

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1251972
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
-----------------------------------	-----------------	---

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: _____

1251972

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
--	---

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
----------------	-------	---------	------------	---

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: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	K3 Oil & Gas Operating Company
Well Name	Grusing 14-10
Doc ID	1251972

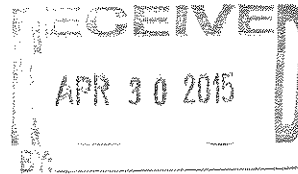
Tops

Name	Top	Datum
Anhydrite	1996	+594
Heebner	3824	-1234
Lansing	3862	-1272
B/KC	4169	-1579
Marmaton	4196	-1606
Ft. Scott	4360	-1770
Cherokee	4384	-1794
Miss	4460	-1870



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361



INVOICE

Invoice Number: 149304
Invoice Date: Apr 13, 2015
Page: 1

Federal Tax I.D.#: 20-8651475

Bill To:
K3 Oil & Gas Operating Co. 211 Highland Cross Suite 230 Houston, TX 77073

Customer ID	Field Ticket #	Payment Terms	
K3	65534	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Apr 13, 2015	5/13/15

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Grusing #14-10		
150.00	CEMENT MATERIALS	Class A Common	17.90	2,685.00
282.00	CEMENT MATERIALS	Gel	0.50	141.00
423.00	CEMENT MATERIALS	Chloride	1.10	465.30
162.20	CEMENT SERVICE	Cubic Feet Charge	2.48	402.26
185.00	CEMENT SERVICE	Ton Mileage Charge	2.75	508.75
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
25.00	CEMENT SERVICE	Pump Truck Mileage	7.70	192.50
25.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	110.00
1.00	CEMENT SUPERVISOR	Kevin Eddy		
1.00	EQUIPMENT OPERATOR	Ben Newell		
		Company _____		
		Well Name _____		
		G/L Account _____		
		Approval _____		

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 2,707.68

ONLY IF PAID ON OR BEFORE

Apr 13, 2015

Subtotal	6,017.06
Sales Tax	235.33
Total Invoice Amount	6,252.39
Payment/Credit Applied	
TOTAL	6,252.39



DRILL STEM TEST REPORT

Prepared For: **K3 Oil & Gas**

211 Highland Cross Suite 250
Houston TX 77073

ATTN: Tom Williams

Grusing #14-10

10-16s-27w Lane,KS

Start Date: 2015.04.19 @ 08:05:28

End Date: 2015.04.19 @ 14:42:28

Job Ticket #: 58656 DST #: 1

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

Printed: 2015.04.24 @ 08:26:26



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

K3 Oil & Gas
211 Highland Cross Suite 250
Houston TX 77073
ATTN: Tom Williams

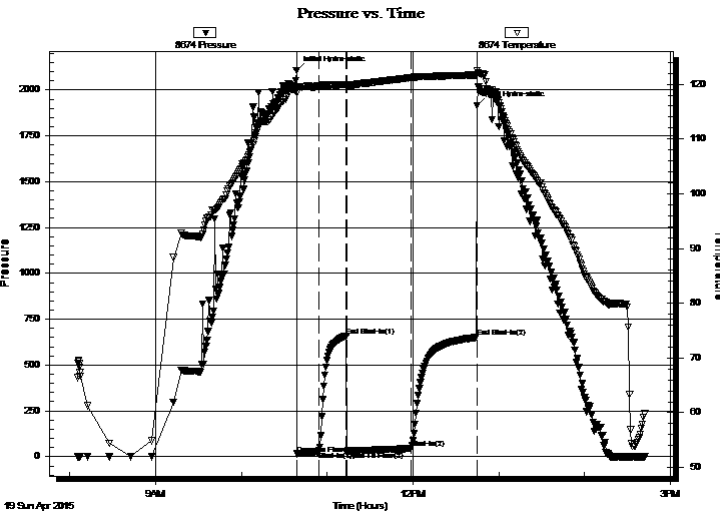
10-16s-27w Lane, KS
Grusing #14-10
Job Ticket: 58656 **DST#: 1**
Test Start: 2015.04.19 @ 08:05:28

GENERAL INFORMATION:

Formation: **LKC "K"**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 10:38:58
Time Test Ended: 14:42:28
Interval: **4136.00 ft (KB) To 4170.00 ft (KB) (TVD)**
Total Depth: 4170.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Bottom Hole (Initial)
Tester: Justin Harris
Unit No: 71
Reference Elevations: 2590.00 ft (KB)
2573.00 ft (CF)
KB to GR/CF: 17.00 ft

Serial #: 8674 **Inside**
Press@RunDepth: 45.16 psig @ 4137.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.04.19 End Date: 2015.04.19 Last Calib.: 2015.04.19
Start Time: 08:05:33 End Time: 14:42:27 Time On Btm: 2015.04.19 @ 10:38:28
Time Off Btm: 2015.04.19 @ 12:44:58

TEST COMMENT: 15: Weak surface blow to 3/4".
30: No Return.
45: No Blow .
45: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2107.14	119.07	Initial Hydro-static
1	15.93	118.37	Open To Flow (1)
16	27.25	119.72	Shut-In(1)
35	658.73	119.93	End Shut-In(1)
36	27.77	119.51	Open To Flow (2)
80	45.16	121.25	Shut-In(2)
126	651.11	121.69	End Shut-In(2)
127	1914.28	122.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	Mud	0.31

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

K3 Oil & Gas
211 Highland Cross Suite 250
Houston TX 77073
ATTN: Tom Williams

10-16s-27w Lane,KS
Grusing #14-10
Job Ticket: 58656 **DST#: 1**
Test Start: 2015.04.19 @ 08:05:28

Tool Information

Drill Pipe:	Length: 3948.50 ft	Diameter: 3.80 inches	Volume: 55.39 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 176.50 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 56.26 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4136.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4109.00	
Shut In Tool	5.00			4114.00	
Hydraulic tool	5.00			4119.00	
Jars	5.00			4124.00	
Safety Joint	3.00			4127.00	
Packer	5.00			4132.00	28.00 Bottom Of Top Packer
Packer	4.00			4136.00	
Stubb	1.00			4137.00	
Recorder	0.00	8355	Outside	4137.00	
Recorder	0.00	8674	Inside	4137.00	
Perforations	28.00			4165.00	
Bullnose	5.00			4170.00	34.00 Bottom Packers & Anchor

Total Tool Length: 62.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

K3 Oil & Gas
211 Highland Cross Suite 250
Houston TX 77073
ATTN: Tom Williams

10-16s-27w Lane,KS
Grusing #14-10
Job Ticket: 58656 **DST#: 1**
Test Start: 2015.04.19 @ 08:05:28

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2900.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	Mud	0.310

Total Length: 63.00 ft Total Volume: 0.310 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

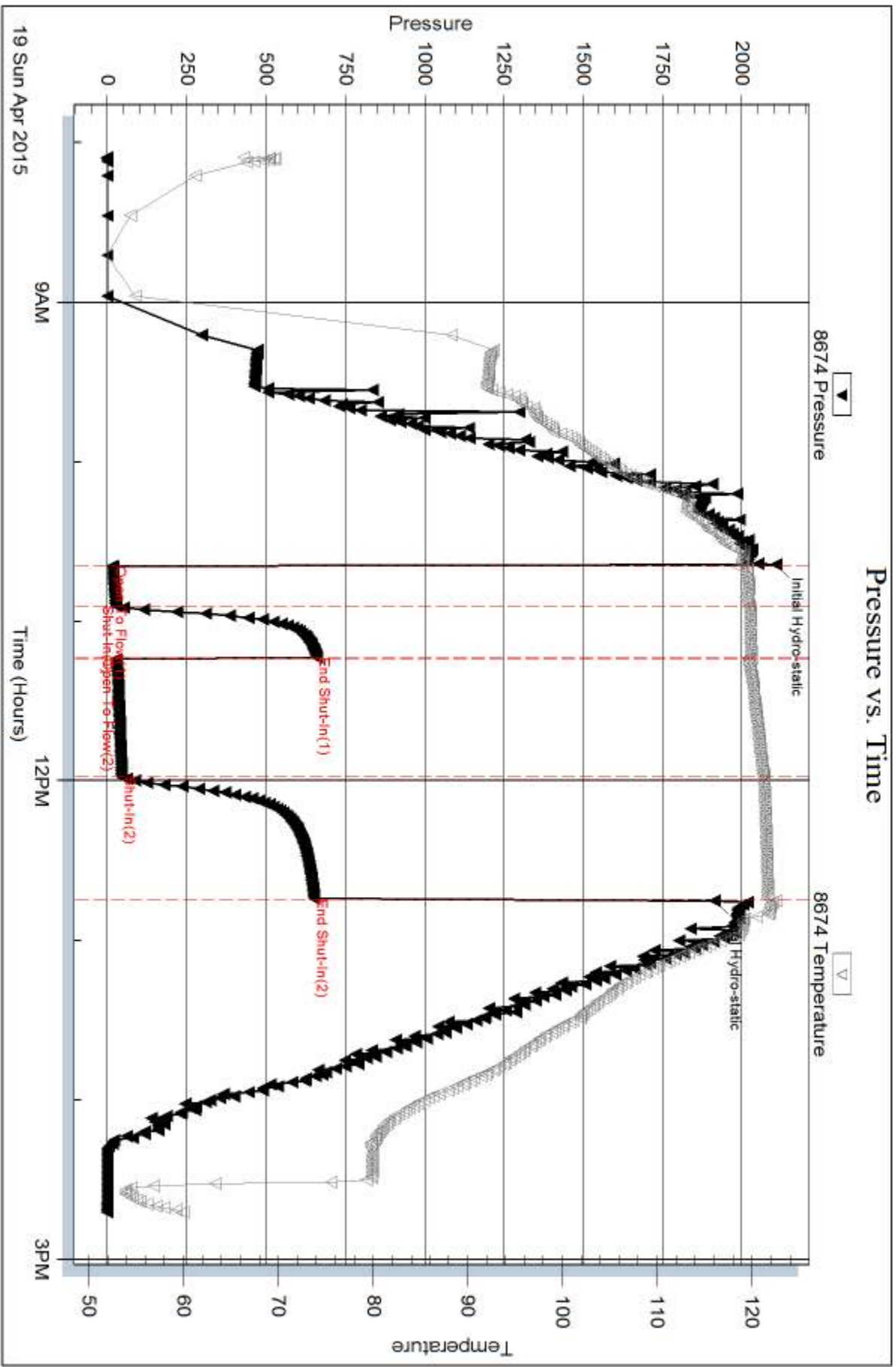
Serial #: 8674

Inside

K3 Oil & Gas

Grusing #14-10

DST Test Number: 1

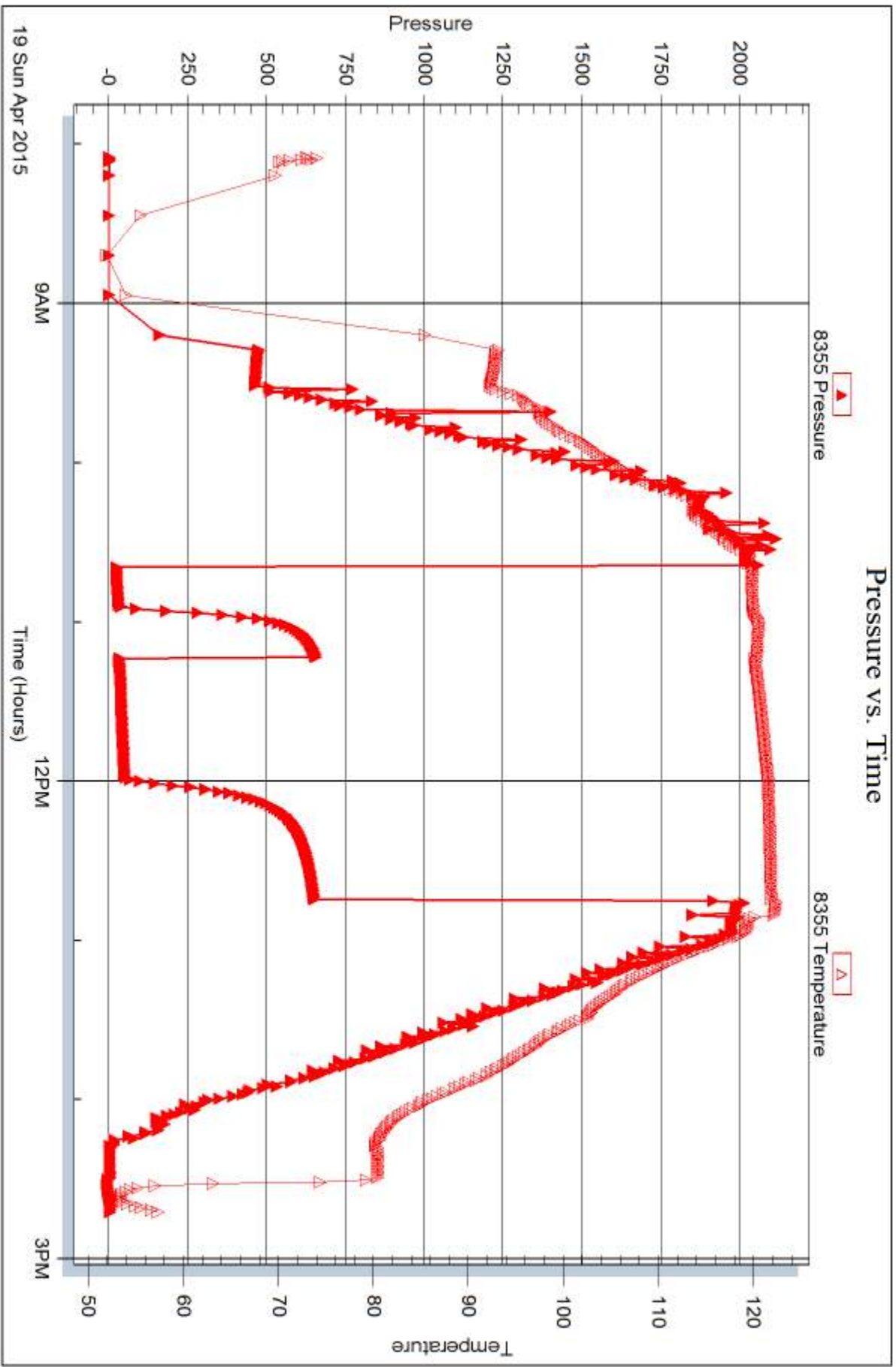


Serial #: 8355

Outside K3 Oil & Gas

Gushing #14-10

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 59656

Printed: 2015.04.24 @ 08:26:28



DRILL STEM TEST REPORT

Prepared For: **K3 Oil & Gas**

211 Highland Cross Suite 250
Houston TX 77073

ATTN: Tom Williams

Grusing #14-10

10-16s-27w Lane,KS

Start Date: 2015.04.20 @ 14:00:00

End Date: 2015.04.20 @ 20:11:45

Job Ticket #: 58657 DST #: 2

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

Printed: 2015.04.24 @ 08:24:40



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

K3 Oil & Gas
211 Highland Cross Suite 250
Houston TX 77073
ATTN: Tom Williams

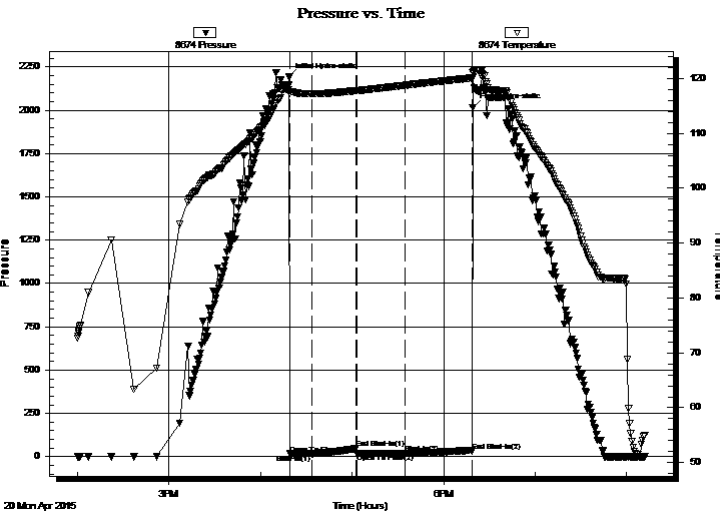
10-16s-27w Lane, KS
Grusing #14-10
Job Ticket: 58657 **DST#: 2**
Test Start: 2015.04.20 @ 14:00:00

GENERAL INFORMATION:

Formation: **Ft. Scott**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 16:19:15
Time Test Ended: 20:11:45
Interval: **4346.00 ft (KB) To 4380.00 ft (KB) (TVD)**
Total Depth: 4380.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Bottom Hole (Reset)
Tester: Justin Harris
Unit No: 71
Reference Elevations: 2590.00 ft (KB)
2573.00 ft (CF)
KB to GR/CF: 17.00 ft

Serial #: 8674 Inside
Press@RunDepth: 17.89 psig @ 4347.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.04.20 End Date: 2015.04.20 Last Calib.: 2015.04.20
Start Time: 14:00:05 End Time: 20:11:44 Time On Btm: 2015.04.20 @ 16:18:45
Time Off Btm: 2015.04.20 @ 18:19:00

TEST COMMENT: 15: Weak surface blow died in 12 mins.
30: No Return.
30: No Blow .
45: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2191.56	118.04	Initial Hydro-static
1	16.76	117.21	Open To Flow (1)
15	16.84	117.18	Shut-In(1)
44	46.51	117.76	End Shut-In(1)
45	17.48	117.75	Open To Flow (2)
76	17.89	118.75	Shut-In(2)
120	30.90	120.09	End Shut-In(2)
121	2015.13	121.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

K3 Oil & Gas
211 Highland Cross Suite 250
Houston TX 77073
ATTN: Tom Williams

10-16s-27w Lane,KS
Grusing #14-10
Job Ticket: 58657 **DST#: 2**
Test Start: 2015.04.20 @ 14:00:00

Tool Information

Drill Pipe:	Length: 4167.50 ft	Diameter: 3.80 inches	Volume: 58.46 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 176.50 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose:	75000.00 lb
			<u>Total Volume: 59.33 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial	65000.00 lb
Depth to Top Packer:	4346.00 ft			Final	65000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	34.00 ft				
Tool Length:	62.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Change Over Sub	1.00			4319.00	
Shut In Tool	5.00			4324.00	
Hydraulic tool	5.00			4329.00	
Jars	5.00			4334.00	
Safety Joint	3.00			4337.00	
Packer	5.00			4342.00	28.00 Bottom Of Top Packer
Packer	4.00			4346.00	
Stubb	1.00			4347.00	
Recorder	0.00	8355	Outside	4347.00	
Recorder	0.00	8674	Inside	4347.00	
Perforations	28.00			4375.00	
Bullnose	5.00			4380.00	34.00 Bottom Packers & Anchor

Total Tool Length: 62.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

K3 Oil & Gas
211 Highland Cross Suite 250
Houston TX 77073
ATTN: Tom Williams

10-16s-27w Lane,KS
Grusing #14-10
Job Ticket: 58657 **DST#: 2**
Test Start: 2015.04.20 @ 14:00:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

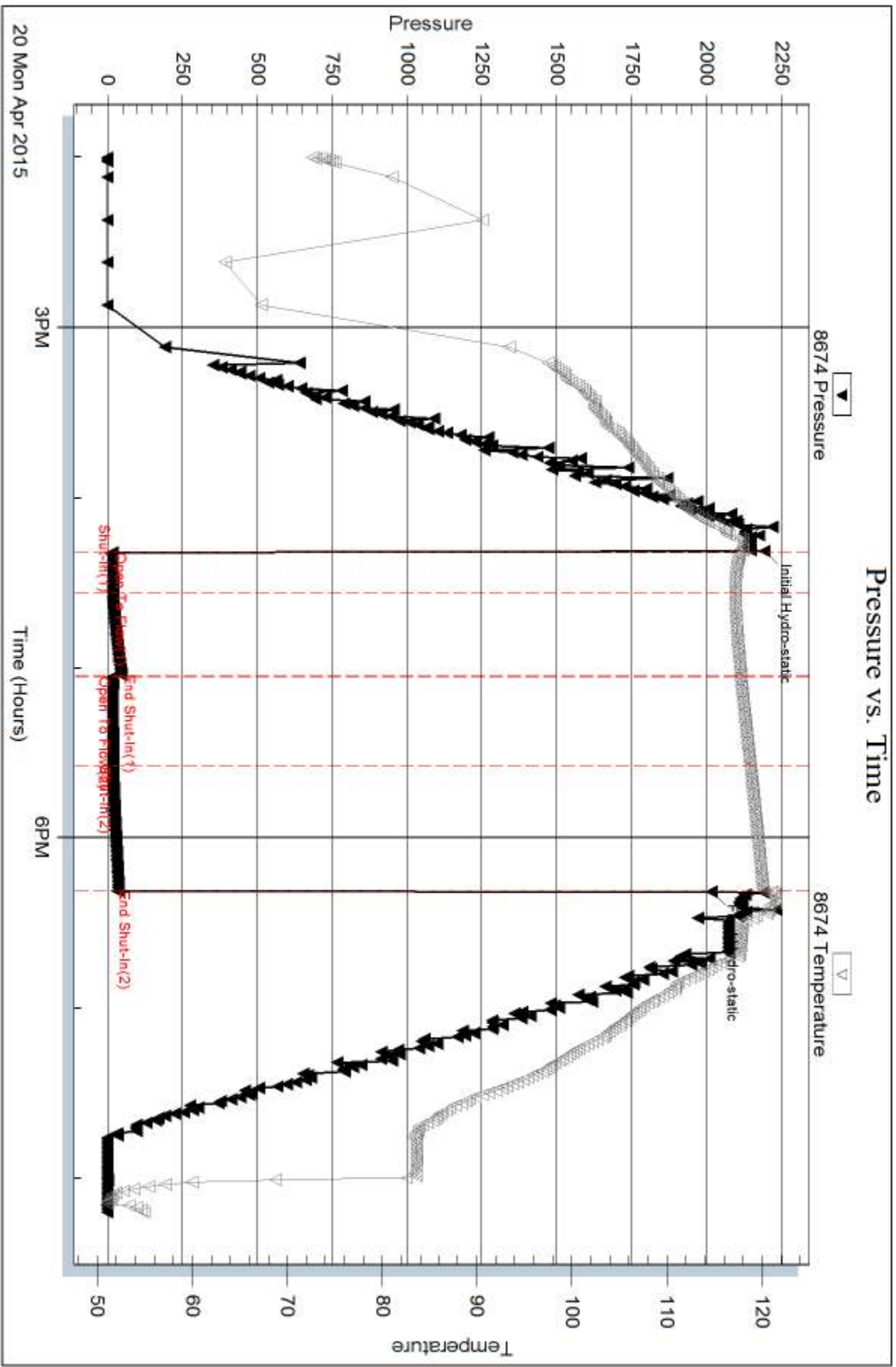
Serial #: 8674

Inside

K3 Oil & Gas

Grubing #14-10

DST Test Number: 2

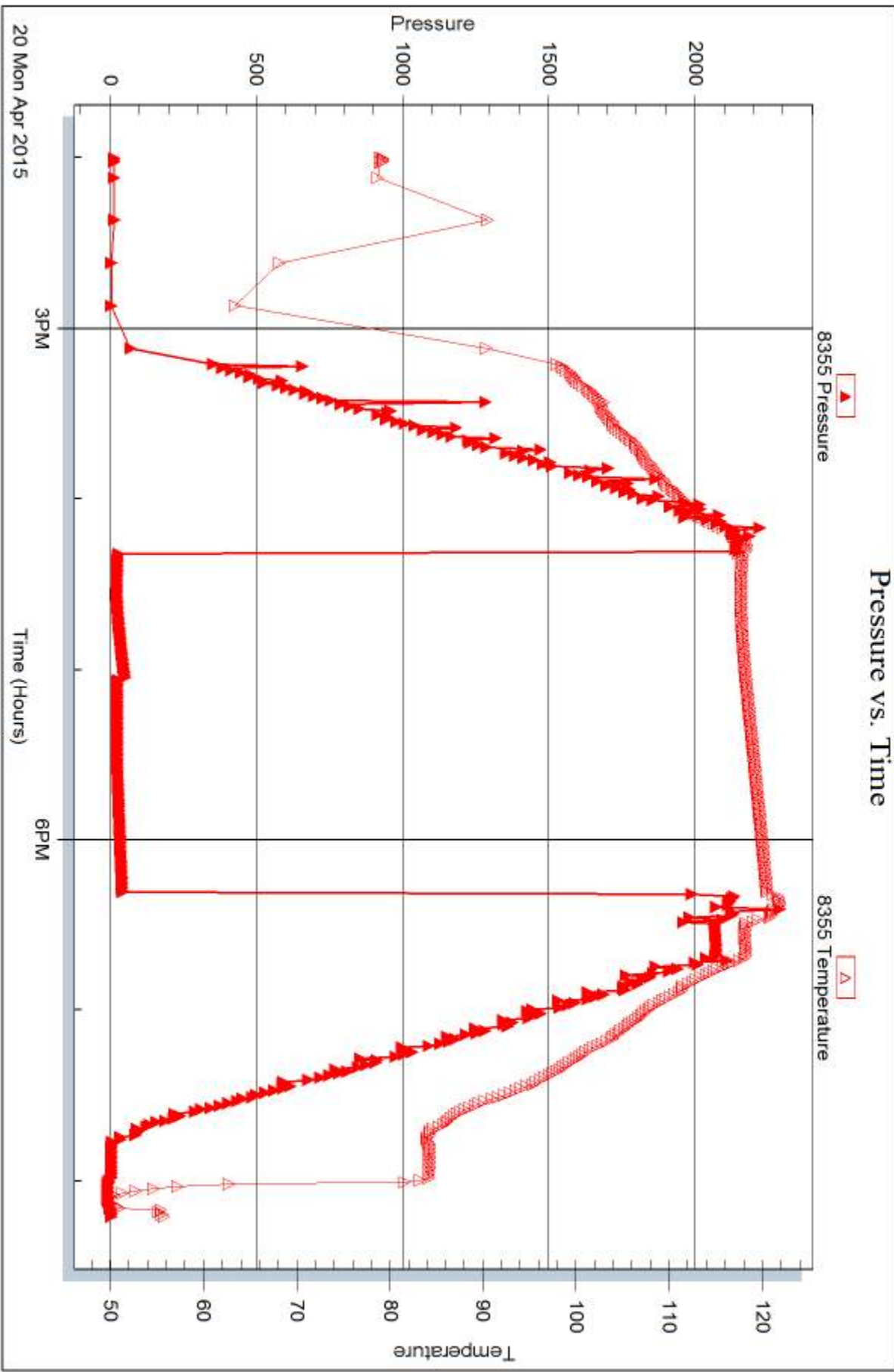


Serial #: 8355

Outside K3 Oil & Gas

Gushing #14-10

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 59657

Printed: 2015.04.24 @ 08:24:42



DRILL STEM TEST REPORT

Prepared For: **K3 Oil & Gas**

211 Highland Cross Suite 250
Houston TX 77073

ATTN: Tom Williams

Grusing #14-10

10-16s-27w Lane,KS

Start Date: 2015.04.21 @ 13:10:00

End Date: 2015.04.21 @ 18:41:15

Job Ticket #: 58658 DST #: 3

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

Printed: 2015.04.24 @ 08:25:59



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

K3 Oil & Gas
 211 Highland Cross Suite 250
 Houston TX 77073
 ATTN: Tom Williams

10-16s-27w Lane, KS
Grusing #14-10
 Job Ticket: 58658 **DST#: 3**
 Test Start: 2015.04.21 @ 13:10:00

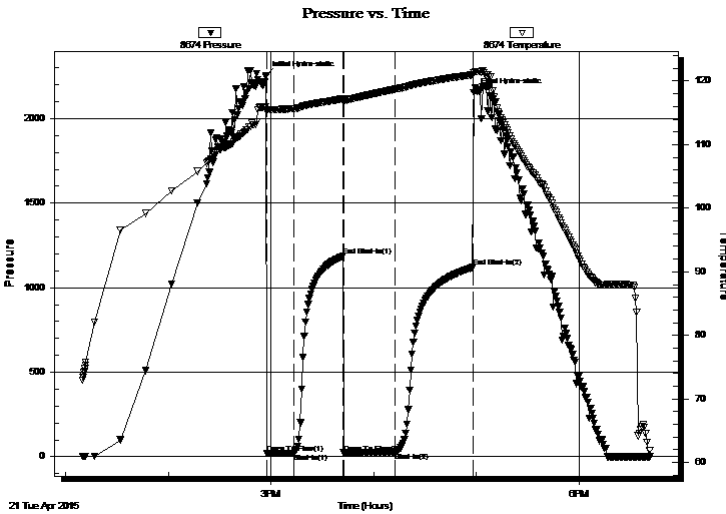
GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 14:57:30
 Time Test Ended: 18:41:15
 Interval: **4468.00 ft (KB) To 4477.00 ft (KB) (TVD)**
 Total Depth: 4477.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Justin Harris
 Unit No: 71
 Reference Elevations: 2590.00 ft (KB)
 2573.00 ft (CF)
 KB to GR/CF: 17.00 ft

Serial #: 8674 **Inside**
 Press@RunDepth: 26.90 psig @ 4469.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.04.21 End Date: 2015.04.21 Last Calib.: 2015.04.21
 Start Time: 13:10:05 End Time: 18:41:14 Time On Btm: 2015.04.21 @ 14:57:15
 Time Off Btm: 2015.04.21 @ 16:58:30

TEST COMMENT: 15: Weak surface blow to 1/4".
 30: No Return.
 30: Weak surface blow .
 45: No Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2254.74	116.03	Initial Hydro-static
1	18.75	115.21	Open To Flow (1)
16	21.07	115.66	Shut-In(1)
45	1186.36	117.21	End Shut-In(1)
46	23.58	116.87	Open To Flow (2)
76	26.90	118.72	Shut-In(2)
121	1119.68	121.00	End Shut-In(2)
122	2154.02	121.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	ocm 10o 90m	0.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

K3 Oil & Gas
211 Highland Cross Suite 250
Houston TX 77073
ATTN: Tom Williams

10-16s-27w Lane,KS
Grusing #14-10
Job Ticket: 58658 **DST#: 3**
Test Start: 2015.04.21 @ 13:10:00

Tool Information

Drill Pipe:	Length: 4292.50 ft	Diameter: 3.80 inches	Volume: 60.21 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 176.50 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose:	75000.00 lb
			<u>Total Volume: 61.08 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	65000.00 lb
Depth to Top Packer:	4468.00 ft			Final	66000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	9.00 ft				
Tool Length:	37.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4441.00	
Shut In Tool	5.00			4446.00	
Hydraulic tool	5.00			4451.00	
Jars	5.00			4456.00	
Safety Joint	3.00			4459.00	
Packer	5.00			4464.00	28.00 Bottom Of Top Packer
Packer	4.00			4468.00	
Stubb	1.00			4469.00	
Recorder	0.00	8355	Outside	4469.00	
Recorder	0.00	8674	Inside	4469.00	
Perforations	3.00			4472.00	
Bullnose	5.00			4477.00	9.00 Bottom Packers & Anchor

Total Tool Length: 37.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

K3 Oil & Gas
211 Highland Cross Suite 250
Houston TX 77073
ATTN: Tom Williams

10-16s-27w Lane,KS
Grusing #14-10
Job Ticket: 58658 **DST#: 3**
Test Start: 2015.04.21 @ 13:10:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2900.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	ocm 10o 90m	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

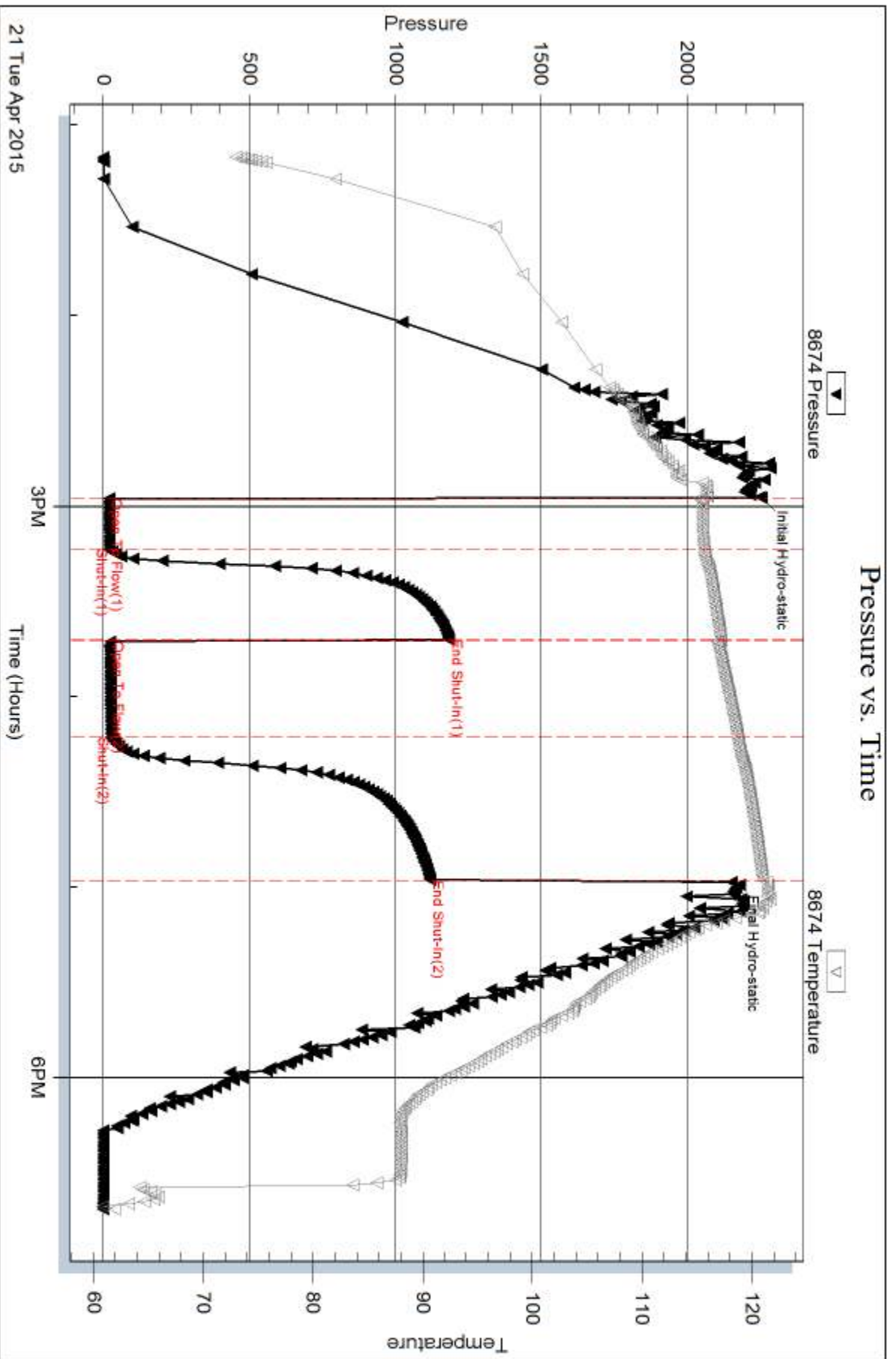
Serial #: 8674

Inside

K3 Oil & Gas

Grusing #14-10

DST Test Number: 3

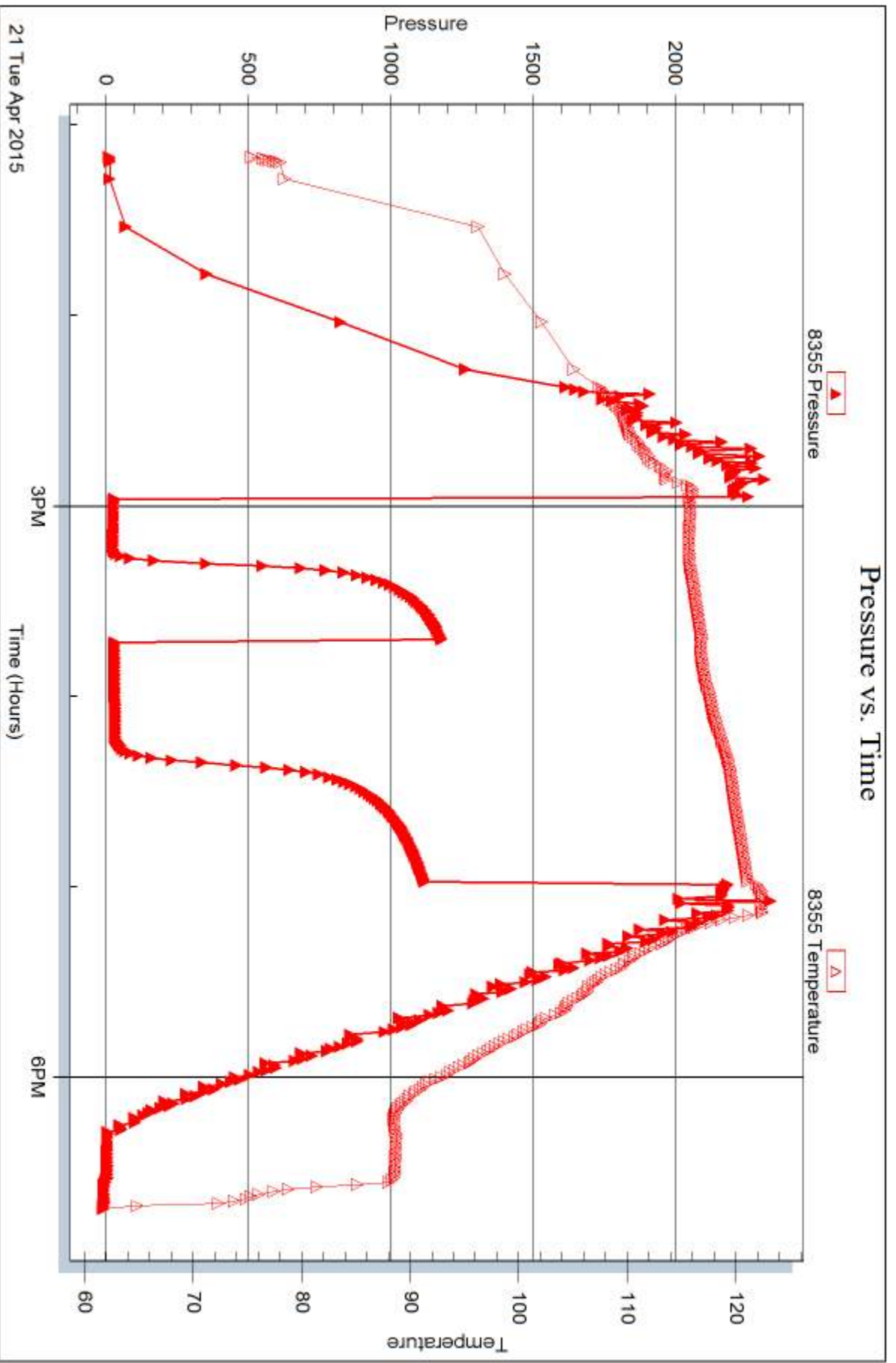


Serial #: 8355

Outside K3 Oil & Gas

Gushing #14-10

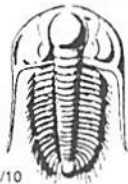
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 59658

Printed: 2015.04.24 @ 08:26:01



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58656

4/10

Well Name & No. Crossing 14-10 Test No. 1 Date 4/19
 Company K3 Oil + Gas Company Elevation 2590 KB 2573 GL
 Address 211 Highland Cross Suite 250 Houston TX 77073
 Co. Rep / Geo. Tom Williams Rig Duke #9
 Location: Sec. 10 Twp. 16S Rge. 27W Co. lane State KS

Interval Tested 4134 4170 Zone Tested LKC "K"
 Anchor Length 34 Drill Pipe Run 3948.5 Mud Wt. 9.1
 Top Packer Depth 4132 Drill Collars Run 176.5 Vis 54
 Bottom Packer Depth 4134 Wt. Pipe Run Ø WL 7.2
 Total Depth 4170 Chlorides 2900 ppm System LCM 1

Blow Description 15 Weak surface blow to 34"
30 No Return
45 No Blow
46 No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>63</u>	<u>mud oil spots</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 63 BHT 122 Gravity - API RW - @ - °F Chlorides - ppm

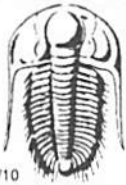
(A) Initial Hydrostatic 2107 Test 1150 T-On Location 7:25
 (B) First Initial Flow 14 Jars 250 T-Started 8:05
 (C) First Final Flow 27 Safety Joint 75 T-Open 10:37
 (D) Initial Shut-In 659 Circ Sub N/C T-Pulled 13:42
 (E) Second Initial Flow 28 Hourly Standby _____ T-Out 14:42
 (F) Second Final Flow 45 Mileage 89 RT 89 Comments _____
 (G) Final Shut-In 651 Sampler _____
 (H) Final Hydrostatic 1914 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1564
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1564

Initial Open 15
 Initial Shut-In 30
 Final Flow 45
 Final Shut-In 46

Approved By Tom Williams

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. 58657

Well Name & No. Crusis 14-10 Test No. 2 Date 4/20
 Company K3 Oil & Gas Company Elevation 2590 KB 2573 GL
 Address 211 Highland Cross Suite 250 Houston TX, 77073
 Co. Rep / Geo. Tom Williams Rig Duke #9
 Location: Sec. 10 Twp. 14S Rge. 27W Co. Lea State KS

Interval Tested 4344 4380 Zone Tested Ft. Scott
 Anchor Length 34 Drill Pipe Run 417.5 Mud Wt. 9.3
 Top Packer Depth 4342 Drill Collars Run 176.5 Vis 52
 Bottom Packer Depth 4344 Wt. Pipe Run Ø WL 7.2
 Total Depth 4380 Chlorides 3000 ppm System LCM 1

Blow Description 15 weak surface blow died in 12 mins.
30 no return
30 no blow
45 no return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</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 5 BHT 120 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2192 Test 1150 T-On Location 14:00
 (B) First Initial Flow 17 Jars 250 T-Started 14:00
 (C) First Final Flow 17 Safety Joint 75 T-Open 16:15
 (D) Initial Shut-In 47 Circ Sub 2X T-Pulled 18:15
 (E) Second Initial Flow 17 Hourly Standby _____ T-Out 20:11
 (F) Second Final Flow 18 Mileage 89 RT 89 Comments _____
 (G) Final Shut-In 31 Sampler _____
 (H) Final Hydrostatic 2015 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____

Initial Open 15
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 45

Sub Total 1564
 Total 1564
 MP/DST Disc't _____

Approved By Tom Williams 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. 58658

Well Name & No. Crouching 14-10 Test No. 3 Date 4/21
 Company KCB Oil & Gas Company Elevation 2590 KB 2573 GL
 Address 211 Highland cross suite 250 Houston TX 77078
 Co. Rep / Geo. Tom Williams Rig Duke #9
 Location: Sec. 10 Twp. 16S Rge. 27W Co. Lane State KS

Interval Tested 4468 4477 Zone Tested Miss
 Anchor Length 9' Drill Pipe Run 4292.5 Mud Wt. 9.4
 Top Packer Depth 4464 Drill Collars Run 176.5 Vis 57
 Bottom Packer Depth 4468 Wt. Pipe Run Ø WL 7.2
 Total Depth 4477 Chlorides 2900 ppm System LCM 1

Blow Description 15 weak surface blow to 14"
30 No Return
30 weak surface blow
45 No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>0cm</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 15 BHT 121 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>2255</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>13:10</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>13:10</u>
(C) First Final Flow <u>21</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>14:58</u>
(D) Initial Shut-In <u>1186</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>16:58</u>
(E) Second Initial Flow <u>24</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>18:41</u>
(F) Second Final Flow <u>27</u>	<input checked="" type="checkbox"/> Mileage <u>89 RT x 2</u>	Comments <u>Load tools</u>
(G) Final Shut-In <u>1120</u>	<input type="checkbox"/> Sampler <u>89+89</u>	<u>9:00 pm 4/22/15</u>
(H) Final Hydrostatic <u>2154</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies

Initial Open 15
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 45

Sub Total 0
 Total 1653
 MP/DST Disc't _____

Approved By Tom Williams 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.



K3 Oil & Gas Operating Company
211 Highland Cross, Suite 230
Houston, TX 77073
Office 832-234-0810
Fax 832-234-0825

17 December, 2014

Mary Ann Ming
254 Kansas Highway 23
Dighton, KS 67839-8800

RE: D&A of Ming 25-4 Well
T15S-R29W- Section 25
API No 15-063-22236-00-00

Dear Owner;


Per KCC requirements we are notifying you that the above named well was plugged on December 8, 2014. The Operator of the captioned well(s) is:

K3 Oil & Gas
211 Highland Cross
Suite 230
Houston, TX 77073
Contact: Douglas Pollak – (832) 234-0811

I am enclosing a copy of the Well Plugging Application (From CP-1) filed with the KCC.

If you have any questions, please feel free to contact me.

Sincerely,



Douglas A. Pollak
K3 Oil & Gas