

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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

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

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

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

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	BAR B 1
Doc ID	1358278

All Electric Logs Run

Cement Bond Log
Dual Induction Log
Dual Compensated Porosity
Mircoresistivity

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	BAR B 1
Doc ID	1358278

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	3596' - 3600'		3596' - 3600'
4	3557' - 3562'		3557' - 3562'
4	3498' - 3505'		3498' - 3505'

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	BAR B 1
Doc ID	1358278

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	269	Common	200	3% Calcium Chloride, 2% Gel
Production	7.875	5.5	15.5	3878	Lite	125	NA
Production	7.875	5.5	15.5	3878	ASC	250	2% Gel, 2% salt, 5# Gilsonite.
Production	7.875	5.5	15.5	3878	65/35 poz mix	200	4% gel



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC

16/8S/23W/Graham

2020 N Bramblewood
Wichita, Kansas
67206+1094
ATTN: Bryan Bynog

Bar B #1

Job Ticket: 64784

DST#: 1

Test Start: 2017.06.06 @ 19:06:00

GENERAL INFORMATION:

Formation: **Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:48:18

Time Test Ended: 10:36:47

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Hays/126

Interval: 3310.00 ft (KB) To 3378.00 ft (KB) (TVD)

Reference Elevations: 2181.00 ft (KB)

Total Depth: 3378.00 ft (KB) (TVD)

2173.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8960 Outside

Press@RunDepth: 1108.41 psig @ 3374.63 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.06

End Date:

2017.06.07

Last Calib.: 1899.12.30

Start Time: 19:07:23

End Time:

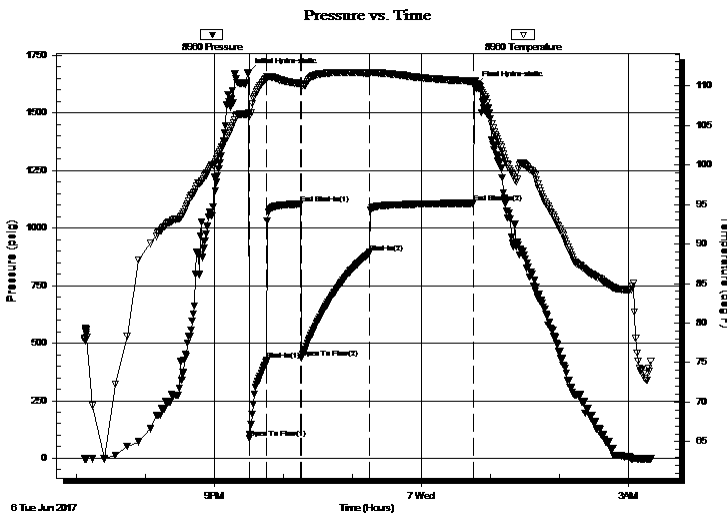
03:18:53

Time On Btm: 2017.06.06 @ 21:29:23

Time Off Btm: 2017.06.07 @ 00:46:23

TEST COMMENT: I.F. 15 Minutes/ Blow built to BOB in 2 minutes
I.S.I. 30 Minutes/ No blow back
F.F. 60 Minutes/ Blow built to BOB in 3 minutes
F.S.I. 90 Minutes/ No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1673.62	106.50	Initial Hydro-static
1	85.63	106.08	Open To Flow (1)
16	425.01	110.89	Shut-In(1)
46	1104.74	110.25	End Shut-In(1)
46	435.67	110.00	Open To Flow (2)
106	893.73	111.61	Shut-In(2)
196	1108.41	110.56	End Shut-In(2)
197	1617.33	110.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1905.00	Muddy Water with show of oil	21.94
0.00	Mud 10% Water 90%	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

16/8S/23W/Graham

2020 N Bramblewood
Wichita, Kansas
67206+1094
ATTN: Bryan Bynog

Bar B #1

Job Ticket: 64784

DST#: 1

Test Start: 2017.06.06 @ 19:06:00

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:

18000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1905.00	Muddy Water with show of oil	21.940
0.00	Mud 10% Water 90%	0.000

Total Length: 1905.00 ft Total Volume: 21.940 bbl

Num Fluid Samples: 0

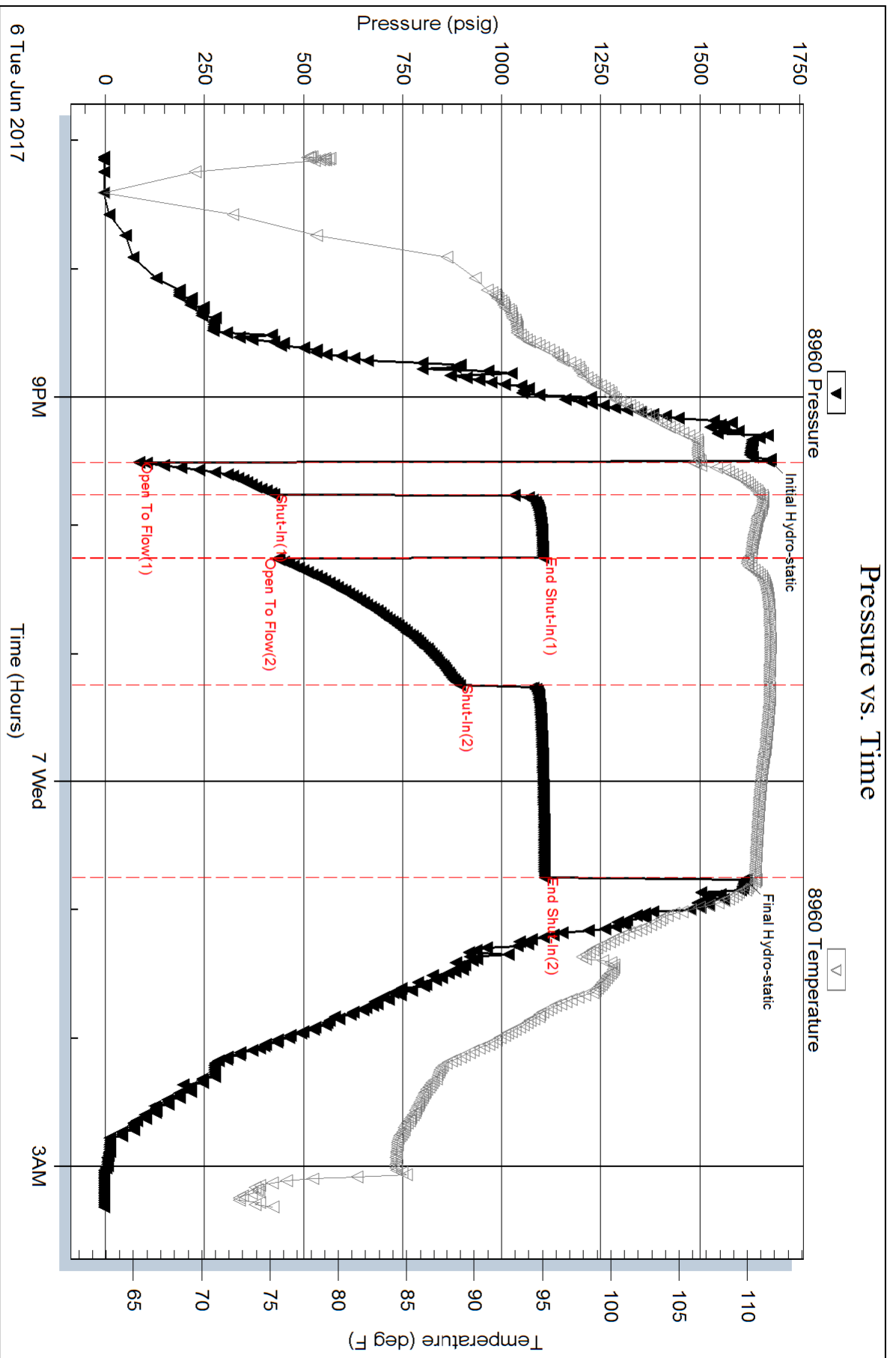
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Recovery Resistivity .33 ohms @ 79 deg.



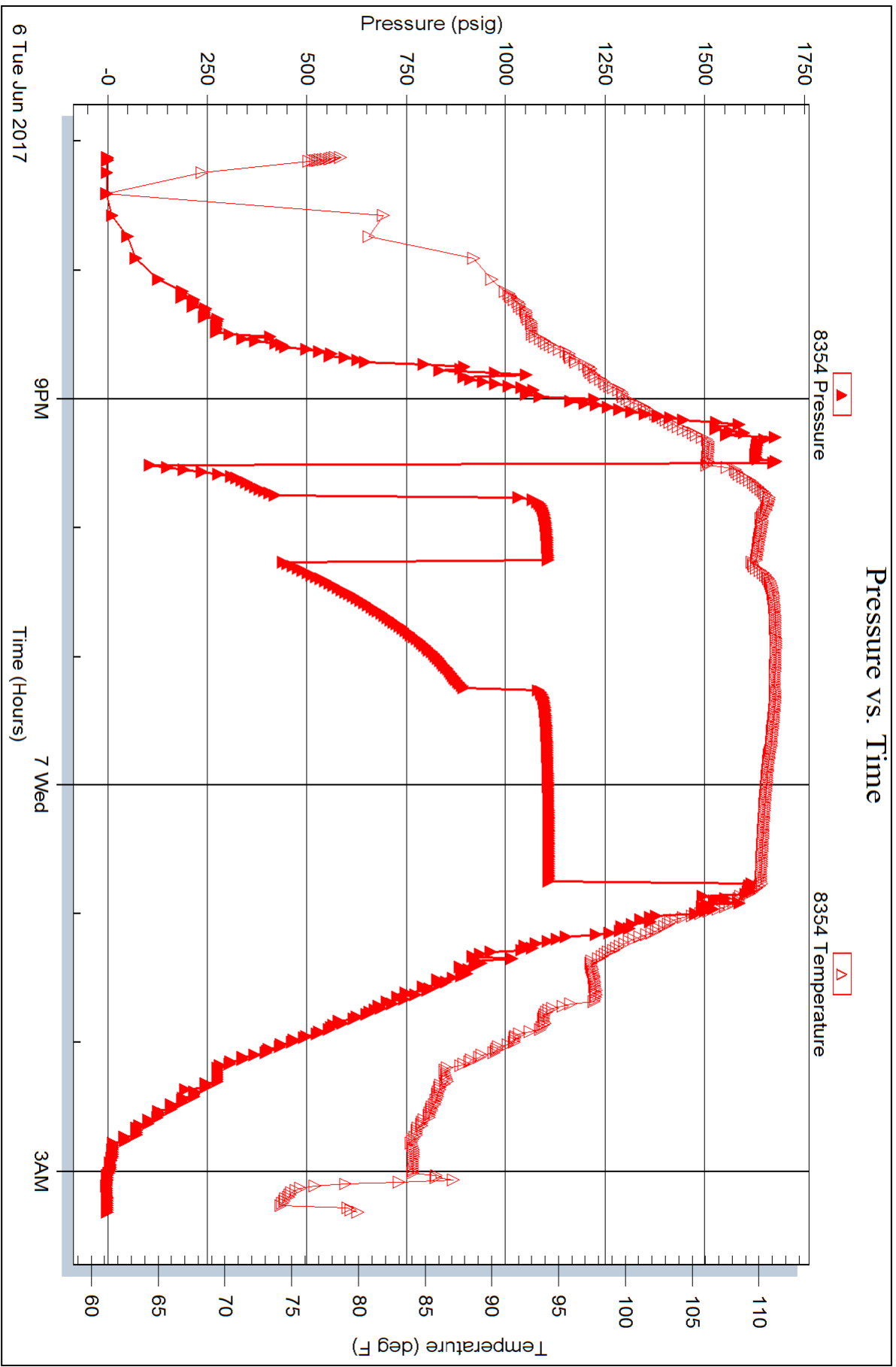
Serial #: 8354

Inside

Berexco LLC

Bar B #1

DST Test Number: 1





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC
 2020 N Bramblewood
 Wichita, Kansas
 67206+1094
 ATTN: Bryan Bynog

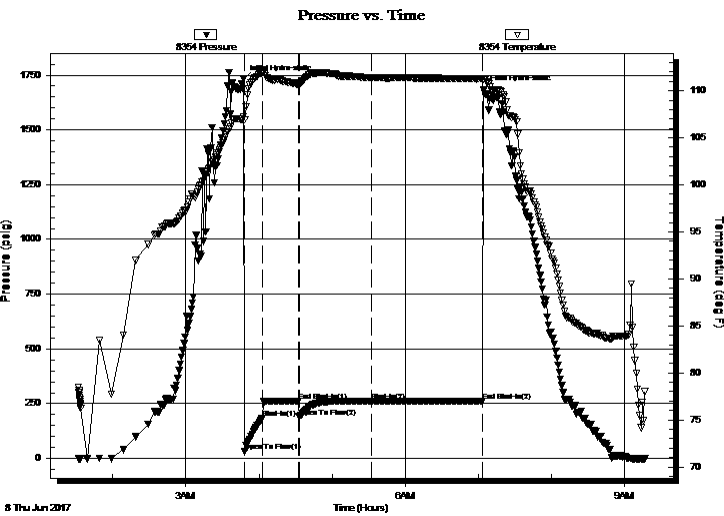
16/8S/23W/Graham
Bar B #1
 Job Ticket: 64785 **DST#: 2**
 Test Start: 2017.06.08 @ 01:32:00

GENERAL INFORMATION:

Formation: **LKC B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:48:30
 Time Test Ended: 09:16:30
 Interval: **3440.00 ft (KB) To 3460.00 ft (KB) (TVD)**
 Total Depth: 3460.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 72 Hays/ 126
 Reference Elevations: 2181.00 ft (KB)
 2173.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8354 Inside
 Press@RunDepth: 261.05 psig @ 3462.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.06.08 End Date: 2017.06.08 Last Calib.: 2017.06.08
 Start Time: 01:32:05 End Time: 09:16:29 Time On Btm: 2017.06.08 @ 03:47:30
 Time Off Btm: 2017.06.08 @ 07:04:30

TEST COMMENT: I.F. 15 Minutes/ Blow built to BOB in 8 minutes
 I.S.I. 30 Minutes/ No blow back
 F.F. 60 Minutes/ Blow built to 8 inches in 20 minutes then died by 50 minutes
 F.S.I. 90 Minutes/ No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1731.40	107.26	Initial Hydro-static
1	32.91	106.96	Open To Flow (1)
16	184.17	111.93	Shut-In(1)
45	260.82	110.60	End Shut-In(1)
46	187.88	110.55	Open To Flow (2)
105	261.05	111.42	Shut-In(2)
196	261.27	111.29	End Shut-In(2)
197	1682.84	111.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
404.00	MW with show of oil Mud 30% Water 70%	1.99
120.00	SOCMW Oil 2% Mud 48% Water 50%	0.59

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

16/8S/23W/Graham

2020 N Bramblewood
Wichita, Kansas
67206+1094
ATTN: Bryan Bynog

Bar B #1

Job Ticket: 64785

DST#: 2

Test Start: 2017.06.08 @ 01:32:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 44.00 sec/qt

Water Loss: 8.78 in³

Resistivity: ohm.m

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: 21000 ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
404.00	MW with show of oil Mud 30% Water 70%	1.987
120.00	SOCMW Oil 2% Mud 48% Water 50%	0.590

Total Length: 524.00 ft Total Volume: 2.577 bbl

Num Fluid Samples: 0

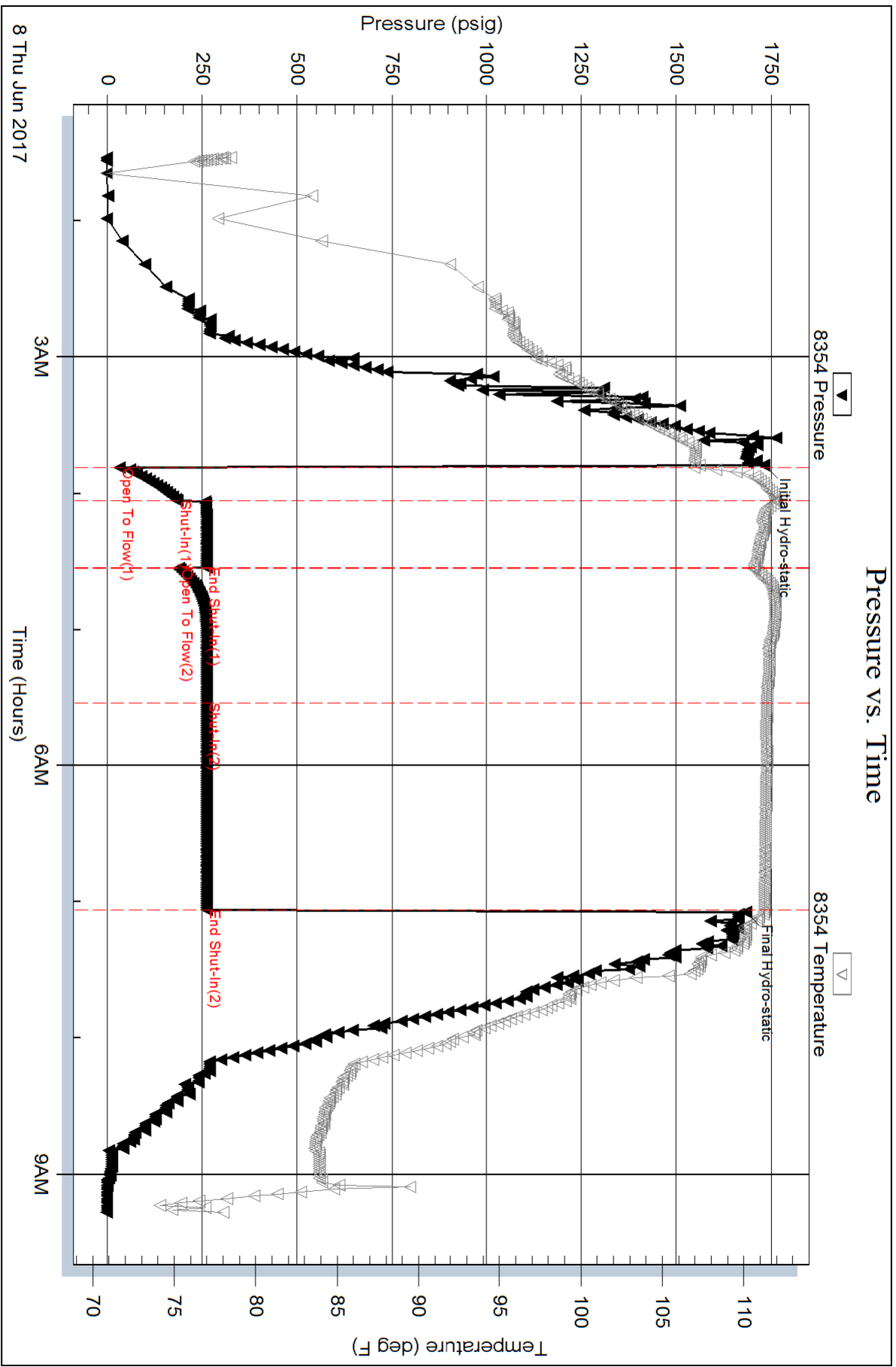
Num Gas Bombs: 0

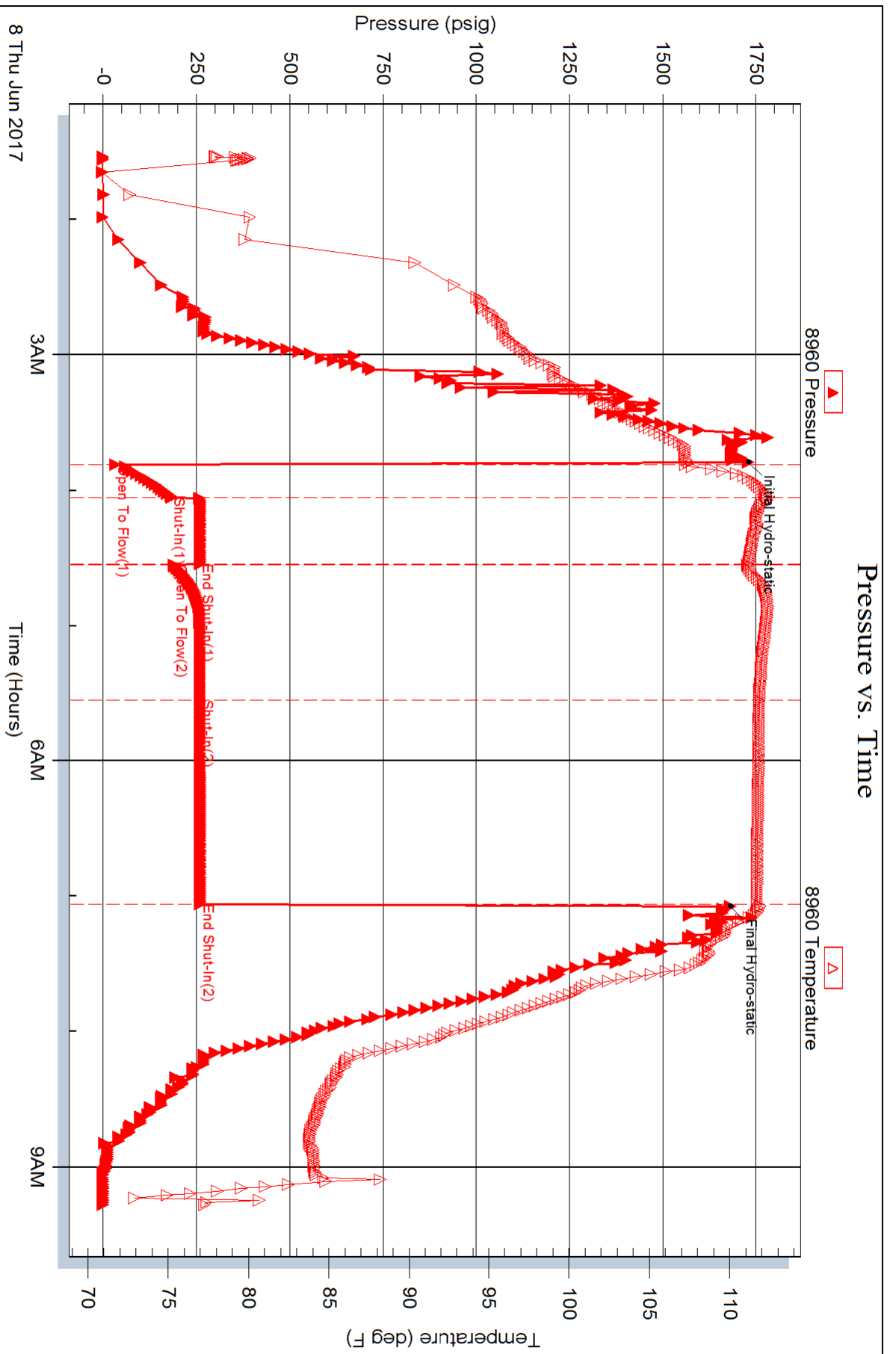
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Recovery Resistivity .31ohms @ 70 deg.







TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC

16/8S/23W/Graham

2020 N Bramblewood
Wichita, Kansas
67206+1094
ATTN: Bryan Bynog

Bar B #1

Job Ticket: 64786

DST#: 3

Test Start: 2017.06.08 @ 19:46:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:58:30

Time Test Ended: 03:35:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Hays/126

Interval: 3480.00 ft (KB) To 3496.00 ft (KB) (TVD)

Reference Elevations: 2181.00 ft (KB)

Total Depth: 3496.00 ft (KB) (TVD)

2173.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8354 Inside

Press@RunDepth: 44.61 psig @ 3492.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.08

End Date:

2017.06.09

Last Calib.:

2017.06.09

Start Time: 19:46:05

End Time:

03:34:59

Time On Btm:

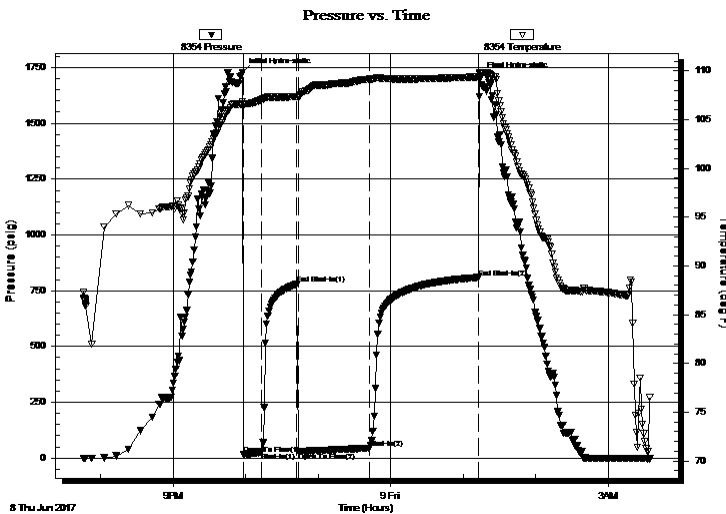
2017.06.08 @ 21:57:30

Time Off Btm:

2017.06.09 @ 01:14:00

TEST COMMENT: I.F. 15 Minutes/ Blow built to 1 1/2 inches
I.S.I. 30 Minutes/ No blow back
F.F. 60 Minutes/ Blow built to 3 inches
F.S.I. 90 Minutes/ No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1726.96	106.87	Initial Hydro-static
1	17.47	106.51	Open To Flow (1)
16	24.75	107.03	Shut-In(1)
45	780.39	107.38	End Shut-In(1)
47	27.37	107.36	Open To Flow (2)
105	44.61	109.16	Shut-In(2)
195	809.03	109.39	End Shut-In(2)
197	1711.12	109.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Oily Mud/ Oil 20% Mud 80%	0.30
5.00	Clean Oil 100%	0.02

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC

16/8S/23W/Graham

2020 N Bramblewood
Wichita, Kansas
67206+1094
ATTN: Bryan Bynog

Bar B #1

Job Ticket: 64786

DST#: 3

Test Start: 2017.06.08 @ 19:46:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:58:30

Time Test Ended: 03:35:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Hays/126

Interval: 3480.00 ft (KB) To 3496.00 ft (KB) (TVD)

Reference Elevations: 2181.00 ft (KB)

Total Depth: 3496.00 ft (KB) (TVD)

2173.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8960 Outside

Press@RunDepth: 806.68 psig @ 3493.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.08

End Date:

2017.06.09

Last Calib.:

2017.06.09

Start Time: 19:46:05

End Time:

03:34:59

Time On Btm:

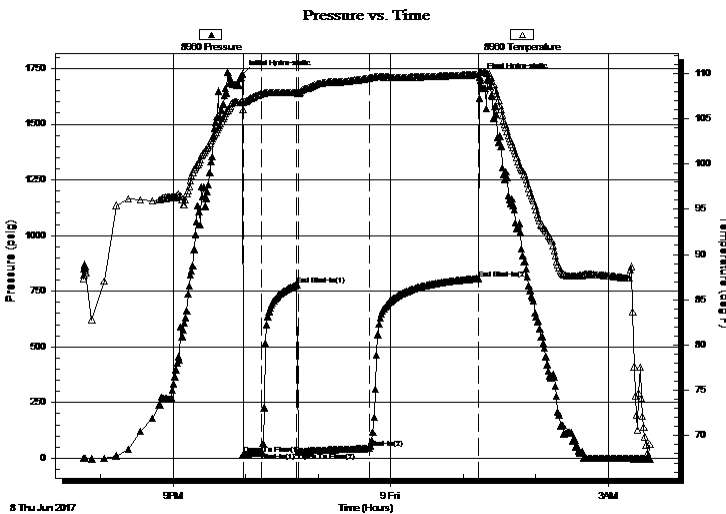
2017.06.08 @ 21:57:30

Time Off Btm:

2017.06.09 @ 01:14:00

TEST COMMENT: I.F. 15 Minutes/ Blow built to 1 1/2 inches
I.S.I. 30 Minutes/ No blow back
F.F. 60 Minutes/ Blow built to 3 inches
F.S.I. 90 Minutes/ No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1724.62	107.00	Initial Hydro-static
1	16.53	105.95	Open To Flow (1)
16	28.12	107.72	Shut-In(1)
45	778.07	107.91	End Shut-In(1)
47	28.86	107.79	Open To Flow (2)
105	43.74	109.46	Shut-In(2)
195	806.68	109.85	End Shut-In(2)
197	1709.15	110.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Oily Mud/ Oil 20% Mud 80%	0.30
5.00	Clean Oil 100%	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

16/8S/23W/Graham

2020 N Bramblewood
Wichita, Kansas
67206+1094
ATTN: Bryan Bynog

Bar B #1

Job Ticket: 64786

DST#: 3

Test Start: 2017.06.08 @ 19:46:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	Oily Mud/ Oil 20% Mud 80%	0.295
5.00	Clean Oil 100%	0.025

Total Length: 65.00 ft Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8354

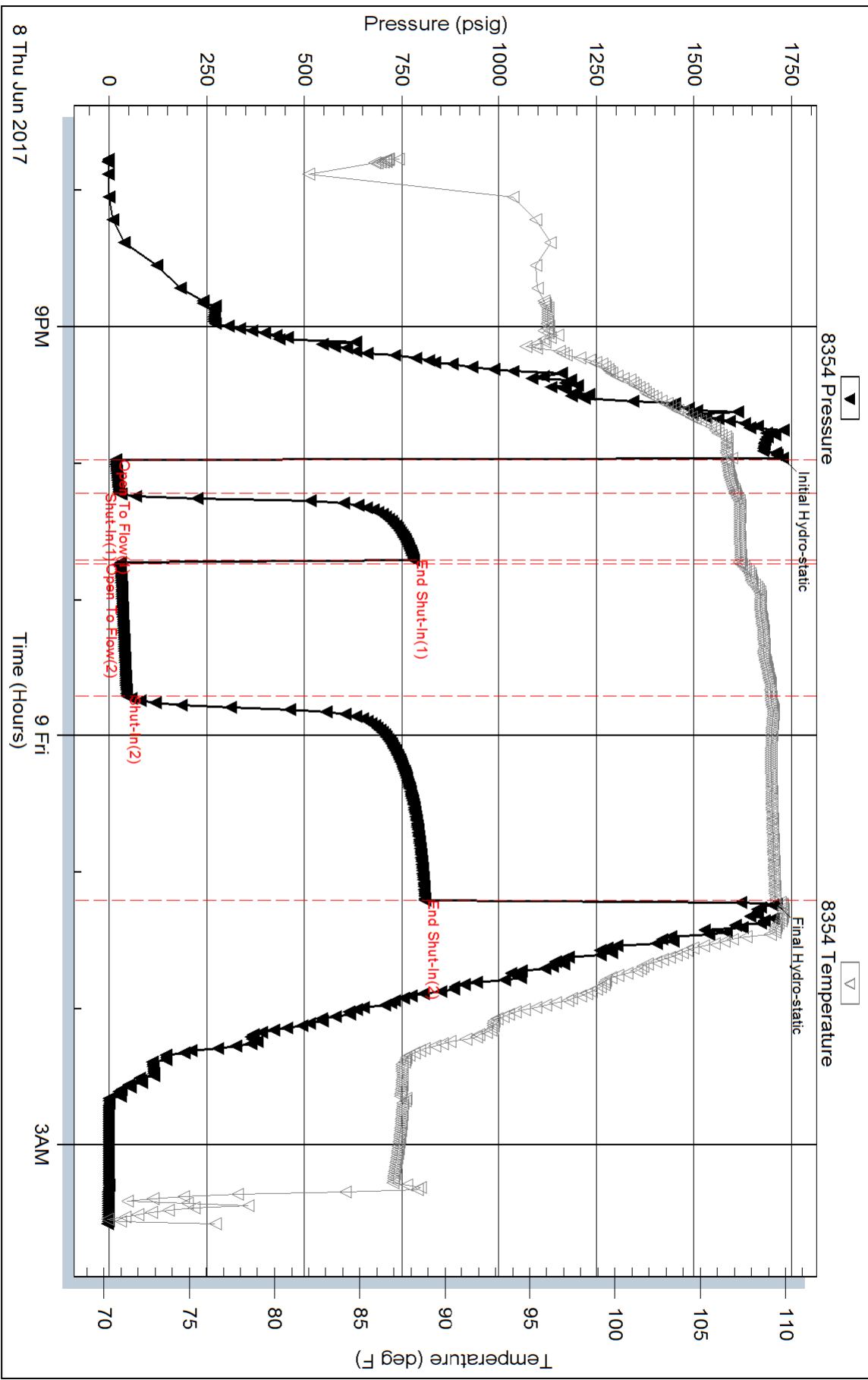
Inside

Berexco LLC

Bar B #1

DST Test Number: 3

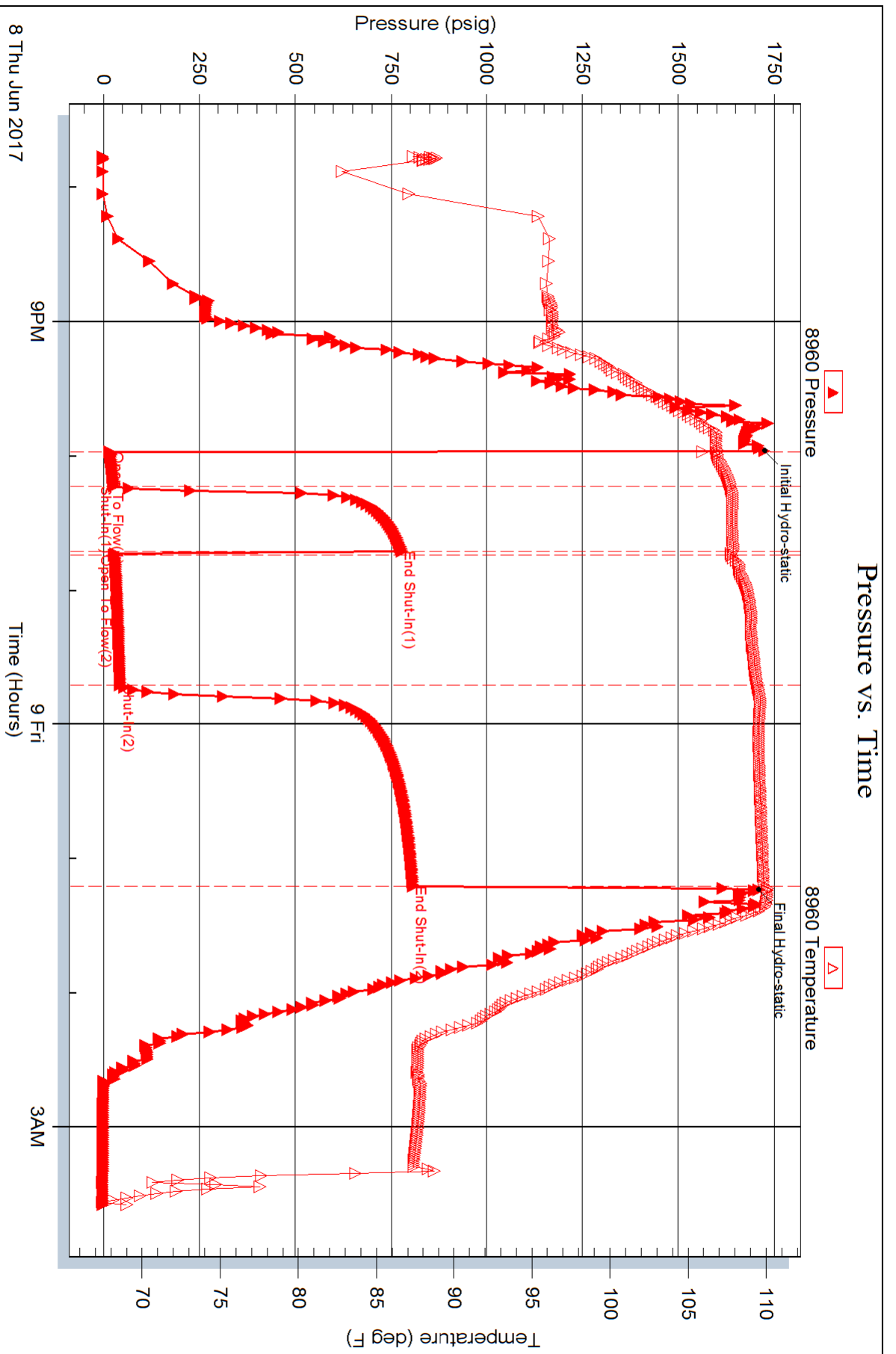
Pressure vs. Time



Triobite Testing, Inc

Ref. No: 64786

Printed: 2017.06.09 @ 07:36:15





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC

16/8S/23W/Graham

2020 N Bramblewood
Wichita, Kansas
67206+1094
ATTN: Bryan Bynog

Bar B #1

Job Ticket: 64787

DST#: 4

Test Start: 2017.06.09 @ 22:27:00

GENERAL INFORMATION:

Formation: **Lansing/KansasCity z**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:12:00

Time Test Ended: 07:15:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Hays/126

Interval: 3530.00 ft (KB) To 3605.00 ft (KB) (TVD)

Reference Elevations: 2181.00 ft (KB)

Total Depth: 3605.00 ft (KB) (TVD)

2173.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8354 Inside

Press@RunDepth: 276.86 psig @ 3601.26 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.09 End Date: 2017.06.10

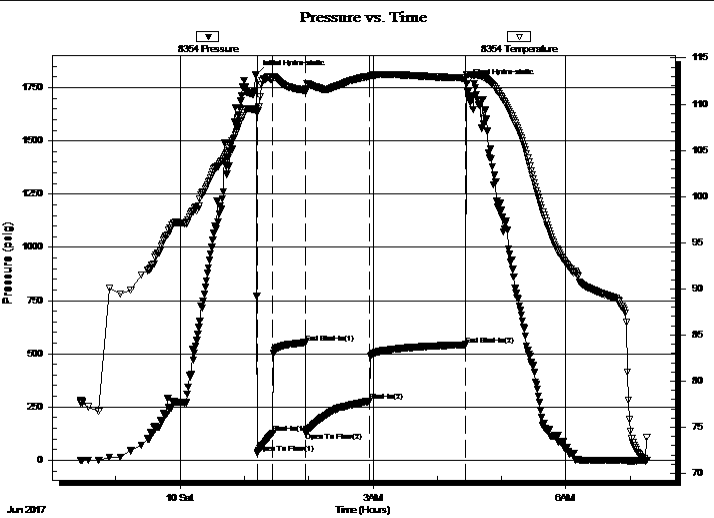
Last Calib.: 2017.06.10

Start Time: 22:27:05 End Time: 07:15:30

Time On Btm: 2017.06.10 @ 01:11:00

Time Off Btm: 2017.06.10 @ 04:27:30

TEST COMMENT: I.F. 15 Minutes/ Blow built to 11 inches
I.S.I. 30 Minutes/ No blow back
F.F. 60 Minutes/ Blow built to BOB in 34 minutes
F.S.I. 90 Minutes/ No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1812.15	109.50	Initial Hydro-static
1	32.71	109.09	Open To Flow (1)
16	125.63	112.75	Shut-In(1)
46	552.21	111.51	End Shut-In(1)
46	132.17	111.29	Open To Flow (2)
106	276.86	113.00	Shut-In(2)
196	542.46	112.83	End Shut-In(2)
197	1768.78	113.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
480.00	Gas&Oil cut Muddy Water	2.36
0.00	Gas 10% Oil 10% Mud 40% Water 40%	0.00
120.00	Gas&Oil cut Muddy Water	1.27
0.00	Gas 5% Oil 10% Mud 25% Water 60%	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

16/8S/23W/Graham

2020 N Bramblewood
Wichita, Kansas
67206+1094
ATTN: Bryan Bynog

Bar B #1

Job Ticket: 64787

DST#: 4

Test Start: 2017.06.09 @ 22:27:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 52.00 sec/qt
Water Loss: 7.59 in³
Resistivity: ohm.m
Salinity: 1000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 21000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
480.00	Gas&Oil cut Muddy Water	2.361
0.00	Gas 10% Oil 10% Mud 40% Water 40%	0.000
120.00	Gas&Oil cut Muddy Water	1.273
0.00	Gas 5% Oil 10% Mud 25% Water 60%	0.000

Total Length: 600.00 ft Total Volume: 3.634 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Recovery Resistivity .30 ohms @ 72 deg

Wf

GLOBAL OIL FIELD SERVICES, LLC

2992

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT: Russell

DATE <u>6-1-17</u>	SEC. <u>16</u>	TWP. <u>8</u>	RANGE <u>23</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>10:30 am</u>
LEASE <u>Bar B</u>	WELL # <u>1</u>	LOCATION <u>Hill City 2w</u>			COUNTY <u>Graham</u>	STATE <u>Ks</u>	
OLD OR NEW (CIRCLE ONE)							

CONTRACTOR Rebecco Rig #3

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 270

CASING SIZE 8 1/2 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX. MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS 3

DISPLACEMENT 159 bbls 115 210

EQUIPMENT

PUMP TRUCK CEMENTER Bill

HELPER Damon

BULK TRUCK DRIVER Tom

DRIVER

OWNER

CEMENT AMOUNT ORDERED 200 lb Com 3% CC 2 1/2 Gal

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

REMARKS:

ran 1st of 8 1/2 net c 265

cent w/ 200 lb com 3-2

pump plug w bbls of water

cent did circ

CHARGE TO: Bepeco LLC

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE @

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

TOTAL

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

Global Oil Field Services, LLC

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 Miguel Salinas

SIGNATURE [Signature]

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

GLOBAL OIL FIELD SERVICES, LLC

2999

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT:

Russell

DATE <u>7-18-17</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Bar</u>	WELL # <u>B-1</u>	LOCATION <u>H/1 City 2W 5 N</u>			COUNTY <u>Grayson</u>	STATE <u>Ks</u>	
OLD OR NEW (CIRCLE ONE)							

CONTRACTOR Cotool
 TYPE OF JOB Pump down backside
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2 DEPTH _____
 TUBING SIZE 2 3/8 DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS _____
 DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED _____

EQUIPMENT

PUMP TRUCK # _____ CEMENTER Bill
 HELPER Jason
 BULK TRUCK # _____ DRIVER Tom
 BULK TRUCK # _____ DRIVER _____

COMMON <u>120</u>	@ <u>16.00</u>	<u>1920.00</u>
POZMIX <u>80</u>	@ <u>9.50</u>	<u>760.00</u>
GEL <u>7</u>	@ <u>21.50</u>	<u>150.50</u>
CHLORIDE _____	@ _____	_____
ASC _____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>207</u>	@ <u>1.90</u>	<u>393.30</u>
MILEAGE <u>107 / 120 / 1207</u>		<u>331.20</u>
TOTAL		<u>3000.00</u>

REMARKS:

pkgs. 600 lbs 500 # Salt In
 pump down area w/ 2000# Hoppers

SERVICE

DEPTH OF JOB _____		
PUMP TRUCK CHARGE _____		<u>750.00</u>
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <u>Pickup</u>	@ <u>3.00</u>	<u>60.00</u>
MANIFOLD <u>Pump Truck</u>	@ <u>6.00</u>	<u>120.00</u>
_____	@ _____	_____
_____	@ _____	_____
<u>4485.00</u>		
<u>1300.00</u>		
<u>3184.35</u>		
TOTAL		<u>930.00</u>

CHARGE TO: Bolox LLC
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
TOTAL		_____

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PRINTED NAME Victor H. Hillis
 SIGNATURE _____

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS