Test Ended: 14:16:15
 Unit No: 83
Interval: 4500.00 ft (KB) To 4600.00 ft (KB) (TVD)
 Reference Elevations: 3402.00 ft (KB)
 Total Depth: 4600.00 ft (KB) (TVD)
 3394.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 8.00 ft

Serial #: 8017 Outside
 Press@RunDepth: 1078.49 psig @ 4501.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.03.26 End Date: 2018.03.26 Last Calib.: 2018.03.26
 Start Time: 04:35:05 End Time: 14:16:15 Time On Btm: 2018.03.26 @ 07:28:15
 Time Off Btm: 2018.03.26 @ 10:34:30

TEST COMMENT: 30 - IF: Blow built to BOB (11") at 1 min., built to 176"
 60 - IS: No blow back
 30 - FF: Blow built to BOB at 2 1/4 min., built to 90"
 60 - FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2382.19	129.62	Initial Hydro-static
1	355.76	129.41	Open To Flow (1)
30	815.60	152.82	Shut-In(1)
93	1276.75	148.59	End Shut-In(1)
93	858.10	148.38	Open To Flow (2)
123	1078.49	152.74	Shut-In(2)
186	1277.93	149.77	End Shut-In(2)
187	2346.62	149.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
975.00	SMCW 95%w, 5%m	9.43
435.00	MCW 90%w, 10%m	6.10
690.00	MCW 65%w, 35%m	9.68
375.00	WCM 90%m, 10%w	5.26

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco, LLC

17/2s/37w Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

Park University#1-17

Job Ticket: 63251

DST#: 5

ATTN: Bryan Bynog

Test Start: 2018.03.26 @ 04:35:00

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:

28000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
975.00	SMCW 95%w , 5%m	9.432
435.00	MCW 90%w , 10%m	6.102
690.00	MCW 65%w , 35%m	9.679
375.00	WCM 90%m, 10%w	5.260

Total Length: 2475.00 ft Total Volume: 30.473 bbl

Num Fluid Samples: 0

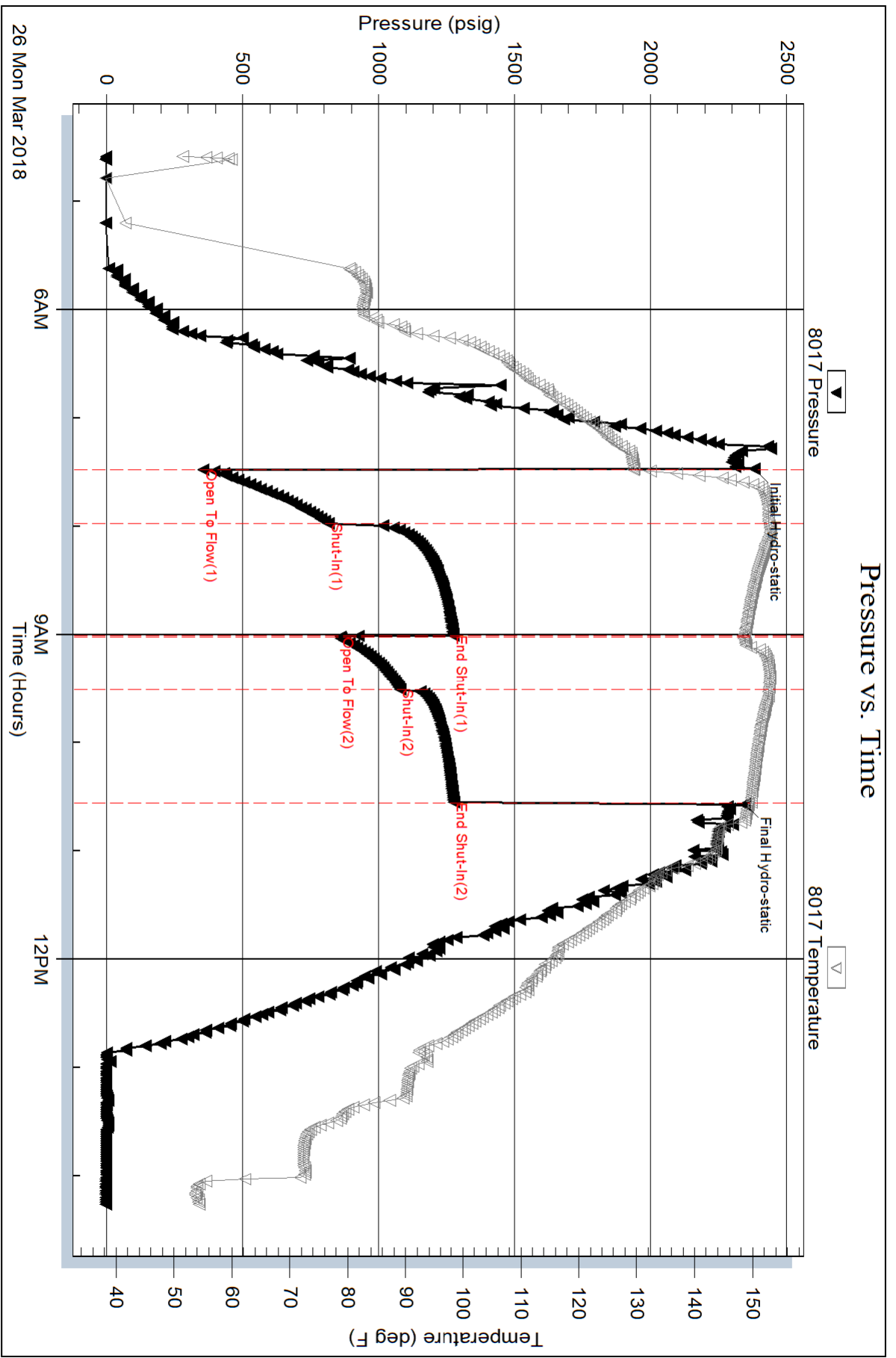
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .380 ohms @ 44.6 deg F Chlorides = 28,000 ppm



