

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1260664
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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 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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1260664



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 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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 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)*

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Murfin Drilling Co., Inc.
Well Name	Johnson 'E' 1-10
Doc ID	1260664

All Electric Logs Run

DIL
DUCP
MEL
BHCS

Johnson 'E' #1-10
 2310' FSL 330' FEL
 Sec. 10-4S-36W
 3245' KB

Formation	Sample top	Datum	Ref	Log tops	Datum	Ref
Anhydrite	3012	+233	-1	3007	+238	+4
B/Anhydrite	3050	+195	Flat	3046	+199	+4
Topeka	3936	-691	-6	3939	-694	-9
Heebner	4100	-855	-3	4096	-851	+1
Lansing	4150	-905	-4	4146	-901	Flat
Stark	4350	-1105	-1	4352	-1107	-3
BKC	4398	-1153	-4	4398	-1153	-4
Pawnee	4524	-1279	-2	4524	-1279	-2
Ft Scott	4581	-1336	-2	4580	-1335	-1
Cherokee	4598	-1353	-1	4598	-1353	-1
Mississippi	4808	-1563		4811	-1566	
RTD	4870					
LTD				4870		



DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co., Inc.**

250 N Water Suite 300
Wichita, KS 67202

ATTN: Paul Gunzelman

Johnson 'E' #1-10

10-4s-36w Rawlins,KS

Start Date: 2015.07.12 @ 16:37:00

End Date: 2015.07.13 @ 00:18:20

Job Ticket #: 61693 DST #: 1

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

Printed: 2015.07.15 @ 13:30:59



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.

10-4s-36w Rawlins,KS

250 N Water Suite 300
Wichita, KS 67202

Johnson 'E' #1-10

Job Ticket: 61693

DST#: 1

ATTN: Paul Gunzelman

Test Start: 2015.07.12 @ 16:37:00

GENERAL INFORMATION:

Formation: **LKC A-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:24:10

Time Test Ended: 00:18:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 61

Interval: 4100.00 ft (KB) To 4219.00 ft (KB) (TVD)

Reference Elevations: 3245.00 ft (KB)

Total Depth: 4219.00 ft (KB) (TVD)

3240.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8357

Inside

Press@RunDepth: 33.99 psig @ 4102.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.12

End Date:

2015.07.13

Last Calib.:

2015.07.13

Start Time:

16:37:02

End Time:

00:18:19

Time On Btm:

2015.07.12 @ 19:22:30

Time Off Btm:

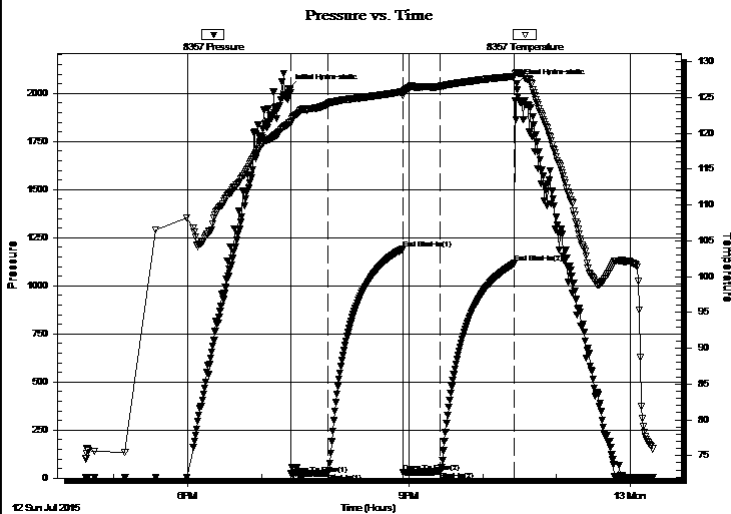
2015.07.12 @ 22:27:30

TEST COMMENT: 30- 1/2" Blow died @ 20 min.

60- No return.

30- No blow .

60- No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2024.93	121.42	Initial Hydro-static
2	22.05	121.57	Open To Flow (1)
32	26.25	124.17	Shut-In(1)
93	1191.77	125.81	End Shut-In(1)
93	29.23	125.24	Open To Flow (2)
123	33.99	126.58	Shut-In(2)
184	1117.03	127.99	End Shut-In(2)
185	2052.03	128.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	M 100m	0.15

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co., Inc.

10-4s-36w Rawlins,KS

250 N Water Suite 300
Wichita, KS 67202

Johnson 'E' #1-10

Job Ticket: 61693

DST#: 1

ATTN: Paul Gunzelman

Test Start: 2015.07.12 @ 16:37:00

Tool Information

Drill Pipe:	Length: 3965.00 ft	Diameter: 3.82 inches	Volume: 56.21 bbl	Tool Weight: 2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 56.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.50 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4100.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	119.00 ft			
Tool Length:	146.50 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			4073.50	
Shut In Tool	5.00			4078.50	
Hydraulic tool	5.00			4083.50	
Jars	5.00			4088.50	
Safety Joint	2.50			4091.00	
Packer	5.00			4096.00	27.50 Bottom Of Top Packer
Packer	4.00			4100.00	
Stubb	1.00			4101.00	
Perforations	1.00			4102.00	
Recorder	0.00	8357	Inside	4102.00	
Recorder	0.00	6751	Outside	4102.00	
Perforations	19.00			4121.00	
Change Over Sub	1.00			4122.00	
Drill Pipe	93.00			4215.00	
Change Over Sub	1.00			4216.00	
Bullnose	3.00			4219.00	119.00 Bottom Packers & Anchor
Total Tool Length:	146.50				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co., Inc.

10-4s-36w Rawlins,KS

250 N Water Suite 300
Wichita, KS 67202

Johnson 'E' #1-10

Job Ticket: 61693

DST#: 1

ATTN: Paul Gunzelman

Test Start: 2015.07.12 @ 16:37:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	M 100m	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

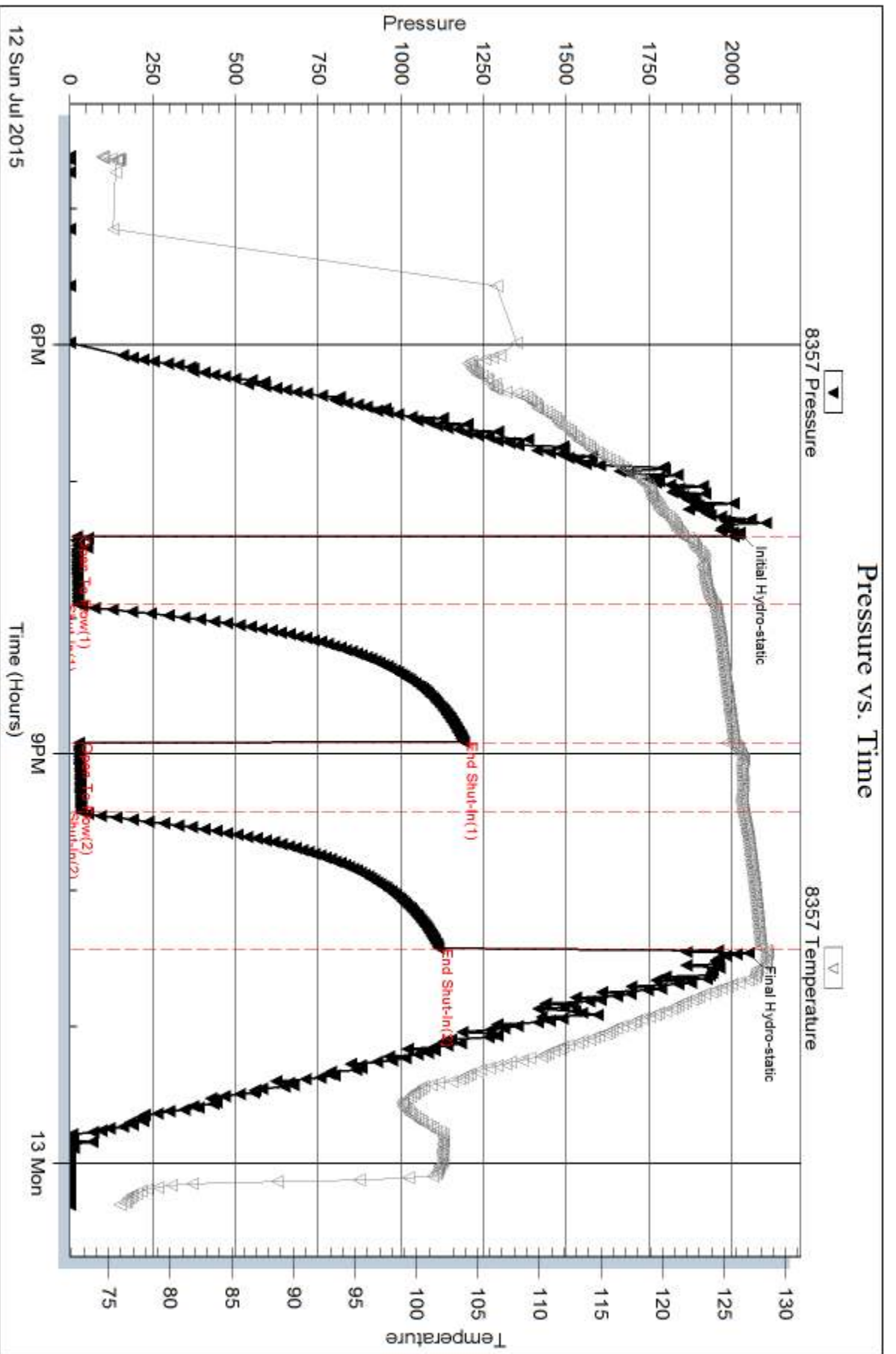
Num Gas Bombs: 0

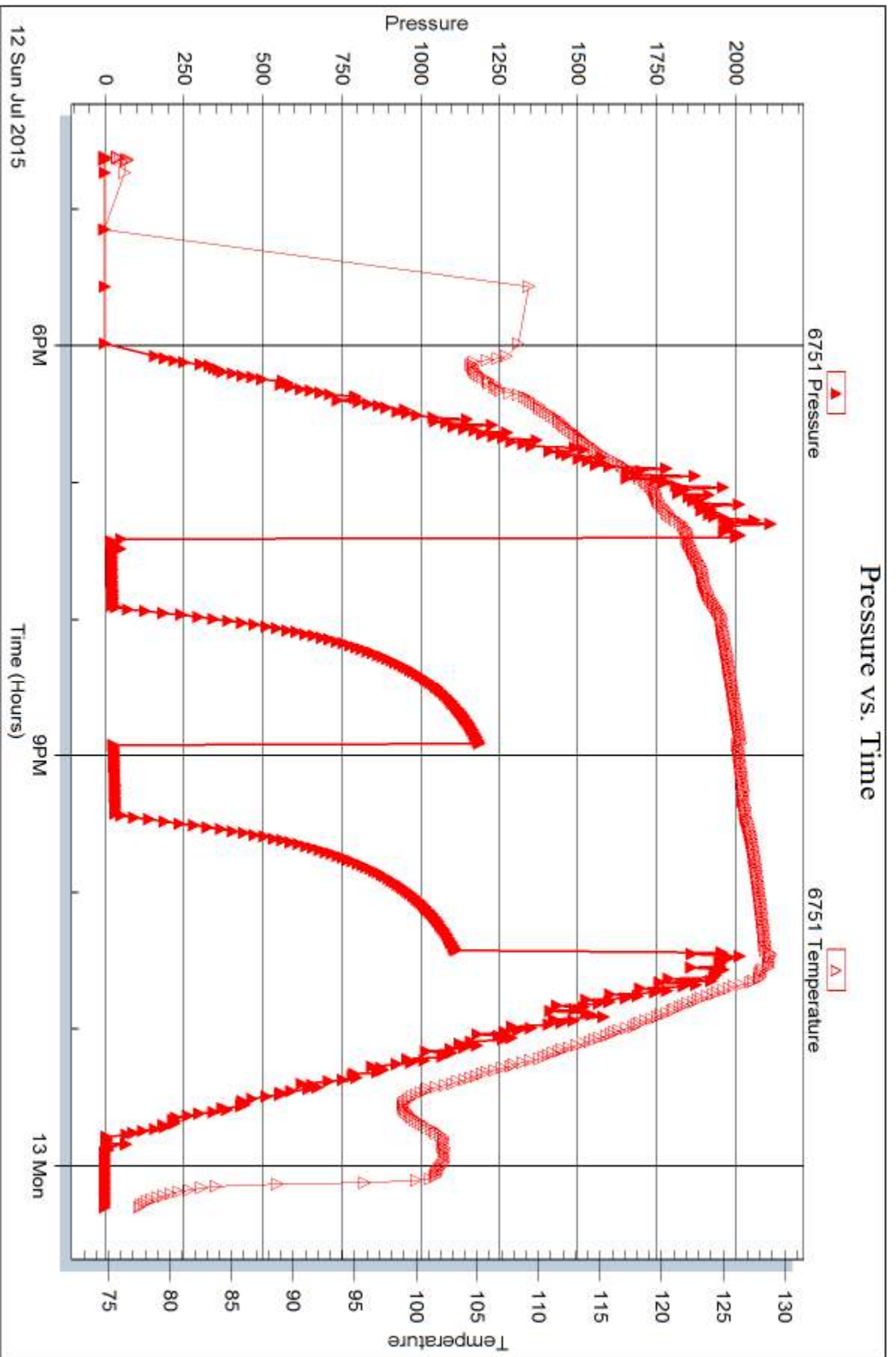
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co., Inc.**

250 N Water Suite 300
Wichita, KS 67202

ATTN: Paul Gunzelman

Johnson 'E' #1-10

10-4s-36w Rawlins,KS

Start Date: 2015.07.14 @ 19:37:00

End Date: 2015.07.15 @ 03:19:30

Job Ticket #: 61694 DST #: 2

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

Printed: 2015.07.15 @ 13:29:02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.

10-4s-36w Rawlins,KS

250 N Water Suite 300
Wichita, KS 67202

Johnson 'E' #1-10

Job Ticket: 61694

DST#: 2

ATTN: Paul Gunzelman

Test Start: 2015.07.14 @ 19:37:00

GENERAL INFORMATION:

Formation: **Cherokee-Verdigris**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:02:40

Time Test Ended: 03:19:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

Interval: 4593.00 ft (KB) To 4634.00 ft (KB) (TVD)

Reference Elevations: 3245.00 ft (KB)

Total Depth: 4634.00 ft (KB) (TVD)

3240.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8357

Inside

Press@RunDepth: 19.97 psig @ 4594.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.14

End Date:

2015.07.15

Last Calib.:

2015.07.15

Start Time: 19:37:02

End Time:

03:19:30

Time On Btm:

2015.07.14 @ 22:01:20

Time Off Btm:

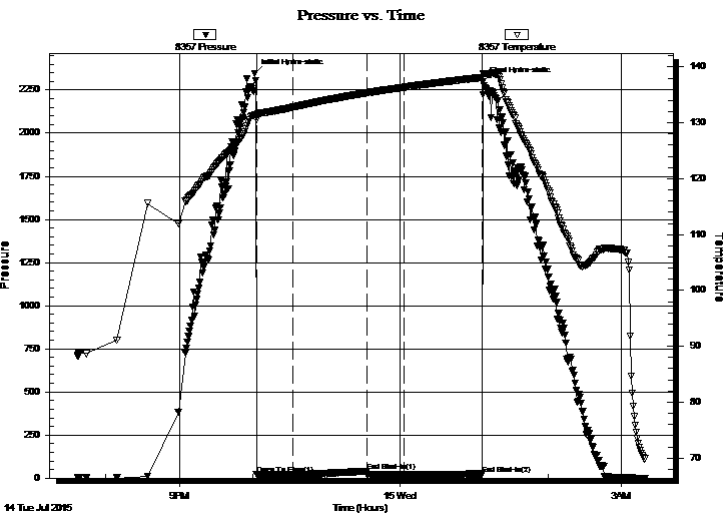
2015.07.15 @ 01:07:20

TEST COMMENT: 30- Surface blow died @ 15 min.

60- No return.

30- No blow .

60- No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2347.06	131.48	Initial Hydro-static
2	20.43	130.53	Open To Flow (1)
32	20.10	132.82	Shut-In(1)
92	40.15	135.37	End Shut-In(1)
92	20.07	135.37	Open To Flow (2)
122	19.97	136.37	Shut-In(2)
186	24.65	138.12	End Shut-In(2)
186	2300.44	138.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	M 100m	0.01

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co., Inc.

10-4s-36w Rawlins, KS

250 N Water Suite 300
Wichita, KS 67202

Johnson 'E' #1-10

Job Ticket: 61694

DST#: 2

ATTN: Paul Gunzelman

Test Start: 2015.07.14 @ 19:37:00

Tool Information

Drill Pipe:	Length: 4465.00 ft	Diameter: 3.82 inches	Volume: 63.29 bbl	Tool Weight: 2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 63.88 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.50 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4593.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	68.50 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			4566.50	
Shut In Tool	5.00			4571.50	
Hydraulic tool	5.00			4576.50	
Jars	5.00			4581.50	
Safety Joint	2.50			4584.00	
Packer	5.00			4589.00	27.50 Bottom Of Top Packer
Packer	4.00			4593.00	
Stubb	1.00			4594.00	
Recorder	0.00	8357	Inside	4594.00	
Recorder	0.00	6751	Outside	4594.00	
Perforations	4.00			4598.00	
Change Over Sub	1.00			4599.00	
Drill Pipe	31.00			4630.00	
Change Over Sub	1.00			4631.00	
Bullnose	3.00			4634.00	41.00 Bottom Packers & Anchor

Total Tool Length: 68.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co., Inc.

10-4s-36w Rawlins,KS

250 N Water Suite 300
Wichita, KS 67202

Johnson 'E' #1-10

Job Ticket: 61694

DST#: 2

ATTN: Paul Gunzelman

Test Start: 2015.07.14 @ 19:37:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	M 100m	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

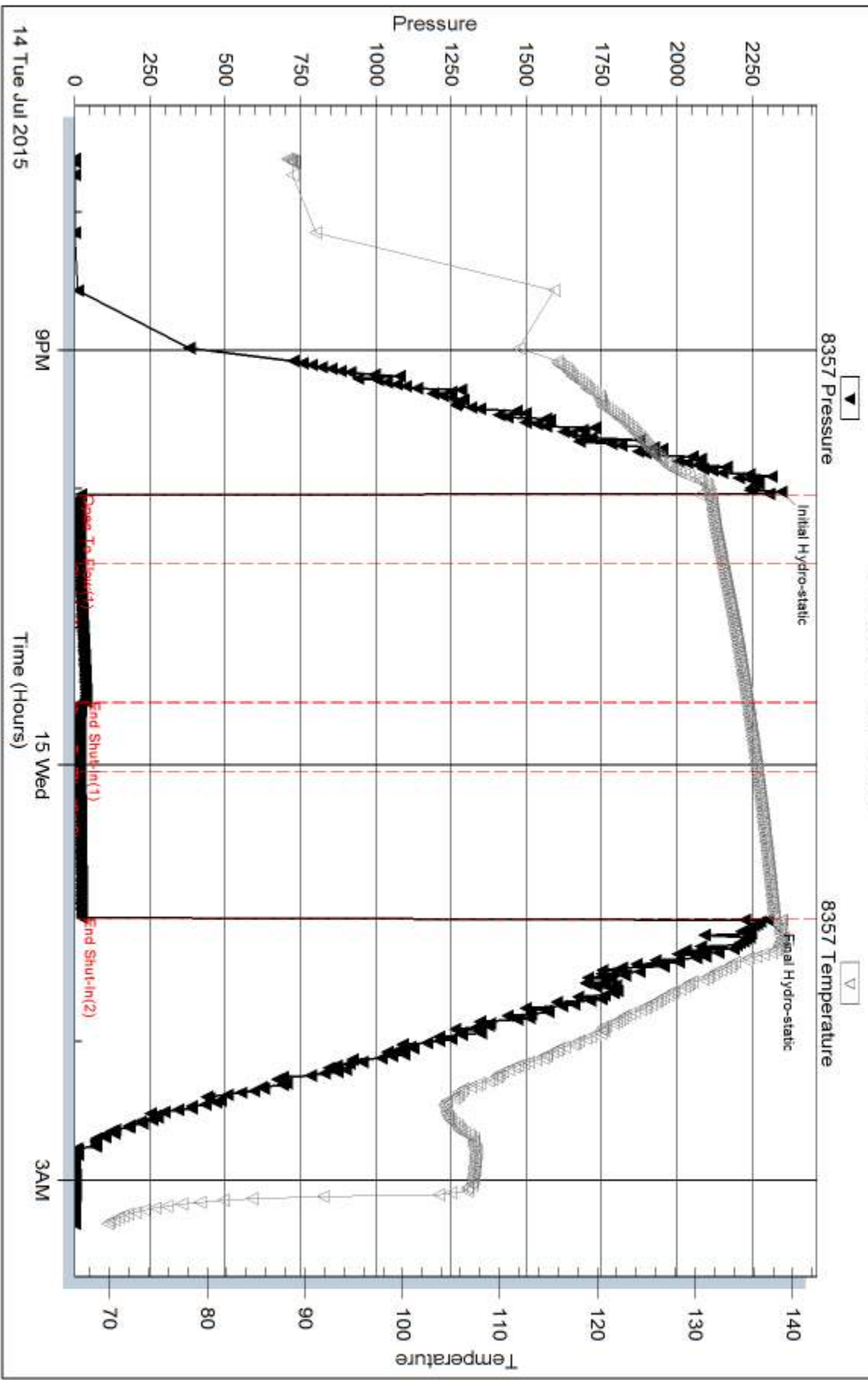
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

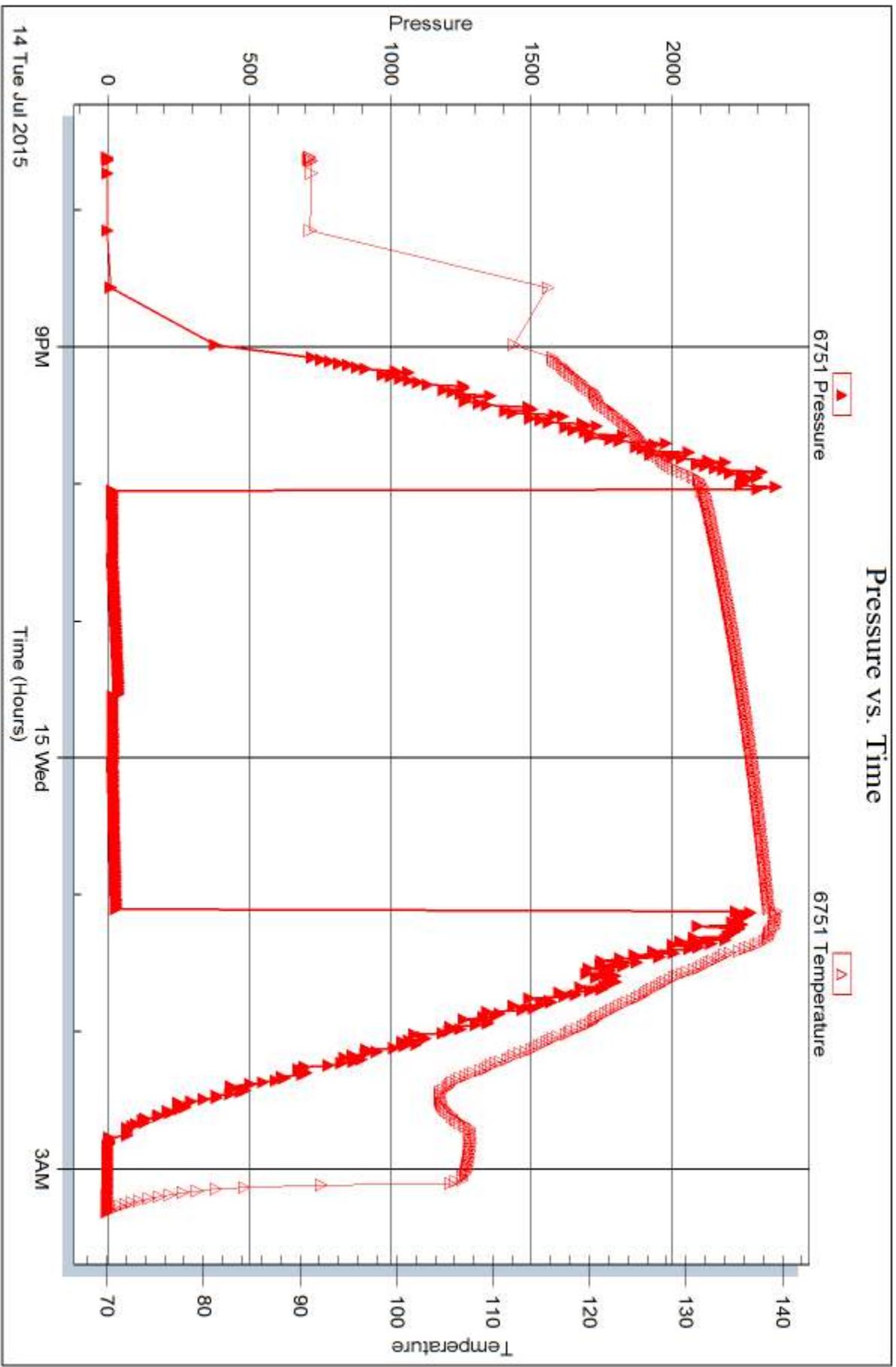


Serial #: 6751

Outside Murfin Drilling Co., Inc.

Johnson E#1-10

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 61694

Printed: 2015.07.15 @ 13:29:04



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61693

Well Name & No. Johnson 'E' #1-10 Test No. 1 Date 7-12-15
 Company Murfin Drilling Co., Inc Elevation 3245 KB 3240 GL
 Address 250 N. Water STE 300 Wichita, KS 67202
 Co. Rep / Geo. Paul Gunzelman Rig M.D.C. #24
 Location: Sec. 10 Twp. 7s Rge. 36w Co. Rawlins State Ks

Interval Tested 4100 - 4219 Zone Tested LKC A+D
 Anchor Length 119 Drill Pipe Run 3965 Mud Wt. 9.0
 Top Packer Depth 4096 Drill Collars Run 120 Vis 53
 Bottom Packer Depth 4100 Wt. Pipe Run 0 WL 5.6
 Total Depth 4219 Chlorides 1200 ppm System LCM 8"
 Blow Description 1/2" Blow died @ 20 min.
No return.
No blow.
No return.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>30</u>	Feet of <u>M</u>				<u>100%</u>
Rec	Feet of				
Rec	Feet of				
Rec	Feet of				

Rec Total 30 BHT 128 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic <u>2025</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>16:35</u>
(B) First Initial Flow <u>22</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>16:37</u>
(C) First Final Flow <u>26</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>19:23</u>
(D) Initial Shut-In <u>1192</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>22:28</u>
(E) Second Initial Flow <u>29</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>00:18</u>
(F) Second Final Flow <u>34</u>	<input checked="" type="checkbox"/> Mileage <u>229RT</u> 100	Comments
(G) Final Shut-In <u>1117</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2052</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1575</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1575</u>	

Approved By _____ Our Representative Chuck Amal
 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. 61694

Well Name & No. Johnson 'E' #1-10 Test No. 2 Date 7-14-15
 Company Murfin Drilling Co., Inc. Elevation 3245 KB 3240 GL
 Address 250 N. Water STE. 300 Wichita, KS 67202
 Co. Rep / Geo. Paul Gunzelman Rig M.D.C. #24
 Location: Sec. 10 Twp. 4s Rge. 36w Co. Rawlins State KS

Interval Tested 4593-4634 Zone Tested Cherokee - Verdigris
 Anchor Length 41 Drill Pipe Run 4465 Mud Wt. 9.2
 Top Packer Depth 4589 Drill Collars Run 120 Vis 63
 Bottom Packer Depth 4593 Wt. Pipe Run 0 WL 5.6
 Total Depth 4634 Chlorides 1200 ppm System LCM 8*
 Blow Description Surface blow died @ 15 min.
No return.
No blow.
No return.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>2</u>	Feet of <u>M</u>				<u>100</u> %mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 2 BHT 138 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2347</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>19:05</u>
(B) First Initial Flow <u>20</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>19:37</u>
(C) First Final Flow <u>20</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>22:03</u>
(D) Initial Shut-In <u>40</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIC</u>	T-Pulled <u>1:07</u>
(E) Second Initial Flow <u>20</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>3:20</u>
(F) Second Final Flow <u>20</u>	<input checked="" type="checkbox"/> Mileage <u>96 RT colby</u> <u>100</u>	Comments <u>3 Nights motel</u>
(G) Final Shut-In <u>25</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2300</u>	<input type="checkbox"/> Straddle	
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Extra Packer	<input checked="" type="checkbox"/> Ruined Packer <u>320</u>
	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Day Standby <u>1.5d 6.75h</u>	Sub Total <u>225+320</u>
Initial Shut-In <u>60</u>	<input type="checkbox"/> Accessibility	Total <u>2120</u>
Final Flow <u>30</u>	Sub Total <u>1575</u>	MP/DST Disc't
Final Shut-In <u>60</u>		

Approved By _____ Our Representative Chuck Smith

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.

