

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	Brito Oil Company, Inc.
Well Name	WERTH 1-35
Doc ID	1405951

All Electric Logs Run

Dual Induction
Comp Density Neutron
Micro Laterlog
Sonic

Form	ACO1 - Well Completion
Operator	Brito Oil Company, Inc.
Well Name	WERTH 1-35
Doc ID	1405951

Tops

Name	Top	Datum
Anhydrite	2115	474
B/Anhy	2159	430
Heebner	3827	-1238
Lansing	3875	-1284
Muncie Crk	4006	-1417
Stark	4084	-1495
BKC	4135	-1546
Marmaton	4160	-1571
Pawnee	4276	-1687
Ft Scott	4344	-1755
Cherokee	4370	-1781
Mississippi	4444	-1855



DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company**

1223 N Rock Rd
Wichita, KS 67206

ATTN: Robert Hendrix

Werth #1-35

35-12-26 Gove,KS

Start Date: 2018.03.05 @ 23:16:46

End Date: 2018.03.06 @ 06:47:16

Job Ticket #: 64308 DST #: 1

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

Printed: 2018.03.13 @ 08:54:55



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company

35-12-26 Gove,KS

1223 N Rock Rd
Wichita, KS 67206

Werth #1-35

Job Ticket: 64308

DST#: 1

ATTN: Robert Hendrix

Test Start: 2018.03.05 @ 23:16:46

GENERAL INFORMATION:

Formation: **LKC B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:32:46

Time Test Ended: 06:47:16

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Interval: 3890.00 ft (KB) To 3907.00 ft (KB) (TVD)

Reference Elevations: 2589.00 ft (KB)

Total Depth: 3907.00 ft (KB) (TVD)

2579.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8166

Inside

Press@RunDepth: 23.03 psig @ 3891.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.03.05

End Date:

2018.03.06

Last Calib.:

2018.03.06

Start Time: 23:16:51

End Time:

06:47:15

Time On Btm:

2018.03.06 @ 01:31:46

Time Off Btm:

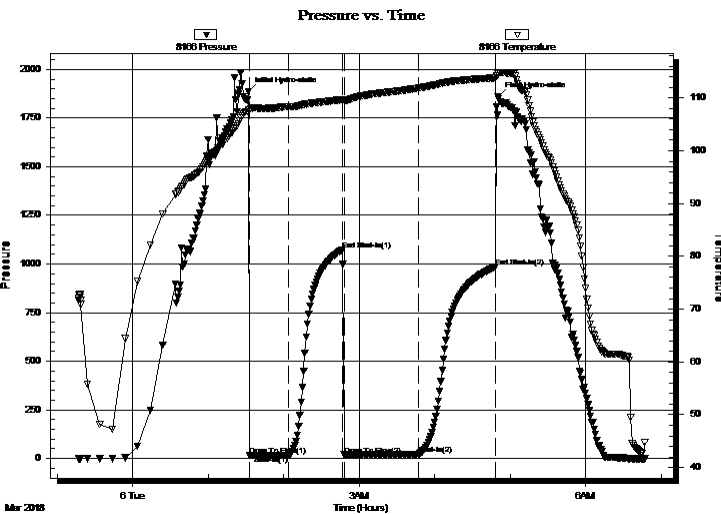
2018.03.06 @ 04:50:16

TEST COMMENT: IF: 1/4" blow built to 2"

IS: No return.

FF: Surface blow built to 2 1/2"

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1886.80	107.74	Initial Hydro-static
1	16.93	107.69	Open To Flow (1)
32	16.99	108.31	Shut-In(1)
75	1071.51	109.68	End Shut-In(1)
77	18.53	109.51	Open To Flow (2)
136	23.03	111.88	Shut-In(2)
197	985.74	113.81	End Shut-In(2)
199	1860.16	114.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	ocm 10%o 90%m	0.43
3.00	free oil 100%o	0.04

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company

35-12-26 Gove, KS

1223 N Rock Rd
Wichita, KS 67206

Werth #1-35

Job Ticket: 64308

DST#: 1

ATTN: Robert Hendrix

Test Start: 2018.03.05 @ 23:16:46

Tool Information

Drill Pipe:	Length: 3878.00 ft	Diameter: 3.80 inches	Volume: 54.40 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 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: 75000.00 lb
			<u>Total Volume: 54.40 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3890.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 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
Stubb	1.00			3871.00	
Shut In Tool	5.00			3876.00	
Hydraulic tool	5.00			3881.00	
Packer	5.00			3886.00	20.00 Bottom Of Top Packer
Packer	4.00			3890.00	
Stubb	1.00			3891.00	
Recorder	0.00	8166	Inside	3891.00	
Recorder	0.00	6651	Outside	3891.00	
Perforations	11.00			3902.00	
Bullnose	5.00			3907.00	17.00 Bottom Packers & Anchor
Total Tool Length:	37.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company

35-12-26 Gove,KS

1223 N Rock Rd
Wichita, KS 67206

Werth #1-35

Job Ticket: 64308

DST#: 1

ATTN: Robert Hendrix

Test Start: 2018.03.05 @ 23:16:46

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	ocm 10%o 90%m	0.435
3.00	free oil 100%o	0.042

Total Length: 34.00 ft Total Volume: 0.477 bbl

Num Fluid Samples: 0

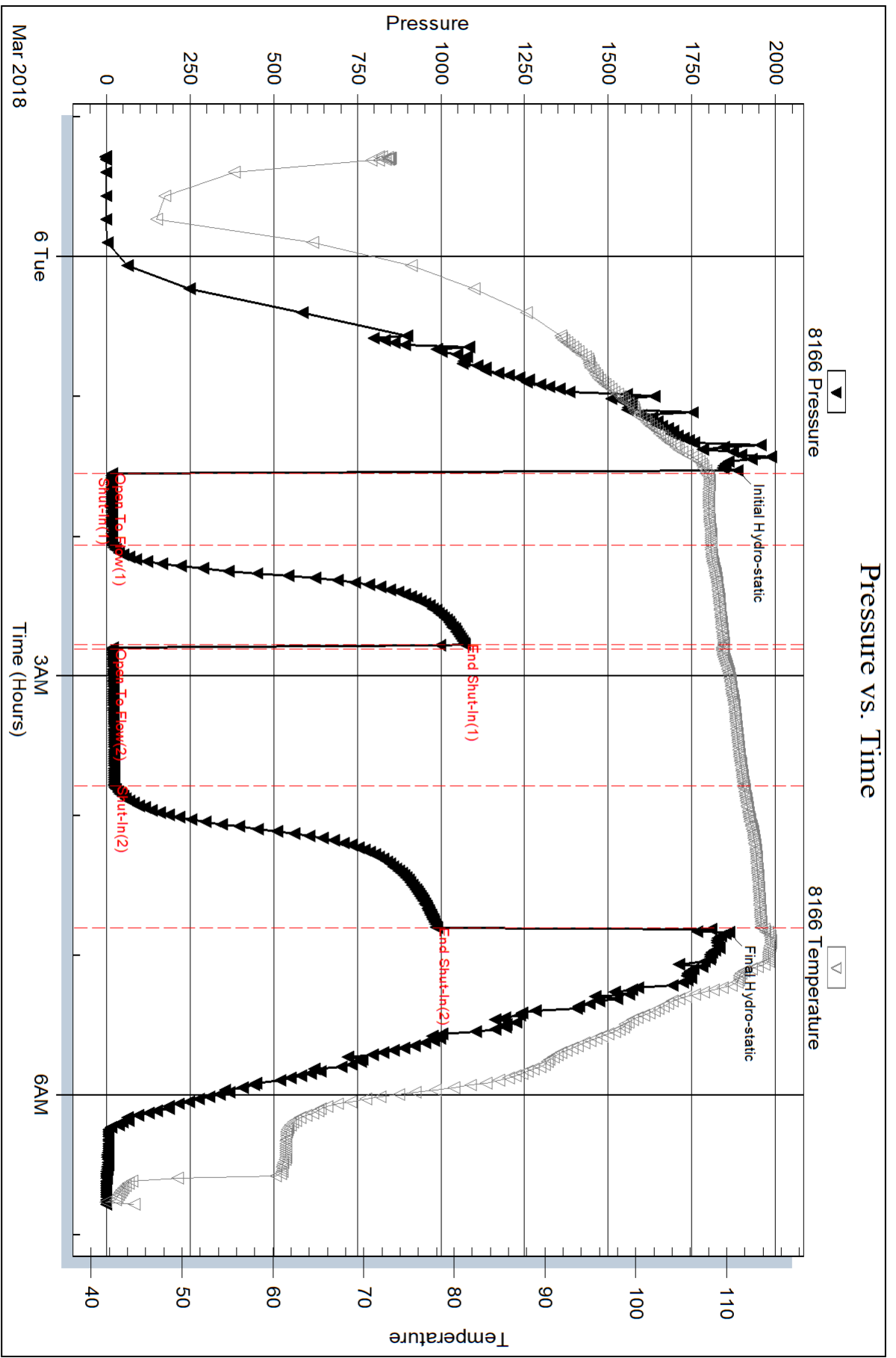
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

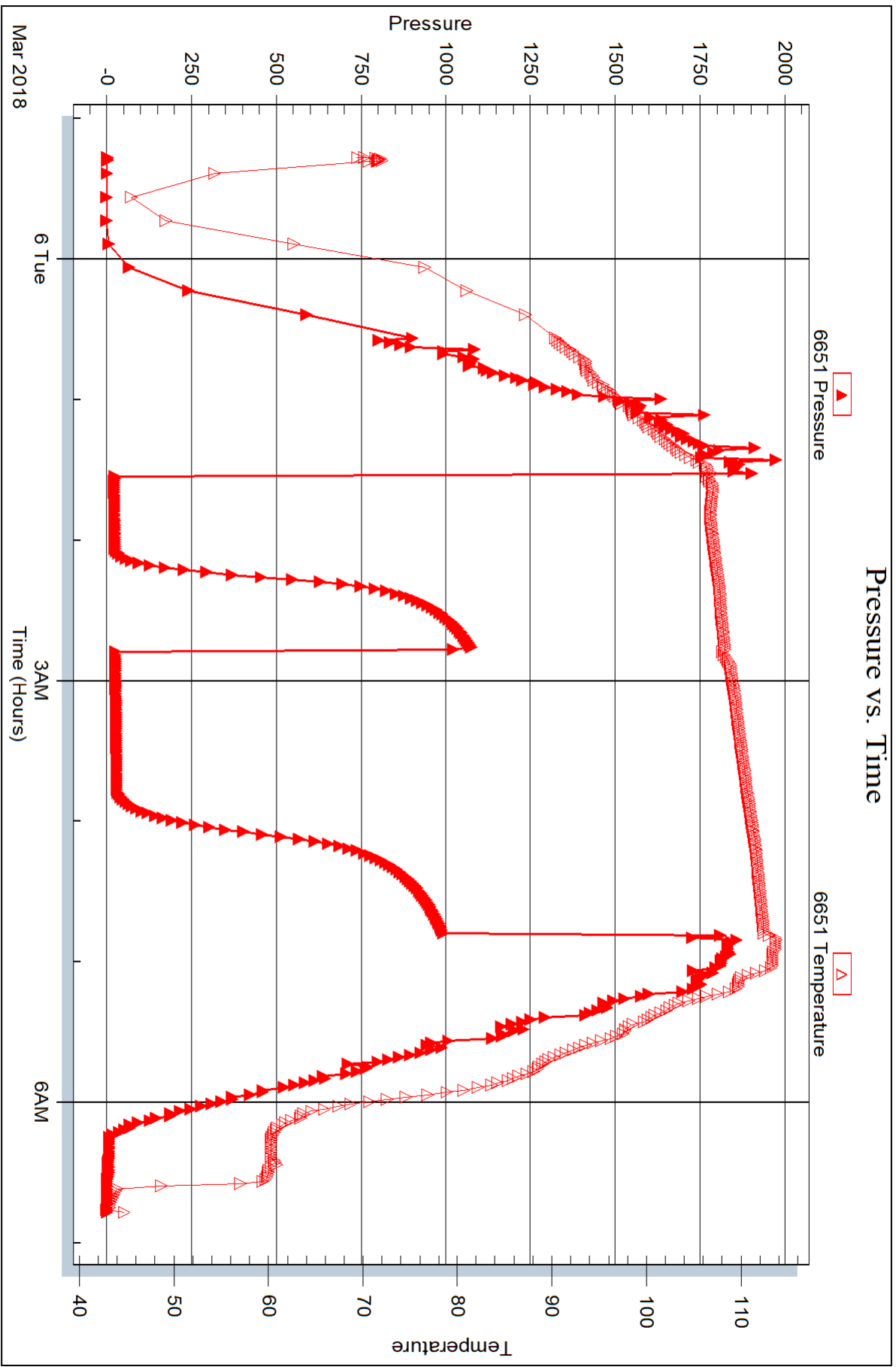


Serial #: 6651

Outside Brito Oil Company

Well #1-35

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 64308

Printed: 2018.03.13 @ 08:54:56



DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company**

1223 N Rock Rd
Wichita, KS 67206

ATTN: Robert Hendrix

Werth #1-35

35-12-26 Gove,KS

Start Date: 2018.03.07 @ 04:32:21

End Date: 2018.03.07 @ 11:11:51

Job Ticket #: 64309 DST #: 2

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

Printed: 2018.03.13 @ 08:54:33



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company

35-12-26 Gove, KS

1223 N Rock Rd
Wichita, KS 67206

Werth #1-35

Job Ticket: 64309

DST#: 2

ATTN: Robert Hendrix

Test Start: 2018.03.07 @ 04:32:21

GENERAL INFORMATION:

Formation: **LKC I - J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:18:51

Time Test Ended: 11:11:51

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4036.00 ft (KB) To 4086.00 ft (KB) (TVD)

Reference Elevations: 2589.00 ft (KB)

Total Depth: 4086.00 ft (KB) (TVD)

2579.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8166

Inside

Press@RunDepth: 16.28 psig @ 4037.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.03.07

End Date:

2018.03.07

Last Calib.:

2018.03.07

Start Time:

04:32:26

End Time:

11:11:50

Time On Btm:

2018.03.07 @ 06:18:21

Time Off Btm:

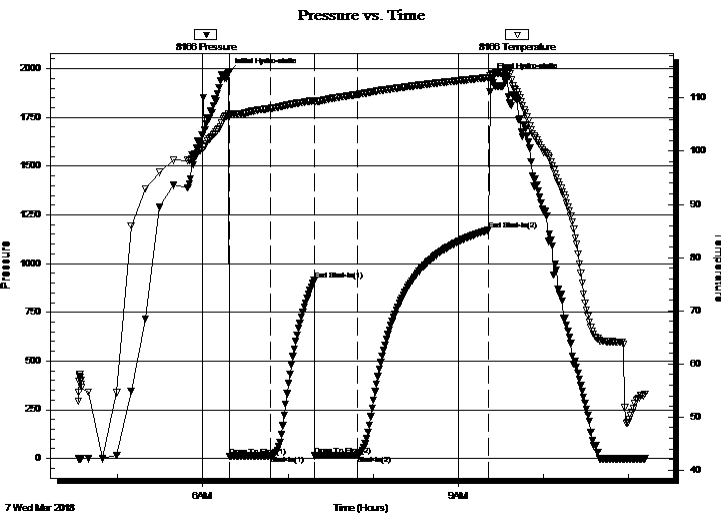
2018.03.07 @ 09:22:51

TEST COMMENT: IF: Surface blow died in 21 min.

IS: No return.

FF: No blow.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1980.32	106.98	Initial Hydro-static
1	11.97	106.59	Open To Flow (1)
30	14.17	108.05	Shut-In(1)
60	913.85	109.52	End Shut-In(1)
61	14.41	109.23	Open To Flow (2)
91	16.28	110.65	Shut-In(2)
183	1172.28	113.85	End Shut-In(2)
185	1951.75	114.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
6.00	mud oil spots 100%m	0.08

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company

35-12-26 Gove, KS

1223 N Rock Rd
Wichita, KS 67206

Werth #1-35

Job Ticket: 64309

DST#: 2

ATTN: Robert Hendrix

Test Start: 2018.03.07 @ 04:32:21

Tool Information

Drill Pipe:	Length: 4036.00 ft	Diameter: 3.80 inches	Volume: 56.61 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 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: 56.61 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4036.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	70.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Stubb	1.00			4017.00	
Shut In Tool	5.00			4022.00	
Hydraulic tool	5.00			4027.00	
Packer	5.00			4032.00	20.00 Bottom Of Top Packer
Packer	4.00			4036.00	
Stubb	1.00			4037.00	
Recorder	0.00	8166	Inside	4037.00	
Recorder	0.00	6651	Outside	4037.00	
Perforations	10.00			4047.00	
Change Over Sub	1.00			4048.00	
Drill Pipe	32.00			4080.00	
Change Over Sub	1.00			4081.00	
Bullnose	5.00			4086.00	50.00 Bottom Packers & Anchor

Total Tool Length: 70.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company

35-12-26 Gove,KS

1223 N Rock Rd
Wichita, KS 67206

Werth #1-35

Job Ticket: 64309

DST#: 2

ATTN: Robert Hendrix

Test Start: 2018.03.07 @ 04:32:21

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: 6.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
6.00	mud oil spots 100%m	0.084

Total Length: 6.00 ft Total Volume: 0.084 bbl

Num Fluid Samples: 0

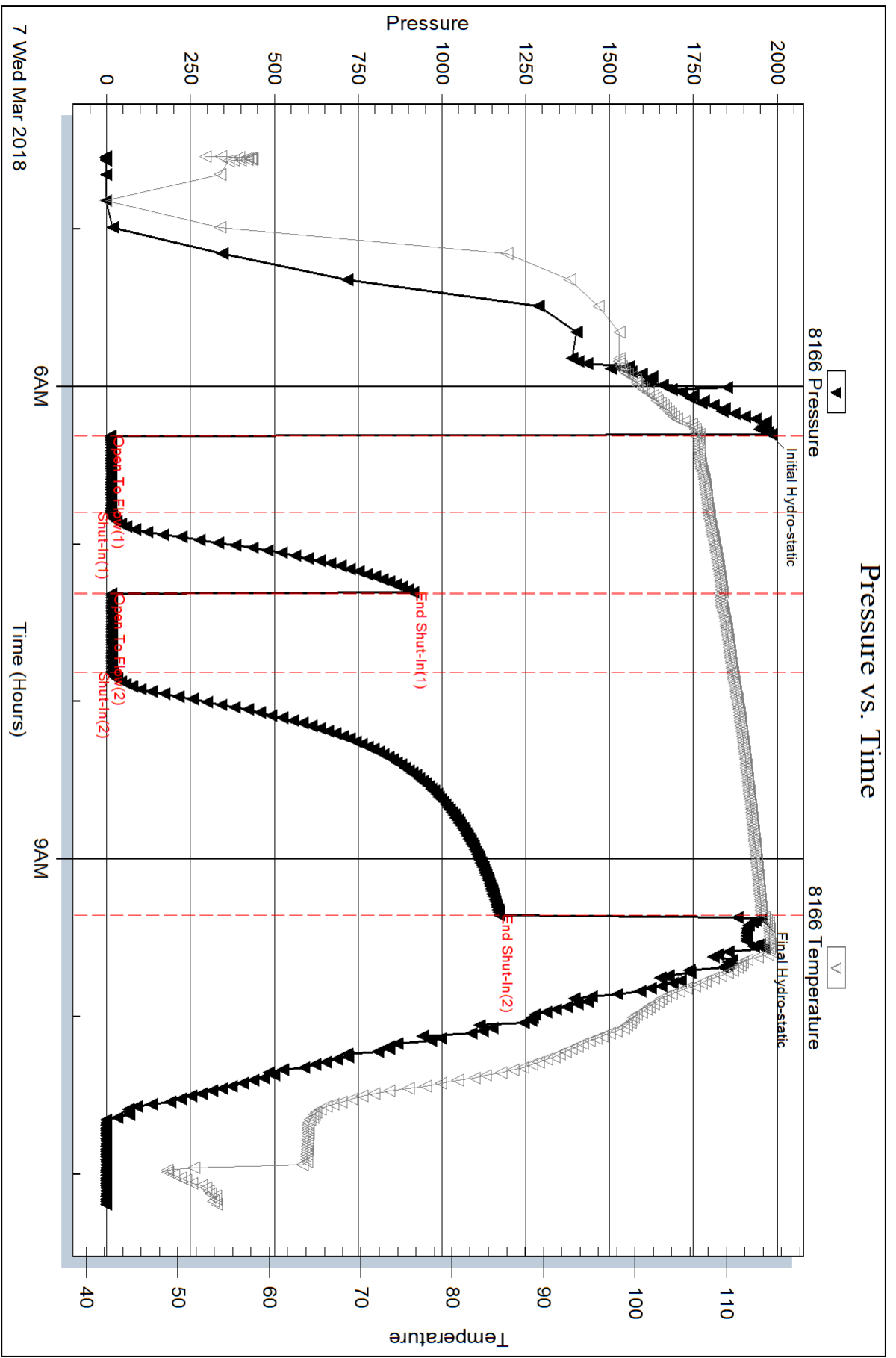
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

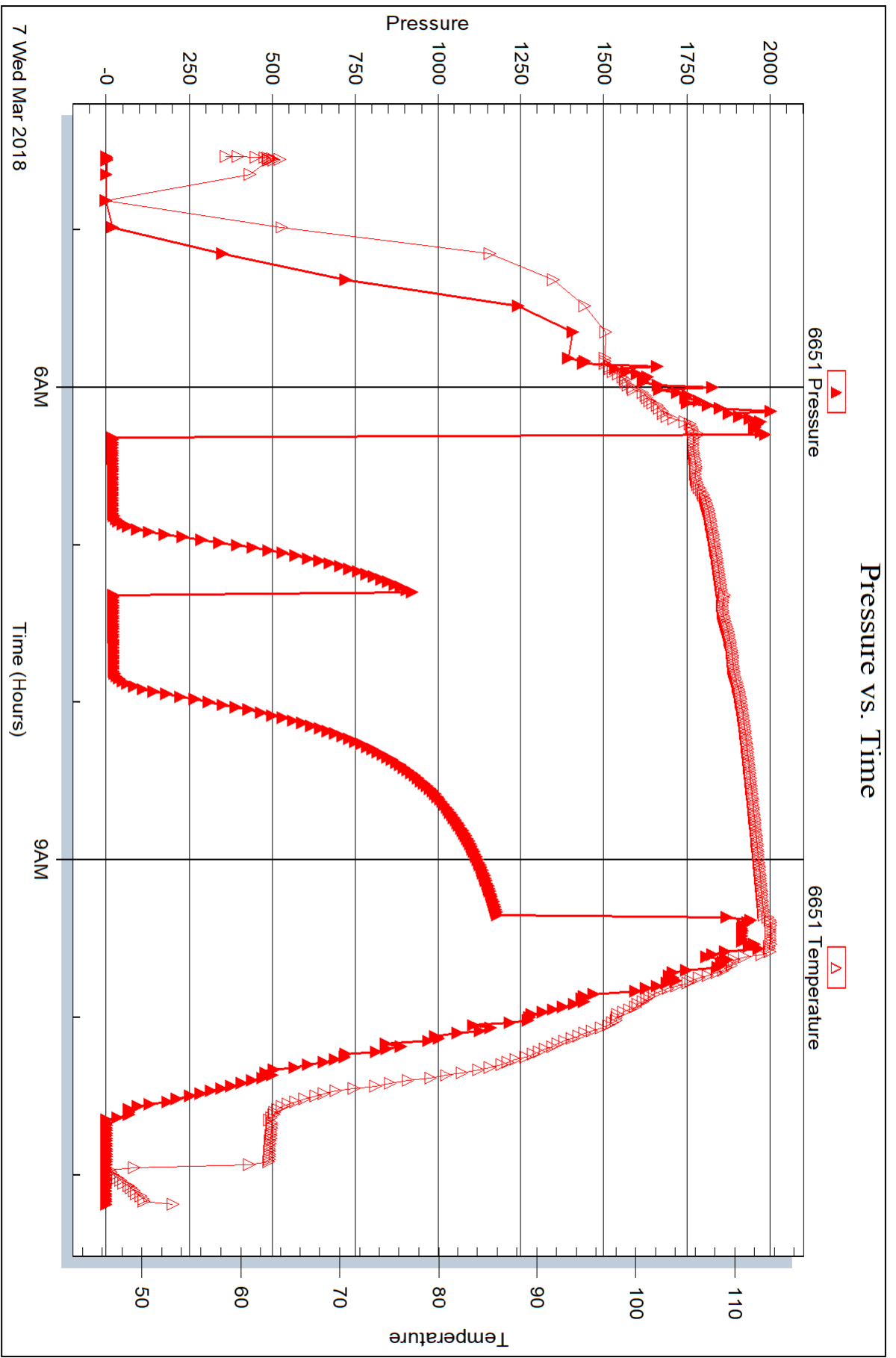


Serial #: 6651

Outside Brito Oil Company

Worth #1-35

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 64309

Printed: 2018.03.13 @ 08:54:34



DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company**

1223 N Rock Rd
Wichita, KS 67206

ATTN: Robert Hendrix

Werth #1-35

35-12-26 Gove,KS

Start Date: 2018.03.09 @ 04:15:49

End Date: 2018.03.09 @ 12:33:49

Job Ticket #: 64310 DST #: 3

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

Printed: 2018.03.13 @ 08:54:04



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brito Oil Company

35-12-26 Gove, KS

1223 N Rock Rd
Wichita, KS 67206

Werth #1-35

Job Ticket: 64310

DST#: 3

ATTN: Robert Hendrix

Test Start: 2018.03.09 @ 04:15:49

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:36:19

Time Test Ended: 12:33:49

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4456.00 ft (KB) To 4501.00 ft (KB) (TVD)

Reference Elevations: 2589.00 ft (KB)

Total Depth: 4501.00 ft (KB) (TVD)

2579.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8166

Inside

Press@RunDepth: 334.95 psig @ 4457.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.03.09

End Date:

2018.03.09

Last Calib.:

2018.03.09

Start Time: 04:15:54

End Time:

12:33:48

Time On Btm:

2018.03.09 @ 06:35:49

Time Off Btm:

2018.03.09 @ 09:25:19

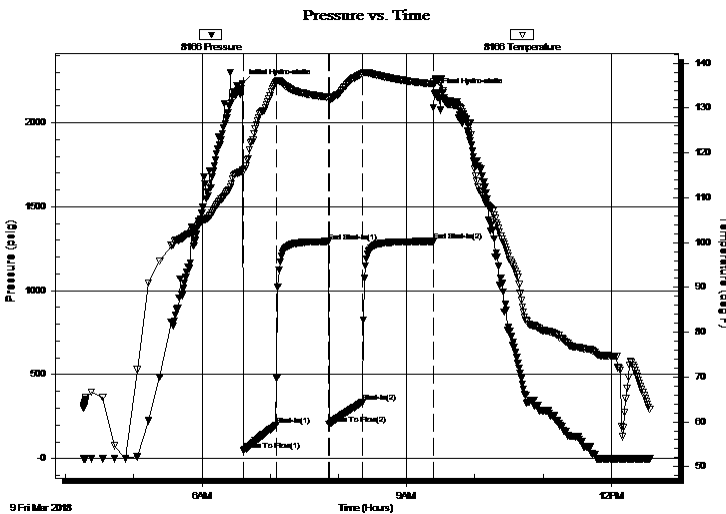
TEST COMMENT: IF: BOB in 8 min.

IS: No return.

FF: BOB in 10 min.

FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2233.36	116.32	Initial Hydro-static
1	50.05	115.76	Open To Flow (1)
30	199.66	135.63	Shut-In(1)
75	1292.76	132.41	End Shut-In(1)
76	204.27	132.05	Open To Flow (2)
106	334.95	137.60	Shut-In(2)
168	1293.57	135.37	End Shut-In(2)
170	2177.18	136.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	mcw 90%w 10%m	1.77
126.00	ocw m 5%o 25%w 70%m	1.77
315.00	ocw m 10%o 20%w 70%m	4.42
189.00	ocm 20%o 80%m	2.65

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company

35-12-26 Gove, KS

1223 N Rock Rd
Wichita, KS 67206

Werth #1-35

Job Ticket: 64310

DST#: 3

ATTN: Robert Hendrix

Test Start: 2018.03.09 @ 04:15:49

Tool Information

Drill Pipe:	Length: 4446.00 ft	Diameter: 3.80 inches	Volume: 62.37 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 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: 62.37 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4456.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	65.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Stubb	1.00			4437.00	
Shut In Tool	5.00			4442.00	
Hydraulic tool	5.00			4447.00	
Packer	5.00			4452.00	20.00 Bottom Of Top Packer
Packer	4.00			4456.00	
Stubb	1.00			4457.00	
Recorder	0.00	8166	Inside	4457.00	
Recorder	0.00	6651	Outside	4457.00	
Perforations	5.00			4462.00	
Change Over Sub	1.00			4463.00	
Drill Pipe	32.00			4495.00	
Change Over Sub	1.00			4496.00	
Bullnose	5.00			4501.00	45.00 Bottom Packers & Anchor

Total Tool Length: 65.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company

35-12-26 Gove,KS

1223 N Rock Rd
Wichita, KS 67206

Werth #1-35

Job Ticket: 64310

DST#: 3

ATTN: Robert Hendrix

Test Start: 2018.03.09 @ 04:15:49

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:

22000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
126.00	mcw 90%w 10%m	1.767
126.00	ocw m 5%o 25%w 70%m	1.767
315.00	ocw m 10%o 20%w 70%m	4.419
189.00	ocm 20%o 80%m	2.651

Total Length: 756.00 ft

Total Volume: 10.604 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .33@66=22000

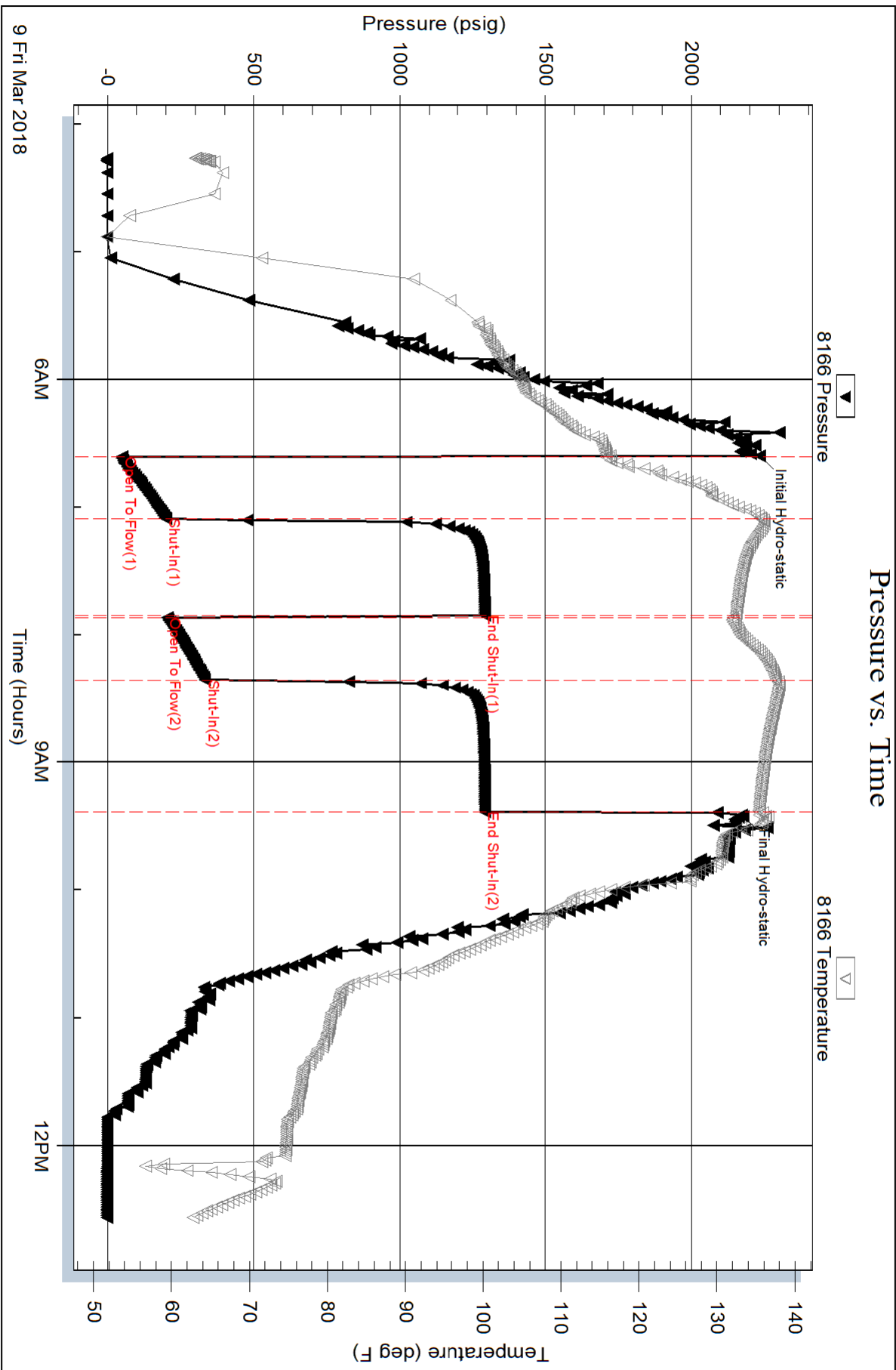
Serial #: 8166

Inside

Brito Oil Company

Well #1-35

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 64310

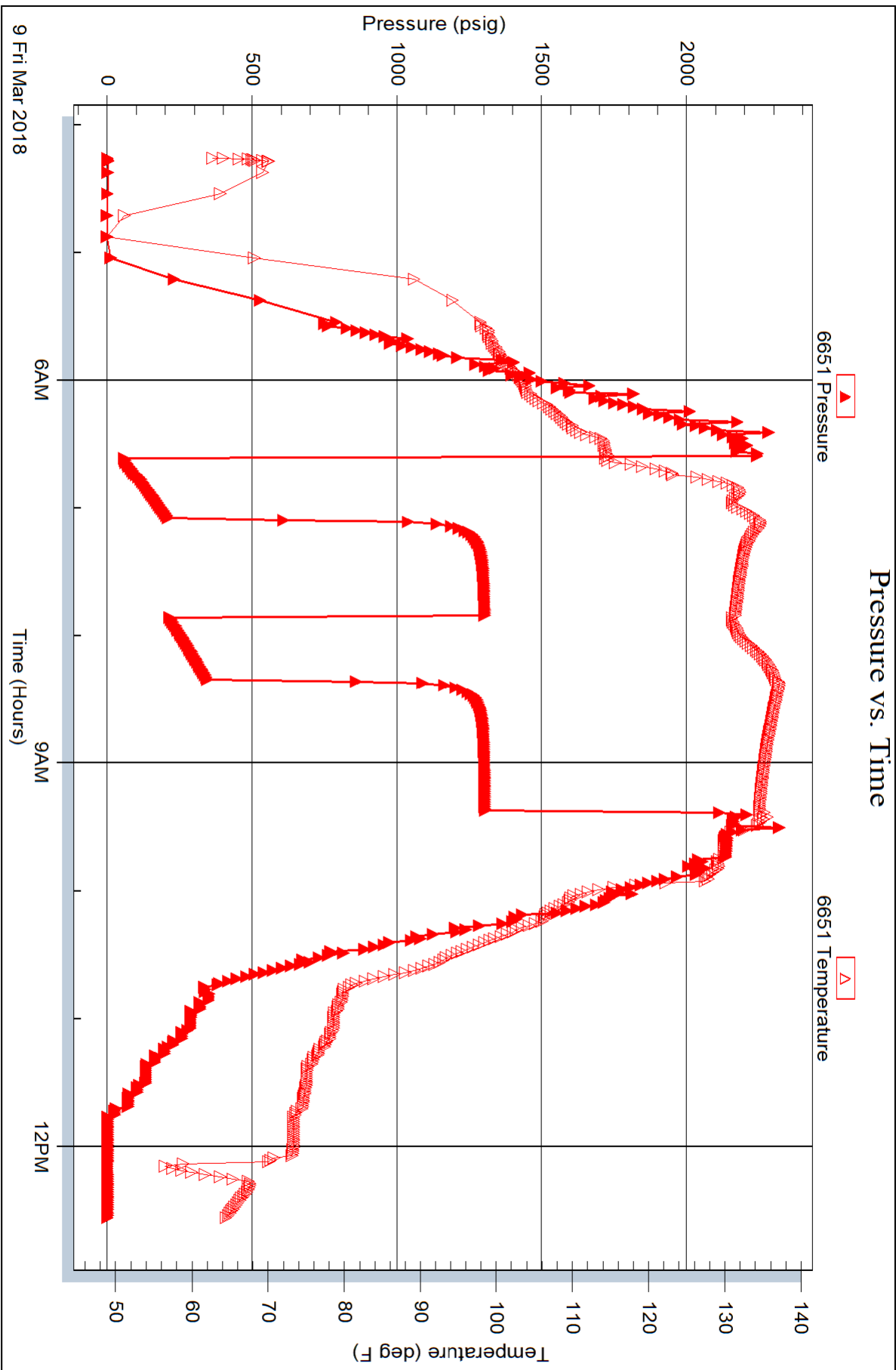
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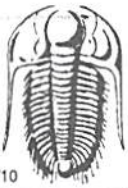
Serial #: 6651

Outside Brito Oil Company

Well #1-35

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **64308**

4/10

Well Name & No. Werth 1-35 Test No. 1 Date 3-5-18
 Company Brito oil company Elevation 2589 KB 2579 GL
 Address 1223 N Rock Rd Wichita, KS 67206
 Co. Rep / Geo. Robert Hendrix Rig Southwind 8
 Location: Sec. 35 Twp. 12 Rge. 26 Co. Gove State KS

Interval Tested 3890 3907 Zone Tested LKC B
 Anchor Length 17 Drill Pipe Run 3878 Mud Wt. 8.7
 Top Packer Depth 3885 Drill Collars Run --- Vis 60
 Bottom Packer Depth 3890 Wt. Pipe Run --- WL 6.2
 Total Depth 3907 Chlorides 1700 ppm System LCM 2
 Blow Description IF: 1/4 blow built to 2.
IS: No return.
FF: surface blow built to 2 1/2.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>3</u>	<u>Free oil</u>	<u>100</u>			
<u>31</u>	<u>oil m</u>	<u>10</u>		<u>90</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 34 BHT 113 Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic 1886 Test 1050 T-On Location 21:44
 (B) First Initial Flow 16 Jars --- T-Started 23:16
 (C) First Final Flow 16 Safety Joint --- T-Open 1:32
 (D) Initial Shut-In 1071 Circ Sub --- T-Pulled 4:47
 (E) Second Initial Flow 18 Hourly Standby --- T-Out 6:48
 (F) Second Final Flow 23 Mileage 190-190.00 Comments ---
 (G) Final Shut-In 985 Sampler ---
 (H) Final Hydrostatic 1860 Straddle ---
 Shale Packer ---
 Extra Packer ---
 Extra Recorder ---
 Day Standby ---
 Accessibility ---

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

Sub Total 1240 Total 1240 MP/DST Disc't ---

Approved By R.D. [Signature] Our Representative [Signature]

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. 64309

Well Name & No. Werth 1-35 Test No. 2 Date 3-7-18
 Company Brito oil company Elevation 2589 KB 2579 GL
 Address _____
 Co. Rep / Geo. Robert Hendrix Rig Southwind 8
 Location: Sec. 35 Twp. 12 Rge. 26 Co. Gove State K5

Interval Tested 4036 4086 Zone Tested Langing ISJ
 Anchor Length 50 Drill Pipe Run 4036 Mud Wt. 9.0
 Top Packer Depth 4031 Drill Collars Run — Vis 55
 Bottom Packer Depth 4036 Wt. Pipe Run — WL 6.4
 Total Depth 4086 Chlorides 2000 ppm System LCM 2

Blow Description IF: Surface blow died in 21 min.
IS: No return.
FF: No blow.
FS: No return. Pulled 1 1/4 late because of No heads

Rec	Feet of	%gas	%oil	%water	%mud
<u>6</u>	<u>mud oil spots</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

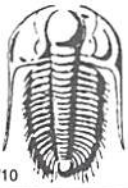
Rec Total 6 BHT 113 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic Test 1150
 (B) First Initial Flow Jars _____
 (C) First Final Flow Safety Joint _____
 (D) Initial Shut-In Circ Sub N/C
 (E) Second Initial Flow Hourly Standby _____
 (F) Second Final Flow Mileage 190-190.00
 (G) Final Shut-In Sampler _____
 (H) Final Hydrostatic Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1340

T-On Location 3:40
 T-Started 4:32
 T-Open 6:18
 T-Pulled 8:18 9:30
 T-Out 11:12
 Comments No Drilling or floor hand wried for crew to get here
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1340
 MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 Approved By [Signature] Our Representative [Signature]

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. **64310**

4/10

Well Name & No. Worth 1-35 Test No. 3 Date 3-9-18
 Company Brito oil Company Elevation 2589 KB 2579 GL
 Address _____
 Co. Rep / Geo. Robert Hendrix Rig southwind #8
 Location: Sec. 35 Twp. 12 Rge. 26 Co. Love State KS

Interval Tested 4456 4501 Zone Tested MISS
 Anchor Length _____ 45 Drill Pipe Run 4446 Mud Wt. 9.3
 Top Packer Depth _____ 4451 Drill Collars Run _____ Vis 56
 Bottom Packer Depth _____ 4456 Wt. Pipe Run _____ WL 6.4
 Total Depth _____ 4501 Chlorides 3000 ppm System LCM 2
 Blow Description #Fi BoB in 8 min
IS: No return.
FF: BoB in 10 min.
ES: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>189</u>	<u>OCM</u>	<u>20</u>		<u>80</u>	
<u>315</u>	<u>OCM OCWM</u>	<u>10</u>	<u>20</u>	<u>70</u>	
<u>126</u>	<u>OCWM</u>	<u>5</u>	<u>25</u>	<u>70</u>	
<u>126</u>	<u>MCW</u>		<u>90</u>	<u>10</u>	

Rec Total 756 BHT 135 Gravity _____ API RW .33 @ 66 °F Chlorides 22,000 ppm

(A) Initial Hydrostatic 2233 Test 1150 T-On Location 3:30
 (B) First Initial Flow 50 Jars _____ T-Started 4:15
 (C) First Final Flow 199 Safety Joint _____ T-Open 6:35
 (D) Initial Shut-In 1292 Circ Sub _____ T-Pulled 9:20
 (E) Second Initial Flow 204 Hourly Standby _____ T-Out 12:28
 (F) Second Final Flow 334 Mileage 190-72 380 Comments _____
 (G) Final Shut-In 1293 Sampler _____ loaded 3/10 3:37
 (H) Final Hydrostatic 2177 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 141.67
 Day Standby 1.5d 4.25h Total 1671.67
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1530

Approved By [Signature] Our Representative [Signature]
 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.

GLOBAL OIL FIELD SERVICES, LLC

3272

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT:
Russell, KS

DATE 3-10-18	SEC. 35	TWP. 12	RANGE 26W	CALLED OUT 2AM	ON LOCATION 7:15 AM	JOB START	JOB FINISH
LEASE WERTH	WELL #. 1-35	LOCATION Colby, KS			COUNTY GOVE	STATE KS	
OLD OR NEW (CIRCLE ONE)							

CONTRACTOR SOUTHWIND DRILLING RIG#8

TYPE OF JOB DRY HOLE PLUG

HOLE SIZE 7 7/8 T.D. 4570'

CASING SIZE 8 5/8 DEPTH

TUBING SIZE DEPTH

DRILL PIPE 1 1/2 XH DEPTH 2150

TOOL DEPTH

PRES. MAX. MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS

DISPLACEMENT

OWNER

CEMENT AMOUNT ORDERED 255 SX 60/40 P02

4% GFC 1/4 FLO SEAL

COMMON 155SX @

POZMIX 100SX @

GEL 10SX @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

EQUIPMENT

PUMP TRUCK CEMENTER BRAO

417 HELPER JASON

BULK TRUCK DRIVER Tom

410

BULK TRUCK DRIVER

#

REMARKS:

1st - 2150' 50SX RAT - 30SX

2ND - 1175' 100SX MOUSE - 15SX

3RD - 275' 50SX

4th - 40' 10SX

CHARGE TO: BRITO OIL CO

STREET 1223 N ROCK ROAD BLD #1 STG A10

CITY WICHITA STATE KS ZIP 67206

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

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.

PLUG & FLOAT EQUIPMENT

DRY HOLE PLUG @

TOTAL

PRINTED NAME

SIGNATURE [Signature]

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

GLOBAL OIL FIELD SERVICES, LLC

3270

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT: Russell, KS

DATE <u>3-1-18</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Worth</u>	WELL #. <u>1-35</u>		LOCATION	COUNTY <u>Gove</u>		STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (CIRCLE ONE)							

CONTRACTOR Southwind

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D.

CASING SIZE 8 5/8 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX. 300ps. MINIMUM 100ps.

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 20 ft

PERFS

DISPLACEMENT

EQUIPMENT

PUMP TRUCK CEMENTER Heath

409 HELPER Brad

BULK TRUCK DRIVER Mark

412

BULK TRUCK DRIVER

REMARKS:

Run 5 hrs. of 8 5/8 casing and landing it - est circulation

took up and mix 15051 - disp 12.9 bbl at HCO station @ 300ps.

CHARGE TO: Butte

STREET

CITY STATE ZIP

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

SIGNATURE William L. [Signature]

OWNER

CEMENT AMOUNT ORDERED 150 or 60/40 3% cc - 1

2% gel

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

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

Robert D. Hendrix

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY **Brito Oil Company**

LEASE **Werth #1-35**

FIELD **Wildcat**

LOCATION **920' fml & 990' fml**

SIC **35** TWSP **125** RGE **26w**

COUNTY **Gove** STATE **Kansas**

CONTRACTOR **Southwind Drilling Rig #8**

SPUD **3/01/2018** COMP **3/10/2018**

RTD **4:57:00** LTD **4:56:00**

MUD UP **3454** TYPE MUD **Chemical**

SAMPLES SAVED FROM **3600** TO **TD**

DRILLING TIME KEPT FROM **3600** TO **TD**

SAMPLES EXAMINED FROM **3600** TO **TD**

GEOLOGICAL SUPERVISION FROM **3600**

GEOLOGIST ON WELL **Robert D. Hendrix**

FORMATION TOPS

ELECTRIC LOG

DEPTH

Heebner Shale

Lansing

Stark Shale

Pawnee

Cherokee Shale

Mississippi

ELEVATIONS

KB **2589**

DF

GL **2579**

Measurements Are All From **Kelly Bushing**

CASING

CONDUCTOR

SURFACE **8-5/8" at 224'**

PRODUCTION

ELECTRICAL SURVEYS

Power well/line services from property dual induction microresistivity logs

AP# **15-063-22326**

FORMATION TOPS	ELECTRIC LOG	SAMPLE
Heebner Shale	3827 (-1238)	3827 (-1238)
Lansing	3875 (-1284)	3876 (-1285)
Stark Shale	4084 (-1495)	4087 (-1498)
BKC	4135 (-1546)	4134 (-1545)
Pawnee	4276 (-1687)	4283 (-1694)
Cherokee Shale	4370 (-1781)	4375 (-1786)
Mississippi	4444 (-1855)	4449 (-1860)

REMARKS:

LEGEND

Anhydrite
 Sandstone
 Limestone
 Shale
 Carb Sh
 Cherty LS
 Chert
 Dolomite

DEPTH	LITHOLOGY	SAMPLE DESCRIPTION	REMARKS
2100	Anhydrite		Anhydrite 2115 (+474)
2150	Base Anhydrite		Base Anhydrite 2161 (+428)
3600	Shale: gray, red, silty Limestone: lt brown, f-mxn, chalky, oolitic in part, fossiliferous, no vis por, ns Shale: gray lt to dark, silty, pyritic Shale: gray, black Limestone: brown to gray, f-xln, pellaoidal, fossiliferous, no vis por, ns Shale: dark gray, silty Limestone: tan to brown, f-xln, fossiliferous, mostly dense, no vis por Limestone: tan to white, f-xln, chalky, fossiliferous, no vis por Shale: black, gray, brown, silty, blocky Limestone: tan to brown, f-mxn, silty, chalky, fossiliferous, brown mineralized spots and streaks, pyrite, no vis por Shale: gray, red, green Limestone: tan to brown, mxln, chalky, fossiliferous, brown mineralized streaks, no vis por Shale: gray, red, green Limestone: tan, f-mxn, chalky, oolitic, fossiliferous, no vis por Shale: gray, red, green Shale: black carbonaceous Shale: black to gray Limestone: tan to gray, mxln, chalky, oolitic, v-fossiliferous, no vis por Limestone: tan to white, f-xln, v-chalky, oolitic, fossiliferous, no vis por Shale: gray, red Limestone: tan to white, f-xln, v-chalky, oolitic, fossiliferous, no vis por Limestone: tan to white, f-xln, v-chalky, granular, fossiliferous, no vis por Shale: black, gray, brown, red, fossiliferous Limestone: tan to white, f-xln, chalky, cherty, granular, fossiliferous, no vis por Shale: gray, red, green Limestone: tan, f-xln, chalky, cherty, dense, silty fossiliferous, no vis por Limestone: white to tan, f-xln, chalky, silty, soft, fossiliferous, no vis por Shale: black carbonaceous Limestone: tan to lt brown, m-xln, chalky, silty, cherty, soft, granular, no vis por Shale: gray, red Limestone: tan to lt brown, m-xln, chalky, silty, cherty, soft, granular, no vis por Limestone: tan, f-xln, silty, chalky, cherty, dense, hard, fossiliferous, no vis por Shale: gray, red, black Limestone: tan, f-xln, chalky, cherty, oolitic in part, fossiliferous, no vis por Shale: gray, green, brown Limestone: white to tan, f-mxn, silty, chalky, oolitic, fossiliferous, 1% sample fr oolitic por, dark sat stain, prsfo, fr. odor Shale: gray, green, red, brown Limestone: tan to white, f-mxn, silty, chalky, oolitic, fossiliferous, pr interxn por, ns Limestone: tan, f-xln, chalky, fossiliferous, abd calcite replacement, no vis por Shale: red, gray Limestone: tan to lt brown, f-xln, chalky, oolitic, v-fossiliferous, pr interxn por, ns Shale: black, gray, red Limestone: tan to white, f-xln, chalky, fossiliferous, no vis por Shale: gray, green, red Limestone: tan to white, f-mxn, chalky, cherty, oolitic, v-fossiliferous, pr oolitic por, ns Limestone: tan to white, f-mxn, chalky, cherty, oolitic, v-fossiliferous, pr oolitic por, ns Limestone: tan, f-xln, cherty, dense, silty fossiliferous, no vis por Shale: gray, green, black, fossiliferous Shale: black carbonaceous, gray Limestone: tan to lt brown, f-mxn, chalky, pyritic, fossiliferous, no vis por Limestone: white, f-mxn, chalky, silty, cherty, fossiliferous, pr interxn por, ns Limestone: white, f-mxn, silty, cherty, dense, fossiliferous, no vis por Shale: gray, green, red Shale: gray, green, red, black micaceous Limestone: white to tan, v-f-xln, chalky, silty, fossiliferous, 30% sample @ 30x some micro crystalline por, spotted to sat dark stain, v-silto on break only, faint odor Shale: gray, silty Limestone: tan, f-xln, silty, chalky, dense in part, silty, fossiliferous, 5% sample pr interxn por, streaky sat dark stain. silto on break only, no odor Shale: black carbonaceous, gray Shale: gray, dark to light, red Limestone: white to tan, f-mxn, silty, chalky, silty, cherty, oolitic in part, fossiliferous, no vis por Limestone: tan to gray, f-xln, silty, chalky, mostly dense, silty fossiliferous, no vis por Shale: gray, brown, black Shale: gray, green, brown Limestone: tan to gray, v-f-xln, dense, silty, cherty, silty fossiliferous, no vis por Shale: lt to dark gray, brown, green Shale: gray, black, brown Limestone: tan to lt brown, v-f-xln, dense, fossiliferous, no vis por Shale: lt to dark gray, brown Limestone: tan to brown, v-f-xln, chalky, dense, no vis por Shale: lt to dark gray, green Limestone: tan to white, f-xln, chalky, oolitic, silty fossiliferous, no vis por Shale: gray, brown, red, silty Limestone: tan, v-f-xln, silty, chalky, dense, silty fossiliferous, no vis por Shale: gray, brown, red Limestone: tan to white, f-xln, silty, chalky, silty fossiliferous, no vis por Shale: gray, black, red Limestone: tan, f-xln, oolitic in small part, silty, cherty, silty, fossiliferous, no vis por, 3 pieces black spotty stain, nfo, no odor Limestone: tan to brown, f-xln, dense, silty, fossiliferous, no vis por Limestone: siltstone brown, f-xln, dense, soft, silty, no vis por Shale: gray Shale: gray, black carbonaceous Limestone: white to brown, f-mxn, chalky, dense, oolitic in part, fossiliferous, no vis por Shale: gray, black, green Shale: gray, black, green Limestone: tan, f-xln, cherty (orange, white), dense, pyritic, no vis por, 2 pieces spotty black stain, nfo, no odor Shale: gray, red, green, red Shale: black, gray, green, red Limestone: white to tan, f-xln, silty, chalky, dense, fossiliferous, no vis por Shale: gray, black, green Limestone: tan, f-xln, cherty (orange, white), dense, pyritic, no vis por Shale: gray, red, green, red Conglomerate: Shale gray, olive, red, green, Sandstone: clusters Chert: fresh, yellow, white, red Dolomite: tan to gray, f-xln, chalky, cherty, granular, no vis por Dolomite: tan to gray, f-xln, chalky, cherty, granular, no vis por still carrying a lot of shale in the sample Dolomite: brown, f-xln, cherty, granular, 1% sample dark sat stain, pr interxn por, prsfo more on break, faint odor Limestone: tan to brown, m-xln, cherty, pyritic, oolitic in part, 4 pieces no vis por, dark spotty stain, silto, sifo, faint odor Note: a few pieces of tripolitic chert have some show as well Dolomite: tan to gray, f-xln, chalky, cherty, granular, no vis por Shale: gray, red, yellow, green Limestone: tan, f-mxn, oolitic, fossiliferous, no vis por Shale: gray, red, yellow, green, black Dolomite: tan, f-xln, very cherty, granular, pr interxn por, ns Chert: white to gray, mostly fresh a small amount weathered, silty, pyritic, spiculitic, no vis por Chert: white to gray, mostly fresh a small amount weathered, silty, pyritic, spiculitic, no vis por Limestone: tan, f-xln, silty, chalky, no vis por	<p>Geologist on location 3608' at 4:35 am 03/05/2018</p> <p>8:00am, 3/5/2018 wt 8.7, vis. 60+, lcm 2# Mud-Co, Gary Schmidtberger</p> <p>8:00am, 3/6/2018 wt 9.0, vis. 55, lcm 2# Mud-Co, Gary Schmidtberger</p> <p>DST #1 3890-3907 30-45-60-60 1st open: slow build to 2" 1st shut in: no return 2nd open: slow build to 2 1/2" 2nd shut in: no return Rec: 3' free oil 31' ocm 10/90 hydro: 1986-1960 psi ff: 16-16 psi ff: 12-23 psi sfp: 1071-1860 psi bht: 113° F Note: tool slid 5'</p> <p>Muncie Creek 4010 (-1421)</p> <p>DST #2 4036-4086 30-30-30-30 1st open: surface blow died 21min 1st shut in: no return 2nd open: no blow 2nd shut in: no return Rec: 6' mud with oil spots hydro: 1980-1951 psi ff: 12-14 psi ff: 14-16 psi sfp: 914-1172 psi bht: 113° F</p> <p>8:00am, 3/7/2018 wt 9.0, vis. 60+, lcm 2# Mud-Co, Gary Schmidtberger</p> <p>Stark Shale 4087 (-1498)</p> <p>BKC 4134 (-1545)</p> <p>Marmaton 4162 (-1573)</p> <p>8:00am, 3/8/2018 wt 9.3, vis. 56, lcm 2# Mud-Co, Gary Schmidtberger</p> <p>Ft Scott 4350 (-1761)</p> <p>Cherokee Shale 4375 (-1786)</p> <p>DST #3 4456-4501 30-45-30-60 1st open: bob 8 min 2nd open: bob 10 min no return's Rec: 189' ocm 20/80 315' ocmw 10/20/70 126' ocmw 5/25/70 126' mcw 10/90 hydro: 2233-2177 psi ff: 50-99 psi ff: 204-334 psi sfp: 1292-1293 psi bht: 135° F chl: 22,000ppm</p> <p>8:00am, 3/9/2018 wt 9.3, vis. 54, lcm 2# Mud-Co, Gary Schmidtberger</p> <p>Mississippi 4449 (-1860)</p> <p>RTD 4570 (-1981)</p> <p>Geologist off location @ 2:45am, 3/10/2017</p>	