

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 Recompletion Date _____ 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
--	---

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
---	---	------------------------------------

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:	
----------------	-------	---------	------------	--

Form	ACO1 - Well Completion
Operator	Fossil Resources LLC
Well Name	NELSON 2
Doc ID	1313174

All Electric Logs Run

Sonic
Micro
DIL
CND
CBL

Form	ACO1 - Well Completion
Operator	Fossil Resources LLC
Well Name	NELSON 2
Doc ID	1313174

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
6	3942-46	250 gal 10% Acetic/250 gal INS 15% w/ claystay	3942
4	4075-79 / 4081-83	250 gal 15% INS/1500 gal 28% NEFE	4075
6	4202-08	250 gal 15% MCA/1500 gal 20% NEFE	4202



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Fossil Resources, LLC

33 12s 36w Logan, Ks

11 W 36th St.
Hays, Ks 67601

Nelson #2

Job Ticket: 65528

DST#: 1

ATTN: Lyle Herrman

Test Start: 2016.06.19 @ 21:36:00

GENERAL INFORMATION:

Formation: **LKC - C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:34:00

Time Test Ended: 05:20:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: 3886.00 ft (KB) To 3910.00 ft (KB) (TVD)

Reference Elevations: 3071.00 ft (KB)

Total Depth: 3910.00 ft (KB) (TVD)

3063.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8845 Outside

Press@RunDepth: 202.01 psig @ 3887.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.06.19

End Date: 2016.06.20

Last Calib.: 2016.06.20

Start Time: 21:36:05

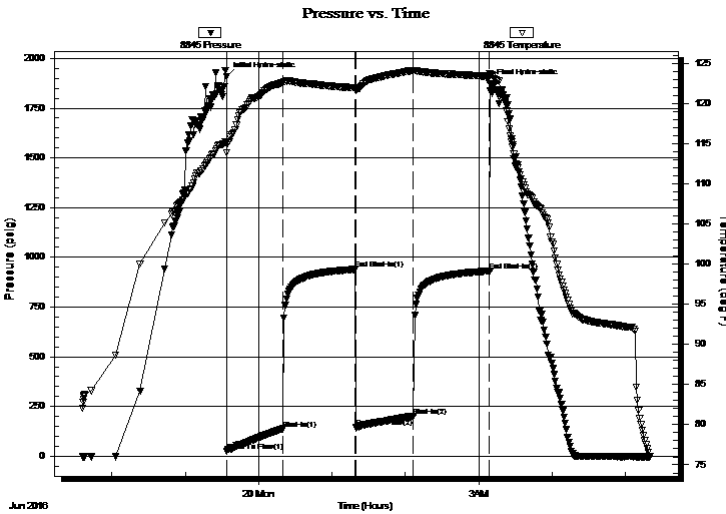
End Time: 05:20:29

Time On Btm: 2016.06.19 @ 23:33:45

Time Off Btm: 2016.06.20 @ 03:09:00

TEST COMMENT: IF: 4 1/2" blow .
IS: No return.
FF: 4 " blow .
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1910.29	115.09	Initial Hydro-static
1	23.85	113.85	Open To Flow (1)
46	137.85	122.55	Shut-In(1)
106	939.42	121.97	End Shut-In(1)
106	143.72	121.57	Open To Flow (2)
153	202.01	124.02	Shut-In(2)
215	931.11	123.31	End Shut-In(2)
216	1874.97	123.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
400.00	mcw 25m 75w (less than 1% oil)	3.53

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Fossil Resources, LLC

11 W 36th St.
Hays, Ks 67601

ATTN: Lyle Herrman

33 12s 36w Logan, Ks

Nelson #2

Job Ticket: 65528

DST#: 1

Test Start: 2016.06.19 @ 21:36:00

GENERAL INFORMATION:

Formation: **LKC - C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:34:00

Time Test Ended: 05:20:30

Interval: **3886.00 ft (KB) To 3910.00 ft (KB) (TVD)**

Total Depth: 3910.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Reference Elevations: 3071.00 ft (KB)

3063.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8365

Inside

Press@RunDepth: psig @ 3887.00 ft (KB)

Start Date: 2016.06.19

End Date:

2016.06.20

Start Time: 21:36:05

End Time:

05:20:29

Capacity: 8000.00 psig

Last Calib.: 2016.06.20

Time On Btm:

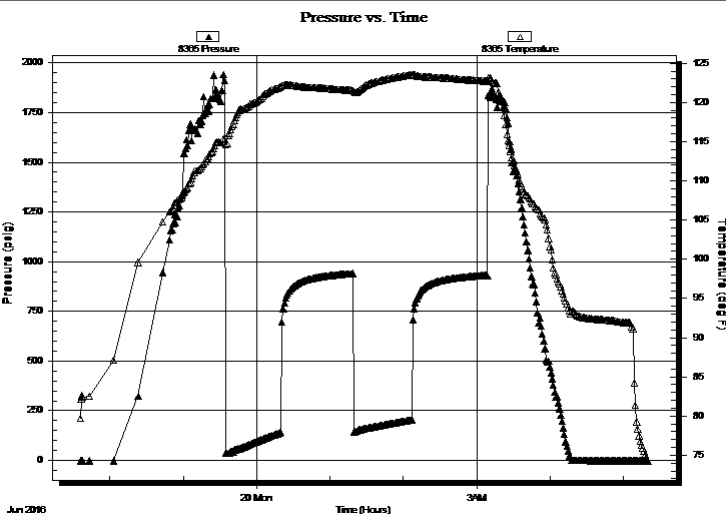
Time Off Btm:

TEST COMMENT: IF: 4 1/2" blow .

IS: No return.

FF: 4 " blow .

FS: No return.