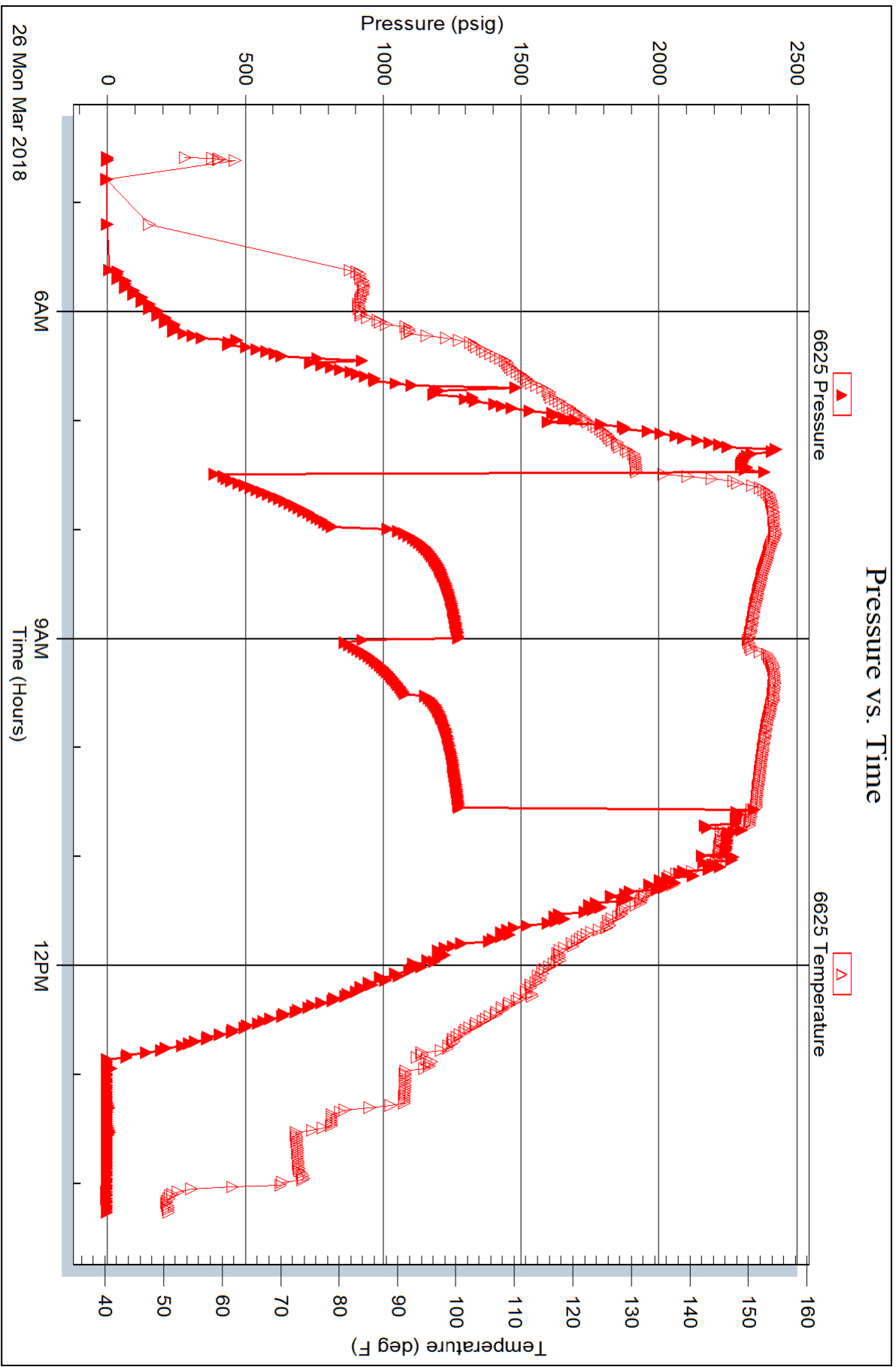
Serial #: 6625

Inside

Berexco, LLC

Park University#1-17

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 63251

Printed: 2018.03.26 @ 14:33:36



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco, LLC
2020 N. Bramblewood
Wichita, KS 67206
ATTN: Bryan Bynog

17/2s/37w Cheyenne KS
Park University#1-17
Job Ticket: 63252 **DST#: 6**
Test Start: 2018.03.27 @ 17:19:00

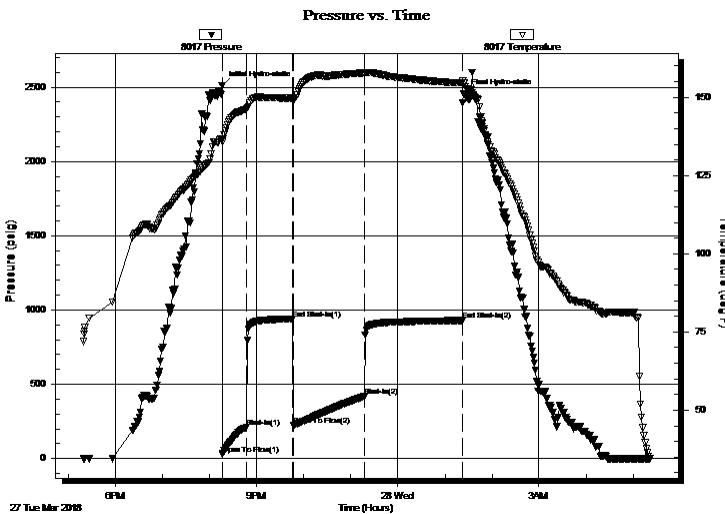
GENERAL INFORMATION:

Formation: **Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:16:00
Time Test Ended: 05:21:45
Interval: **4800.00 ft (KB) To 4830.00 ft (KB) (TVD)**
Total Depth: 4830.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 83
Reference Elevations: 3402.00 ft (KB)
3394.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8017 Outside
Press@RunDepth: 417.17 psig @ 4801.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2018.03.27 End Date: 2018.03.28 Last Calib.: 2018.03.28
Start Time: 17:19:05 End Time: 05:21:45 Time On Btm: 2018.03.27 @ 20:15:45
Time Off Btm: 2018.03.28 @ 01:24:30

