

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	US Oil Resources LLC
Well Name	BENTLEY 16C-34-1527
Doc ID	1471866

All Electric Logs Run

Array Compensated True Resistivity Log
Spectral Density Dual Spaced Neutron Log
Borehole Compensated Sonic Array Log
Annular Hole Volume Log
Microlog

DRILLSITE ELEVATION CARD

CLIENT:	<u>US OIL RESOURCES, LLC</u>		
SECTION:	<u>34</u>	TOWNSHIP:	<u>T15S</u>
		RANGE:	<u>R27W</u>
QUARTER:	<u>SE. 1/4</u>		
COUNTY:	<u>GOVE</u>		
LEASE NAME:	<u>BENTLEY</u>		

WELL NAME: BENTLEY 16C-34-1527

* **ELEVATION:** 2549

DESCRIPTION: 1. Ground elevation at wood stake on existing drillsite pad.

Date August 13, 2019

*Elevation derived from National Geodetic Vertical Datum.
Elevation is for specified point set by others. No guarantee
is implied for the exact location of the drillsite location in
relation to lease lines or section lines.

CENTRAL KANSAS OILFIELD SERVICES, INC.
2344 WASHINGTON ST., GREAT BEND, KS. 67530 (620) 792-1977



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

FIELD TICKET & TREATMENT REPORT
 CEMENT

TICKET NUMBER 56082
 LOCATION Oakley Ks
 FOREMAN Cory Davis

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
<u>8-16-19</u>		<u>Bentley 16C-34-15-27</u>	<u>34</u>	<u>15S</u>	<u>27W</u>	<u>Gove</u>	
CUSTOMER		MAILING ADDRESS		TRUCK #	DRIVER	TRUCK #	DRIVER
<u>US Oil Resources</u>		<u>Utica W to R2D Road Chief 1/4 to R2285 E to R20 Tomshawk N. W into</u>		<u>760</u>	<u>Katoby C.</u>	<u>703</u>	<u>Cory D</u>
CITY		STATE	ZIP CODE	<u>70</u>		<u>1089</u>	<u>Walt D</u>
						<u>Training</u>	<u>Alex H</u>

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 22.8 CASING SIZE & WEIGHT 8 5/8
 CASING DEPTH 221.8 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 14 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting rig up on Duke Rig 2 - Circ casing on Bottom Hook up
to Pump truck mix 175 class cement 3% CC 2% gel Displace 14 BBL H2O shut in
rig down

Cement Did Circ
Approx 8.0 BBL to Pit

Thank you
from Cory + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	<u>1</u>	<u>PUMP CHARGE</u>	<u>1,150.00</u>	<u>1,150.00</u>
	<u>40</u>	<u>MILEAGE</u>		<u>286.00</u>
	<u>1</u>	<u>Ton Mileage Delivery min</u>	<u>660.00</u>	<u>660.00</u>
	<u>175 sks</u>	<u>Surface Blend II</u>	<u>24.00</u>	<u>4,200.00</u>
			<u>Subtotal</u>	<u>6,296.00</u>
			<u>25% Disc.</u>	<u>1,574.00</u>
			<u>Subtotal</u>	<u>4,722.00</u>
			<u>SALES TAX</u>	
			<u>ESTIMATED</u>	
			<u>TOTAL</u>	

RAVIN 3737
 AUTHORIZATION Adam D. Bl TITLE _____ DATE _____

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.



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

TICKET NUMBER 53649
LOCATION Dakota, KS
FOREMAN Walt Dinkel

**FIELD TICKET & TREATMENT REPORT
CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-27-19		Bentley 16C-34-1527	34	15 ^S	27 ^W	Lawe
CUSTOMER	MAILING ADDRESS		TRUCK #	DRIVER	TRUCK #	DRIVER
US Oil Resources	6727 W. Prentice Ave		760	Kelley Christian		
CITY	STATE	ZIP CODE				
Lakewood	Colo	80213	70	Alex Hixson		
			86	Walt Dinkel		

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH _____ CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4 1/2 x H TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Set Faty Matting, Rig up on Duke #2, Plug as ordered.
50 sks @ 1999'
100 sks @ 949'
50 sks @ 271'
70 sks @ 40'
30 sks in R.H.

Thank You
Walt Dinkel

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	1	PUMP CHARGE	1,500 ⁰⁰	1,500 ⁰⁰
	40	MILEAGE	7 ¹⁵	286 ⁰⁰
	10.32	Ton Mileage Delivery	1 ⁷⁵	722 ⁴⁰
	240 sks	light weight Blend X	16 ⁰⁰	3,840 ⁰⁰
	60	Flu Seal	3 ⁰⁰	180 ⁰⁰
	1	8 5/8 Wooden Plug	165 ⁰⁰	165 ⁰⁰
				6,693 ⁴⁰
				1,673 ³²
				5,020 ⁰⁸
			SALES TAX	
			ESTIMATED TOTAL	

AUTHORIZATION Deon Vazquez TITLE _____ DATE _____

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.



DRILL STEM TEST REPORT

Prepared For: **US Oil Resources, LLC**

6727 W Prentice Ave
Lakewood, CO 80123

ATTN: Jim Musgrove

Bentley #16C-34-1527

34-15s-27w Gove,KS

Start Date: 2019.08.22 @ 03:35:00

End Date: 2019.08.22 @ 11:38:30

Job Ticket #: 64373 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.08.26 @ 10:59:29



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

US Oil Resources, LLC

34-15s-27w Gove, KS

6727 W Prentice Ave
Lakewood, CO 80123

Bentley #16C-34-1527

ATTN: Jim Musgrove

Job Ticket: 64373

DST#: 1

Test Start: 2019.08.22 @ 03:35:00

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:38:15

Time Test Ended: 11:38:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: 3750.00 ft (KB) To 3786.00 ft (KB) (TVD)

Reference Elevations: 2557.00 ft (KB)

Total Depth: 3786.00 ft (KB) (TVD)

2549.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8522 Inside

Press@RunDepth: 56.35 psig @ 3751.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.08.22

End Date:

2019.08.22

Last Calib.:

2019.08.22

Start Time: 03:35:05

End Time:

11:38:29

Time On Btm:

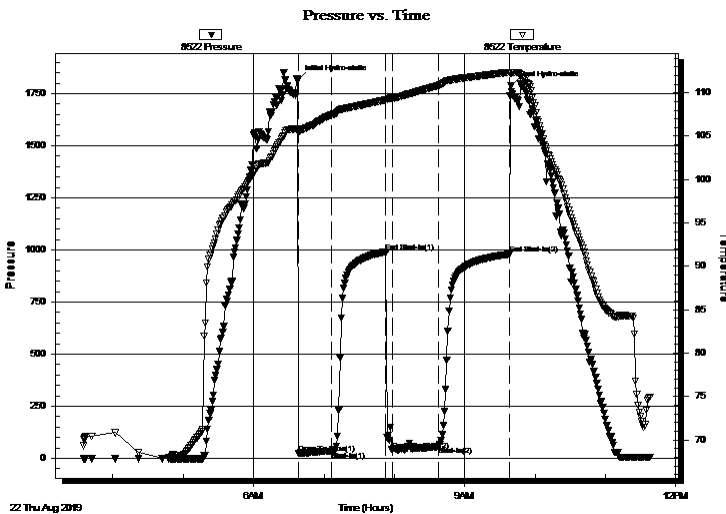
2019.08.22 @ 06:38:00

Time Off Btm:

2019.08.22 @ 09:39:30

TEST COMMENT: 30- IF: 3" blow .
45- IS: No return.
45- FF: 3" blow .
60- FSI: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1815.11	105.89	Initial Hydro-static
1	24.43	105.34	Open To Flow (1)
29	35.19	107.45	Shut-In(1)
75	991.30	109.18	End Shut-In(1)
81	41.40	109.35	Open To Flow (2)
120	56.35	110.83	Shut-In(2)
180	979.43	112.34	End Shut-In(2)
182	1788.75	112.27	Final Hydro-static

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
60.00	sow cm 2o 28w 70m	0.84
5.00	oil 100o	0.07

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

US Oil Resources, LLC

34-15s-27w Gove, KS

6727 W Prentice Ave
Lakewood, CO 80123

Bentley #16C-34-1527

ATTN: Jim Musgrove

Job Ticket: 64373 **DST#: 1**
Test Start: 2019.08.22 @ 03:35:00

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:38:15

Time Test Ended: 11:38:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: 3750.00 ft (KB) To 3786.00 ft (KB) (TVD)

Total Depth: 3786.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2557.00 ft (KB)

2549.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8319 Outside

Press@RunDepth: psig @ 3751.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.08.22 End Date: 2019.08.22

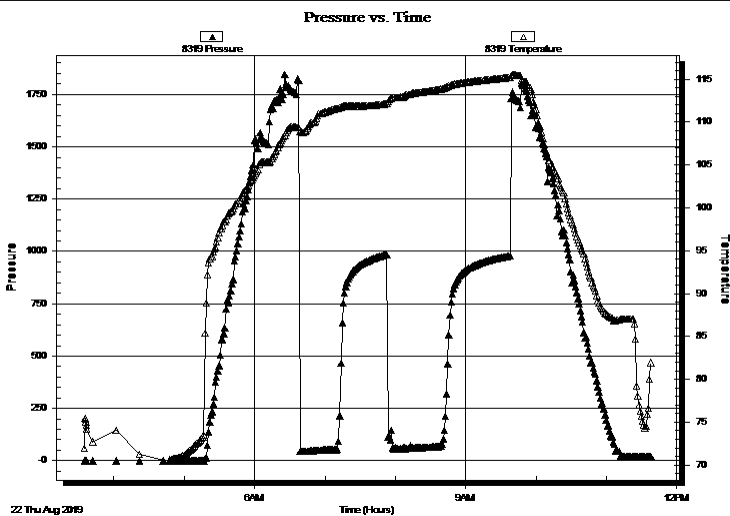
Last Calib.: 2019.08.22

Start Time: 03:35:05 End Time: 11:38:29

Time On Btm:

Time Off Btm:

TEST COMMENT: 30- IF: 3" blow.
45- IS: No return.
45- FF: 3" blow.
60- FSI: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	sow cm 2o 28w 70m	0.84
5.00	oil 100o	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources, LLC

34-15s-27w Gove, KS

6727 W Prentice Ave
Lakewood, CO 80123

Bentley #16C-34-1527

Job Ticket: 64373

DST#: 1

ATTN: Jim Musgrove

Test Start: 2019.08.22 @ 03:35:00

Tool Information

Drill Pipe:	Length: 3753.00 ft	Diameter: 3.80 inches	Volume: 52.64 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 52.64 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3750.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	63.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3724.00	
Shut In Tool	5.00		Fluid	3729.00	
Hydraulic tool	5.00			3734.00	
Jars	5.00			3739.00	
Safety Joint	2.00			3741.00	
Packer	5.00		Inside	3746.00	27.00 Bottom Of Top Packer
Packer	4.00			3750.00	
Stubb	1.00			3751.00	
Recorder	0.00	8522	Inside	3751.00	
Recorder	0.00	8319	Outside	3751.00	
Perforations	32.00			3783.00	
Bullnose	3.00			3786.00	36.00 Bottom Packers & Anchor

Total Tool Length: 63.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources, LLC

34-15s-27w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Bentley #16C-34-1527

Job Ticket: 64373

DST#: 1

ATTN: Jim Musgrove

Test Start: 2019.08.22 @ 03:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

15000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 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 bbbl
60.00	sow cm 2o 28w 70m	0.842
5.00	oil 100o	0.070

Total Length: 65.00 ft Total Volume: 0.912 bbl

Num Fluid Samples: 0

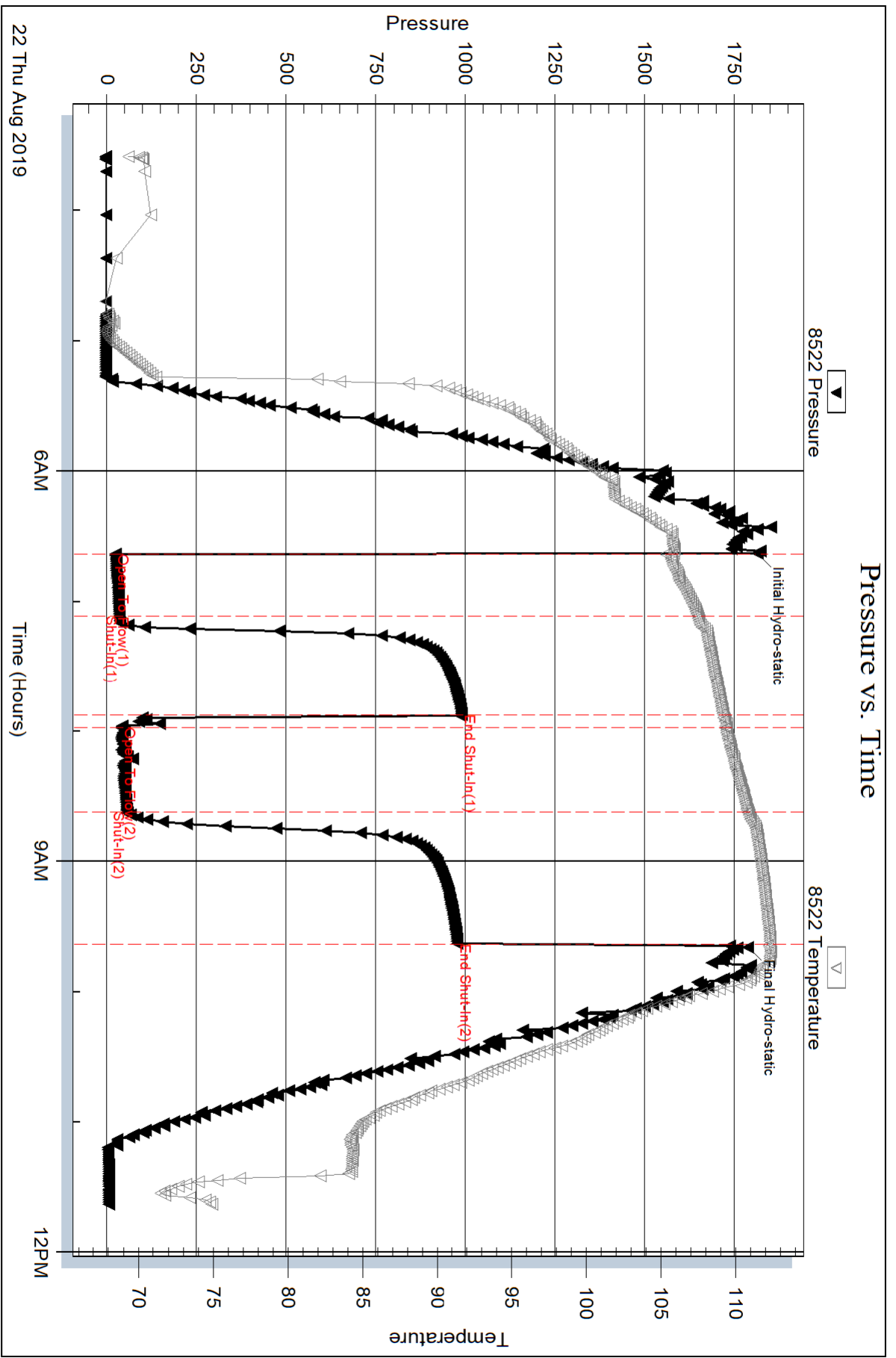
Num Gas Bombs: 0

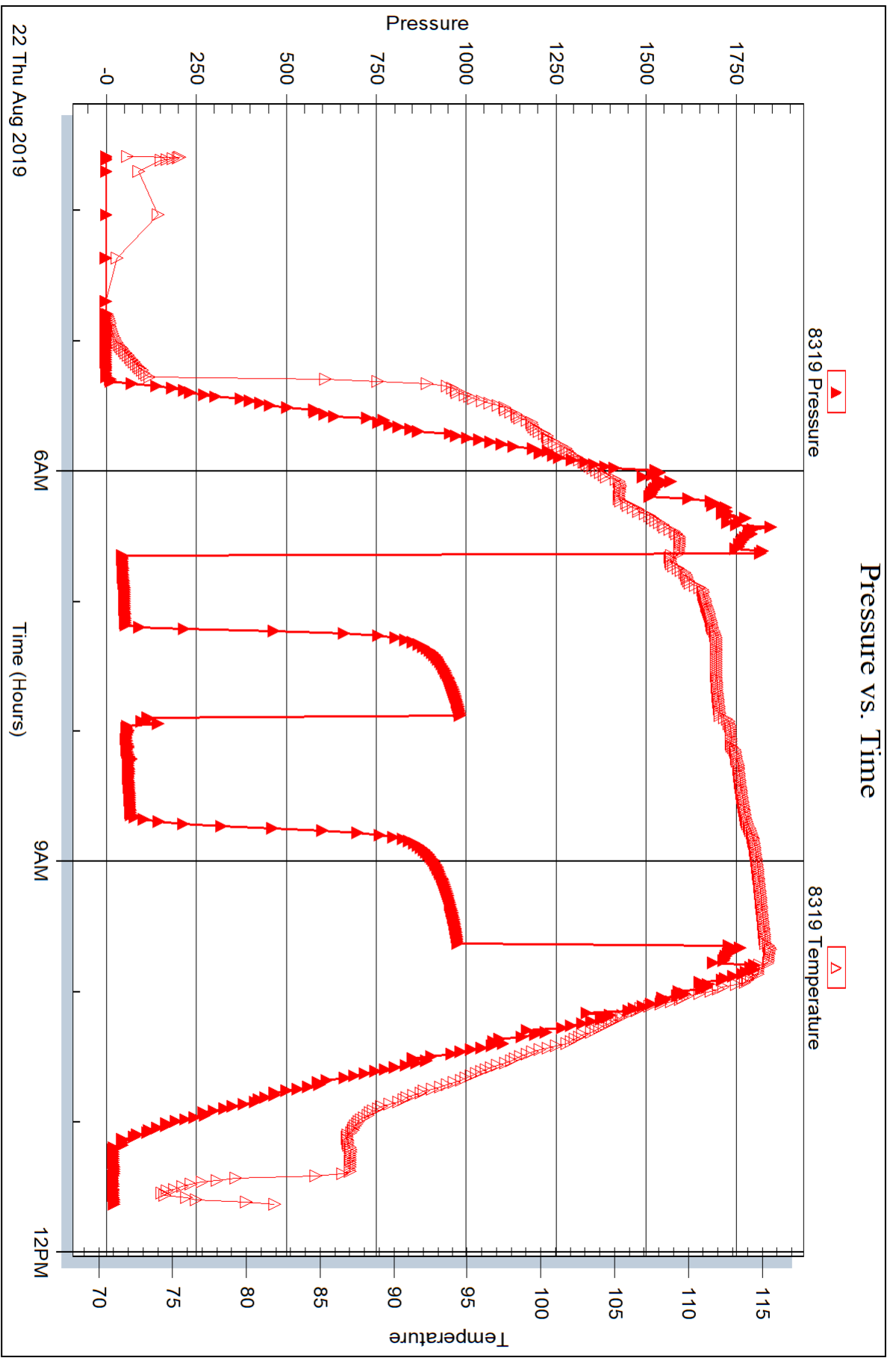
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .418 @ 69f = 15000ppm







DRILL STEM TEST REPORT

Prepared For: **US Oil Resources, LLC**

6727 W Prentice Ave
Lakewood, CO 80123

ATTN: Jim Musgrove

Bentley #16C-34-1527

34-15s-27w Gove,KS

Start Date: 2019.08.22 @ 22:05:00

End Date: 2019.08.23 @ 02:40:15

Job Ticket #: 64374 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.08.26 @ 10:56:56



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources, LLC

34-15s-27w Gove, KS

6727 W Prentice Ave
Lakewood, CO 80123

Bentley #16C-34-1527

ATTN: Jim Musgrove

Job Ticket: 64374

DST#: 2

Test Start: 2019.08.22 @ 22:05:00

GENERAL INFORMATION:

Formation: **LKC D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:32:00

Time Test Ended: 02:40:15

Test Type: Conventional Straddle (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 3866.00 ft (KB) To 3884.00 ft (KB) (TVD)

Reference Elevations: 2557.00 ft (KB)

Total Depth: 3898.00 ft (KB) (TVD)

2549.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8522

Inside

Press@RunDepth: 22.14 psig @ 3867.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.08.22

End Date:

2019.08.23

Last Calib.:

2019.08.23

Start Time: 22:05:05

End Time:

02:40:14

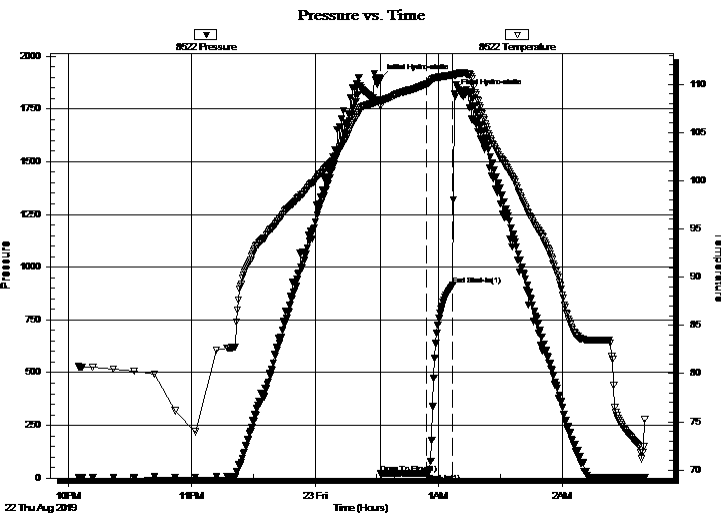
Time On Btm:

2019.08.23 @ 00:31:45

Time Off Btm:

2019.08.23 @ 01:07:45

TEST COMMENT: 30- IF: 1" blow.
10- IS: No return.
Pulled Test.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1891.89	108.38	Initial Hydro-static
1	20.54	107.75	Open To Flow (1)
23	22.14	110.02	Shut-In(1)
36	914.11	110.96	End Shut-In(1)
36	1820.54	110.90	Final Hydro-static

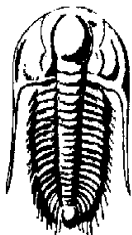
Recovery

Length (ft)	Description	Volume (bbl)
7.00	MUD 100M W/oil spots	0.10

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

US Oil Resources, LLC

34-15s-27w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Bentley #16C-34-1527

ATTN: Jim Musgrove

Job Ticket: 64374 **DST#: 2**

Test Start: 2019.08.22 @ 22:05:00

GENERAL INFORMATION:

Formation: **LKC D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:32:00

Time Test Ended: 02:40:15

Test Type: Conventional Straddle (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 3866.00 ft (KB) To 3884.00 ft (KB) (TVD)

Reference Elevations: 2557.00 ft (KB)

Total Depth: 3898.00 ft (KB) (TVD)

2549.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8845

Below (Straddle)

Press@RunDepth: psig @ 3895.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.08.22

End Date:

2019.08.23

Last Calib.:

2019.08.23

Start Time: 22:05:05

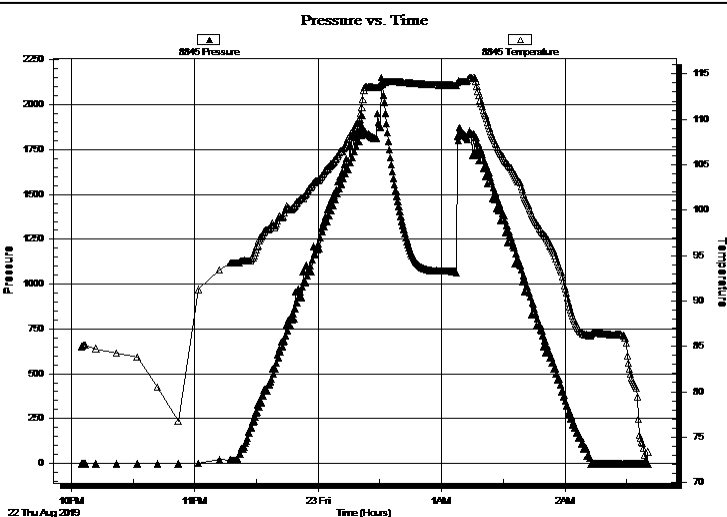
End Time:

02:40:14

Time On Btm:

Time Off Btm:

TEST COMMENT: 30- IF: 1" blow.
10- IS: No return.
Pulled Test.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
7.00	MUD 100M W/oil spots	0.10

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources, LLC

6727 W Prentice Ave
Lakewood, CO 80123

ATTN: Jim Musgrove

34-15s-27w Gove, KS

Bentley #16C-34-1527

Job Ticket: 64374

DST#: 2

Test Start: 2019.08.22 @ 22:05:00

GENERAL INFORMATION:

Formation: **LKC D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:32:00

Time Test Ended: 02:40:15

Test Type: Conventional Straddle (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: **3866.00 ft (KB) To 3884.00 ft (KB) (TVD)**

Total Depth: 3898.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2557.00 ft (KB)

2549.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8319

Outside

Press@RunDepth: psig @ 3867.00 ft (KB)

Start Date: 2019.08.22

End Date:

2019.08.23

Start Time: 22:05:05

End Time:

02:40:14

Capacity: 8000.00 psig

Last Calib.:

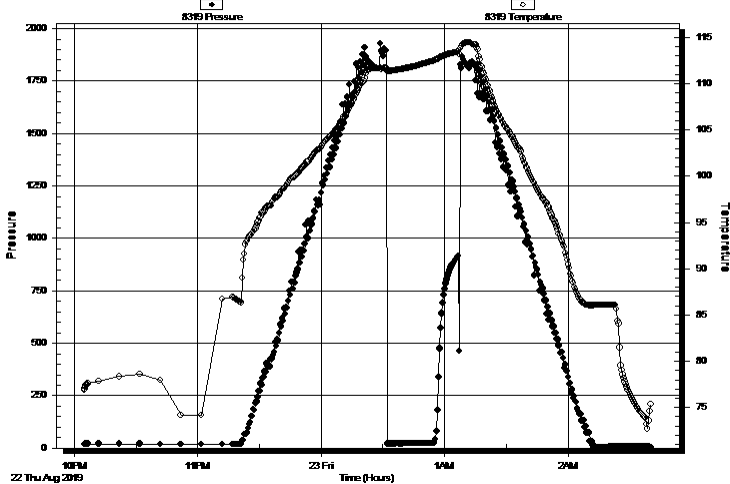
2019.08.23

Time On Btm:

Time Off Btm:

TEST COMMENT: 30- IF: 1" blow.
10- IS: No return.
Pulled Test.

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
7.00	MUD 100M W/oil spots	0.10

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources, LLC

34-15s-27w Gove, KS

6727 W Prentice Ave
Lakewood, CO 80123

Bentley #16C-34-1527

ATTN: Jim Musgrove

Job Ticket: 64374

DST#: 2

Test Start: 2019.08.22 @ 22:05:00

Tool Information

Drill Pipe:	Length: 3846.00 ft	Diameter: 3.80 inches	Volume: 53.95 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 53.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3866.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	3881.00 ft			
Interval between Packers:	15.00 ft			
Tool Length:	59.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Change Over Sub	1.00			3840.00	
Shut In Tool	5.00		Fluid	3845.00	
Hydraulic tool	5.00			3850.00	
Jars	5.00			3855.00	
Safety Joint	2.00			3857.00	
Packer	5.00		Inside	3862.00	27.00 Bottom Of Top Packer
Packer	4.00			3866.00	
Stubb	1.00			3867.00	
Recorder	0.00	8319	Outside	3867.00	
Recorder	0.00	8522	Inside	3867.00	
Perforations	13.00			3880.00	
Blank Off Sub	1.00			3881.00	15.00 Tool Interval
Packer	3.00			3884.00	
Stubb	1.00			3885.00	
Perforations	10.00			3895.00	
Recorder	0.00	8845	Below	3895.00	
Bullnose	3.00			3898.00	17.00 Bottom Packers & Anchor
Total Tool Length:	59.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources, LLC

34-15s-27w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Bentley #16C-34-1527

Job Ticket: 64374

DST#: 2

ATTN: Jim Musgrove

Test Start: 2019.08.22 @ 22:05:00

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 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
7.00	MUD 100M W/oil spots	0.098

Total Length: 7.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

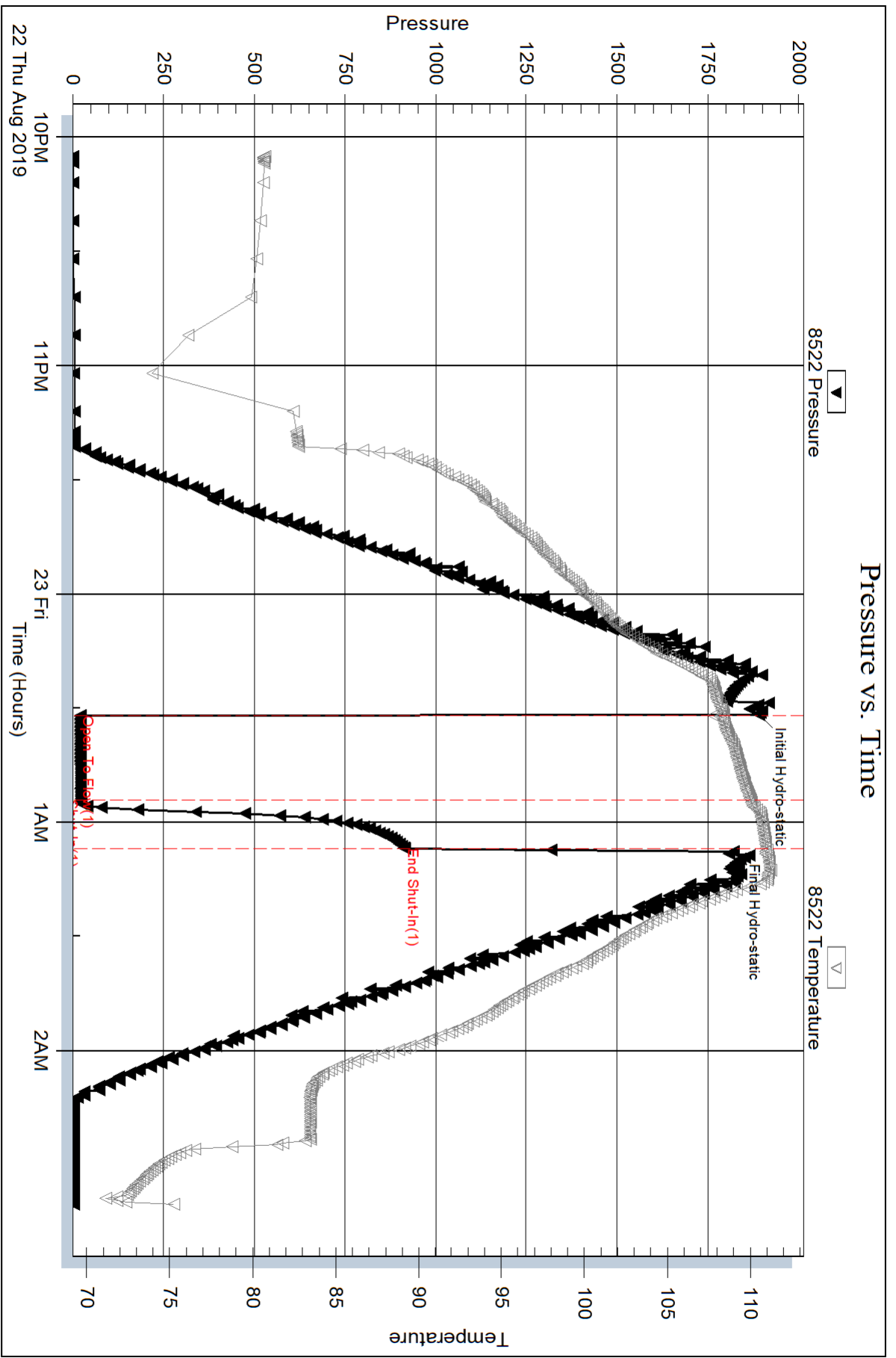
Num Gas Bombs: 0

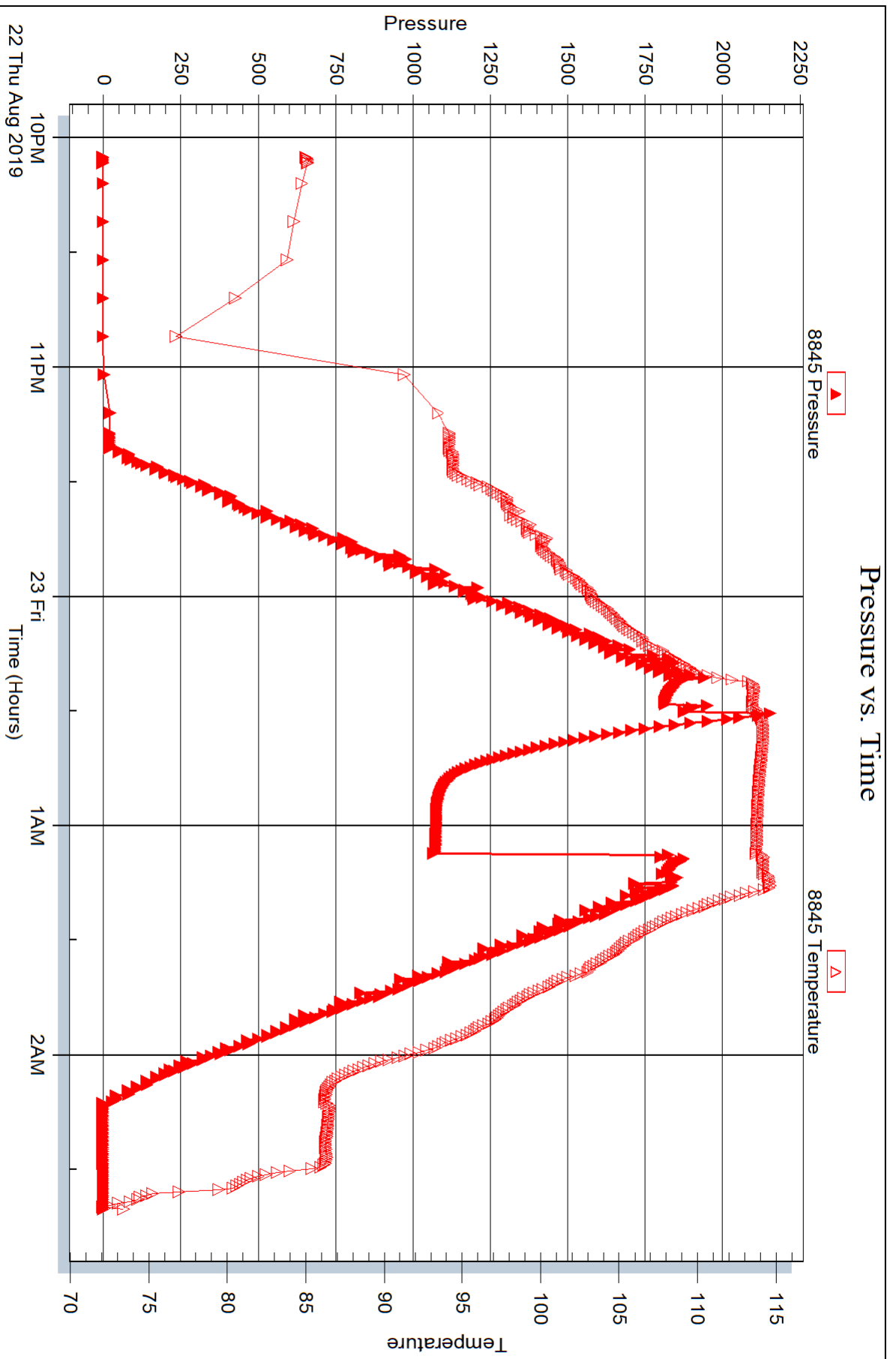
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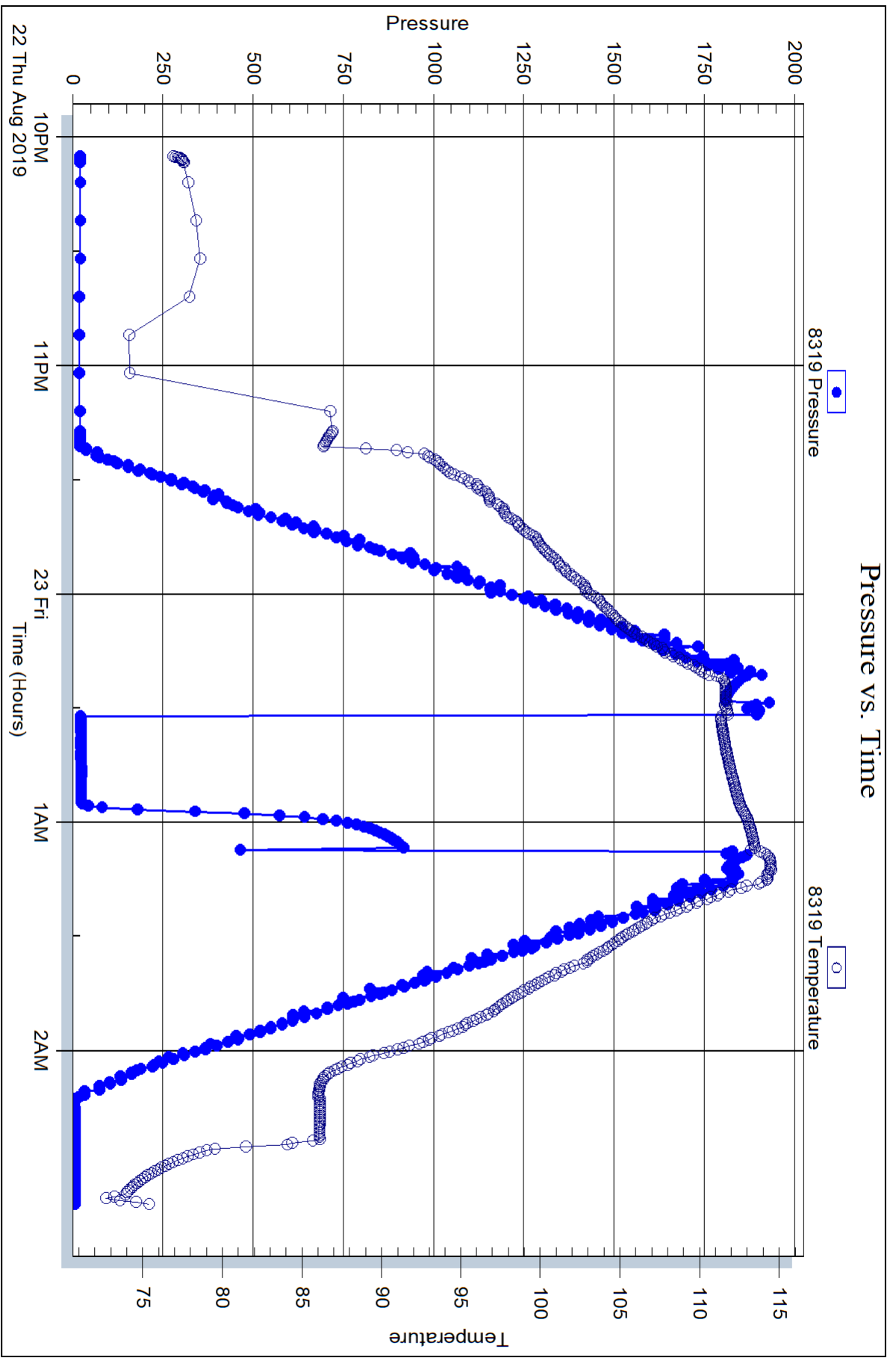
Laboratory Name:

Laboratory Location:

Recovery Comments:









DRILL STEM TEST REPORT

Prepared For: **US Oil Resources, LLC**

6727 W Prentice Ave
Lakewood, CO 80123

ATTN: Jim Musgrove

Bentley #16C-34-1527

34-15s-27w Gove,KS

Start Date: 2019.08.24 @ 03:29:00

End Date: 2019.08.24 @ 10:50:30

Job Ticket #: 64375 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.08.26 @ 10:54:14

US Oil Resources, LLC
34-15s-27w Gove,KS
Bentley #16C-34-1527
DST # 3
LKC J
2019.08.24



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources, LLC
 6727 W Prentice Ave
 Lakewood, CO 80123
 ATTN: Jim Musgrove

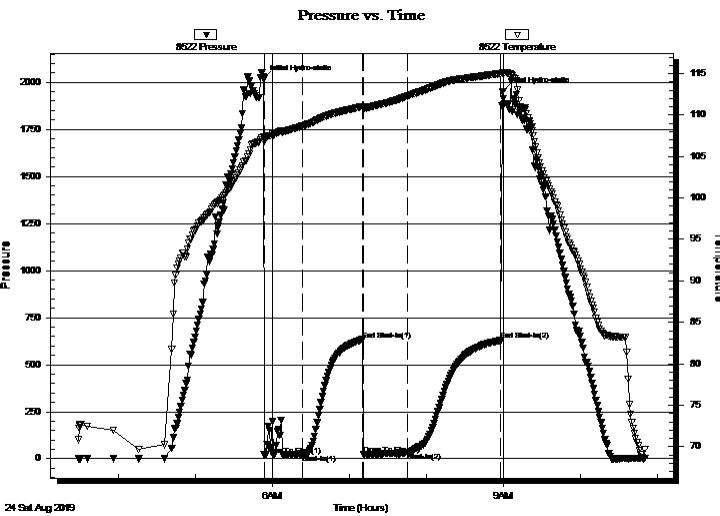
34-15s-27w Gove, KS
Bentley #16C-34-1527
 Job Ticket: 64375 **DST#: 3**
 Test Start: 2019.08.24 @ 03:29:00

GENERAL INFORMATION:

Formation: **LKC J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:53:30
 Time Test Ended: 10:50:30
 Interval: **4043.00 ft (KB) To 4076.00 ft (KB) (TVD)**
 Total Depth: 4076.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 2557.00 ft (KB)
 2549.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8522 Inside
 Press@RunDepth: 32.76 psig @ 4044.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.08.24 End Date: 2019.08.24 Last Calib.: 2019.08.24
 Start Time: 03:29:05 End Time: 10:50:29 Time On Btm: 2019.08.24 @ 05:53:15
 Time Off Btm: 2019.08.24 @ 08:59:15

TEST COMMENT: 30- IF: 1 1/4" blow .
 45- IS: No return.
 45- FF: 1/2" blow .
 60- FSI: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2016.68	107.36	Initial Hydro-static
1	21.04	106.77	Open To Flow (1)
31	24.05	108.69	Shut-In(1)
77	632.87	111.02	End Shut-In(1)
78	23.46	110.74	Open To Flow (2)
112	32.76	112.29	Shut-In(2)
185	628.94	115.02	End Shut-In(2)
186	1951.16	115.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	w cm 20w 80mw /oil spots on top	0.28

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources, LLC
 6727 W Prentice Ave
 Lakewood, CO 80123
 ATTN: Jim Musgrove

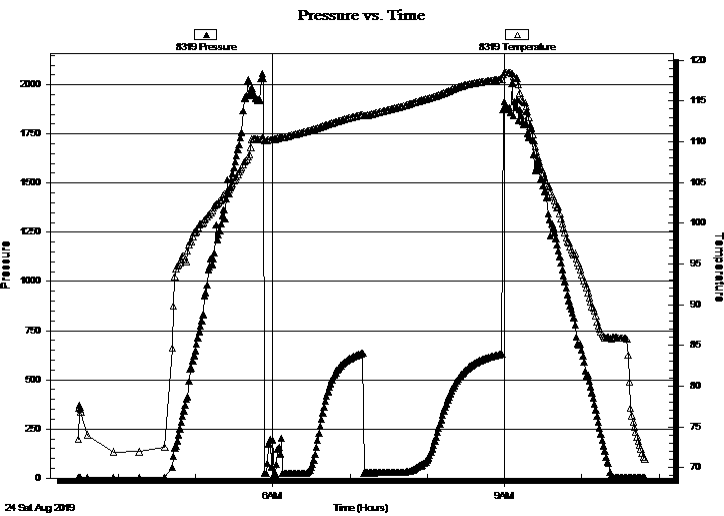
34-15s-27w Gove, KS
Bentley #16C-34-1527
 Job Ticket: 64375 **DST#: 3**
 Test Start: 2019.08.24 @ 03:29:00

GENERAL INFORMATION:

Formation: **LKC J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:53:30
 Time Test Ended: 10:50:30
Interval: 4043.00 ft (KB) To 4076.00 ft (KB) (TVD)
 Total Depth: 4076.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 2557.00 ft (KB)
 2549.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8319 Outside
 Press@RunDepth: psig @ 4044.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.08.24 End Date: 2019.08.24 Last Calib.: 2019.08.24
 Start Time: 03:29:05 End Time: 10:49:14 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30- IF: 1 1/4" blow .
 45- IS: No return.
 45- FF: 1/2" blow .
 60- FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	w cm 20w 80mw /oil spots on top	0.28

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources, LLC

34-15s-27w Gove, KS

6727 W Prentice Ave
Lakewood, CO 80123

Bentley #16C-34-1527

Job Ticket: 64375

DST#: 3

ATTN: Jim Musgrove

Test Start: 2019.08.24 @ 03:29:00

Tool Information

Drill Pipe:	Length: 4034.00 ft	Diameter: 3.80 inches	Volume: 56.59 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 56.59 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4043.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 ft			
Tool Length:	60.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4017.00	
Shut In Tool	5.00		Fluid	4022.00	
Hydraulic tool	5.00			4027.00	
Jars	5.00			4032.00	
Safety Joint	2.00			4034.00	
Packer	5.00		Inside	4039.00	27.00 Bottom Of Top Packer
Packer	4.00			4043.00	
Stubb	1.00			4044.00	
Recorder	0.00	8522	Inside	4044.00	
Recorder	0.00	8319	Outside	4044.00	
Perforations	29.00			4073.00	
Bullnose	3.00			4076.00	33.00 Bottom Packers & Anchor

Total Tool Length: 60.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources, LLC

34-15s-27w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Bentley #16C-34-1527

Job Ticket: 64375

DST#: 3

ATTN: Jim Musgrove

Test Start: 2019.08.24 @ 03:29:00

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:

27000 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	w cm 20w 80m w/oil spots on top	0.281

Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0

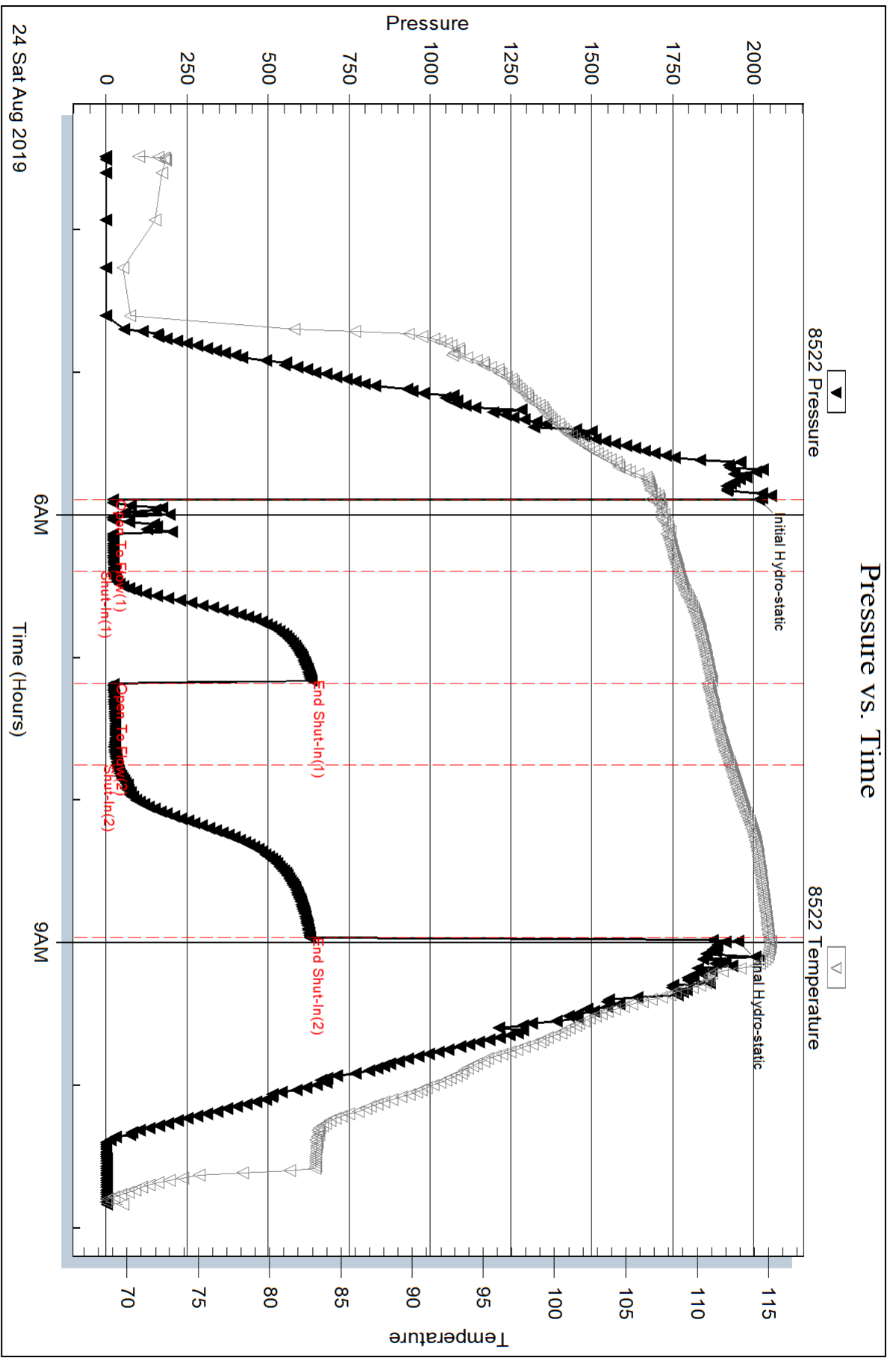
Num Gas Bombs: 0

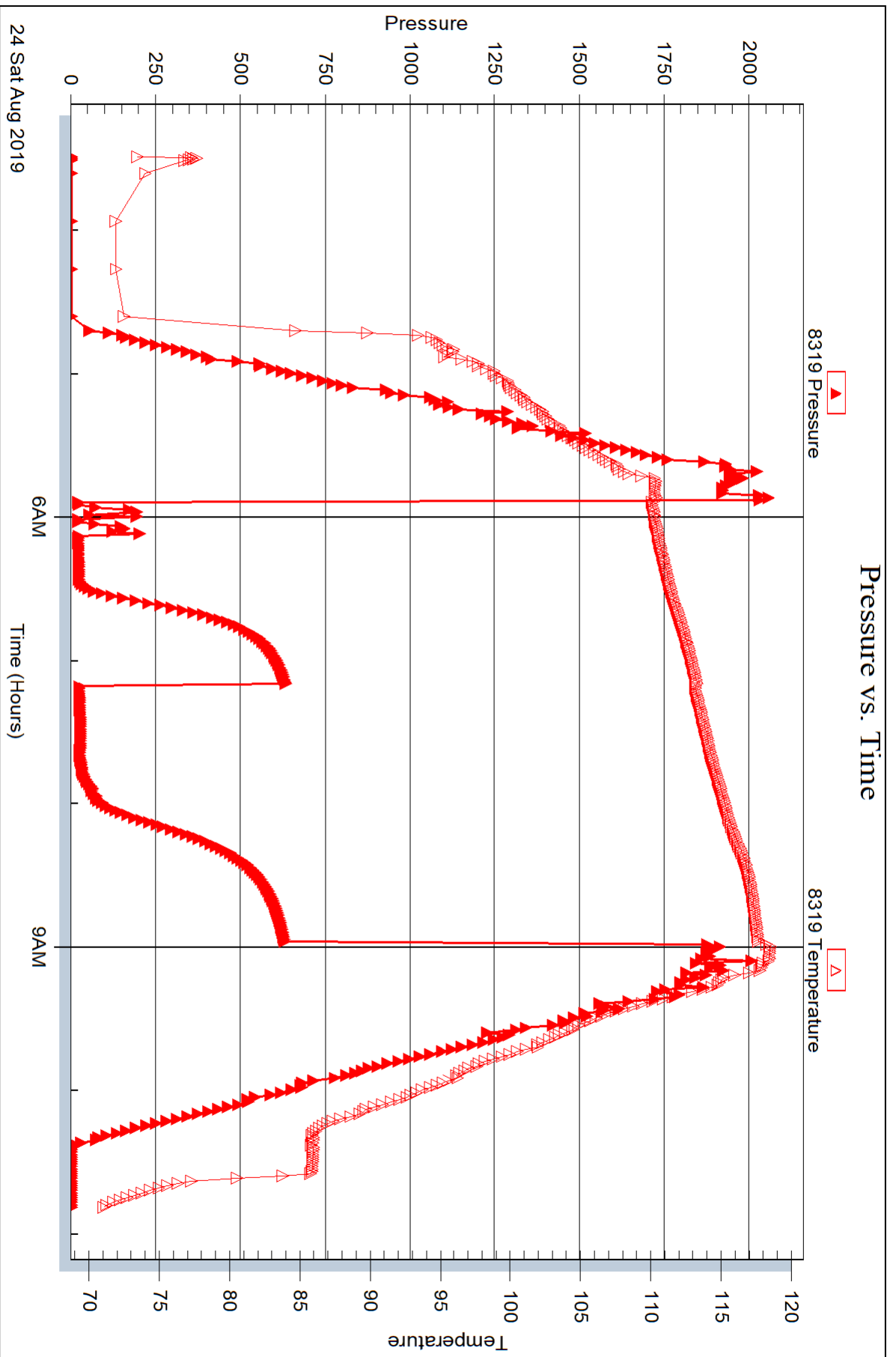
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .252 @ 70f = 27000ppm







DRILL STEM TEST REPORT

Prepared For: **US Oil Resources, LLC**

6727 W Prentice Ave
Lakewood, CO 80123

ATTN: Jim Musgrove

Bentley #16C-34-1527

34-15s-27w Gove,KS

Start Date: 2019.08.25 @ 23:39:00

End Date: 2019.08.26 @ 05:34:30

Job Ticket #: 64801 DST #: 4

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.08.26 @ 10:49:59



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources, LLC

34-15s-27w Gove, KS

6727 W Prentice Ave
Lakewood, CO 80123

Bentley #16C-34-1527

ATTN: Jim Musgrove

Job Ticket: 64801

DST#: 4

Test Start: 2019.08.25 @ 23:39:00

GENERAL INFORMATION:

Formation: **Miss - Warsaw**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:52:15

Time Test Ended: 05:34:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4395.00 ft (KB) To 4405.00 ft (KB) (TVD)

Reference Elevations: 2557.00 ft (KB)

Total Depth: 4405.00 ft (KB) (TVD)

2549.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8522

Inside

Press@RunDepth: 21.75 psig @ 4396.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.08.25

End Date:

2019.08.26

Last Calib.:

2019.08.26

Start Time: 23:39:05

End Time:

05:34:29

Time On Btm:

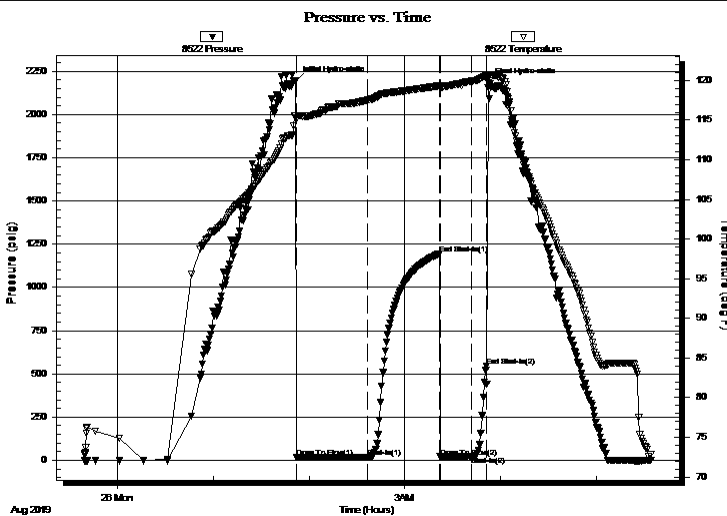
2019.08.26 @ 01:51:45

Time Off Btm:

2019.08.26 @ 03:52:30

TEST COMMENT: 45- IF: 1/2" blow , receded to surface.
45- IS: No return.
20- FF: No blow , Flushed tool, No blow .
Pulled test

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2194.31	115.58	Initial Hydro-static
1	17.20	115.20	Open To Flow (1)
45	19.47	117.51	Shut-In(1)
90	1194.20	119.32	End Shut-In(1)
91	20.10	119.08	Open To Flow (2)
111	21.75	119.92	Shut-In(2)
120	544.75	120.55	End Shut-In(2)
121	2184.97	120.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100m (Oil specks)	0.14

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

US Oil Resources, LLC

34-15s-27w Gove, KS

6727 W Prentice Ave
Lakewood, CO 80123

Bentley #16C-34-1527

ATTN: Jim Musgrove

Job Ticket: 64801

DST#: 4

Test Start: 2019.08.25 @ 23:39:00

GENERAL INFORMATION:

Formation: **Miss - Warsaw**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:52:15

Time Test Ended: 05:34:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4395.00 ft (KB) To 4405.00 ft (KB) (TVD)

Reference Elevations: 2557.00 ft (KB)

Total Depth: 4405.00 ft (KB) (TVD)

2549.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8319

Outside

Press@RunDepth: psig @ 4396.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.08.25 End Date: 2019.08.26

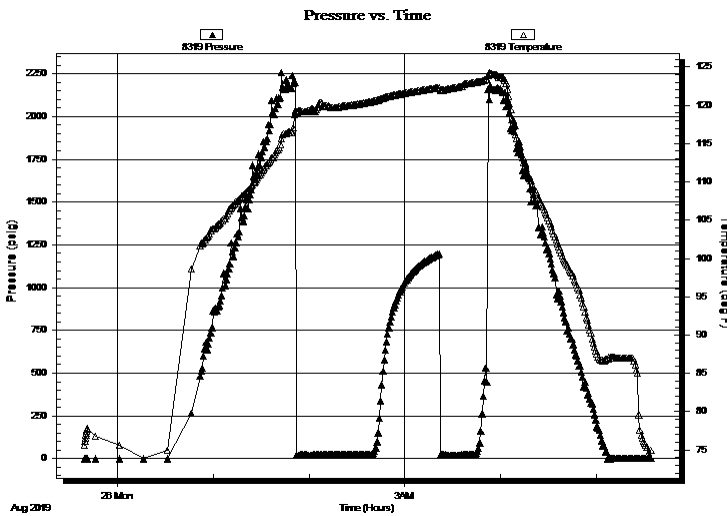
Last Calib.: 2019.08.26

Start Time: 23:39:05 End Time: 05:34:29

Time On Btm:

Time Off Btm:

TEST COMMENT: 45- IF: 1/2" blow , receded to surface.
45- IS: No return.
20- FF: No blow , Flushed tool , No blow .
Pulled test



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100m (Oil specks)	0.14

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources, LLC

34-15s-27w Gove, KS

6727 W Prentice Ave
Lakewood, CO 80123

Bentley #16C-34-1527

Job Ticket: 64801

DST#: 4

ATTN: Jim Musgrove

Test Start: 2019.08.25 @ 23:39:00

Tool Information

Drill Pipe:	Length: 4380.00 ft	Diameter: 3.80 inches	Volume: 61.44 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 61.44 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4395.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	37.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4369.00	
Shut In Tool	5.00		Fluid	4374.00	
Hydraulic tool	5.00			4379.00	
Jars	5.00			4384.00	
Safety Joint	2.00			4386.00	
Packer	5.00		Inside	4391.00	27.00 Bottom Of Top Packer
Packer	4.00			4395.00	
Stubb	1.00			4396.00	
Recorder	0.00	8522	Inside	4396.00	
Recorder	0.00	8319	Outside	4396.00	
Perforations	6.00			4402.00	
Bullnose	3.00			4405.00	10.00 Bottom Packers & Anchor

Total Tool Length: 37.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources, LLC

34-15s-27w Gove, KS

6727 W Prentice Ave
Lakewood, CO 80123

Bentley #16C-34-1527

Job Ticket: 64801

DST#: 4

ATTN: Jim Musgrove

Test Start: 2019.08.25 @ 23:39:00

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
10.00	mud 100m (Oil specks)	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

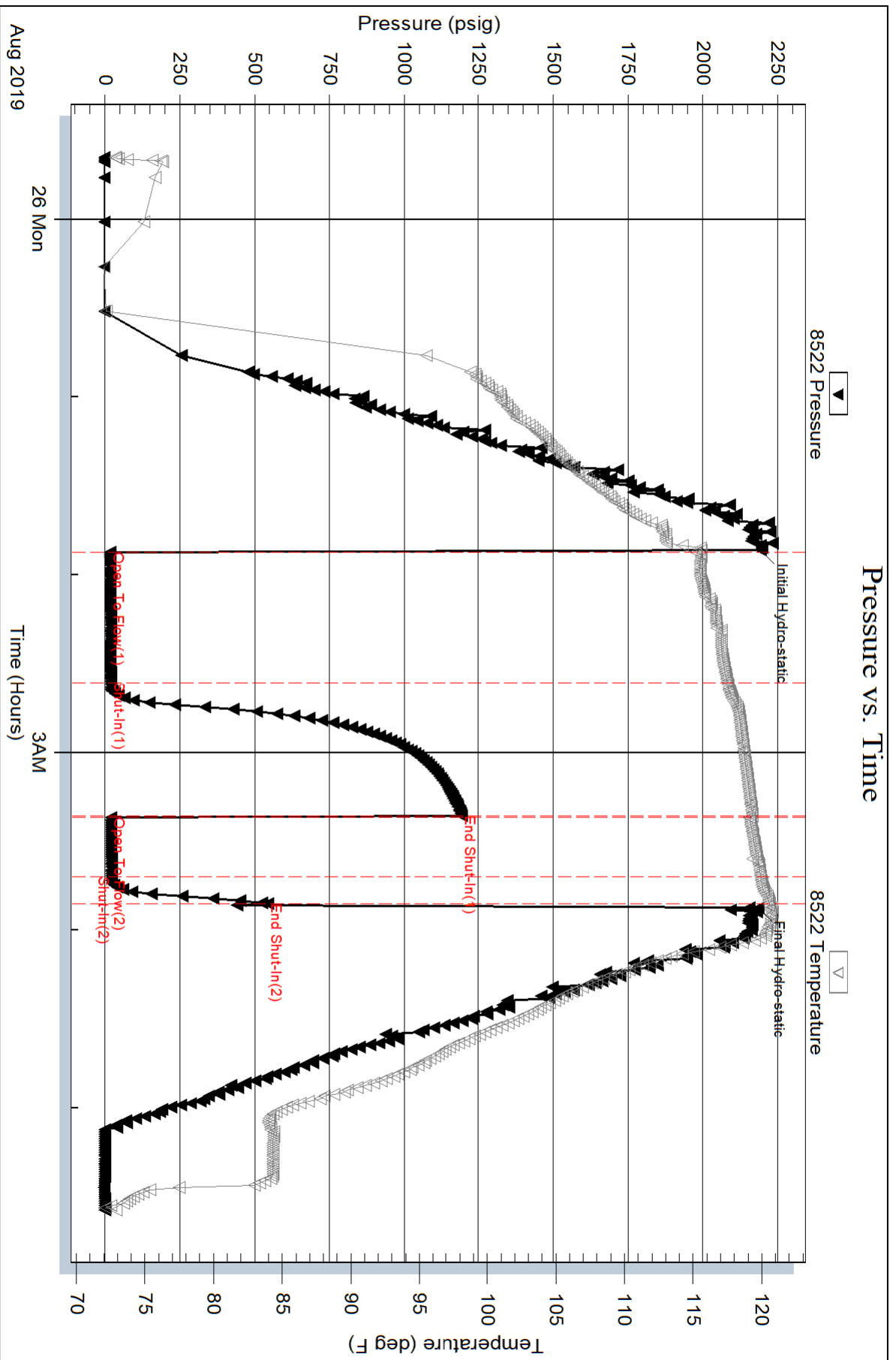
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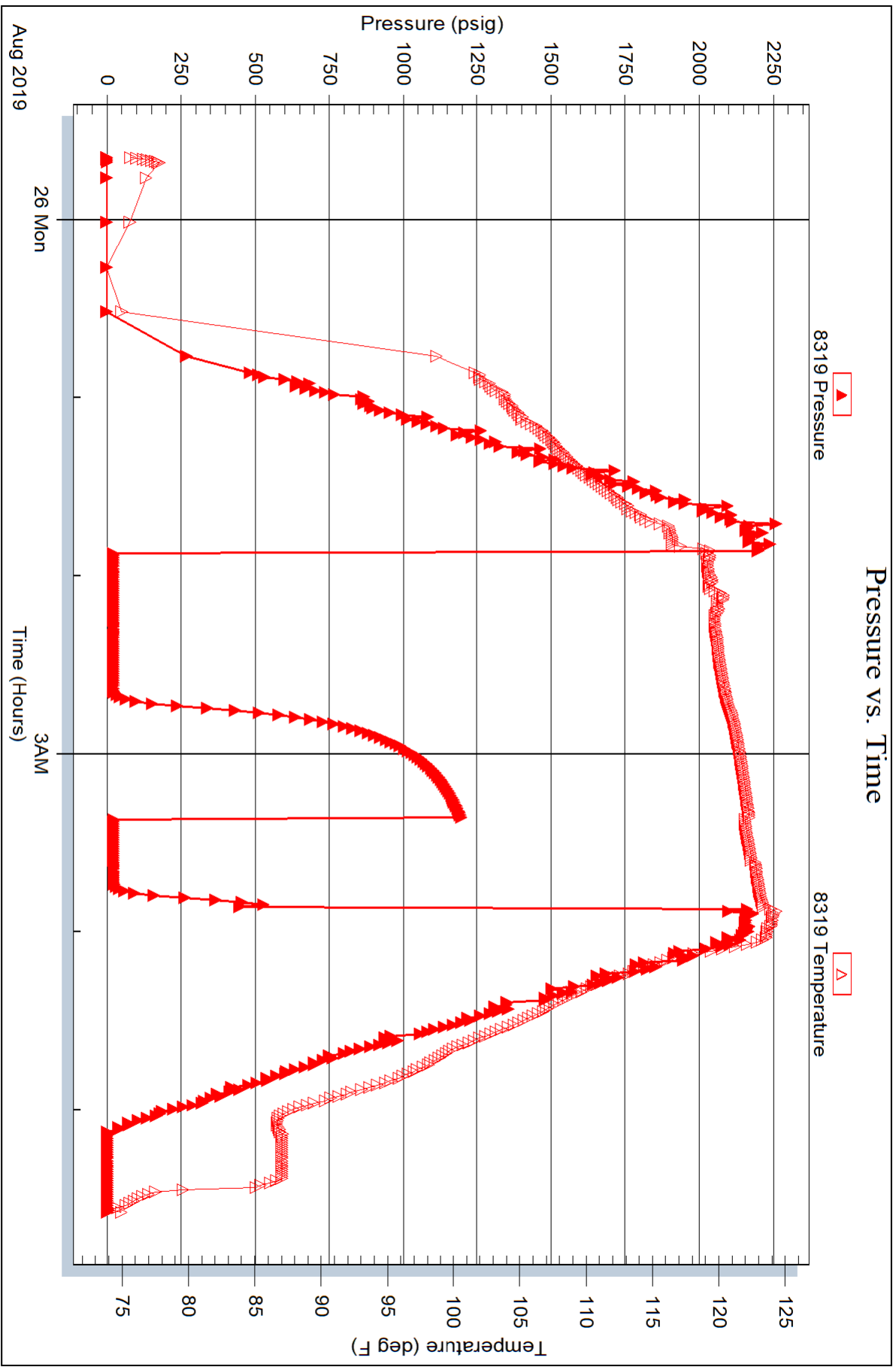
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **64373**

Well Name & No. Bentley 16C-34-1527 Test No. 1 Date 8/22/2019
 Company US Oil Resources, LLC Elevation 2557 KB 2549 GL
 Address 6727 W Prentice Ave Lakewood, Co 80123
 Co. Rep / Geo. Jim Musgrove Rig Doke #2
 Location: Sec. 34 Twp. 15 S Rge. 27W Co. Gove State Ks

Interval Tested 3750 - 3786 Zone Tested Toronto
 Anchor Length 36' Drill Pipe Run 3753 Mud Wt. 8.9
 Top Packer Depth 3745 Drill Collars Run 0 Vis 55
 Bottom Packer Depth 3750 Wt. Pipe Run 0 WL 7.2
 Total Depth 3786 Chlorides 1500 ppm System LCM 2#

Blow Description IF: 3" blow
FI: No return.
FF: 3" blow
FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>oil</u>				
<u>60</u>	<u>50 wcm</u>		<u>2</u>	<u>28</u>	<u>70</u>

Rec Total 65 BHT 112 Gravity 36 API RW .418 @ 69 °F Chlorides 15,000 ppm
 (A) Initial Hydrostatic 1815 Test 1200 T-On Location 2300 8/21
 (B) First Initial Flow 24 Jars 250 T-Started 0335 8/22
 (C) First Final Flow 35 Safety Joint _____ T-Open 0638
 (D) Initial Shut-In 991 Circ Sub _____ T-Pulled 0938
 (E) Second Initial Flow 41 Hourly Standby _____ T-Out 1139
 (F) Second Final Flow 56 Mileage 90 RT 90 Comments _____
 (G) Final Shut-In 979 Sampler _____
 (H) Final Hydrostatic 1789 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60

Sub Total 1540

MP/DST Disc# _____

Approved By _____ Our Representative

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **64374**

Well Name & No. Bentley 16c -34-1527 Test No. 2 Date 8/23/2019
 Company US O.I Resources, LLC Elevation 2557 KB 2549 GL
 Address 6427 W Prentice Ave Lakewood Co 60123
 Co. Rep / Geo. Jim Musgrove Rig Duke #2
 Location: Sec. 34 Twp. 15s Rge. 27w Co. Gove State Ks

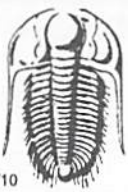
Interval Tested 3866-3884 Zone Tested LKC D
 Anchor Length 18 Drill Pipe Run 3846 Mud Wt. 9.0
 Top Packer Depth 3866 + ~~3984~~ 3861 Drill Collars Run — Vis SS
^{Straddle} Bottom Packer Depth 3884 Wt. Pipe Run — WL 7.2
 Total Depth 3898 Chlorides 1500 ppm System LCM 2#
 Blow Description IF 1" blow
ISI No return.
Pulled test

Rec	Feet of	%gas	%oil	%water	%mud
<u>7</u>	<u>MUD</u>			<u>100</u>	
	<u>oil spots</u>				

Rec Total 7 BHT 111 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>1892</u>	<input checked="" type="checkbox"/> Test <u>1200</u>	T-On Location <u>2208</u>
(B) First Initial Flow <u>21</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>2205</u>
(C) First Final Flow <u>22</u>	<input type="checkbox"/> Safety Joint	T-Open <u>0035</u>
(D) Initial Shut-In <u>914</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>0110</u>
(E) Second Initial Flow <u>—</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0240</u>
(F) Second Final Flow <u>—</u>	<input checked="" type="checkbox"/> Mileage <u>90RT</u> 90	Comments
(G) Final Shut-In <u>—</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1821</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<input type="checkbox"/> Ruined Shale Packer
	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>10</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>Pull</u>	<input type="checkbox"/> Day Standby	Total <u>2390</u>
Final Shut-In	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>2390</u>	

Approved By _____ Our Representative [Signature]
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **64375**

Well Name & No. Dentley 16c - 34-1527 Test No. 3 Date 8/24/2019
 Company US Oil Resources, LLC Elevation 2257 KB 2549 GL
 Address 6427 W Prentice Ave Lakeview Co 80123
 Co. Rep / Geo. Jim Musgrave Rig _____
 Location: Sec. 34 Twp. 15S Rge. 27W Co. Gove State Ks

Interval Tested 4043 - 4076 Zone Tested LKC J
 Anchor Length 33 Drill Pipe Run 4034 Mud Wt. 9.2
 Top Packer Depth 4038 Drill Collars Run 0 Vis 6'
 Bottom Packer Depth 4043 Wt. Pipe Run 0 WL 1"
 Total Depth 4076 Chlorides 2400 ppm System LCM 1"
 Blow Description IT 1 1/4" blow
IST No return
FF 1/2" blow
FST No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>WCM</u>				
					<u>oil spots on top</u>

Rec Total 20 BHT 115 Gravity - API RW .252 @ 70 °F Chlorides 2700 ppm
 (A) Initial Hydrostatic 2017 Test 1300 T-On Location 0215
 (B) First Initial Flow 21 Jars 250 T-Started 0229
 (C) First Final Flow 24 Safety Joint _____ T-Open 0556
 (D) Initial Shut-In 633 Circ Sub _____ T-Pulled 0856
 (E) Second Initial Flow 23 Hourly Standby _____ T-Out 1049
 (F) Second Final Flow 33 Mileage ADRT Comments _____
 (G) Final Shut-In 629 Sampler _____
 (H) Final Hydrostatic 1951 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1550

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1550
 MP/DST Disc't _____

Approved By _____ Our Representative 

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **64801**

Well Name & No. Bentley 16c-34-1527 Test No. 4 Date 8/26/2019
 Company US Oil Resources, LLC Elevation 2257 KB 2549 GL
 Address 6427 W Prentice Ave Lake wood Co 80123
 Co. Rep / Geo. Jim Musgrave Rig Duke #2
 Location: Sec. 34 Twp 15S Rge. 27W Co. Gove State Ks

Interval Tested 4395-4405 Zone Tested Miss - Warsaw
 Anchor Length 10' Drill Pipe Run 4380 Mud Wt. 9.1
 Top Packer Depth 4390 Drill Collars Run 0 Vis 52
 Bottom Packer Depth 4395 Wt. Pipe Run 0 WL 7.6
 Total Depth 4405 Chlorides 2700 ppm System LCM 2#

Blow Description IF 1/2" blow to surface receded to surface
ISI No return.
FF No blow flushed tool no blow
PSI Pooled test

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>mud</u>			<u>100</u>	
	<u>oil specks</u>				

Rec Total 16 BHT 120 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2194</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>2100</u>
(B) First Initial Flow <u>17</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>2339</u>
(C) First Final Flow <u>19</u>	<input type="checkbox"/> Safety Joint	T-Open <u>0154</u>
(D) Initial Shut-In <u>1194</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>0400</u>
(E) Second Initial Flow <u>20</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0534</u>
(F) Second Final Flow <u>22</u>	<input checked="" type="checkbox"/> Mileage <u>90RT 90</u>	Comments
(G) Final Shut-In <u>545</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2185</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> EM Tool
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Flow <u>20</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
Final Shut-In <u>Pull</u>	<input type="checkbox"/> Accessibility	Total <u>1640</u>
	Sub Total <u>1640</u>	MP/DST Disc't

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GEOLOGIST'S REPORT

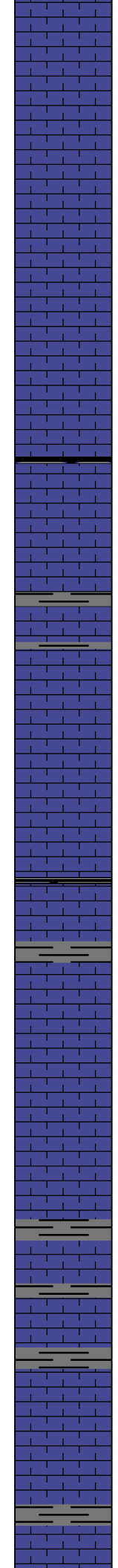
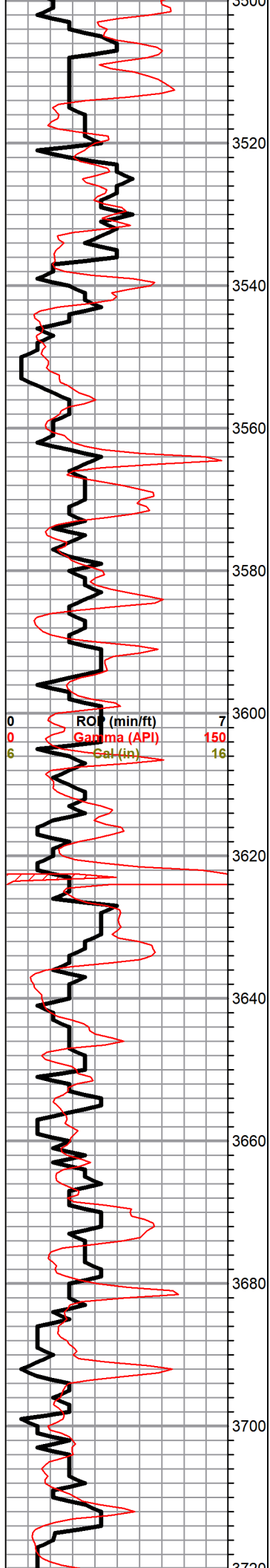
DRILLING TIME AND SAMPLE LOG

COMPANY <u>US Oil Resources, LLC</u> LEASE <u>Bentley 16C-34-1527</u> FIELD _____ LOCATION <u>C-SW-SE-SE</u> (330' FSL & 990' FEL) SEC <u>34</u> TWSP <u>15s</u> RGE <u>27W</u> COUNTY <u>Gove</u> STATE <u>Kansas</u>	ELEVATIONS KB <u>2557'</u> DF _____ GL <u>2549'</u> Measurements Are All From <u>KB</u>
CONTRACTOR <u>Duke Drilling Co. (rig # 2)</u> SPUD <u>8/16/2019</u> COMP <u>08/26/2019</u> RTD <u>4475'</u> LTD <u>4474'</u> MUD UP <u>3350'</u> TYPE MUD <u>Chemical</u>	CASING SURFACE <u>8 5/8"@212'</u> PRODUCTION <u>none</u> ELECTRICAL SURVEYS By Halliburton

SAMPLES SAVED FROM _____ 3400' TO _____ RTD
 DRILLING TIME KEPT FROM _____ 3400' TO _____ RTD
 SAMPLES EXAMINED FROM _____ 3400' TO _____ RTD
 GEOLOGICAL SUPERVISION FROM _____ 3400' TO _____ RTD
 GEOLOGIST ON WELL Jim Musgrove

FORMATION TOPS	LOG	SAMPLES	
Anhydrite	1971 (+586)		
B. Anhydrite	2008 (+549)		
Heebner	3751 (-1194)		
Toronto	3770 (-1213)		
Lansing	3788 (-1231)		
Muncie Creek Sh.	3953 (-1396)		
BKC	4101 (-1544)		

	34		



LS, tan, fxl, few cherty, dense

LS, tan, slightly cherty in pt (dense)

LS, tan, highly foss, few sub oom, fair good porosity

LS, tan, highly foss, poorly developed , no shows

Sh, black carb

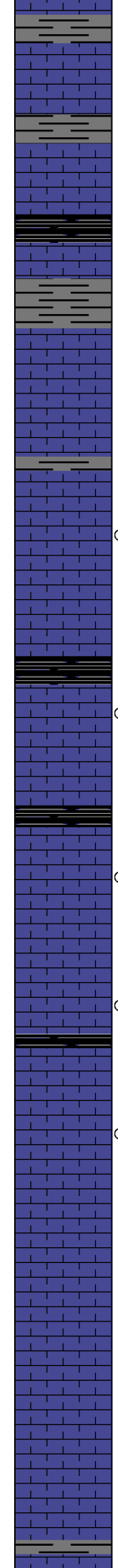
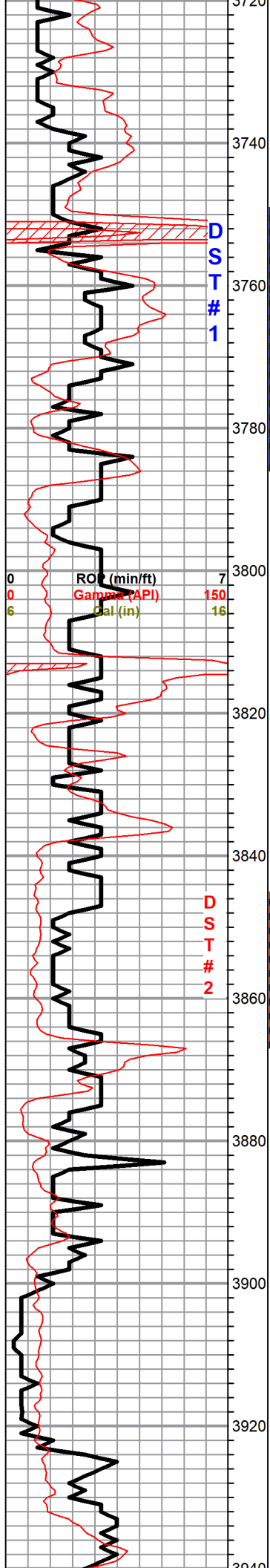
LS, white, tan, fxl, gran, few chalky -->cherty, + tr. tan chertt

LS, highly foss, ool, sparry calcite cementn poor vis. porosity, no shows

LS, a/a, + white chalk

LS, tan, gry, fxl, highly foss, gran in pt, foss. cast type porosity, no shows

0	Total Gas (Units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100



LS, white to brn, fxl, foss chalky, gran. scattered porosity,

Heebner 3752.0 (-1193.0)

Sh, black carb

Toronto 3771.0 (-1212.0)

LS, white, cream, fxl, foss in pt, slightly chalk fair to fine

Lansing 3791.0 (-1234.0)

LS, cream, white, fxl, foss in pt, slightly chalky, fair - fine vuggy p.p. por. fair stain & sat., sfo, ??? odor

LS, white, cream, ool, slightly chalky, poor porosity, tr. spotty brn stain, sfo, no odor + white chert / amber opaque cherts

LS, tan, foss, cherty in part, poorly developed, dk brn stain, nsfo, no odor

LS, white, cream, ool, foss, sparry calcite, poor vis. porosity, + white chalk

LS, white, cream, fxl, scattered fine vuggy p.p. type porosity, brn stain, sat, sfo, ft. odor (chalky)

LS, brn ool, oom, fair porosity, (no shows)

LS, a/a

LS, tan, white, fxl, chalky, dense,

DST#1 3750-3786

30-45-45-60

1st Open:

3" (weak)

2nd Open:

Same : 3" Weak

Recovery:

5' Clean Oil

6' SOWCM

(2%oil, 28%W, 70%M)

Pressures:

ISIP 991 psi

FSIP 979 psi

IFP 24-35 psi

FFP 41-56 psi

HSH 1891-1820 psi

DST #2 3844-3866

30-10-X-X

1st. Open:

Blow Weak

Rec. 7' mud (w/ oil

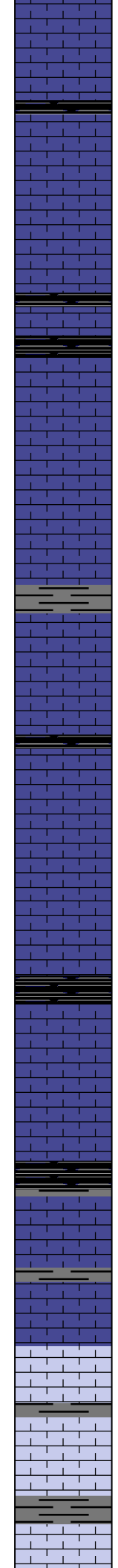
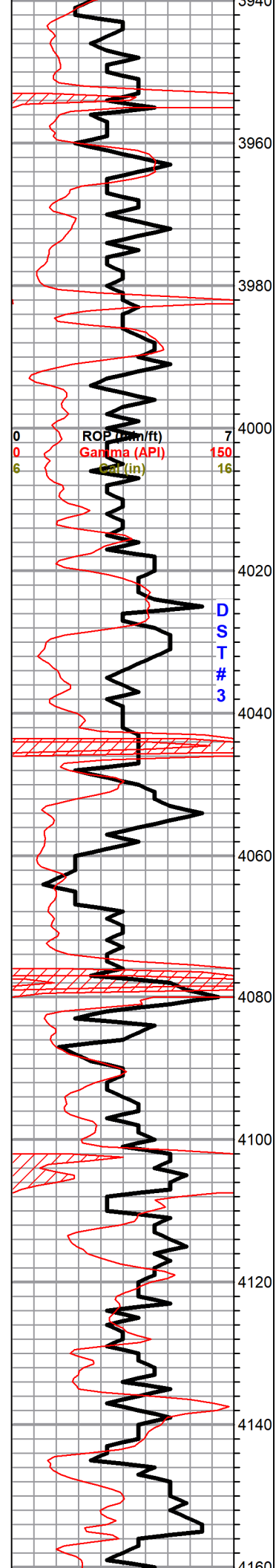
spts)

Pressures:

ISIP 914

IFP X

HSH 1891-1820



Munice Creek Sh. 3951.0 (-1394.0)

LS, tan, sub oom fair porosity no shows

Tr. blk carb sh.

LS, white, cream, tan, fxl, sl. ool, chalky, scattered inxln pp porosity. (poor) tr. brn stain, tr. fo, no odor

Tr. white, chert

LS, white/ cream, chalky, dense

LS, white, gry, ool, chalky, poor vis. porosity, tr. spty brn stain, tr. fo, no odor

Stark Sh. 4047.0 (-1490.0)

LS, white, tan, fxl, slightly dolomitic, few suc. poor -fair inxln p.p. porosity,

Hushpuckneyh Sh. 4074.0 (-1519.0)

Black carb Sh

LS, white, gry, fxl, few foss, chalky, --> cherty, poor vis. porosity, tr. blk stain, nsfo, ??? odor

BKC 4108.0 (-1551.0)

Slug black carb sh

Marmaton 4129.0 (-1573.0)

LS, white, gry, chalky, dense, + white gry chert

LS, white, chalky, poorly dev. porosity, tr. blk s[pty dead stain, nsfo, no odor

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

DST # 3 4043-4076

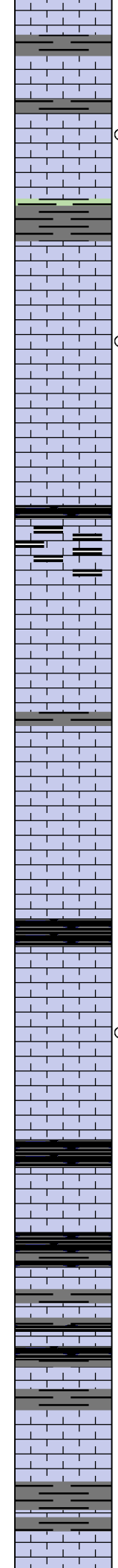
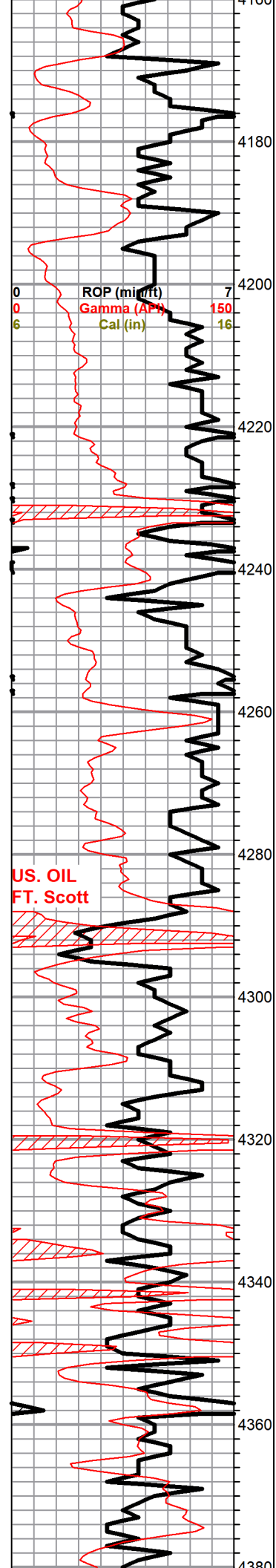
30-45-45-60

1st Open:
Weak blow(1 1/4")

2nd Open: Weak (1/2")

Recovery:
20' oil spotted muddy water

Pressures:
ISIP 633 psi
FSIP 629 psi
IFP 231-24 psi
FFP 23-33 psi
HSH 2016-1951 psi



LS gry, tan, chalky, cherty (dense) poor porosity

LS, white, cream, highly chalky, tr. white, f- med xln , tr. blk stain , nsfo, no odor

Sh, gry, green
Pawnee 4196.0 (-1639.0)

LS, white, gry, fxl, few med xln , chalky, gry-blk stan, nsfo , no odor

LS, white, gry, fxl, few gran. chalky, + gry, tan, cherts

LS, gry, dk gry, shaley in part

Myrick Station 4247.0 (-1690.0)

LS, white, tan, gry, slightly cherty, chalky, (dense)

LS, tan, gry, fxl, few foss, pool, in pt, dense

Ft. Scott " US OIL " 4289.0 (-1732.0)

Sh, black carb
Ft. Scott 4295.0 (-1738.0)

LS, tan, fxl, foss, poor vis. porosity, poor vis. porosity, blk stain ,nsfo, no odor

Cherokee Sh. 4320.0 (-1763.0)

Sh black carb

LS, a/a , dense

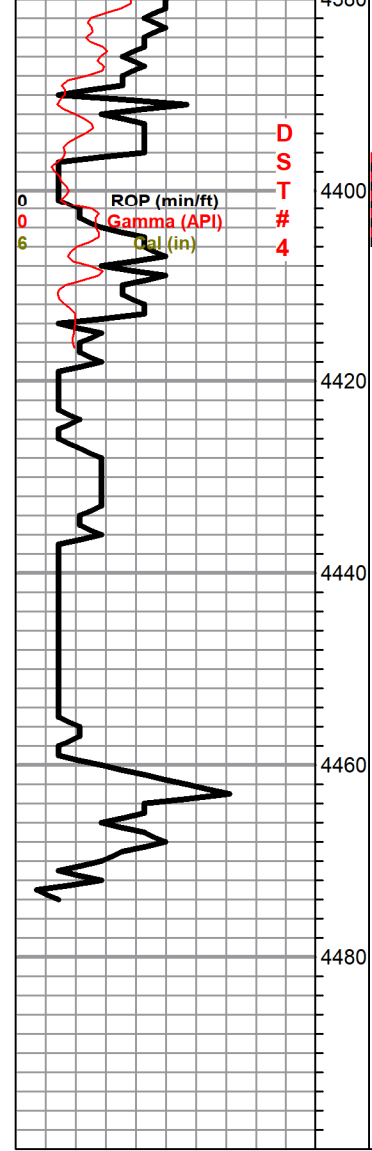
LS, white, gry, chalky, poor vis. porosity, no shows.

Sh, blk / brn shale

LS, white, gry, chalky, few foss, poor vis. porosity, no shows

LS, white, yellow, tan, chalky, tr. orange chert

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100



Miss. 4381.0 (-1824.0)

LS, white, cream, fxl, few dolomitic no shows, + white, cherty

Miss Warsaw 4392.0 (-1835.0)

Dol, gry, tan, fxl, suc. few foss, f. vuggy type porosity, brn to blk stain, fr sfo, odor / glauc.

Miss Osage 4414.0 (-1857.0)

Dol. , white fxl, suc. in pt, + white/ boney cherty & sub rhombic frosted qtz grains

Dol. a/a . + gry smokey quartz gry, foss opaque chert

Dol a/a + white/ cream, fxl, suc. slightly cherty sub rounded qtz grains

Lower Osage 4461.0 (-1904.0)

LS, tan, fxl, slightly dolomitic + tan, ool, chalky, LS, no shows

Dol, tan, fxl, suc. white, cream, boney opaque chert

RTD 4475.0 (-1918.0)

DST#4 4395-4405

45-45-20-X

1st Open :
Blow, Weak

Rec.
10' mud; oil spts,

Pressures:
ISIP 1194 psi
FSIP 545 psi
IFP 17-19 psi
FFP 20-21 psi
HSH 2194-2184 psi

