



DRILL STEM TEST REPORT

Prepared For: **K3 Oil & Gas Operating Co**

211 Highland Cross Ste 205
Houston, TX 77073

ATTN: Tom Williams

Kearns #6-14

14 11s 31w Gove,KS

Start Date: 2015.08.31 @ 20:48:00

End Date: 2015.09.01 @ 03:11:15

Job Ticket #: 61824 DST #: 1

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

Printed: 2015.09.04 @ 13:29:14

K3 Oil & Gas Operating Co
14 11s 31w Gove,KS
Kearns #6-14
DST # 1
LKC J
2015.08.31



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

K3 Oil & Gas Operating Co

14 11s 31w Gove,KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61824

DST#: 1

ATTN: Tom Williams

Test Start: 2015.08.31 @ 20:48:00

GENERAL INFORMATION:

Formation: **LKC J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:11:00

Time Test Ended: 03:11:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 69

Interval: 4194.00 ft (KB) To 4240.00 ft (KB) (TVD)

Reference Elevations: 2977.00 ft (KB)

Total Depth: 4240.00 ft (KB) (TVD)

2969.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8365

Inside

Press@RunDepth: 21.00 psig @ 4195.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.31

End Date:

2015.09.01

Last Calib.:

2015.09.01

Start Time: 20:48:05

End Time:

03:11:14

Time On Btm:

2015.08.31 @ 23:10:30

Time Off Btm:

2015.09.01 @ 01:01:45

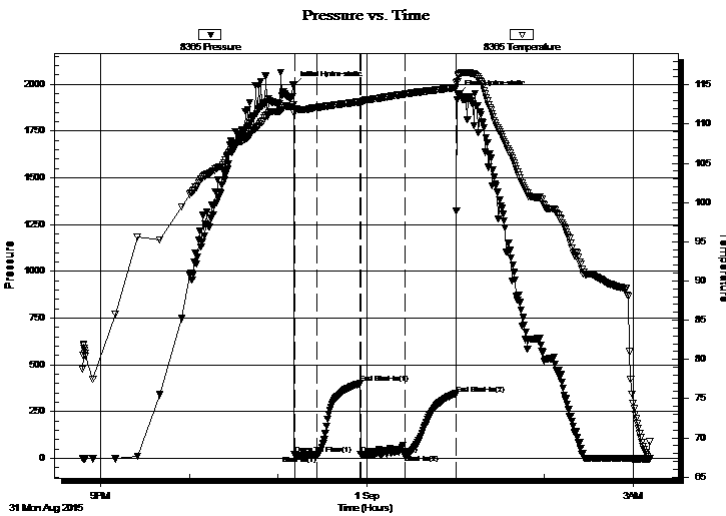
TEST COMMENT: IF: Surface blow

IS: No return.

FF: No blow.

FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1993.04	112.45	Initial Hydro-static
1	19.03	111.40	Open To Flow (1)
16	17.53	112.10	Shut-In(1)
45	399.23	112.84	End Shut-In(1)
46	19.39	112.76	Open To Flow (2)
76	21.00	113.82	Shut-In(2)
110	341.93	114.65	End Shut-In(2)
112	1944.05	116.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud 100m (oil specks)	0.21

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

K3 Oil & Gas Operating Co

14 11s 31w Gove,KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61824

DST#: 1

ATTN: Tom Williams

Test Start: 2015.08.31 @ 20:48:00

Tool Information

Drill Pipe:	Length: 4188.00 ft	Diameter: 3.80 inches	Volume: 58.75 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 58.75 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4194.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	73.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4168.00	
Shut In Tool	5.00			4173.00	
Hydraulic tool	5.00			4178.00	
Jars	5.00			4183.00	
Safety Joint	2.00			4185.00	
Packer	5.00			4190.00	27.00 Bottom Of Top Packer
Packer	4.00			4194.00	
Stubb	1.00			4195.00	
Recorder	0.00	8365	Inside	4195.00	
Recorder	0.00	8522	Outside	4195.00	
Perforations	9.00			4204.00	
Change Over Sub	1.00			4205.00	
Drill Pipe	31.00			4236.00	
Change Over Sub	1.00			4237.00	
Bullnose	3.00			4240.00	46.00 Bottom Packers & Anchor

Total Tool Length: 73.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

K3 Oil & Gas Operating Co

14 11s 31w Gove,KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61824

DST#: 1

ATTN: Tom Williams

Test Start: 2015.08.31 @ 20:48:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	mud 100m (oil specks)	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

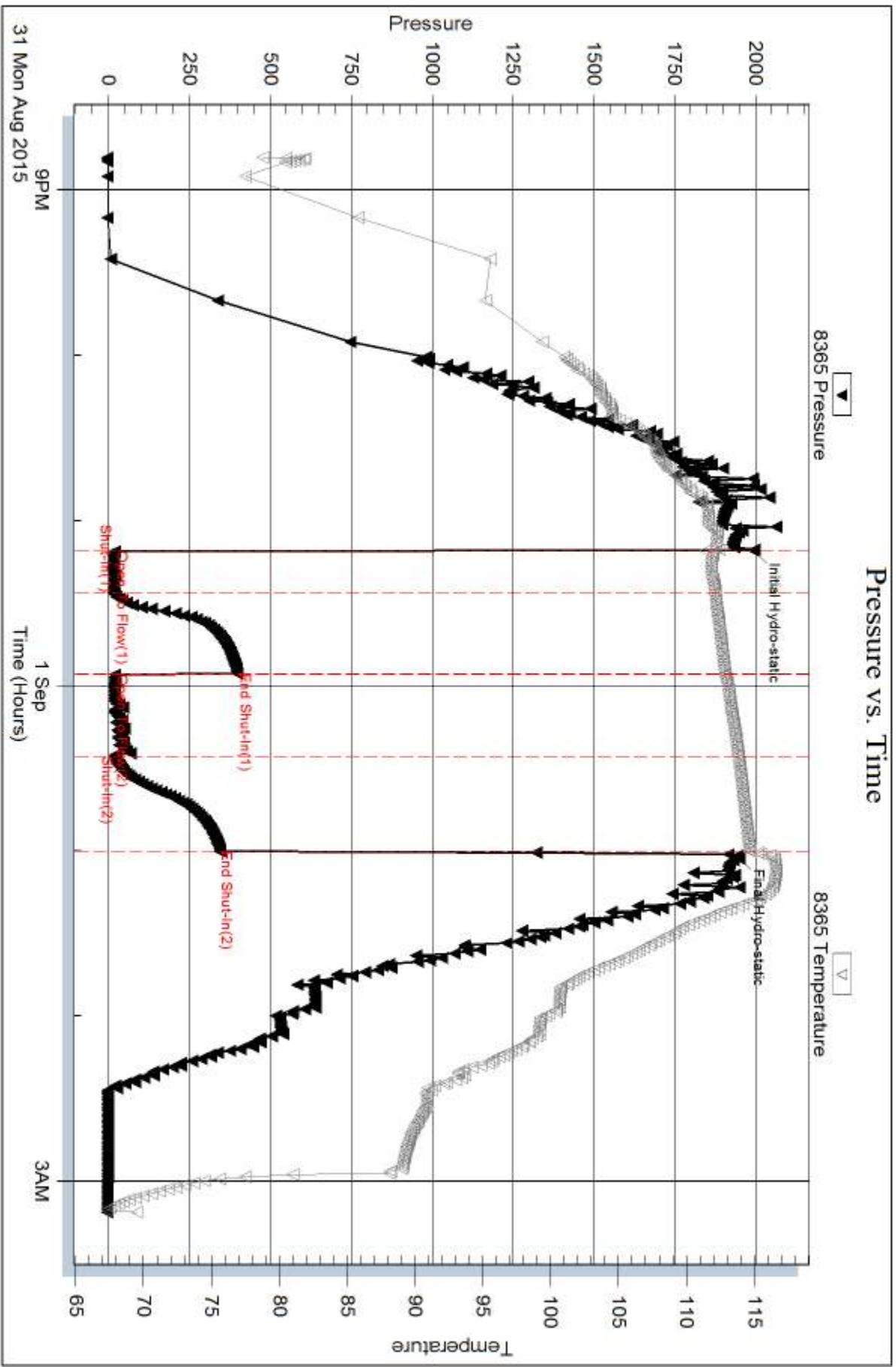
Serial #: 8365

Inside

K3 Oil & Gas Operating Co

Kearns #6-14

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 61824

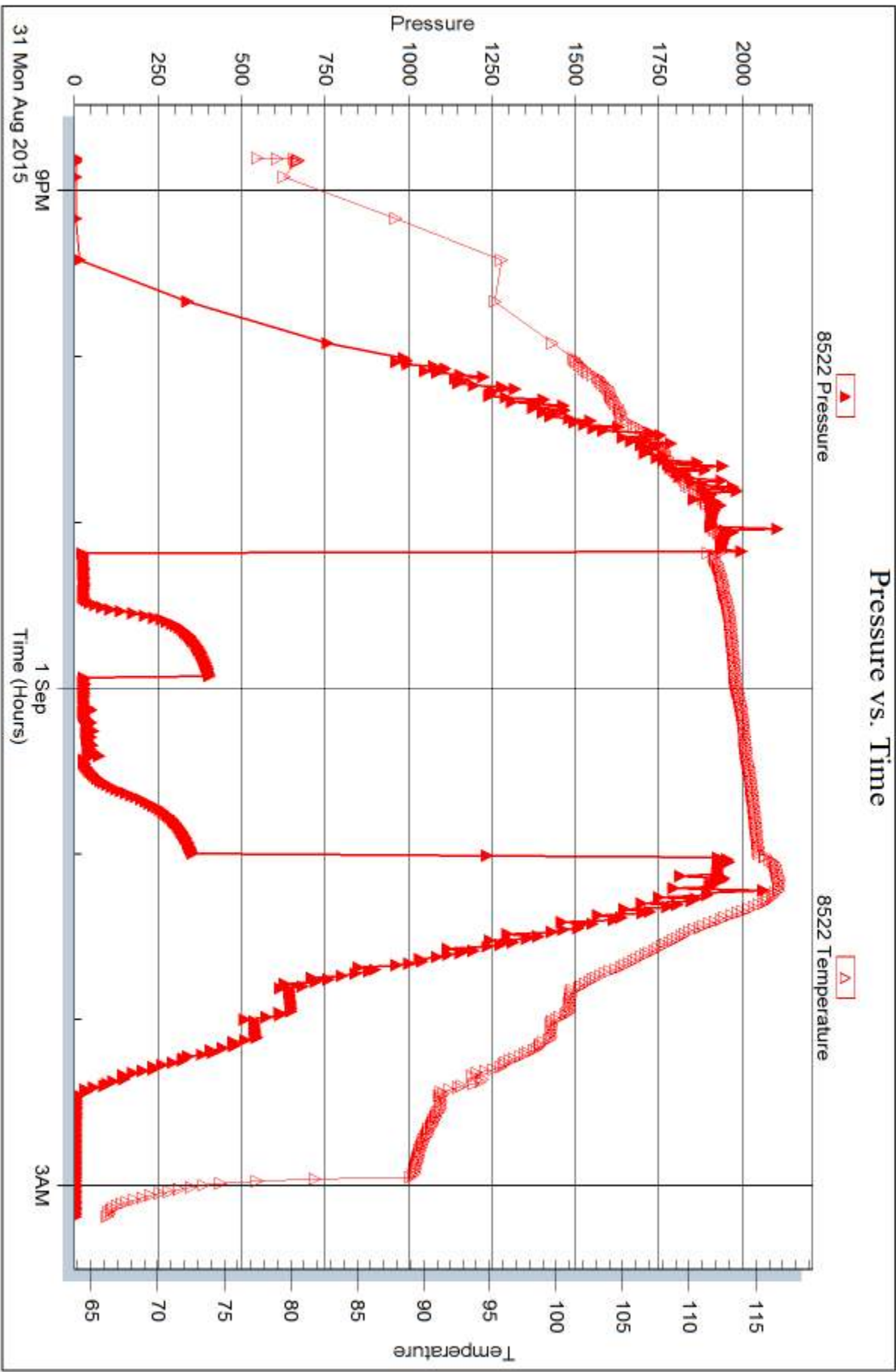
Printed: 2015.09.04 @ 13:29:16

Serial #: 8522

Outside K3 Oil & Gas Operating Co

Kearns #6-14

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 61824

Printed: 2015.09.04 @ 13:29:16



DRILL STEM TEST REPORT

Prepared For: **K3 Oil & Gas Operating Co**

211 Highland Cross Ste 205
Houston, TX 77073

ATTN: Tom Williams

Kearns #6-14

14 11s 31w Gove,KS

Start Date: 2015.09.01 @ 13:38:00

End Date: 2015.09.01 @ 20:09:45

Job Ticket #: 61825 DST #: 2

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

Printed: 2015.09.04 @ 13:28:44

K3 Oil & Gas Operating Co
14 11s 31w Gove,KS
Kearns #6-14
DST # 2
LKC- L
2015.09.01



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

K3 Oil & Gas Operating Co

14 11s 31w Gove,KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61825

DST#: 2

ATTN: Tom Williams

Test Start: 2015.09.01 @ 13:38:00

GENERAL INFORMATION:

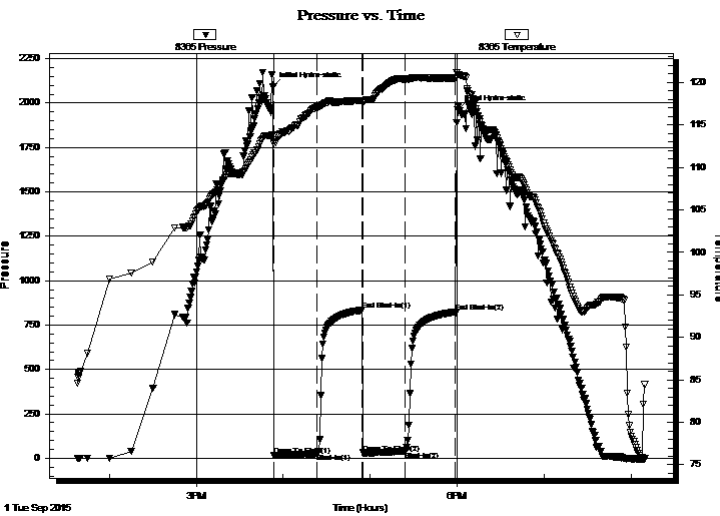
Formation: **LKC- L**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:53:15
 Time Test Ended: 20:09:45
 Interval: **4284.00 ft (KB) To 4210.00 ft (KB) (TVD)**
 Total Depth: 4284.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 69
 Reference Elevations: 2977.00 ft (KB)
 2969.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8365

Inside

Press@RunDepth: 39.43 psig @ 4285.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.09.01 End Date: 2015.09.01 Last Calib.: 2015.09.01
 Start Time: 13:38:05 End Time: 20:09:44 Time On Btm: 2015.09.01 @ 15:53:00
 Time Off Btm: 2015.09.01 @ 18:00:15

TEST COMMENT: IF: 2" blow.
 IS: No return.
 FF: 1" blow.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2092.25	113.82	Initial Hydro-static
1	16.84	112.76	Open To Flow (1)
30	26.44	117.03	Shut-In(1)
62	835.01	117.89	End Shut-In(1)
62	29.45	117.74	Open To Flow (2)
91	39.43	120.38	Shut-In(2)
126	823.66	120.53	End Shut-In(2)
128	1962.14	120.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	w cm 30w 70m (oil specks)	0.42

* 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 Operating Co

14 11s 31w Gove,KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61825

DST#: 2

ATTN: Tom Williams

Test Start: 2015.09.01 @ 13:38:00

Tool Information

Drill Pipe:	Length: 4280.00 ft	Diameter: 3.80 inches	Volume: 60.04 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: 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: 60.04 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4284.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	73.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4258.00	
Shut In Tool	5.00			4263.00	
Hydraulic tool	5.00			4268.00	
Jars	5.00			4273.00	
Safety Joint	2.00			4275.00	
Packer	5.00			4280.00	27.00 Bottom Of Top Packer
Packer	4.00			4284.00	
Stubb	1.00			4285.00	
Recorder	0.00	8365	Inside	4285.00	
Recorder	0.00	8522	Outside	4285.00	
Perforations	9.00			4294.00	
Change Over Sub	1.00			4295.00	
Drill Pipe	31.00			4326.00	
Change Over Sub	1.00			4327.00	
Bullnose	3.00			4330.00	46.00 Bottom Packers & Anchor

Total Tool Length: 73.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

K3 Oil & Gas Operating Co

14 11s 31w Gove,KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61825

DST#: 2

ATTN: Tom Williams

Test Start: 2015.09.01 @ 13:38:00

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:

24000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
30.00	w cm 30w 70m (oil specks)	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbf

Num Fluid Samples: 0

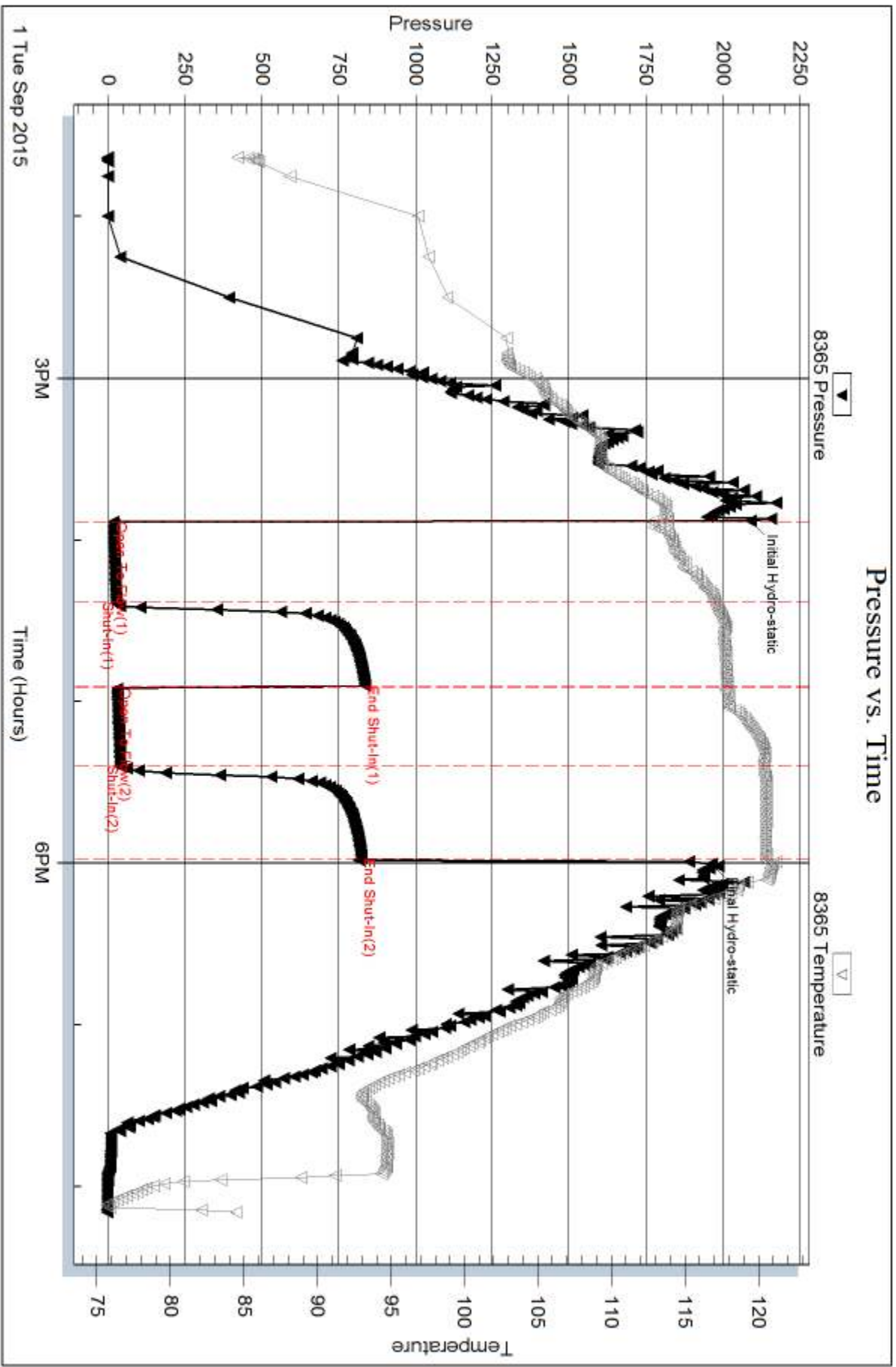
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .250 @ 80f = 24,000ppm

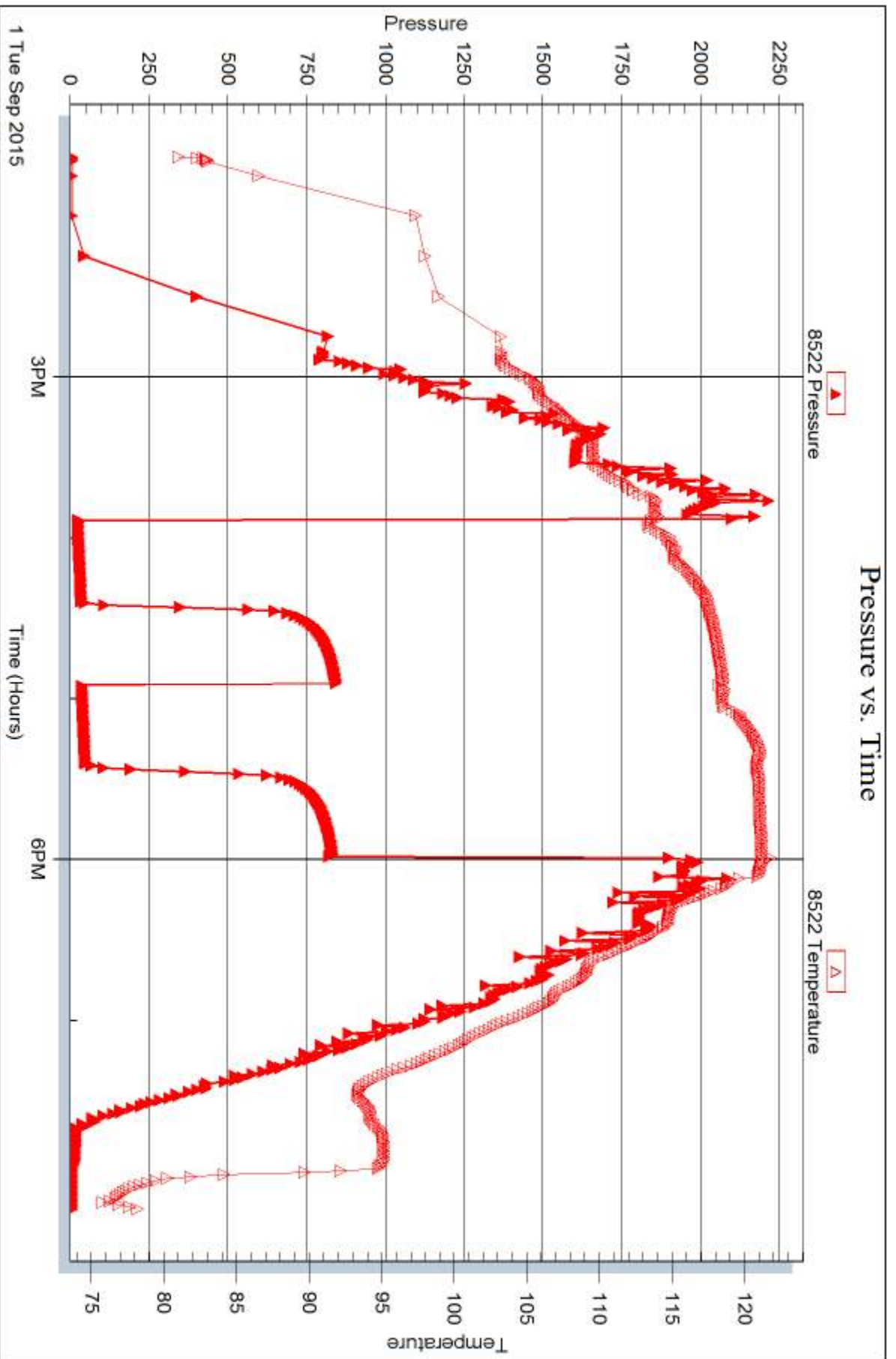


Serial #: 8522

Outside K3 Oil & Gas Operating Co

Kearns #6-14

DST Test Number: 2



Triobrite Testing, Inc

Ref. No: 61825

Printed: 2015.09.04 @ 13:28:46



DRILL STEM TEST REPORT

Prepared For: **K3 Oil & Gas Operating Co**

211 Highland Cross Ste 205
Houston, TX 77073

ATTN: Tom Williams

Kearns #6-14

14 11s 31w Gove,KS

Start Date: 2015.09.03 @ 02:02:00

End Date: 2015.09.03 @ 10:45:30

Job Ticket #: 61828 DST #: 3

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

Printed: 2015.09.04 @ 13:27:12



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

K3 Oil & Gas Operating Co

14 11s 31w Gove,KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61828

DST#: 3

ATTN: Tom Williams

Test Start: 2015.09.03 @ 02:02:00

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:35:00

Time Test Ended: 10:45:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 4534.00 ft (KB) To 4600.00 ft (KB) (TVD)

Reference Elevations: 2977.00 ft (KB)

Total Depth: 4600.00 ft (KB) (TVD)

2969.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8365

Inside

Press@RunDepth: 581.62 psig @ 4535.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.09.03

End Date:

2015.09.03

Last Calib.: 2015.09.03

Start Time: 02:02:05

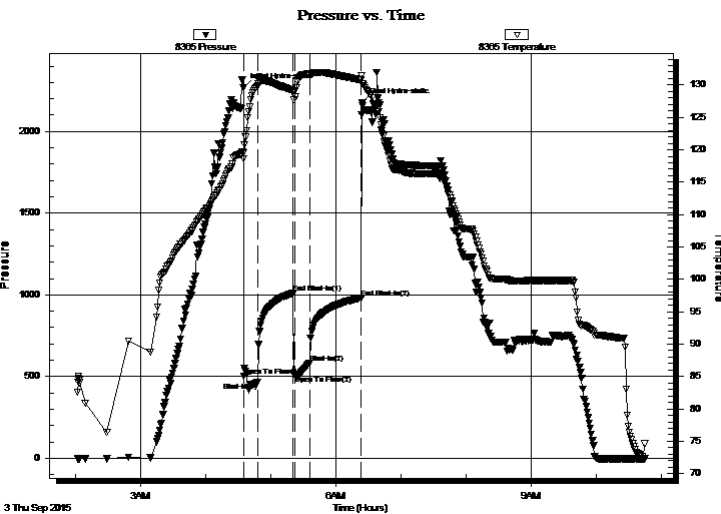
End Time:

10:45:30

Time On Btm: 2015.09.03 @ 04:34:45

Time Off Btm: 2015.09.03 @ 06:24:30

TEST COMMENT: IF: BOB @ 1 min.
IS: BOB @ 3 min.
FF: BOB @ open.
FS: BOB @ 5 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2267.37	119.55	Initial Hydro-static
1	503.30	118.58	Open To Flow (1)
14	467.38	129.90	Shut-In(1)
46	1011.01	129.11	End Shut-In(1)
47	511.94	127.73	Open To Flow (2)
61	581.62	131.65	Shut-In(2)
109	981.59	130.75	End Shut-In(2)
110	2173.72	130.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	gocm 20g 30o 50m	1.68
1480.00	go 30g 70o	20.76
0.00	2560' GIP	0.00

* 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 Operating Co

14 11s 31w Gove,KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61828

DST#: 3

ATTN: Tom Williams

Test Start: 2015.09.03 @ 02:02:00

Tool Information

Drill Pipe:	Length: 4535.00 ft	Diameter: 3.80 inches	Volume: 63.61 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 63.61 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4534.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.00 ft			
Tool Length:	93.00 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			4508.00	
Shut In Tool	5.00			4513.00	
Hydraulic tool	5.00			4518.00	
Jars	5.00			4523.00	
Safety Joint	2.00			4525.00	
Packer	5.00			4530.00	27.00 Bottom Of Top Packer
Packer	4.00			4534.00	
Stubb	1.00			4535.00	
Recorder	0.00	8365	Inside	4535.00	
Recorder	0.00	8522	Outside	4535.00	
Perforations	29.00			4564.00	
Change Over Sub	1.00			4565.00	
Drill Pipe	31.00			4596.00	
Change Over Sub	1.00			4597.00	
Bullnose	3.00			4600.00	66.00 Bottom Packers & Anchor

Total Tool Length: 93.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

K3 Oil & Gas Operating Co

14 11s 31w Gove,KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61828

DST#: 3

ATTN: Tom Williams

Test Start: 2015.09.03 @ 02:02:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	gocm 20g 30o 50m	1.683
1480.00	go 30g 70o	20.761
0.00	2560' GIP	0.000

Total Length: 1600.00 ft Total Volume: 22.444 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

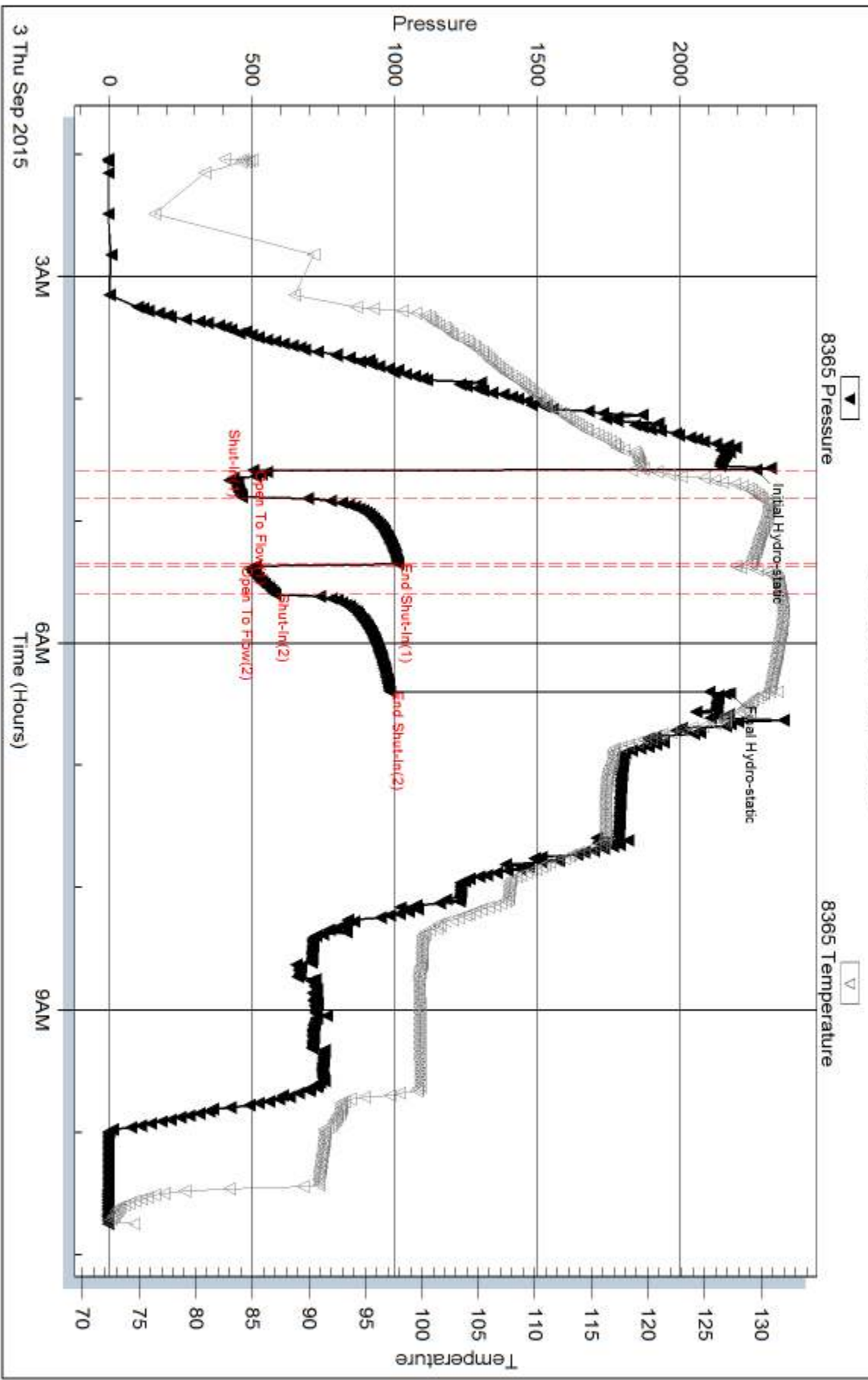
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

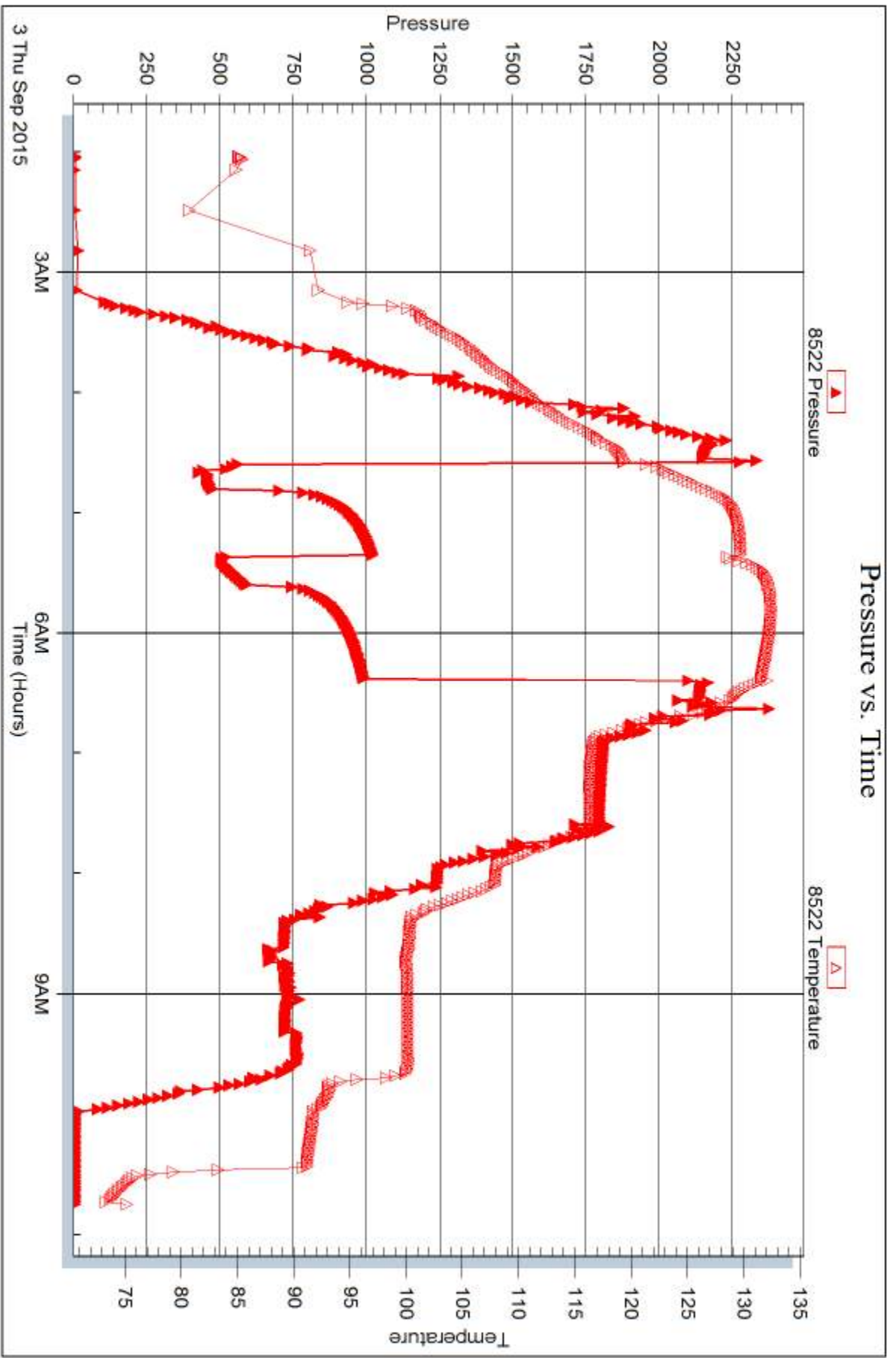


Serial #: 8522

Outside K3 Oil & Gas Operating Co

Kearns #6-14

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 61828

Printed: 2015.09.04 @ 13:27:14



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61824

Well Name & No. Kearns #6-13 Test No. 1 Date 9/01/2015
 Company K3 O.I & Gas Operating Co. Elevation 2977 KB 2969 GL
 Address 211 Highland Cross Ste 205 Houston, Tx 77073
 Co. Rep / Geo. Tom Williams Rig Duke #4
 Location: Sec. 14 Twp. 11s Rge. 31w Co. Gove State Ks

Interval Tested 4194 - 4240 Zone Tested Lkc - J
 Anchor Length 46' Drill Pipe Run 4188 Mud Wt. 9.2
 Top Packer Depth 4189 Drill Collars Run 0 Vis 52
 Bottom Packer Depth 4194 Wt. Pipe Run 0 WL 6.4
 Total Depth 4240 Chlorides 800 ppm System LCM 9# Pill on bottom

Blow Description IF: Surface blow.
ISI: No return.
FF: No blow
FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>MUD</u>			<u>100</u>	
	<u>OIL SPEK'S</u>				

Rec Total 15 BHT 115 Gravity — API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic <u>1993</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>2000</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>2048</u>
(C) First Final Flow <u>18</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>2311</u>
(D) Initial Shut-In <u>399</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>0056</u>
(E) Second Initial Flow <u>19</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0311</u>
(F) Second Final Flow <u>21</u>	<input checked="" type="checkbox"/> Mileage <u>104 RT</u>	Comments
(G) Final Shut-In <u>342</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1944</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>15</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</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>30</u>	<input type="checkbox"/> Day Standby	Total <u>1579</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1579</u>	

Approved By _____ 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. 61825

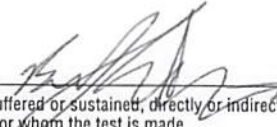
Well Name & No. Kearns # G-13 Test No. 2 Date 9/01/2015
 Company K3 Oil & Gas Co, Inc Elevation 2977 KB 2969 GL
 Address 211 Highland Cross Ste 205 Houston TX 77073
 Co. Rep / Geo. Tom Williams Rig Duke #4
 Location: Sec. 14 Twp. 11s Rge. 31w Co. Gove State Ks

Interval Tested 4284 - 4310 Zone Tested LTC L
 Anchor Length 20 Drill Pipe Run 4280 Mud Wt. 9.2
 Top Packer Depth 4279 Drill Collars Run 0 Vis 52
 Bottom Packer Depth 4284 Wt. Pipe Run 0 WL 7.2
 Total Depth 4310 Chlorides 600 ppm System LCM 6[#]
 Blow Description IF: 2" blow
BF: No return.
FF: 1" blow
FSI: No return.

Rec	Feet of	(OIL SPECKS)	%gas	%oil	%water	%mud
<u>30</u>	<u>WC n</u>				<u>30</u>	<u>70</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 30 BHT 121 Gravity — API RW .250 @ 80 °F Chlorides 24,000 ppm

(A) Initial Hydrostatic <u>2092</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>1300</u>
(B) First Initial Flow <u>17</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1336</u>
(C) First Final Flow <u>26</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1552</u>
(D) Initial Shut-In <u>835</u>	<input checked="" type="checkbox"/> Circ Sub <u>4K</u>	T-Pulled <u>1752</u>
(E) Second Initial Flow <u>29</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>2010</u>
(F) Second Final Flow <u>39</u>	<input checked="" type="checkbox"/> Mileage <u>104 RT</u>	Comments
(G) Final Shut-In <u>824</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1962</u>	<input type="checkbox"/> Straddle	
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1579</u>
	Sub Total <u>1579</u>	MP/DST Disc't

Approved By _____ Our Representative 

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61828

Well Name & No. Kearns # C-13 Test No. 3 Date 9/03/2015
 Company K3 Oil & Gas Co, Inc Elevation 2977 KB 2969 GL
 Address 211 Highland Cross Ste 205 Houston Tx 77073
 Co. Rep / Geo. Tom Williams Rig Duke #4
 Location: Sec. 14 Twp. 11s Rge. 31w Co. Cove State Ks

Interval Tested 4534 4600 Zone Tested Cherokee Sand
 Anchor Length 66 Drill Pipe Run 4535 Mud Wt. 9.0
 Top Packer Depth 4529 Drill Collars Run 0 Vis 63
 Bottom Packer Depth 4534 Wt. Pipe Run 0 WL 7.2
 Total Depth 4600 Chlorides 1100 ppm System LCM 7#
 Blow Description IF: BOB@ 1min
ISI: BOB@ 3min
FF: BOB@ open
FSI: BOB@ 5min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>1460</u>	<u>60</u>	<u>50</u>	<u>70</u>		
<u>120</u>	<u>60CM</u>	<u>20</u>	<u>30</u>		<u>50</u>
	<u>2560' GIP</u>				

Rec Total 1600 BHT 131 Gravity 38 API RW - @ - °F Chlorides - ppm
 Test 1150 T-On Location 0130
 Jars 250 T-Started 0202
 Safety Joint 75 T-Open 0434
 Circ Sub used 50 T-Pulled 0619
 Hourly Standby _____ T-Out 1046
 Mileage 104 x 2 +104 Comments PV tool 1400 9/04
 Sampler _____
 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1733 MP/DST Disc't _____

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

Approved By _____ Our Representative [Signature] Thanks!

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