TEST COMMENT: 30 - IF: 1/2" Blow at open, built to BOB (11") at 10 min., built to 34"
60 - IS: Blow built 11 3/4"
90 - FF: Blow built to BOB at 15 min., built to 89"
120 - FS: Blow built 2 3/4" then died back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2509.60	136.80	Initial Hydro-static
1	27.16	135.68	Open To Flow (1)
31	208.67	146.31	Shut-In(1)
90	941.26	149.63	End Shut-In(1)
91	223.92	149.40	Open To Flow (2)
181	417.17	157.76	Shut-In(2)
307	929.03	154.59	End Shut-In(2)
309	2459.44	154.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCGO 46%g, 39%o, 15%m	0.59
346.00	SMCGO 83%o, 12%g, 5%m	1.72
124.00	MCGO 66%o, 22%m, 12%g	1.74
450.00	CGO 83%o, 17%g	6.31
0.00	GIP = ??	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco, LLC

17/2s/37w Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

Park University#1-17

ATTN: Bryan Bynog

Job Ticket: 63252

DST#: 6

Test Start: 2018.03.27 @ 17:19:00

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:16:00

Time Test Ended: 05:21:45

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 83

Interval: 4800.00 ft (KB) To 4830.00 ft (KB) (TVD)

Reference Elevations: 3402.00 ft (KB)

Total Depth: 4830.00 ft (KB) (TVD)

3394.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6625 Inside

Press@RunDepth: psig @ 4801.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.03.27

End Date:

2018.03.28

Last Calib.:

2018.03.28

Start Time: 17:19:05

End Time:

05:22:15

Time On Btm:

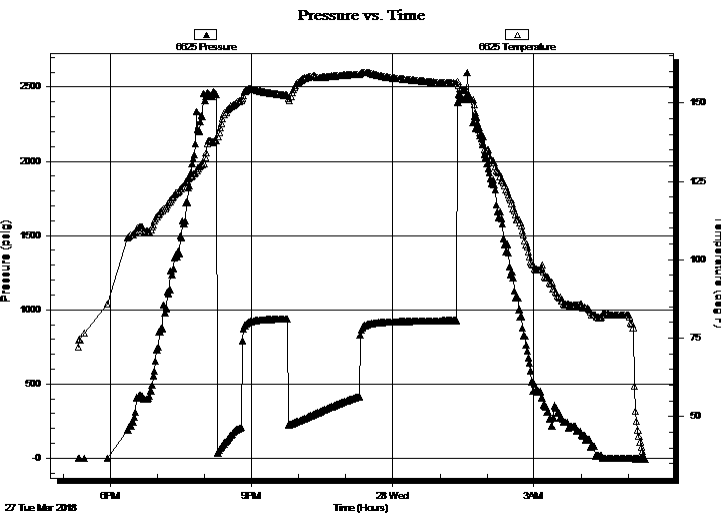
Time Off Btm:

TEST COMMENT: 30 - IF: 1/2" Blow at open, built to BOB (11") at 10 min., built to 34"

60 - IS: Blow built 11 3/4"

90 - FF: Blow built to BOB at 15 min., built to 89"

120 - FS: Blow built 2 3/4" then died back



PRESSURE SUMMARY

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

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
120.00	MCGO 46%g, 39%o, 15%m	0.59
346.00	SMCGO 83%o, 12%g, 5%m	1.72
124.00	MCGO 66%o, 22%m, 12%g	1.74
450.00	CGO 83%o, 17%g	6.31
0.00	GIP = ??	0.00

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco, LLC

17/2s/37w Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

Park University#1-17

Job Ticket: 63252

DST#: 6

ATTN: Bryan Bynog

Test Start: 2018.03.27 @ 17:19:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

28.2 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MCGO 46%g, 39%o, 15%m	0.590
346.00	SMCGO 83%o, 12%g, 5%m	1.720
124.00	MCGO 66%o, 22%m, 12%g	1.739
450.00	CGO 83%o, 17%g	6.312
0.00	GIP = ??	0.000

Total Length: 1040.00 ft Total Volume: 10.361 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