PRESSURE SUMMARY

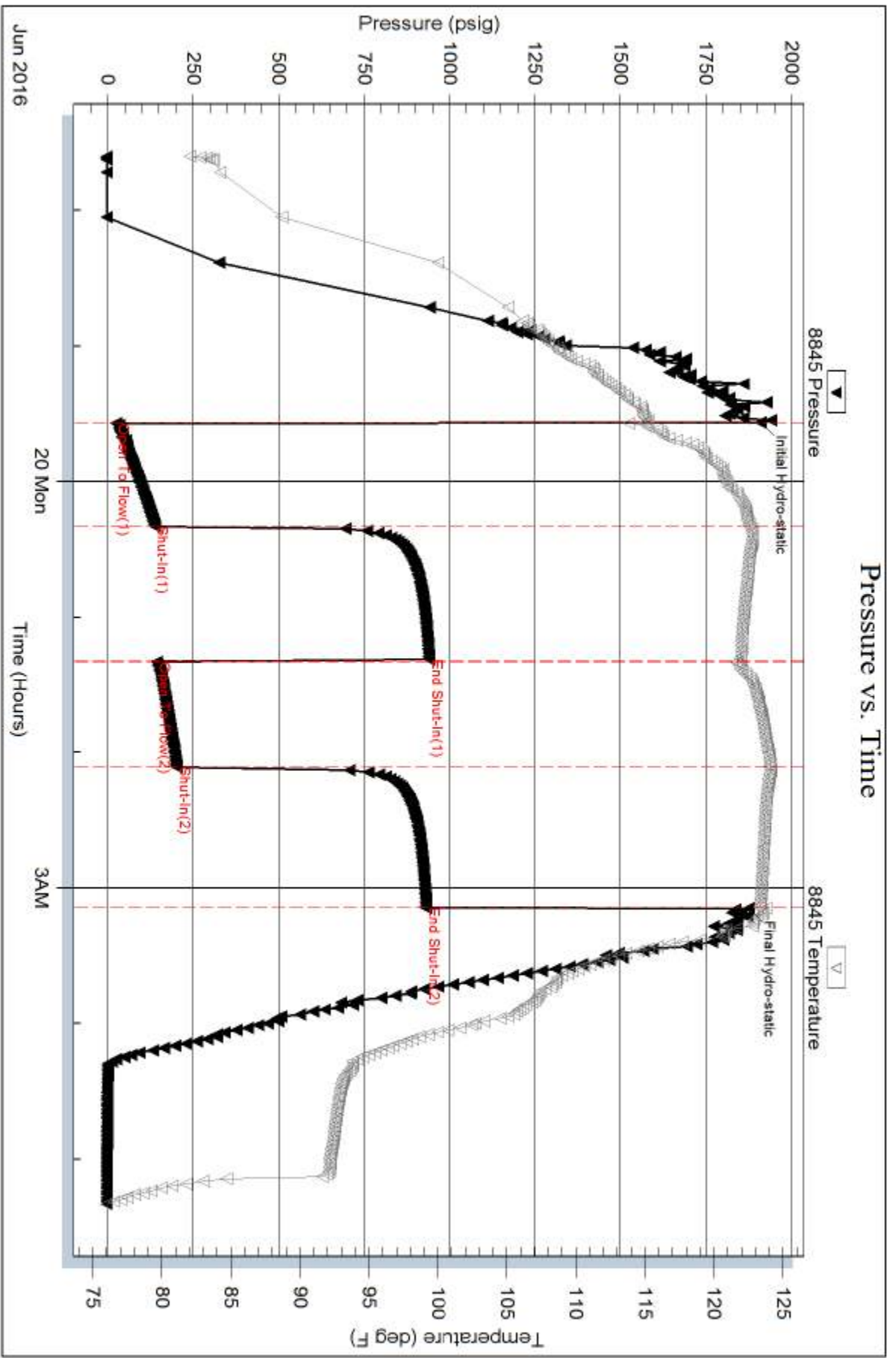
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

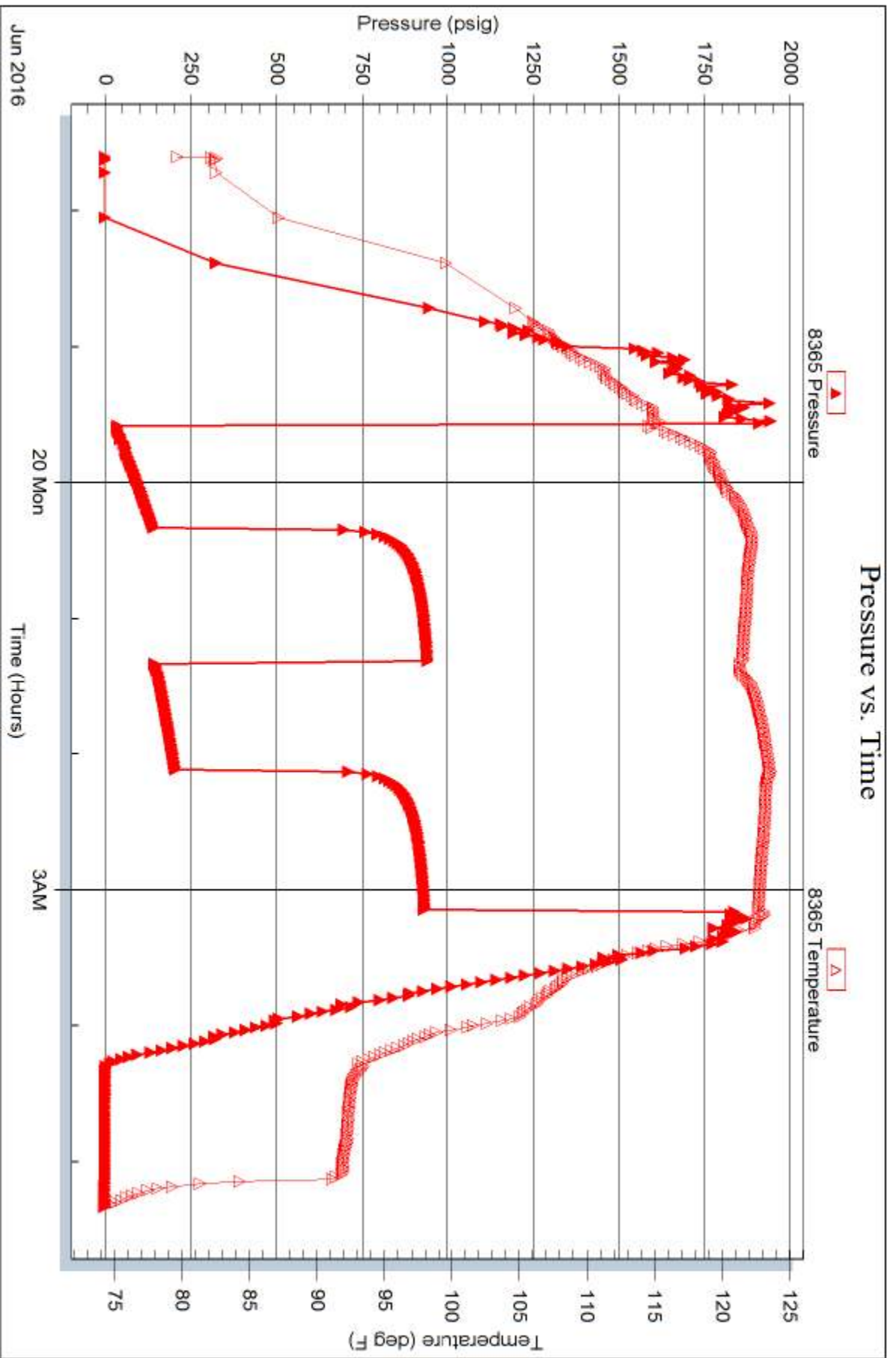
Recovery

Length (ft)	Description	Volume (bbl)
400.00	mcw 25m 75w (less than 1% oil)	3.53

Gas Rates

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







**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Fossil Resources, LLC

33 12s 36w Logan, Ks

11 W 36th St.
Hays, Ks 67601

Nelson #2

Job Ticket: 65529

DST#: 2

ATTN: Lyle Herrman

Test Start: 2016.06.20 @ 12:36:00

GENERAL INFORMATION:

Formation: **LLKC - D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:14:45

Time Test Ended: 20:44:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 3910.00 ft (KB) To 3925.00 ft (KB) (TVD)

Reference Elevations: 3071.00 ft (KB)

Total Depth: 3925.00 ft (KB) (TVD)

3063.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8845 Outside

Press@RunDepth: 794.75 psig @ 3911.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.06.20

End Date:

2016.06.20

Last Calib.:

2016.06.20

Start Time: 12:36:05

End Time:

20:44:44

Time On Btm:

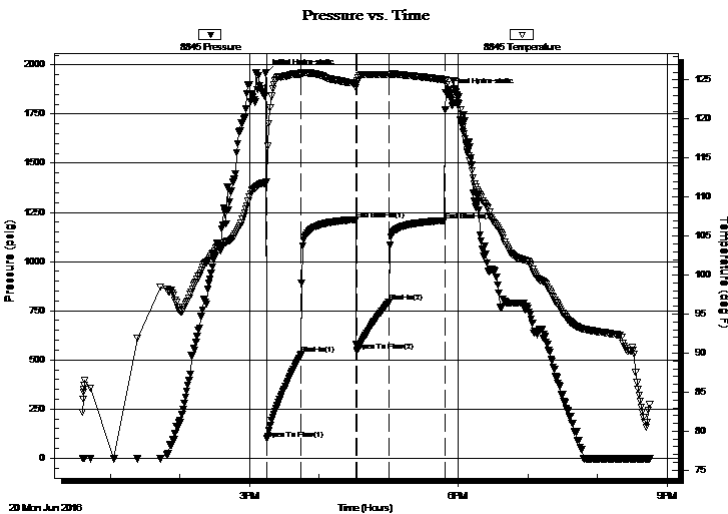
2016.06.20 @ 15:14:00

Time Off Btm:

2016.06.20 @ 17:49:00

TEST COMMENT: IF: BOB @ 2 min.
IS: No return.
FF: BOB @ 2 1/2 min.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1955.37	111.90	Initial Hydro-static
1	98.25	111.94	Open To Flow (1)
31	529.61	125.74	Shut-In(1)
78	1213.78	124.51	End Shut-In(1)
79	544.51	124.57	Open To Flow (2)
107	794.75	125.66	Shut-In(2)
154	1208.40	125.07	End Shut-In(2)
155	1860.63	124.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1750.00	smcw 1m 99w (oil specs in tool)	22.47

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Fossil Resources, LLC

33 12s 36w Logan, Ks

11 W 36th St.
Hays, Ks 67601

Nelson #2

Job Ticket: 65529

DST#: 2

ATTN: Lyle Herrman

Test Start: 2016.06.20 @ 12:36:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

52000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 15000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1750.00	smcw 1m 99w (oil specs in tool)	22.470

Total Length: 1750.00 ft Total Volume: 22.470 bbl

Num Fluid Samples: 0

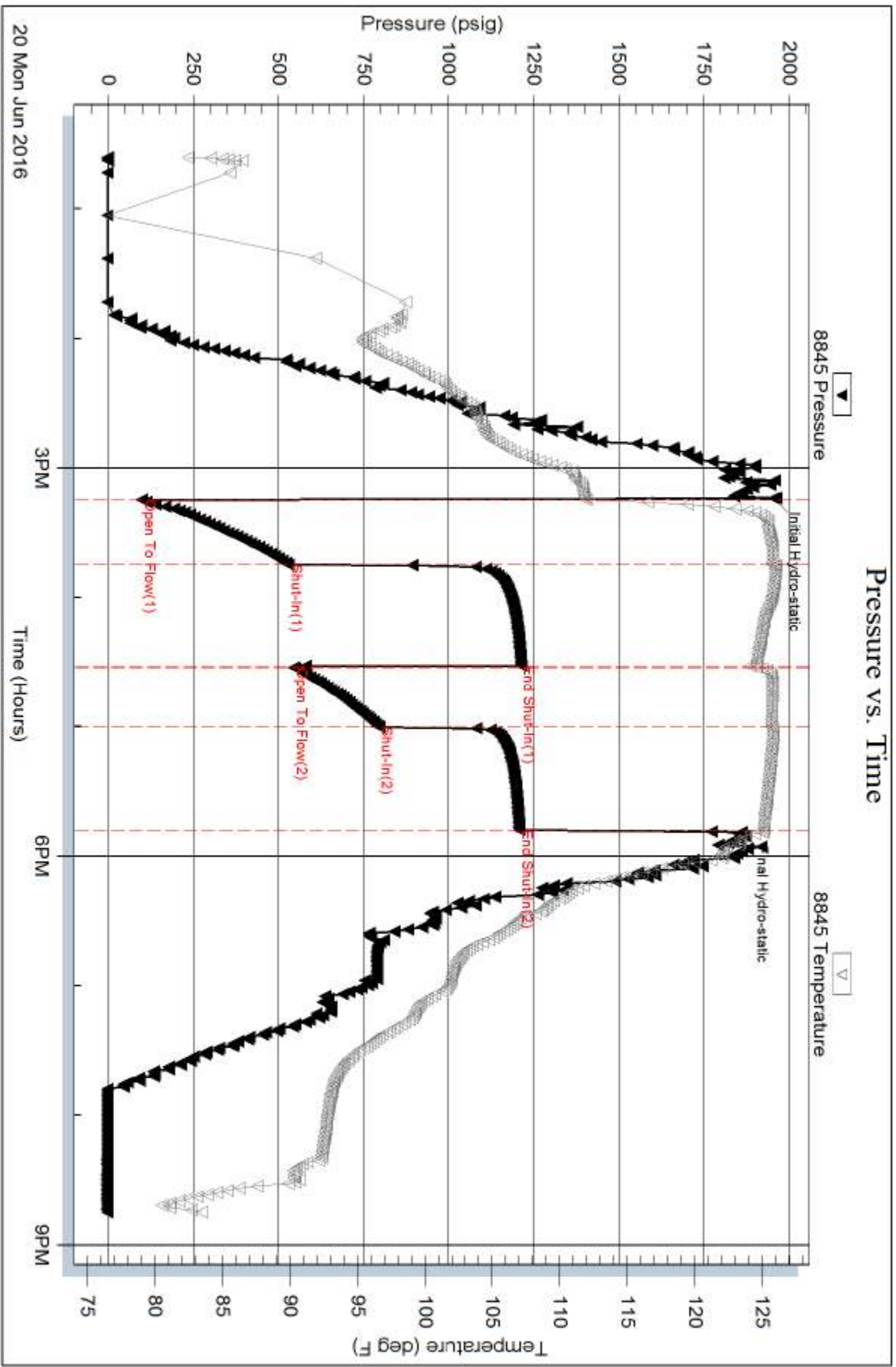
Num Gas Bombs: 0

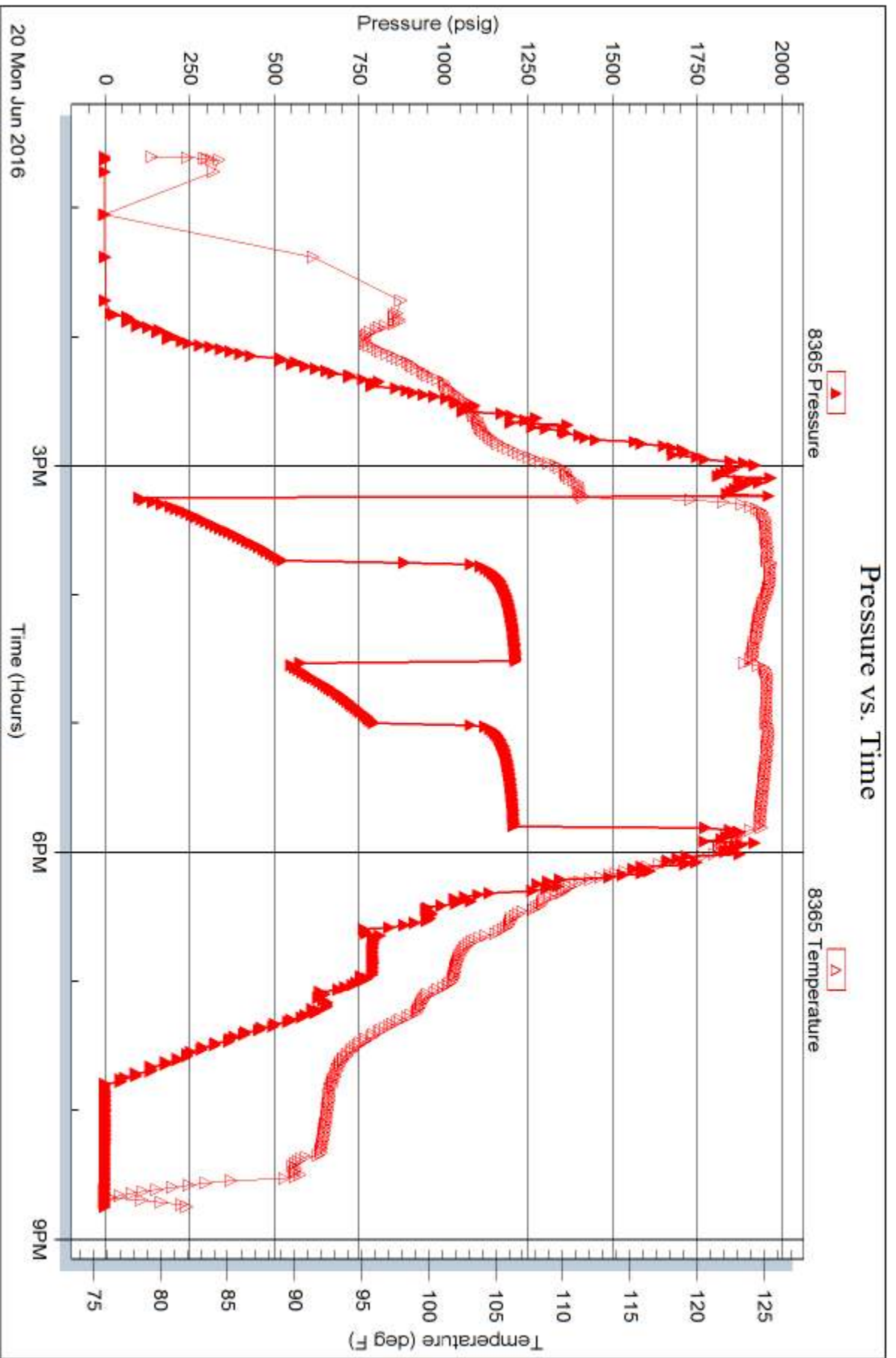
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .130 @ 81f = 52,000ppm







TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Fossil Resources, LLC

33 12s 36w Logan, Ks

11 W 36th St.
Hays, Ks 67601

Nelson #2

Job Ticket: 65530

DST#: 3

ATTN: Lyle Herrman

Test Start: 2016.06.21 @ 03:52:00

GENERAL INFORMATION:

Formation: **LKC - E**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:13:00

Time Test Ended: 10:25:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 3940.00 ft (KB) To 3952.00 ft (KB) (TVD)

Reference Elevations: 3071.00 ft (KB)

Total Depth: 3952.00 ft (KB) (TVD)

3063.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8845 Outside

Press@RunDepth: 27.00 psig @ 3941.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.06.21

End Date:

2016.06.21

Last Calib.:

2016.06.21

Start Time: 03:52:05

End Time:

10:25:44

Time On Btm:

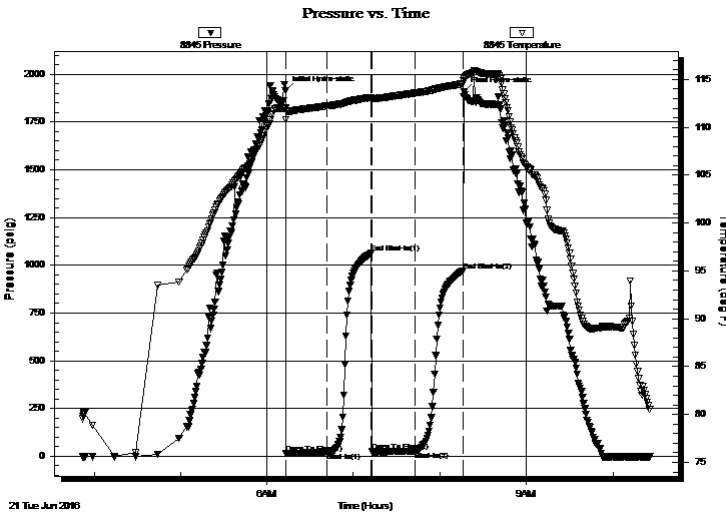
2016.06.21 @ 06:12:45

Time Off Btm:

2016.06.21 @ 08:16:45

TEST COMMENT: IF: Surface blow .
IS: No return.
FF: Surface blow , died in 10 minutes.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1913.30	112.01	Initial Hydro-static
1	14.53	110.78	Open To Flow (1)
29	20.41	112.23	Shut-In(1)
60	1062.89	113.14	End Shut-In(1)
60	23.69	112.81	Open To Flow (2)
90	27.00	113.58	Shut-In(2)
124	970.54	114.55	End Shut-In(2)
124	1907.04	115.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	ocm 15o 85m	0.07
10.00	oil 100o	0.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Fossil Resources, LLC

33 12s 36w Logan, Ks

11 W 36th St.
Hays, Ks 67601

Nelson #2

Job Ticket: 65530

DST#: 3

ATTN: Lyle Herrman

Test Start: 2016.06.21 @ 03:52:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

21 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 15000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	ocm 15o 85m	0.073
10.00	oil 100o	0.073

Total Length: 20.00 ft Total Volume: 0.146 bbl

Num Fluid Samples: 0

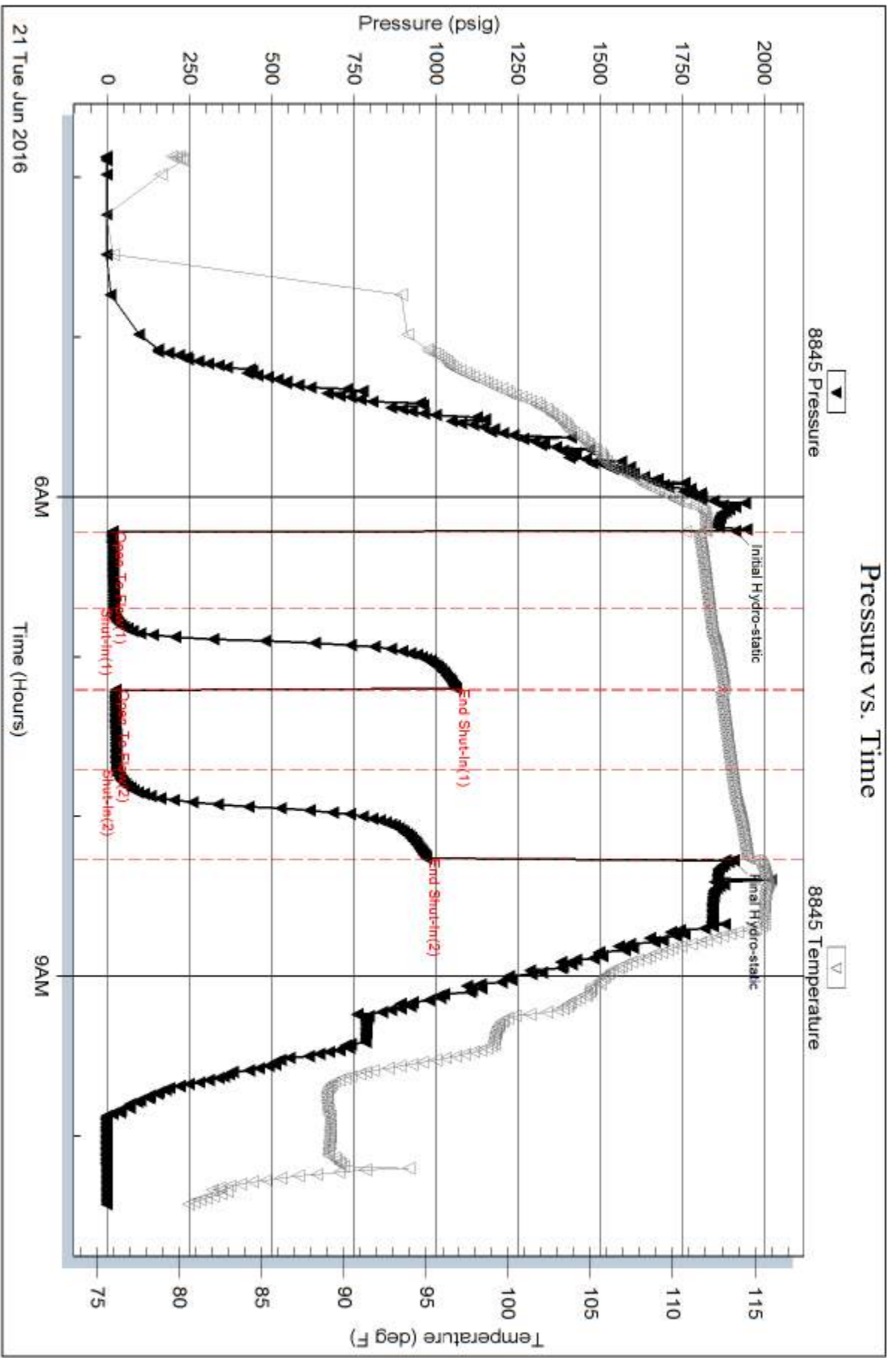
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Fossil Resources, LLC

33 12s 36w Logan, Ks

11 W 36th St.
Hays, Ks 67601

Nelson #2

Job Ticket: 65531

DST#: 4

ATTN: Lyle Herrman

Test Start: 2016.06.22 @ 02:11:00

GENERAL INFORMATION:

Formation: **LKC - I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:34:00

Time Test Ended: 09:40:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4055.00 ft (KB) To 4090.00 ft (KB) (TVD)

Reference Elevations: 3071.00 ft (KB)

Total Depth: 4055.00 ft (KB) (TVD)

3063.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8845 Outside

Press@RunDepth: 37.71 psig @ 4056.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.06.22

End Date:

2016.06.22

Last Calib.:

2016.06.22

Start Time: 02:11:05

End Time:

09:40:44

Time On Btm:

2016.06.22 @ 04:33:30

Time Off Btm:

2016.06.22 @ 07:43:30

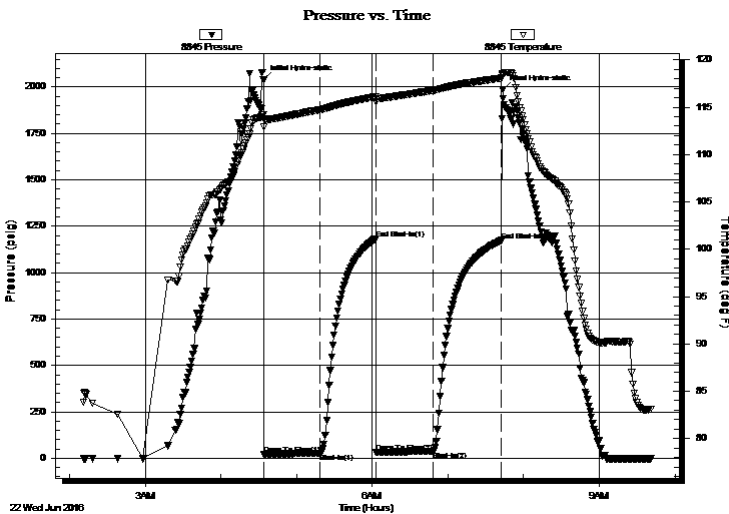
TEST COMMENT: IF: Surface blow , Died @ 30 min.

IS: No return.

FF: No blow .

FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2039.78	114.23	Initial Hydro-static
1	21.51	112.89	Open To Flow (1)
45	28.20	114.74	Shut-In(1)
90	1183.90	116.11	End Shut-In(1)
90	32.93	115.57	Open To Flow (2)
135	37.71	116.77	Shut-In(2)
189	1173.20	118.07	End Shut-In(2)
190	1986.33	118.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	mud 100m (oil spots)	0.37

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Fossil Resources, LLC

33 12s 36w Logan, Ks

11 W 36th St.
Hays, Ks 67601

Nelson #2

Job Ticket: 65531

DST#: 4

ATTN: Lyle Herrman

Test Start: 2016.06.22 @ 02:11:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 14000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	mud 100m (oil spots)	0.367

Total Length: 50.00 ft Total Volume: 0.367 bbl

Num Fluid Samples: 0

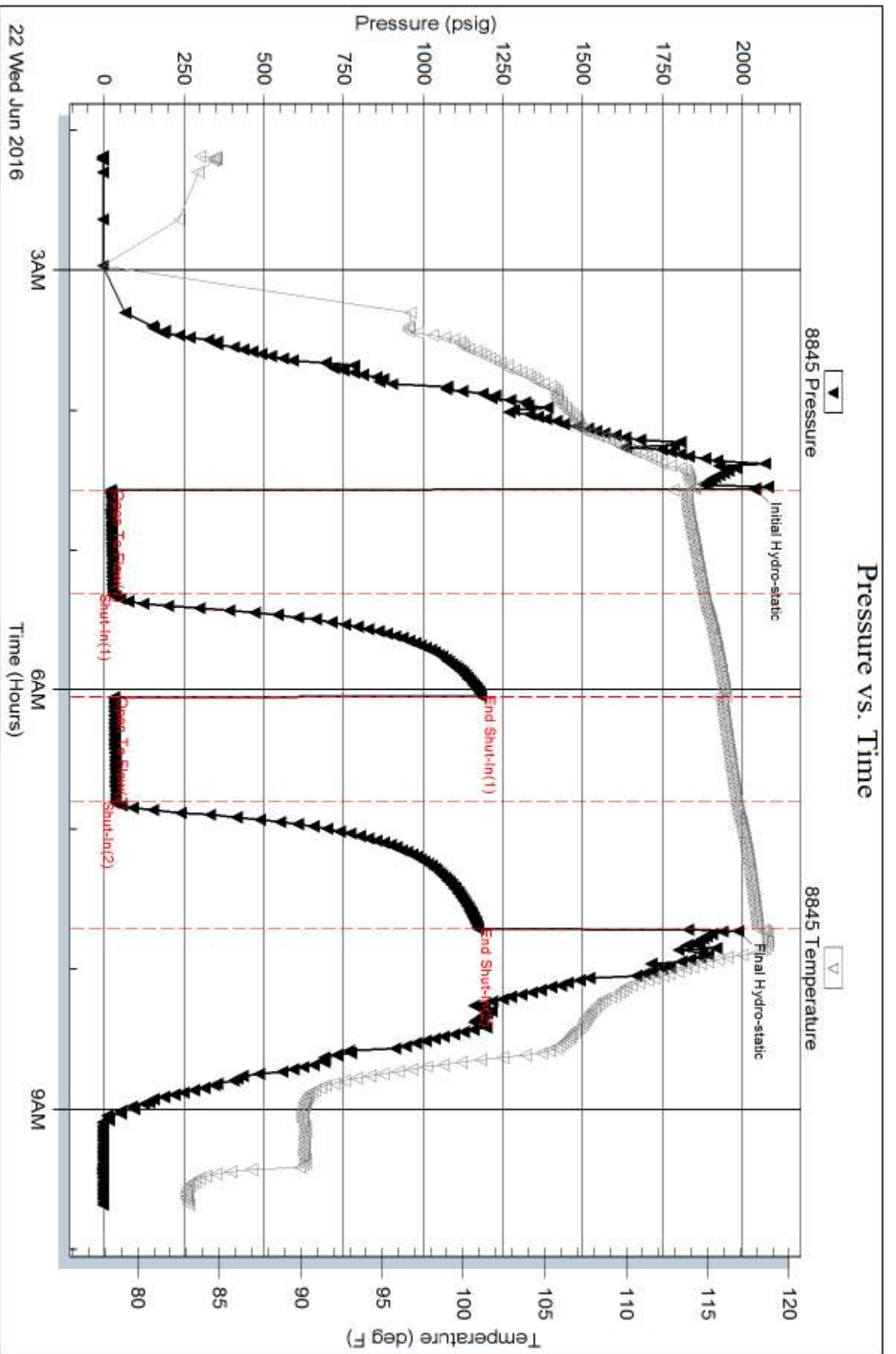
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Fossil Resources, LLC

33 12s 36w Logan, Ks

11 W 36th St.
Hays, Ks 67601

Nelson #2

Job Ticket: 65532

DST#: 5

ATTN: Lyle Herrman

Test Start: 2016.06.23 @ 00:17:00

GENERAL INFORMATION:

Formation: **Pleasanton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:43:15

Time Test Ended: 08:11:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4181.00 ft (KB) To 4210.00 ft (KB) (TVD)

Reference Elevations: 3071.00 ft (KB)

Total Depth: 3910.00 ft (KB) (TVD)

3063.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8845 Outside

Press@RunDepth: 46.38 psig @ 4182.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.06.23

End Date: 2016.06.23

Last Calib.: 2016.06.23

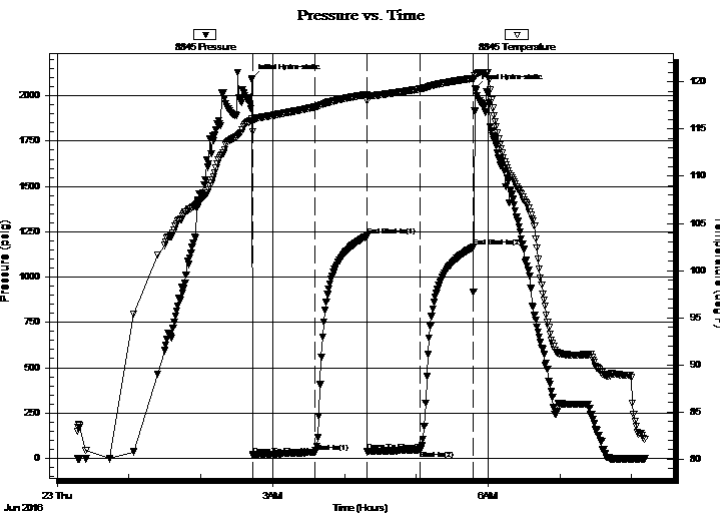
Start Time: 00:17:05

End Time: 08:11:14

Time On Btm: 2016.06.23 @ 02:42:30

Time Off Btm: 2016.06.23 @ 05:49:15

TEST COMMENT: IF: Surface blow .
IS: No retrun.
FF: No blow .
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2093.85	116.05	Initial Hydro-static
1	17.96	114.74	Open To Flow (1)
53	33.27	117.33	Shut-In(1)
97	1225.39	118.66	End Shut-In(1)
97	36.84	118.04	Open To Flow (2)
141	46.38	119.25	Shut-In(2)
185	1164.00	120.37	End Shut-In(2)
187	2041.29	120.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	socm 1o 99m (oil puddle on top)	0.51

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Fossil Resources, LLC

33 12s 36w Logan, Ks

11 W 36th St.
Hays, Ks 67601

Nelson #2

Job Ticket: 65532

DST#: 5

ATTN: Lyle Herrman

Test Start: 2016.06.23 @ 00:17:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 16000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	socm 1o 99m (oil puddle on top)	0.514

Total Length: 70.00 ft Total Volume: 0.514 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

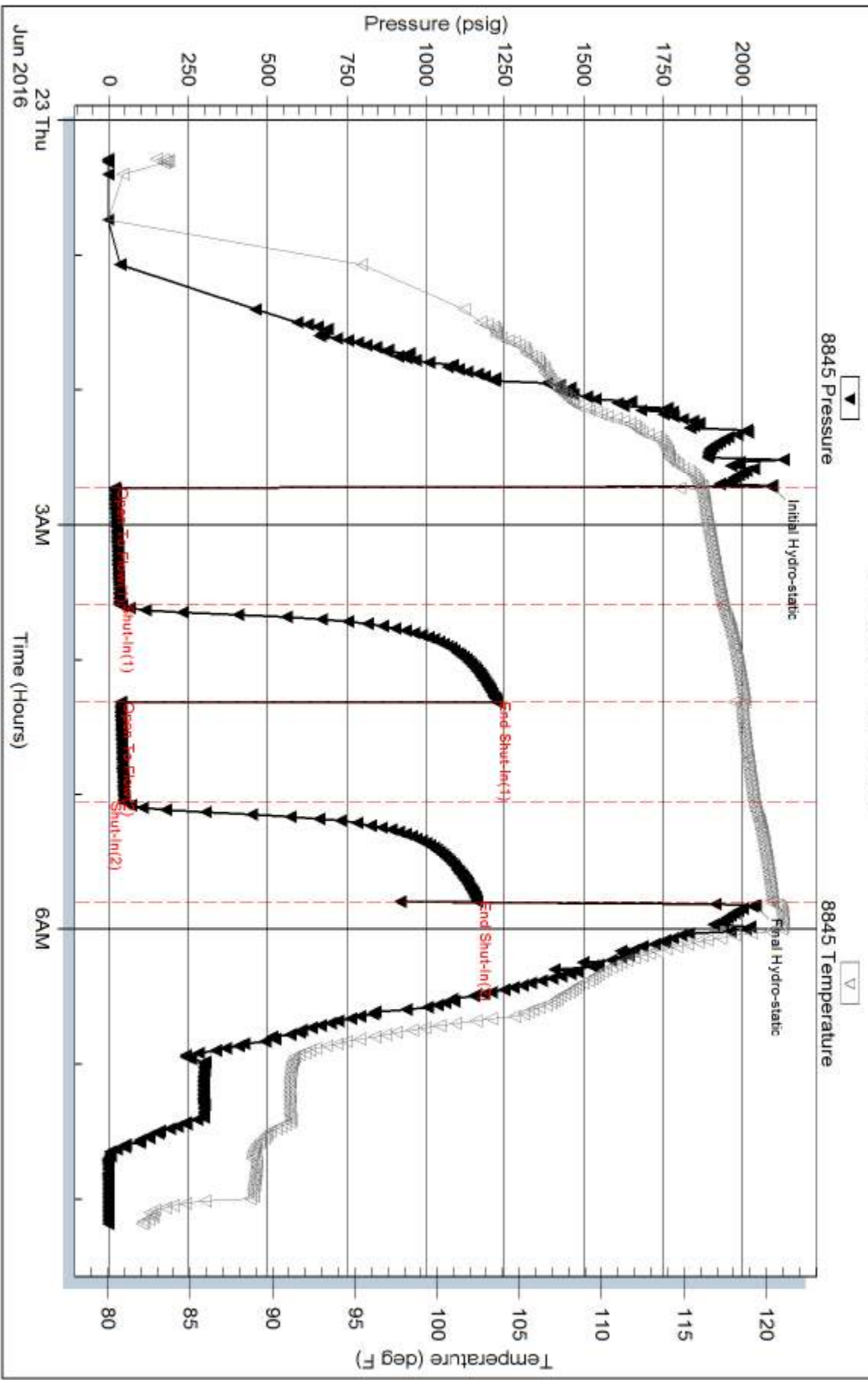
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



GLOBAL CEMENTING, L.L.C.

2060

REMIT TO 1958 E. Highway 40
Russell, KS 67665

SERVICE POINT: Passal Ks.
1st stage 7:45 AM / TOP 2 STAGE

DATE <u>6-26-2016</u>	SEC <u>33</u>	TWP <u>12</u>	RANGE <u>36</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00</u>	JOB FINISH <u>10:40 AM</u>
LEASE <u>Nelson</u> WELL # <u># 2</u> LOCATION <u>Winola Ks. Bw</u>					RD. <u>160</u>	COUNTY <u>Logan</u>	STATE <u>Kansas</u>
OLD OR <u>NEW</u> (CIRCLE ONE)				2 S. 2 E I 170			

CONTRACTOR <u>Discovery D&L, Rig #1 "Cliff" OWNER</u>	CEMENT
TYPE OF JOB <u>PRODUCTION STRING (DV) 2-STAGE</u>	AMOUNT ORDERED <u>2005x Com 10% salt 2% gel</u>
HOLE SIZE <u>7 7/8</u> T.D. <u>4750</u>	<u>6005x GCHD</u>
CASING SIZE <u>5 1/2</u> DEPTH <u>4720</u>	<u>500 GAL MUD FLUSH GAL-KCL</u>
TUBING SIZE DEPTH	COMMON @
DRILL PIPE DEPTH	POZMIX @
TOOL <u>DV Tool @ #57</u> DEPTH <u>2457</u>	GEL @
PRES. MAX MINIMUM	CHLORIDE @
MEAS. LINE SHOE JOINT <u>17'</u>	ASC @
CEMENT LEFT IN CSG <u>LATCH DOWN BAFFLE @ 4705</u>	HANDLING @
PERFS	MILEAGE @
DISPLACEMENT <u>Bottom 112 BBY / TOP 58.34</u>	TOTAL
EQUIPMENT	SERVICE

PUMP TRUCK CEMENTER Glenn G Bill L.
P-2 HELPER CODY H.
BULK TRUCK
B-5 DRIVER Heath L.
BULK TRUCK
B-3 DRIVER Jason M.

REMARKS:
REN 114 NEW JTS OF 15, # 5 1/2 C.S.G.
SET @ 4720 Received CIRCULATION
DROP AFF BALL, Circulate For 1 Hr.
Pump MUD-FLUSH, 30 SX @ Rathole, 15 SX Mouse
Mixed 200 SX on Bottom, clear-line. Reque
LATCH, DN Plug, & Displace, Land @ 1800 #.
DROP PORT, & OPEN DV TOOL @ 1000 #.
MIXED 600 SX Cement, & Displaced 59 / BBL
H2O LAND TOP Plug @ 1500 # & closed DV TOOL.

CHARGE TO: Fossil Resources LLC.
STREET _____

CITY _____ STATE _____ ZIP _____
 ★ Cement DID CIRCULATE TO SURFACE "OWN" EQUIP. PLUG & FLOAT EQUIPMENT
THANKS!

Global Cementing, L.L.C.,
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Bill R. J. [Signature]
SIGNATURE _____

DEPTH OF JOB _____	
PUMP TRUCK CHARGE _____	
EXTRA FOOTAGE @ _____	
MILEAGE @ _____	
MANIFOLD @ _____	
_____ @ _____	
TOTAL _____	
SALES TAX (If Any) _____	
TOTAL CHARGES _____	
DISCOUNT _____	
IF PAID IN 30 DAYS	

GLOBAL CEMENTING, L.L.C.

2656

REMIT TO 1958 E. Highway 40
Russell, KS 67665

SERVICE POINT: Russell

DATE <u>6-15-16</u>	SEC. <u>33</u>	TWP. <u>12</u>	RANGE <u>36</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>5:00 PM</u>
LEASE <u>NEILON</u>	WELL # <u>#2</u>	LOCATION <u>WINDLA B. SW</u>	<u>RD 160</u>	COUNTY <u>LOGAN</u>	STATE <u>KANSAS</u>		
OLD OR <u>NEW</u> (CIRCLE ONE)							

CONTRACTOR Discovery P&G. Rig #1 OWNER "CLIFF" M.

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 305

CASING SIZE 8 5/8 DEPTH 305

TUBING SIZE DEPTH

DRILL PIPE 7 JTS New DEPTH

TOOL 23# csg. DEPTH

PRES. MAX. MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS

DISPLACEMENT 18 1/2 BBL

CEMENT AMOUNT ORDERED 200 SX Com 239 gal

375cc

COMMON @ _____

POZMIX @ _____

GEL @ _____

CHLORIDE @ _____

ASC @ _____

HANDLING @ _____

MILEAGE @ _____

TOTAL _____

EQUIPMENT

PUMP TRUCK CEMENTER Glenn G.

P-2 HELPER Cody H.

BULK TRUCK DRIVER Jason M.

B-5

BULK TRUCK DRIVER

REMARKS:

Set 8 5/8 Surface @ 305

Received circulation.

Cement w/ 200 SX Com 343

Displace a total of 18 1/2 BBL H₂O

SHUT IN @ 300'

Cement DID Circulate

THANKS

CHARGE TO: Fossil Resources

STREET _____

CITY _____ STATE _____ ZIP _____

Global Cementing, L.L.C.,
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____

SIGNATURE [Signature]

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE @ _____

MILEAGE @ _____

MANIFOLD @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS