



**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       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- 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 ENHR       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report 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 and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Pickrell Drilling Company, Inc.
Well Name	Dinges 'M' 1
Doc ID	1152532

All Electric Logs Run

Phased Induction
Borehole Compensated Sonic
Compensated Neutron
Micro & Cement Bond

Form	ACO1 - Well Completion
Operator	Pickrell Drilling Company, Inc.
Well Name	Dinges 'M' 1
Doc ID	1152532

Tops

Name	Top	Datum
T/Anhydrite	1580	+ 737
B/Anhydrite	1620	+ 697
Heebner	3659	-1342
Lansing	3701	-1384
Stark	3949	-1632
Pawnee	4123	-1806
Fort Scott	4198	-1881
Cherokee	4222	-1905
Mississippi	4301	-1984
Mississippi Por	4305	-1988



## DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Company**

100 S Main Ste 500  
Wichita, KS 67202

ATTN: Jerry Smith

### **Dinges M #1**

#### **18-18s-24w Ness,KS**

Start Date: 2013.06.16 @ 17:50:28

End Date: 2013.06.16 @ 22:39:28

Job Ticket #: 53163                      DST #: 1

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.06.19 @ 08:25:02



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Pickrell Drilling Company

**18-18s-24w Ness, KS**

100 S Main Ste 500  
Wichita, KS 67202

**Dinges M #1**

Job Ticket: 53163

**DST#: 1**

ATTN: Jerry Smith

Test Start: 2013.06.16 @ 17:50:28

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:54:28

Time Test Ended: 22:39:28

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 60

**Interval: 4305.00 ft (KB) To 4325.00 ft (KB) (TVD)**

Total Depth: 4456.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2317.00 ft (KB)

2307.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 8373 Inside**

Press @ Run Depth: psig @ 4306.00 ft (KB)

Start Date: 2013.06.16

End Date: 2013.06.16

Start Time: 17:50:33

End Time: 22:39:27

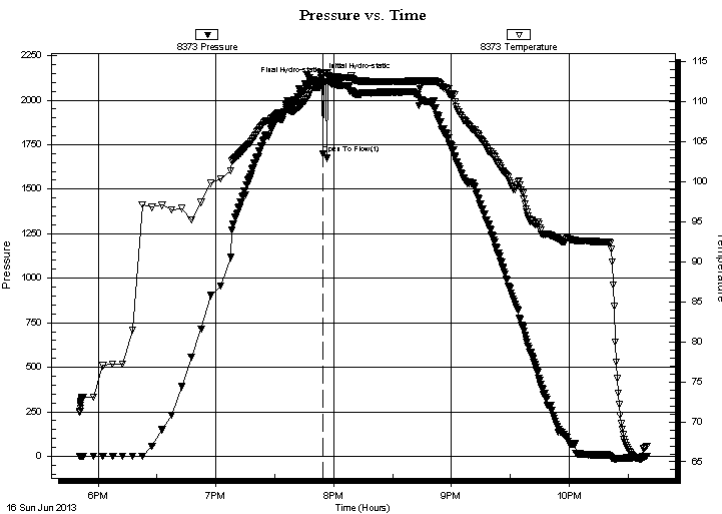
Capacity: 8000.00 psig

Last Calib.: 2013.06.16

Time On Btm: 2013.06.16 @ 19:53:58

Time Off Btm: 2013.06.16 @ 19:56:58

TEST COMMENT: Packer failed at open.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2128.29	112.12	Initial Hydro-static
1	1696.59	113.47	Open To Flow (1)
3	2103.80	113.68	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
372.00	mud 100% <sub>m</sub>	3.89

## Gas Rates

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



**TRILOBITE TESTING, INC.**

## DRILL STEM TEST REPORT

Pickrell Drilling Company

**18-18s-24w Ness, KS**

100 S Main Ste 500  
Wichita, KS 67202

**Dinges M #1**

Job Ticket: 53163

**DST#: 1**

ATTN: Jerry Smith

Test Start: 2013.06.16 @ 17:50:28

### GENERAL INFORMATION:

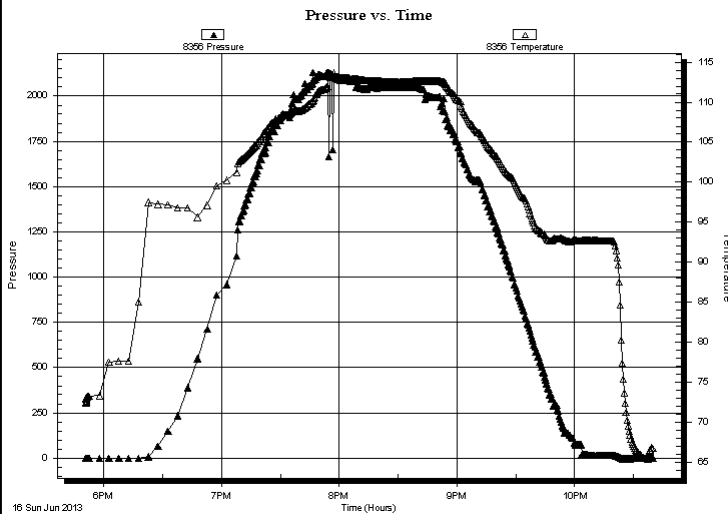
Formation: **Miss**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 19:54:28  
 Time Test Ended: 22:39:28  
 Interval: **4305.00 ft (KB) To 4325.00 ft (KB) (TVD)**  
 Total Depth: 4456.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)  
 Tester: Brandon Turley  
 Unit No: 60  
 Reference Elevations: 2317.00 ft (KB)  
 2307.00 ft (CF)  
 KB to GR/CF: 10.00 ft

**Serial #: 8356 Outside**

Press @ RunDepth: psig @ 4306.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.06.16 End Date: 2013.06.16 Last Calib.: 2013.06.16  
 Start Time: 17:50:44 End Time: 22:39:38 Time On Btm:  
 Time Off Btm:

TEST COMMENT: Packer failed at open.



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
372.00	mud 100% <sub>m</sub>	3.89

### Gas Rates

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







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Pickrell Drilling Company

**18-18s-24w Ness, KS**

100 S Main Ste 500  
Wichita, KS 67202

**Dinges M #1**

Job Ticket: 53163

**DST#: 1**

ATTN: Jerry Smith

Test Start: 2013.06.16 @ 17:50:28

## Tool Information

Drill Pipe:	Length: 4152.00 ft	Diameter: 3.80 inches	Volume: 58.24 bbl	Tool Weight: 2500.00 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: 146.00 ft	Diameter: 2.25 inches	Volume: 0.72 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 58.96 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4305.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	151.00 ft			
Tool Length:	179.00 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			4278.00	
Shut In Tool	5.00			4283.00	
Hydraulic tool	5.00			4288.00	
Jars	5.00			4293.00	
Safety Joint	3.00			4296.00	
Packer	5.00			4301.00	28.00 Bottom Of Top Packer
Packer	4.00			4305.00	
Stubb	1.00			4306.00	
Recorder	0.00	8373	Inside	4306.00	
Recorder	0.00	8356	Outside	4306.00	
Perforations	14.00			4320.00	
Blank Off Sub	1.00			4321.00	151.00 Tool Interval
Packer	4.00			4325.00	
Stubb	1.00			4326.00	
Change Over Sub	1.00			4327.00	
Recorder	0.00	8645	Below	4327.00	
Drill Pipe	123.00			4450.00	
Change Over Sub	1.00			4451.00	
Bullnose	5.00			4456.00	1000178.00 Bottom Packers & Anchor

**Total Tool Length: 179.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Pickrell Drilling Company

**18-18s-24w Ness, KS**

100 S Main Ste 500  
Wichita, KS 67202

**Dinges M #1**

Job Ticket: 53163

**DST#: 1**

ATTN: Jerry Smith

Test Start: 2013.06.16 @ 17:50:28

## 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: 6.79 in<sup>3</sup>

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
372.00	mud 100%m	3.888

Total Length: 372.00 ft      Total Volume: 3.888 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

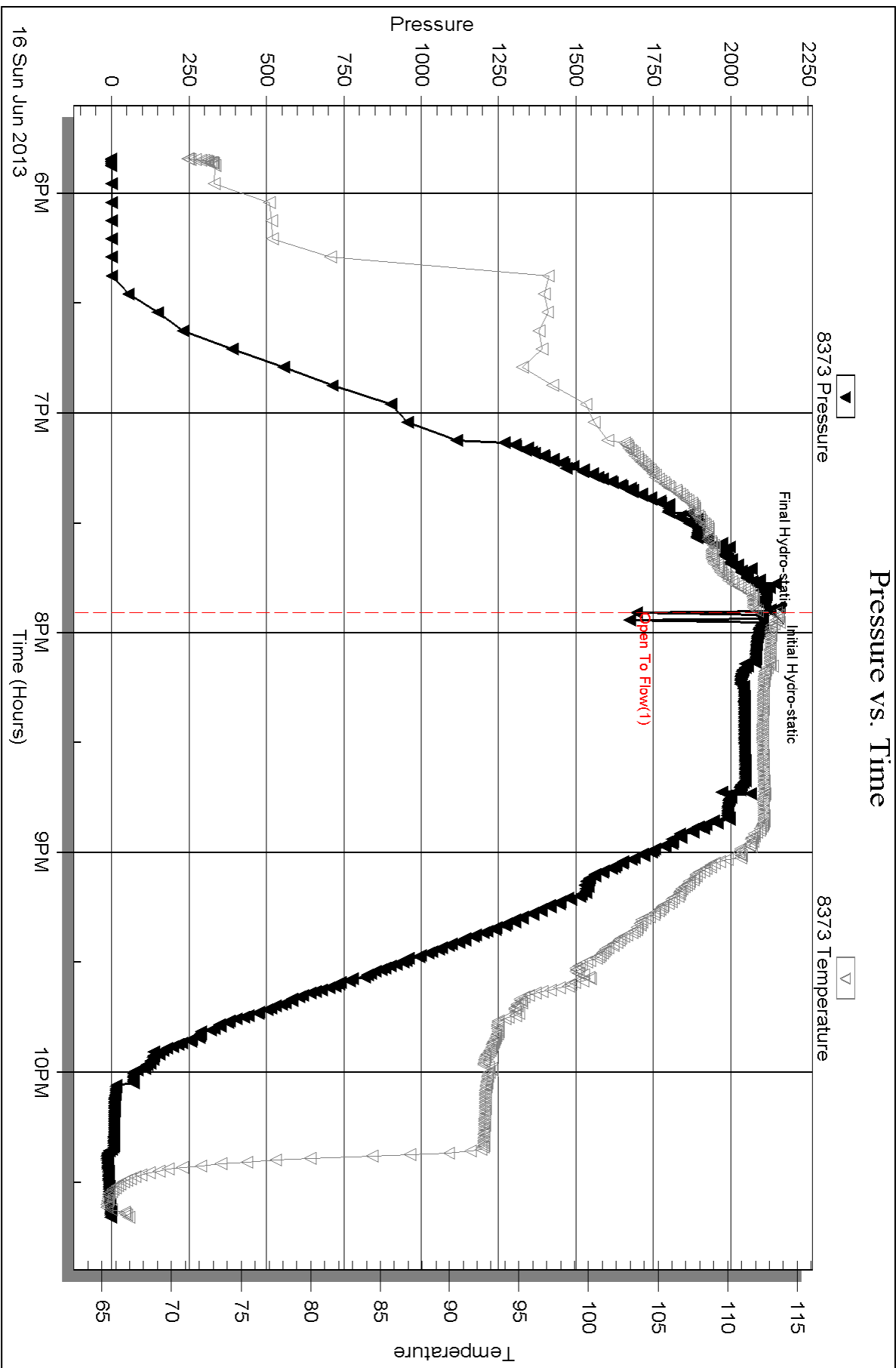
Serial #: 8373

Inside

Pickell Drilling Company

Dinges M #1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 53163

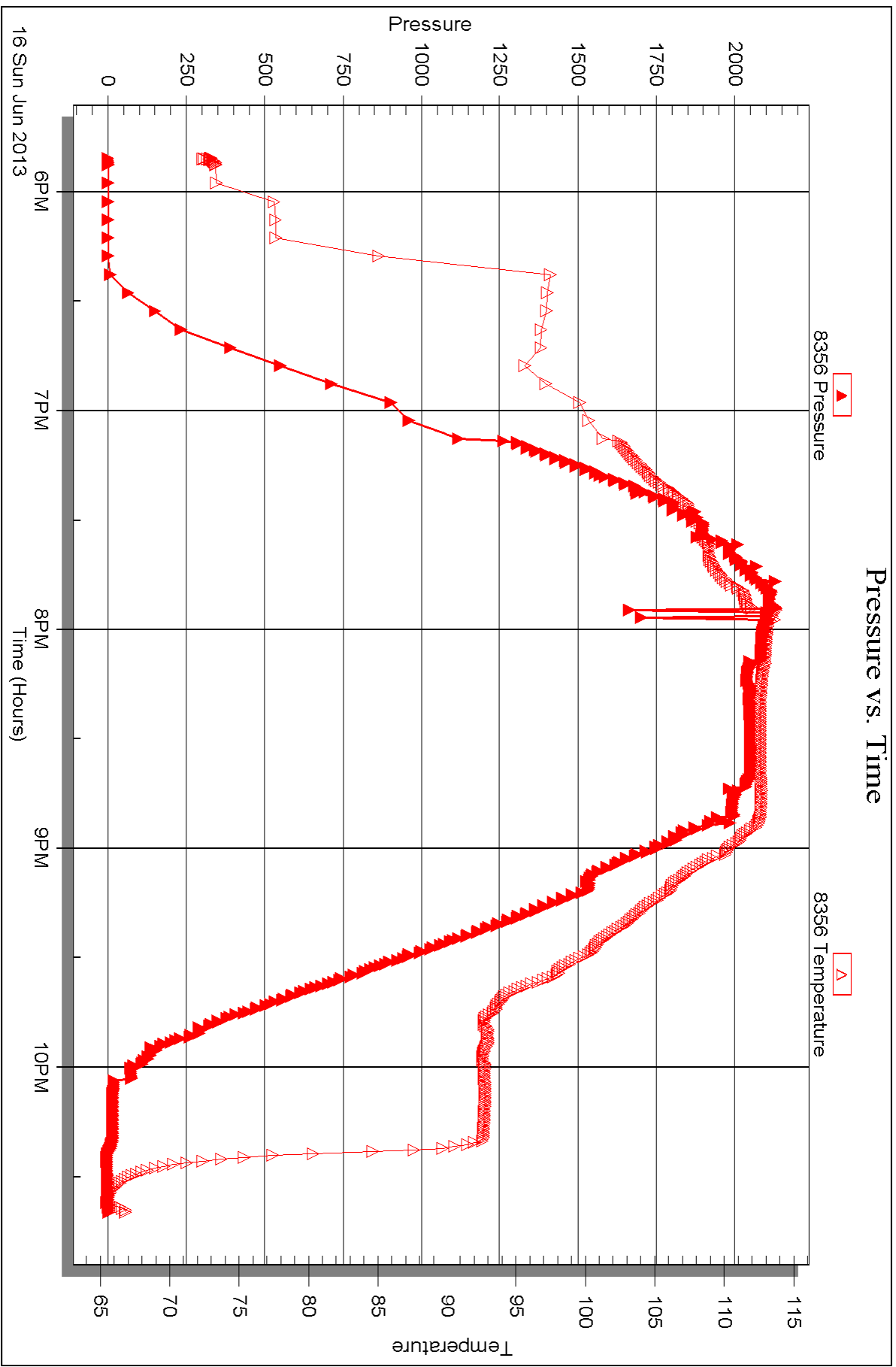
Printed: 2013.06.19 @ 08:25:05

Serial #: 8356

Outside Pickett Drilling Company

Dinges M#1

DST Test Number: 1

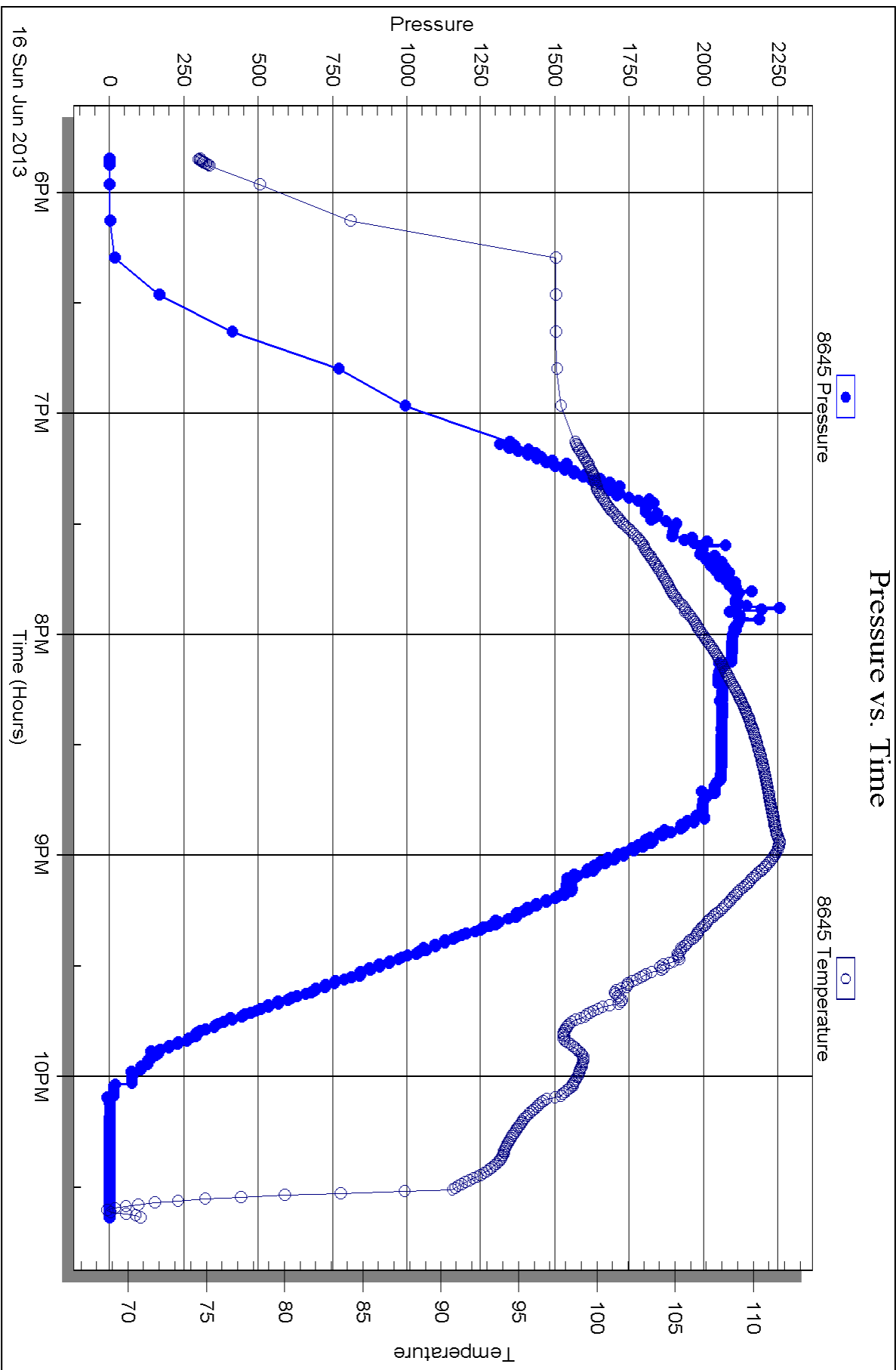


Serial #: 8645

Below (Strattheil) Drilling Company

Dinges M#1

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Company**

100 S Main Ste 500  
Wichita, KS 67202

ATTN: Jerry Smith

### **Dinges M #1**

#### **18-18s-24w Ness,KS**

Start Date: 2013.06.16 @ 23:16:33

End Date: 2013.06.17 @ 08:02:41

Job Ticket #: 53164                      DST #: 2

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.06.19 @ 08:24:24



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Pickrell Drilling Company

**18-18s-24w Ness, KS**

100 S Main Ste 500  
Wichita, KS 67202

**Dinges M #1**

Job Ticket: 53164

**DST#: 2**

ATTN: Jerry Smith

Test Start: 2013.06.16 @ 23:16:33

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:01:11

Time Test Ended: 08:02:41

Test Type: Conventional Straddle (Reset)

Tester: Brandon Turley

Unit No: 60

**Interval: 4305.00 ft (KB) To 4325.00 ft (KB) (TVD)**

Total Depth: 4456.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2317.00 ft (KB)

2307.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 8373 Inside**

Press @ Run Depth: 304.28 psig @ 4327.00 ft (KB)

Start Date: 2013.06.16

End Date:

2013.06.17

Start Time: 23:16:38

End Time:

08:02:40

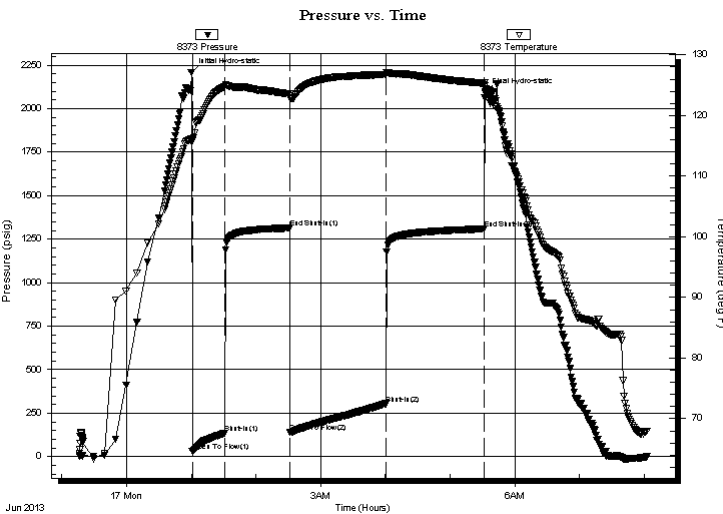
Capacity: 8000.00 psig

Last Calib.: 2013.06.17

Time On Btm: 2013.06.17 @ 01:00:11

Time Off Btm: 2013.06.17 @ 05:32:41

**TEST COMMENT:** IF: BOB in 17 min.  
IS: No return.  
FF: BOB in 21 min.  
FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2207.71	116.07	Initial Hydro-static
1	32.37	115.85	Open To Flow (1)
31	135.88	124.79	Shut-In(1)
91	134.18	123.54	End Shut-In(1)
92	139.10	122.99	Open To Flow (2)
180	304.28	126.78	Shut-In(2)
272	1308.93	125.32	End Shut-In(2)
273	2090.46	124.90	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
310.00	water 100%w	3.02
186.00	mcw 90%w 10%m	2.61
144.00	w cm 40%w 60%m	2.02
40.00	oil 100%o	0.56

\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Pickrell Drilling Company

18-18s-24w Ness, KS

100 S Main Ste 500  
Wichita, KS 67202

Dinges M #1

Job Ticket: 53164

DST#: 2

ATTN: Jerry Smith

Test Start: 2013.06.16 @ 23:16:33

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:01:11

Time Test Ended: 08:02:41

Test Type: Conventional Straddle (Reset)

Tester: Brandon Turley

Unit No: 60

Interval: **4305.00 ft (KB) To 4325.00 ft (KB) (TVD)**

Reference Elevations: 2317.00 ft (KB)

Total Depth: 4456.00 ft (KB) (TVD)

2307.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8645 Below (Straddle)**

Press @ RunDepth: psig @ 4348.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.06.16

End Date: 2013.06.17

Last Calib.: 2013.06.17

Start Time: 23:16:18

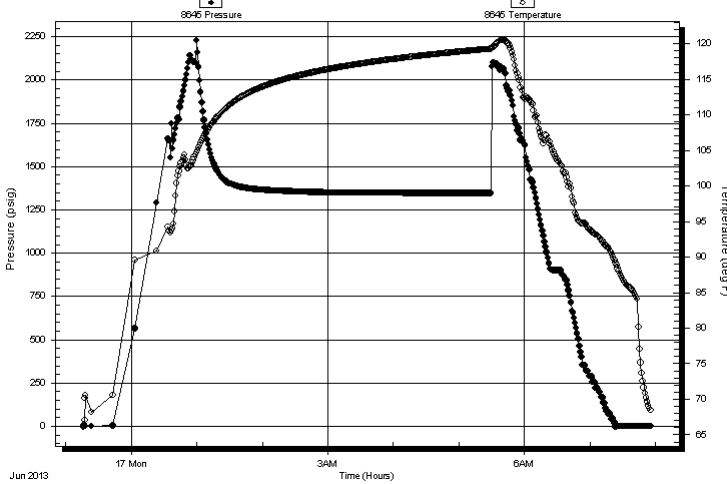
End Time: 07:55:58

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB in 17 min.  
IS: No return.  
FF: BOB in 21 min.  
FS: No return.

Pressure vs. Time



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
310.00	water 100%w	3.02
186.00	mcw 90%w 10%m	2.61
144.00	w cm 40%w 60%m	2.02
40.00	oil 100%o	0.56

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Pickrell Drilling Company

**18-18s-24w Ness, KS**

100 S Main Ste 500  
Wichita, KS 67202

**Dinges M #1**

Job Ticket: 53164

**DST#: 2**

ATTN: Jerry Smith

Test Start: 2013.06.16 @ 23:16:33

## Tool Information

Drill Pipe:	Length: 4152.00 ft	Diameter: 3.80 inches	Volume: 58.24 bbl	Tool Weight: 2500.00 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: 146.00 ft	Diameter: 2.25 inches	Volume: 0.72 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 58.96 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	0.00 ft			
Tool Length:	179.00 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			4299.00	
Shut In Tool	5.00			4304.00	
Hydraulic tool	5.00			4309.00	
Jars	5.00			4314.00	
Safety Joint	3.00			4317.00	
Packer - Shale	5.00			4322.00	
Packer - Shale	4.00			4326.00	
Stubb	1.00			4327.00	
Recorder	0.00	8373	Inside	4327.00	
Recorder	0.00	8356	Outside	4327.00	
Perforations	14.00			4341.00	
Blank Off Sub	1.00			4342.00	
Packer - Shale	4.00			4346.00	
Stubb	1.00			4347.00	
Change Over Sub	1.00			4348.00	
Recorder	0.00	8645	Below	4348.00	
Drill Pipe	123.00			4471.00	
Change Over Sub	1.00			4472.00	
Bullnose	5.00			4477.00	179.00 Anchor Tool

**Total Tool Length: 179.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Pickrell Drilling Company

**18-18s-24w Ness,KS**

100 S Main Ste 500  
Wichita, KS 67202

**Dinges M #1**

Job Ticket: 53164

**DST#: 2**

ATTN: Jerry Smith

Test Start: 2013.06.16 @ 23:16:33

## 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:

23000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in<sup>3</sup>

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 bbbl
310.00	water 100%w	3.018
186.00	mcw 90%w 10%m	2.609
144.00	w cm 40%w 60%m	2.020
40.00	oil 100%o	0.561

Total Length: 680.00 ft

Total Volume: 8.208 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .32@65=23000

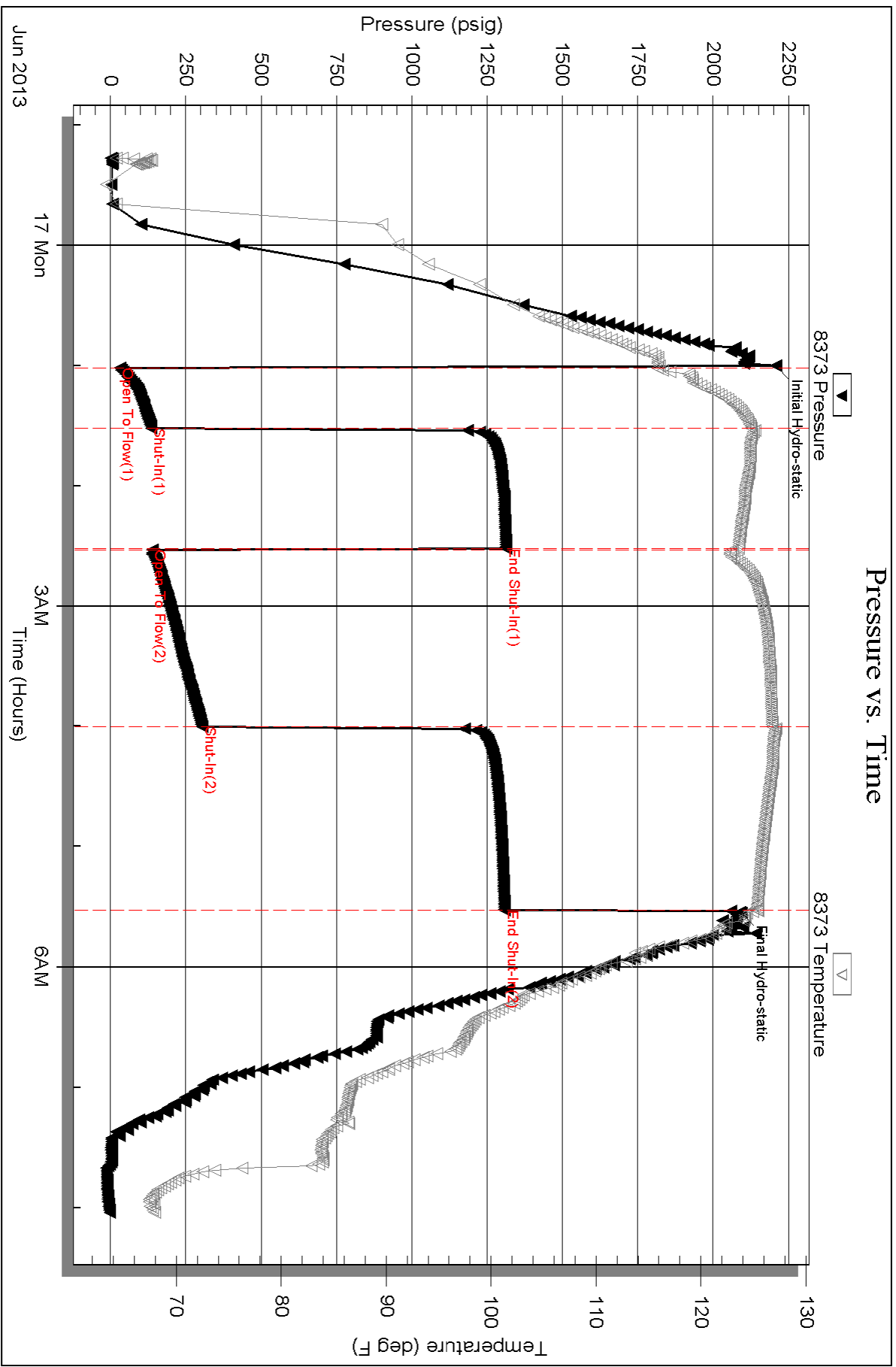
Serial #: 8373

Inside

Pickell Drilling Company

Dinges M#1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 53164

Printed: 2013.06.19 @ 08:24:27

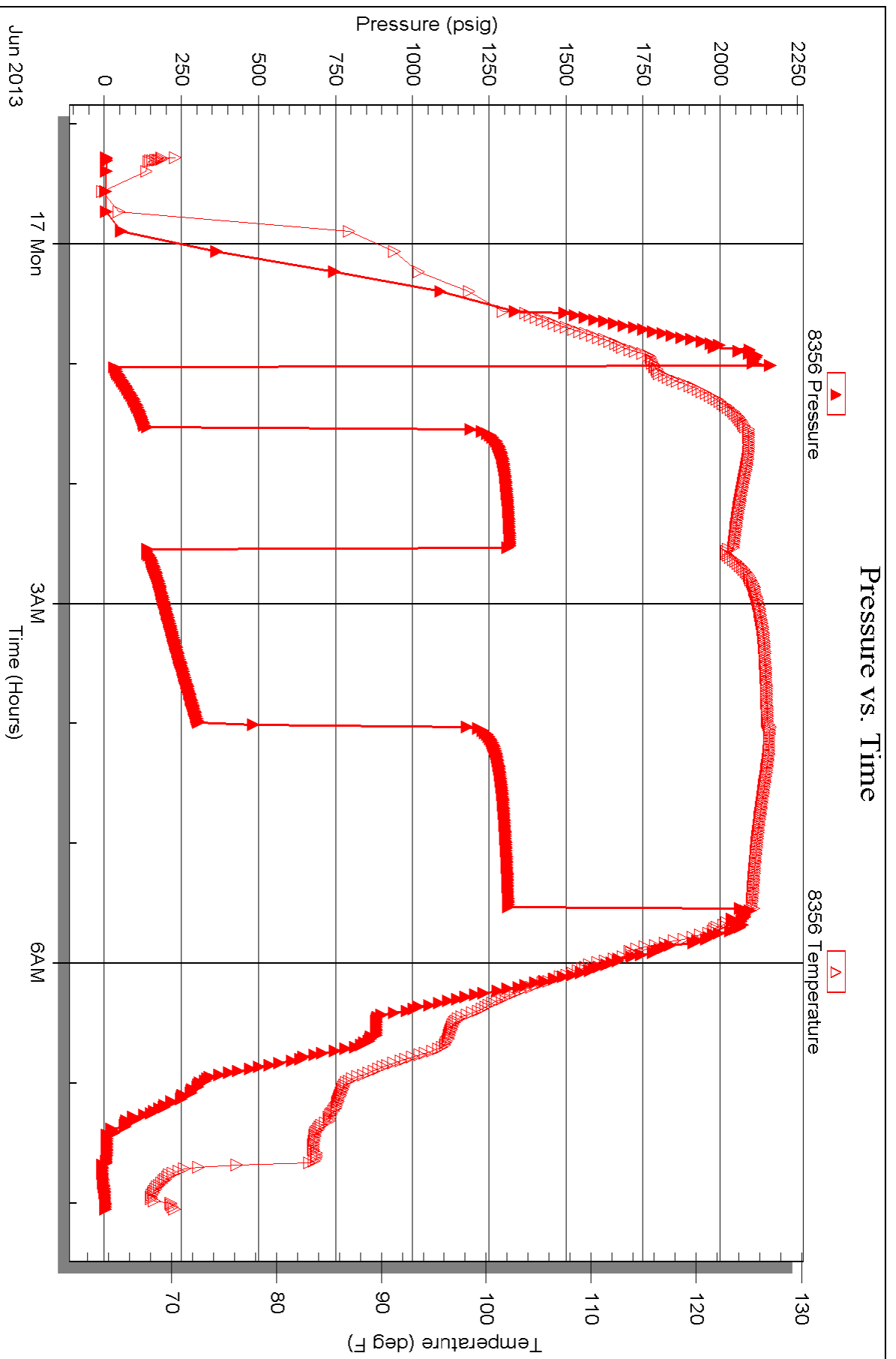
Serial #: 8356

Outside

Pickell Drilling Company

Dinges M#1

DST Test Number: 2

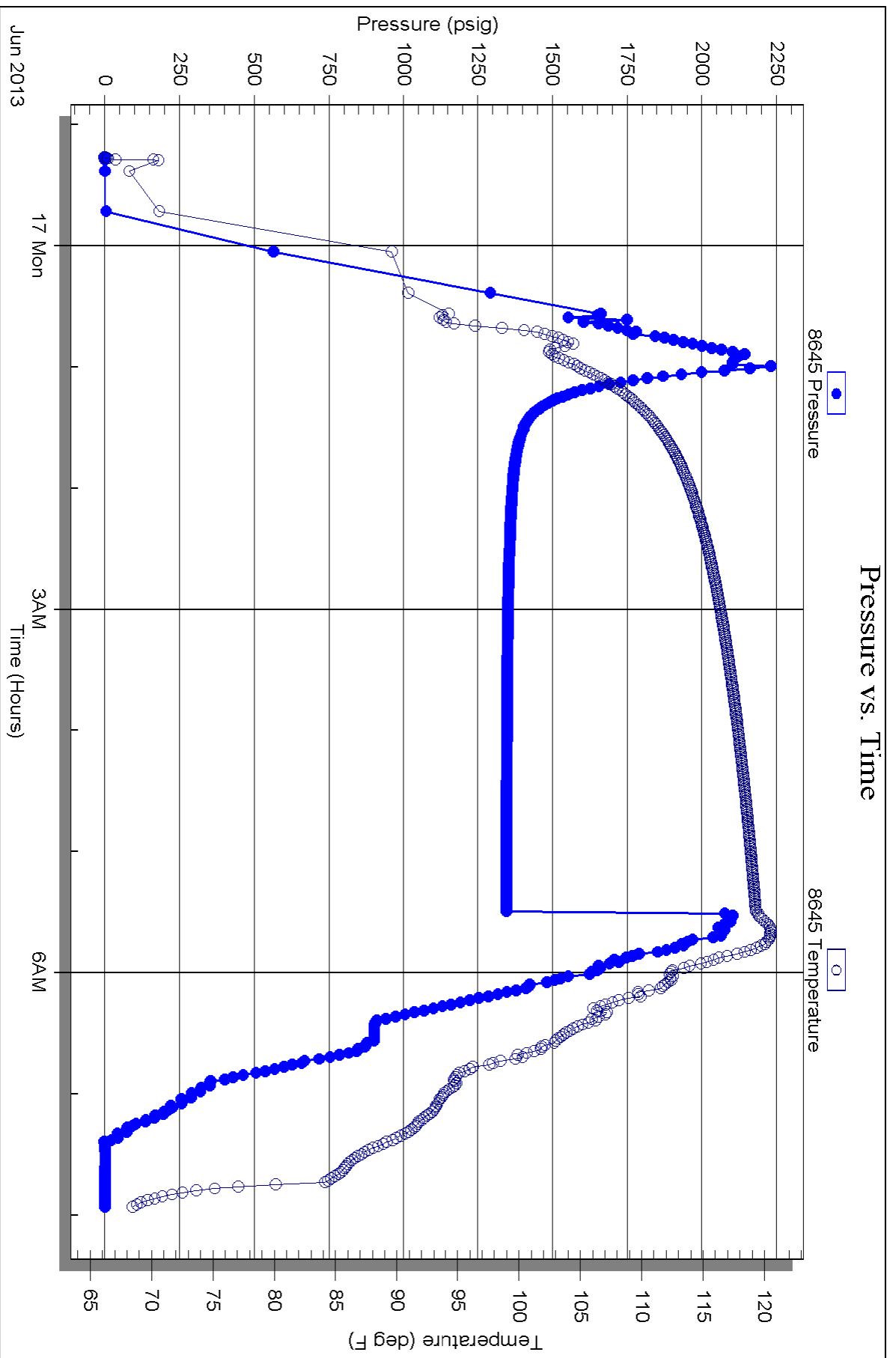


Serial #: 8645

Below (Stratton) Drilling Company

Dinges M#1

DST Test Number: 2





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 53163

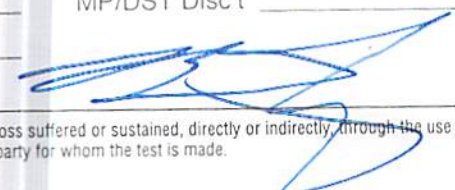
Well Name & No. Dinges M #1 Test No. 1 Date 6-16-13  
 Company Pickrell Drilling Company Elevation 2317 KB 2307 GL  
 Address 100 S Main Ste 500 Wichita, KS 67202  
 Co. Rep. Jerry Smith Rig Pickrell #1  
 Location 18 Twp. 18 Rge. 24W Co. NeSS State KS

Interval Tested 4305 4325 Zone Tested Miss  
 Anchor Length 20 Drill Pipe Run 4152 Mud Wt. 9.4  
 Top Packer Depth 4305 Drill Collars Run 146 Vis 52  
 Bottom Packer Depth 4325 Wt. Pipe Run — WL 6.8  
 Total Depth 4456 Chlorides 2000 ppm System LCM 0  
 Blow Description Packers Failed & open.

Rec	Feet of	%gas	%oil	%water	%mud
<u>372</u>	<u>mud</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	Feet of	%gas	%oil	%water	%mud

Rec Total 372 BHT 113 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2198  Test 1050 T-On Location 16:50  
 (B) First Initial Flow 1696  Jars T-Started 17:50  
 (C) First Final Flow —  Safety Joint 75 T-Open 19:52  
 (D) Initial Shut-In —  Circ Sub NCC T-Pulled 19:55  
 (E) Second Initial Flow —  Hourly Standby T-Out 22:40  
 (F) Second Final Flow —  Mileage 104- 161.20 Comments —  
 (G) Final Shut-In —  Sampler —  
 (H) Final Hydrostatic 2103  Straddle 600  Ruined Shale Packer  
 Shale Packer  Ruined Packer  
 Extra Packer  Extra Copies  
 Extra Recorder Sub Total 0  
 Day Standby Total 1886.20  
 Accessibility MP/DST Disc't —  
 Sub Total 1886.20

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. 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. 53164

Well Name & No. Dings M #1 Test No. 2 Date 6-16-13  
 Company Pickrell Drilling company Elevation 2317 KB 2307 GL  
 Address \_\_\_\_\_  
 Co. Rep. Geo. Jerry Smith Rig Pickrell #1  
 Location Sec. 18 Twp. 18 Rge. 24W Co. Ness State KS

Interval Tested 4305 4325 Zone Tested MISS  
 Anchor Length 20 Drill Pipe Run 4152 Mud Wt. 9.4  
 Top Packer Depth 4305 Drill Collars Run 146 Vis 52  
 Bottom Packer Depth 4325 Wt. Pipe Run — WL 6.8  
 Total Depth 4456 Chlorides 2000 ppm System LCM 0

Blow Description IF: BoB in 17 min,  
IS: No return,  
FF: BoB in 21 min,  
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>oil</u>	<u>100</u>			
<u>44</u>	<u>wcm</u>		<u>40</u>	<u>60</u>	
<u>36</u>	<u>mcw</u>		<u>90</u>	<u>10</u>	
<u>20</u>	<u>water</u>		<u>100</u>		

Rec Tot 680 BHT 125 Gravity — API RW .32 @ 65 ° F Chlorides 23,000 ppm

(A) Initial Hydrostatic 2207  Test 1250 T-On Location 22:40  
 (B) First Initial Flow 32  Jars T-Started 23:16  
 (C) First Final Flow 135  Safety Joint 75 T-Open 1:00  
 (D) Initial Shut-In 1314  Circ Sub NIC T-Pulled 5:30  
 (E) Second Initial Flow 139  Hourly Standby T-Out 8:02  
 (F) Second Final Flow 304  Mileage 104 - 161.20 Comments \_\_\_\_\_  
 (G) Final Shut-In 1308  Sampler \_\_\_\_\_ had packers delivered  
 (H) Final Hydrostatic 2090  Straddle 600  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer 3-750.00  Ruined Packer \_\_\_\_\_

Initial Cost 30  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In 60  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Flow 90  Day Standby \_\_\_\_\_ Total 2836.20  
 Final Shut-In 90  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 2836.20

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. 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.



# ALLIED OIL & GAS SERVICES, LLC 060530

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Great Bend

DATE <u>6-11-13</u>	SEC. <u>18</u>	TWP. <u>18S</u>	RANGE <u>24W</u>	CALLED OUT <u>6-10-13</u>	ON LOCATION <u>12 AM</u>	JOB START <u>7:20 AM</u>	JOB FINISH <u>7:45 AM</u>
LEASEE <u>Pickrell Drilling</u>		WELL # <u>Dinges 1 M</u>	LOCATION <u>Ness City 6W 3N</u>		COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>5 inch</u>				

CONTRACTOR Pickrell Drilling

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 228

CASING SIZE 8 5/8 DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH 213.16

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX 500 MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 20

CEMENT LEFT IN CSG. 1.272 bbls

PERFS. \_\_\_\_\_

DISPLACEMENT 13 bbls

OWNER Pickrell Drilling

CEMENT AMOUNT ORDERED 150 SXS  
Class A 31.66 21.66

COMMON	<u>150</u>	@ <u>17.90</u>	<u>2,685.00</u>
POZMIX		@	
GEL	<u>3</u>	@ <u>23.40</u>	<u>70.20</u>
CHLORIDE	<u>5</u>	@ <u>64.00</u>	<u>320.00</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>162.09</u>	@ <u>2.48</u>	<u>401.98</u>
MILEAGE	<u>7.4 x 10x</u>	<u>2.60</u>	<u>192.40</u>
TOTAL			<u>3,669.58</u>

EQUIPMENT

PUMP TRUCK # 398 CEMENTER Patrick Hejerson  
HELPER Josh Isaac

BULK TRUCK # 610 DRIVER Ben Newell

BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:  
Pump 5 bbl water spacer, Pump  
36 bbls cement @ 15.2 PPG, Pump  
13 bbl displacement water - start  
in.  
Completed 14 bbls to surface  
cement

CHARGE TO: Pickrell Drilling

STREET 100 S Main Ste 505

CITY Wichita STATE KS ZIP 67202

SERVICE

DEPTH OF JOB 228

PUMP TRUCK CHARGE 1512.25

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE Hum 10 @ 7.70 77.00

MANIFOLD @ \_\_\_\_\_

Hum 10 @ 4.40 44.00

TOTAL 1,633.25

PLUG & FLOAT EQUIPMENT

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

To: Allied Oil & Gas 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 Mike Kern

SIGNATURE Mike Kern

SALES TAX (if Any) \_\_\_\_\_

TOTAL CHARGES 5,302.23

DISCOUNT 1,325.20 IF PAID IN 30 DAYS

3,977.12



CHARGE TO: Picknell Drilling  
 ADDRESS \_\_\_\_\_  
 CITY, STATE, ZIP CODE \_\_\_\_\_

TICKET No 24387

PAGE 1 OF 2

SERVICE LOCATIONS  
 1. Newly KS WELPROJCT NO. 1 LEASE Dinges M COUNTY/PARISH New STATE KS CITY New City DATE 17 Jun 13 OWNER  
 2. \_\_\_\_\_ CONTRACTOR \_\_\_\_\_ RIG NAME NO. \_\_\_\_\_ SHIPPED YES DELIVERED TO location ORDER NO.  
 3. \_\_\_\_\_ WEL TYPE \_\_\_\_\_ WELL CATEGORY Development JOB PURPOSE cement new long string WELL PERMIT NO. \_\_\_\_\_ WELL LOCATION 18-18-24  
 4. REFERRAL LOCATION \_\_\_\_\_ INVOICE INSTRUCTIONS \_\_\_\_\_

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575		1			TRK 114	10	mi	1	mi	6.00	60.00	
578		1			Pump charge	1	ea	1	ea	1500.00	1500.00	
330		1			SMD cement	350	sk	1	sk	17.00	5950.00	
276		1			Fluore	75	lb	1	lb	2.00	150.00	
221		1			REL Drygord	2	gal	1	gal	25.00	50.00	
290		1			D-are	3	gal	1	gal	42.00	126.00	

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED \_\_\_\_\_ TIME SIGNED \_\_\_\_\_  
 A.M.  P.M.

REMIT PAYMENT TO:  
 SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?  YES  NO

WE UNDERSTOOD AND MET YOUR NEEDS?  YES  NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY?  YES  NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?  YES  NO

ARE YOU SATISFIED WITH OUR SERVICE?  YES  NO

PAGE TOTAL 1 7836.00  
 2 2090.00  
 Subtotal 9926.00  
 TAX 50.00  
 TOTAL 9976.00

WIFT OPERATOR \_\_\_\_\_ APPROVAL \_\_\_\_\_  
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.  
 Thank You!



PO Box 466  
Ness City, KS 67560  
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 24387

CUSTOMER *Pickrell Drilling*

WEIGHT *Dinges in #1*

DATE *11 Nov 13*

PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WEIGHT				DATE	UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M			
402		1				Can Halizer	4 1/2	in	5	ea		65.00	325.00
403		1				Canust Basket	4 1/2	in	1	ea		265.00	265.00
406		1				Latex drum play bag etc	4 1/2	in	1	ea		225.00	225.00
407		1				Insert Flats heavy/ Aero-Fill	4 1/2	in	1	ea		325.00	325.00
582		1				<i>Damage (win)</i>	1	ea				250.00	250.00
581		1				<i>Service charge</i>						2.00	700.00
SERVICE CHARGE MILEAGE CHARGE TOTAL WEIGHT LOADED MILES CUBIC FEET TON MILES													

CONTINUATION TOTAL 2090.00





Services, Inc.

CHARGE TO: Pickrell Drilling Co.  
 ADDRESS  
 CITY, STATE, ZIP CODE

TICKET No. 24955

PAGE 1 OF 1

SERVICE LOCATIONS  
 1. Ness Co. B WELL/PROJECT NO. 500 LEASE Dinges COUNTY/PARISH Ness STATE Ks CITY Ness Co. B DATE 7-19-2013 OWNER Steve  
 2. M TICKET TYPE CONTRACTOR RIG NAME NO. None SHIPPED VIA None DELIVERED TO W. Old & Lassley ORDER NO.  
 3. None WELLS TYPE None WELLS CATEGORY New well JOB PURPOSE Pump cut down WELLS PERMIT NO.  
 4. SWD INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575					114	10	mi				60	600
577					Pump Chngs	1	ea				1000	1000
330					SM D Cmt.	17	ea				17	1000
581					Secure Chngs	2	ea				2	1000
582					Drayage	1	ea				250	250

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED 7-19-2013 TIME SIGNED 2:15  A.M.  P.M.

SWIFT OPERATOR [Signature]

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services described on this ticket

APPROVAL [Signature]

REMIT PAYMENT TO:  
 SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY  
 OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?  
 WE UNDERSTOOD AND MET YOUR NEEDS?  
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?  
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB SATISFACTORILY?  
 ARE YOU SATISFIED WITH OUR SERVICE?  
 CUSTOMER DID NOT WISH TO RESPOND

AGREE UN-DECEIDED DIS-AGREE

PAGE TOTAL 2355.00

TOTAL 2355.00

SWD for Tax W. Well

Thank You!