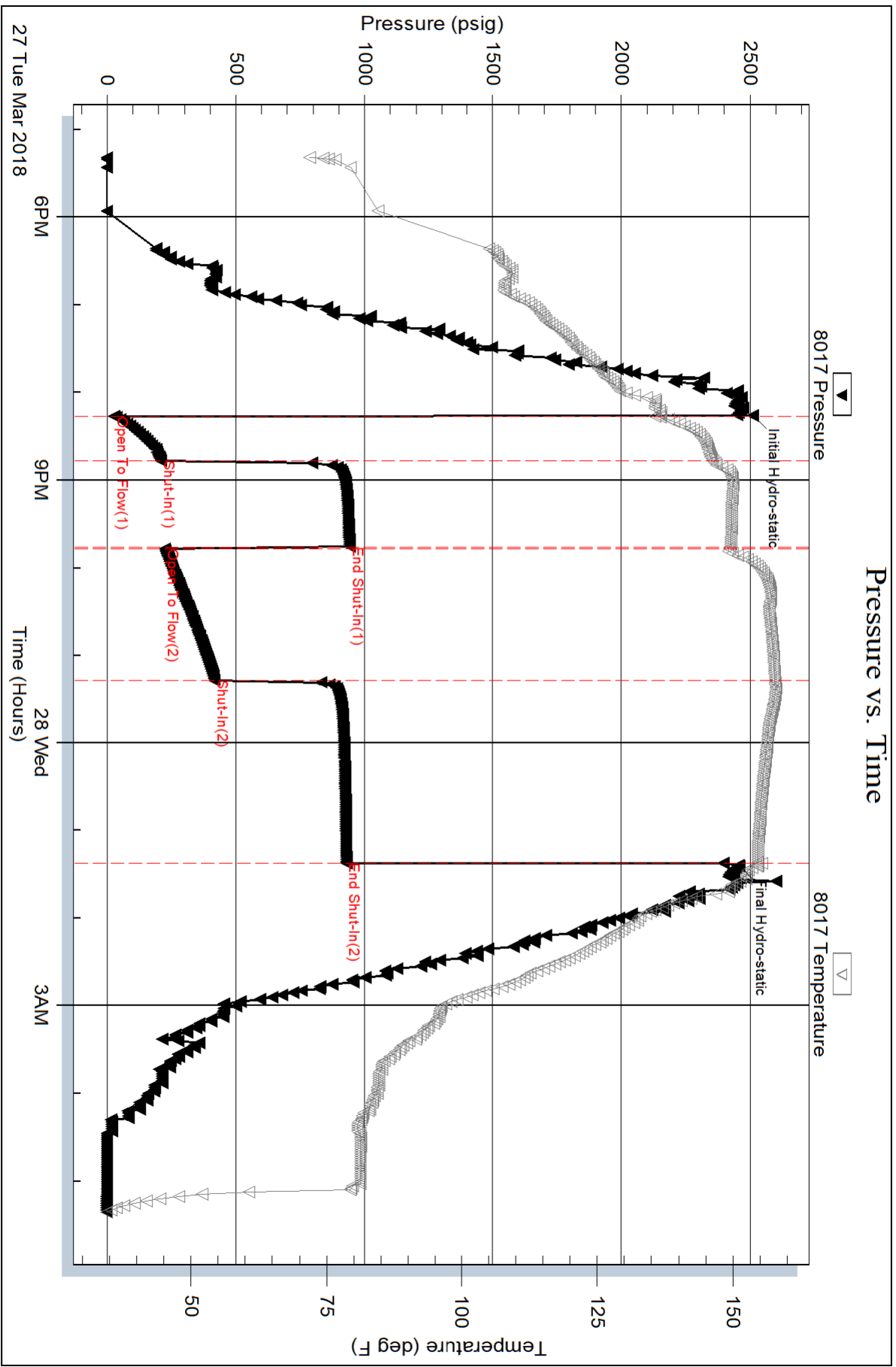
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity = 25.6 api @ 34 deg F Corrected Gravity = 28.2 api

GIP = ?? - I couldn't tell w here it started - very weak odor -



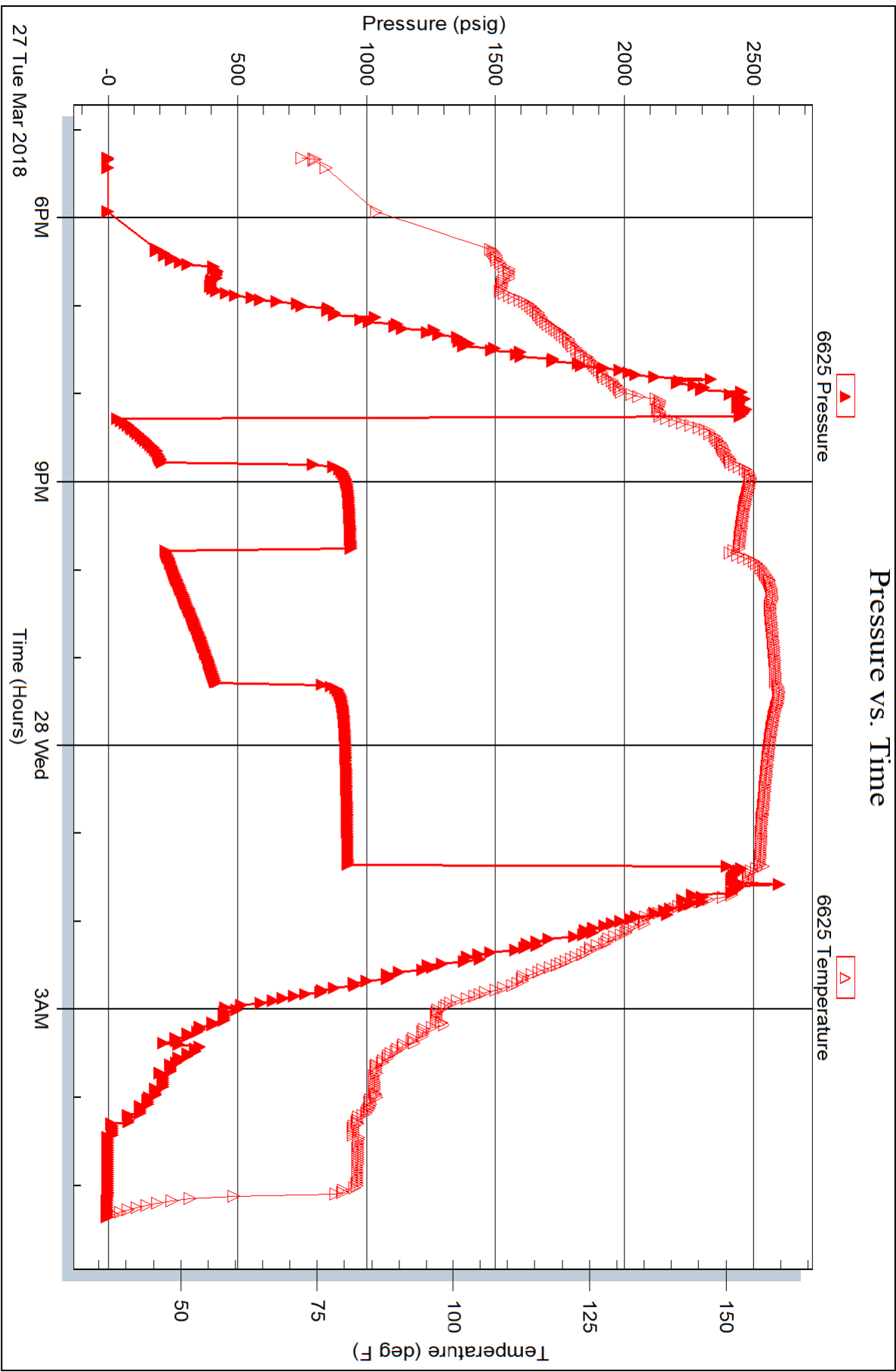
Serial #: 6625

Inside

Berexco, LLC

Park University#1-17

DST Test Number: 6





REMIT TO
 QES Pressure Pumping LLC
 Dept:970
 P.O.Box 4346
 Houston, TX 77210-4346

MAR 23 2018 MAIN OFFICE

P.O.Box884
 Chanute, KS 66720
 620/431-9210, 1-800/467-8676
 Fax 620/431-0012

Invoice

Invoice# 812676

Invoice Date: 03/20/18

Terms: Net 30

Page 1

BEREXCO, LLC
 2020 N. Bramblewood Street
 Wichita KS 67206
 USA
 3162653311

PARK UNIVERSITY 1-17

RECEIVED
APR 01 2018

ENTERED

Tax: 437.58

Total: 8,227.74

amt 8 5/8" surf asg

R/R/R

CORP 333 GL DATE: 1803
 GLMAJR: 2090 GLMINR: 1000
 A/C: _____ ENTITY: 1388601
 VIP # 13005 C BY HC R BY _____
 DESC: _____

Mar. 19. 2018. 3:42AM



PRESSURE PUMPING LLC
PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

No. 0536 P. 4

TICKET NUMBER 55050

LOCATION Oakley, KS

FOREMAN Miles Shaw

FIELD TICKET & TREATMENT REPORT
CEMENT

Invoice # 812676

US

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-16-18	1707	Park University 1-17	17	2 S	37 W	Cherokee
CUSTOMER Borexco			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 2020 N. Bramblewood Street			753	Transw		
CITY Wichita			1772/T-127	Paul W		
STATE KS						
ZIP CODE 67206						

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 342 CASING SIZE & WEIGHT 5 7/8" 20#
 CASING DEPTH 342 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 148 SLURRY VOL 1.36 WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 20.25bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meetings and Rig up on Borexco drilling. Circulate casing mix 330 sv Surface blend II Class A Cement w/ 3% Calceum 20 gel displacer 20% bbls water shut in Cement did circulate 4bbls top it

Thanks Miles Shaw

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0471	1	PUMP CHARGE	1150. ⁰⁰	1150. ⁰⁰
CE0002	85	MILEAGE	7.15	607.75
CE0710	15.51 TONS	Ton mitigation delivery	1.75	2307.11
CC5871	330 sv	Surface blend II	24. ⁰⁰	7920. ⁰⁰
			Subtotal	11984.86
			less 35% discount	4194.70
			Subtotal	7790.16
			SALES TAX 8.5%	437.58
			ESTIMATED TOTAL	8227.74

Revin 3737

AUTHORIZATION Walt Brown TITLE Tool Pusher DATE 3/16/18

Received Time Mar. 19. 2018 3:42AM No. 2207 amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this fo



REMIT TO
QES Pressure Pumping LLC
Dept:970
P.O.Box 4346
Houston, TX 77210-4346

APR 05 2018 MAIN OFFICE

P.O.Box884
Chanute,KS 66720
620/431-9210,1-800/467-8676
Fax 620/431-0012

Invoice Invoice# 812798

Invoice Date: 03/31/18 Terms: Net 30 Page 1

BEREXCO, LLC
2020 N. Bramblewood Street
Wichita KS 67206
USA
3162653311

Park University 1-17

RECEIVED
APR 10 2018

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0453	Cement Pump Charge 4001' - 5000'	1.000	2,800.0000	35.000	1,820.00
CE0002	Equipment Mileage Charge - Heavy Equipment	85.000	7.1500	35.000	395.04
CE0710	Cement Delivery Charge	2,862.800	1.7500	35.000	3,256.44
CC5831	Lite-Weight Blend VII (60:40:8)	450.000	17.5000	35.000	5,118.75
CC5862	ThixoBlend III	300.000	26.0000	35.000	5,070.00
CC6075	Celloflake	338.000	3.0000	35.000	659.10
CC6077	Kolseal	1,500.000	0.5000	35.000	487.50
CC6125	Mud Flush, Viscous	500.000	0.6500	35.000	211.25
CP8254	5 1/2" Latch Down Plug & Assembly	1.000	400.0000	35.000	260.00
CP8485	5 1/2" Float Shoe, AFU	1.000	585.0000	35.000	380.25
CP8554	5 1/2" Centralizer	20.000	81.0000	35.000	1,053.00
CP8629	5 1/2" Basket	1.000	385.0000	35.000	250.25
CP8678	8 5/8" Scratcher	30.000	75.0000	35.000	1,462.50

CORP 333 GL DATE: 1803
 CLMAJR: 2356 CLMINR: 7000
 A/C: _____ IDENTITY: 1388601
 V/P #: 13005 C BY: g/c R BY: _____
 DESC: _____

Subtotal 31,421.65
 Discounted Amount 10,997.58
 SubTotal After Discount 20,424.07
 Amount Due 33,376.99 If paid after 04/30/18



amt 5 1/2" prod. csq
ACP

Tax: 1,270.97
 Total: 21,695.05

RRR



PRESSURE PUMPING LLC
 PO Box 884, Chanute, KS 66720
 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
 CEMENT

TICKET NUMBER 55111

LOCATION Oakley KS

FOREMAN Miles Shaw

Invoice # 812798

10341
 10232

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
3-28-18	1707	Park University 1-17	17	25	37W	Cherokee	
CUSTOMER <u>Berexco</u>			Bred City West of US				
MAILING ADDRESS <u>2020 N. Bramblewood Street</u>			N. W. CRU				
CITY <u>Wichita</u>			11N				
STATE <u>KS</u>			1/2 East				
ZIP CODE <u>67206</u>							
TRUCK #		DRIVER		TRUCK #		DRIVER	
<u>753</u>		<u>Travis W</u>					
<u>772/1-12</u>		<u>Paul W</u>					
<u>830/1-12</u>		<u>Keith C</u>					

JOB TYPE 10m strings HOLE SIZE 7 7/8" HOLE DEPTH 4950 CASING SIZE & WEIGHT 5.5" 15.5
 CASING DEPTH 4935' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 122/142 SLURRY VOL 1.9/1.42 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 110615 DISPLACEMENT PSI 3000 MIX PSI _____ RATE _____

REMARKS: Safety markings and hrs up on Berexco drilling Rig #2 float equipment Centralizer on joints # 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 Bas Notes on set # 43, 30 scratcher on 15' 15' sets Run in 118' sets Circulate casing the mix 4800x lite-weight blend III 60/40 88sol 3/4" Pluseal failed in with 3vixs Oar 5" Volsal Thixobland III. Shut down clear Pump & hrs release plug displace 100 bbls water with 2000 psi lift. Plus 700 bbls. Plus plug didn't flow Rig ran out of water. They were reminded to fill the tank and we ran out. Cement did circulate 156 bbls to pit.

R# 305x 14# 205x Thanks Miles & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0453	1	PUMP CHARGE	2800.00	2800.00
CE0002	85	MILEAGE	7.15	607.75
CE0710	33.68 ton	Ton mileage delivery	1.75	589.90
CC5831	450 SX	lite-weight blend III	17.50	7875.00
CC5862	300 SX	Thixobland III	26.00	7800.00
CC6075	338 #	Cello/Loke/Pluseal	3.00	1014.00
CC6077	1500 #	Volsal	.50	750.00
CC6125	500 gal	Mud Flush	1.65	325.00
CP8254	1	5/2" latchdown plug & assembly	400.00	400.00
CP8495	1	5/2" Float Shoe AFU	585.00	585.00
CP8554	20	5/2" Centralizer	91.00	1820.00
CP8629	1	5/2" Basket	385.00	385.00
CP8678	30	5/2" Scratchers	75.00	2250.00
			Subtotal	31421.65
			less 358 dis count	10997.57
			Subtotal	20424.08
			SALES TAX	1270.97
			ESTIMATED TOTAL	21,695.05

14123
 14124

Ravin 9737 AUTHORIZATION [Signature] TITLE _____ DATE 3/29

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

STATE OF KANSAS



CORPORATION COMMISSION
CONSERVATION DIVISION
266 N. MAIN ST., STE. 220
WICHITA, KS 67202-1513

PHONE: 316-337-6200
FAX: 316-337-6211
<http://kcc.ks.gov/>

GOVERNOR JEFF COLYER, M.D.

SHARI FEIST ALBRECHT, CHAIR | JAY SCOTT EMLER, COMMISSIONER | DWIGHT D. KEEN, COMMISSIONER

July 18, 2018

Rodney Reynolds
BEREXCO LLC
2020 N. BRAMBLEWOOD
WICHITA, KS 67206-1094

Re: ACO-1
API 15-023-21478-00-00
PARK UNIVERSITY 1-17
SW/4 Sec.17-02S-37W
Cheyenne County, Kansas

Dear Rodney Reynolds:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 03/16/2018 and the ACO-1 was received on July 18, 2018 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department