



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1234748
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: _____



1234748

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: 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

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	StrataKan Exploration, LLC
Well Name	Fanshier 15-1
Doc ID	1234748

All Electric Logs Run

BHCS
DIL
DUCP
MEL

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 252

Date	Sec.	Twp.	Range	County	State	On Location	Finish
6-25-14	15	22	13	Stafford	KS		8:45 AM

Location 281 & K-19, 1/2 S, E n 2

Lease Fanshier	Well No. 15-1	Owner
Contractor Maverick #102		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Type Job Surface	Charge To Stratakan Exp.
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Hole Size 12 1/4	T.D. 642
Csg. 8 5/8	Depth 642

Tbg. Size	Depth	City	State
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Tool The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 42.20	Shoe Joint 42.20	Cement Amount Ordered 450 sx 70/30, 300cc, 2% gel
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Meas Line	Displace 38 bbl	1/2# Flo
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EQUIPMENT

Pumptrk 17 No.	Cementer Helper Lannie W.	Common 3/5
Bulktrk 21 No.	Driver Doug Tilor	Poz. Mix 1/35
Bulktrk P4 No.	Driver Travis	Gel. 9
		Calcium 17

JOB SERVICES & REMARKS

Remarks: Cement did circulate	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal 225#
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38

Sand Handling **476**

Mileage

FLOAT EQUIPMENT

Guide Shoe
Centralizer
Baskets 1
AFU Inserts
Float Shoe
Latch Down

1 Baffle plate

1 Rubber plug

Pumptrk Charge **Long Surface**

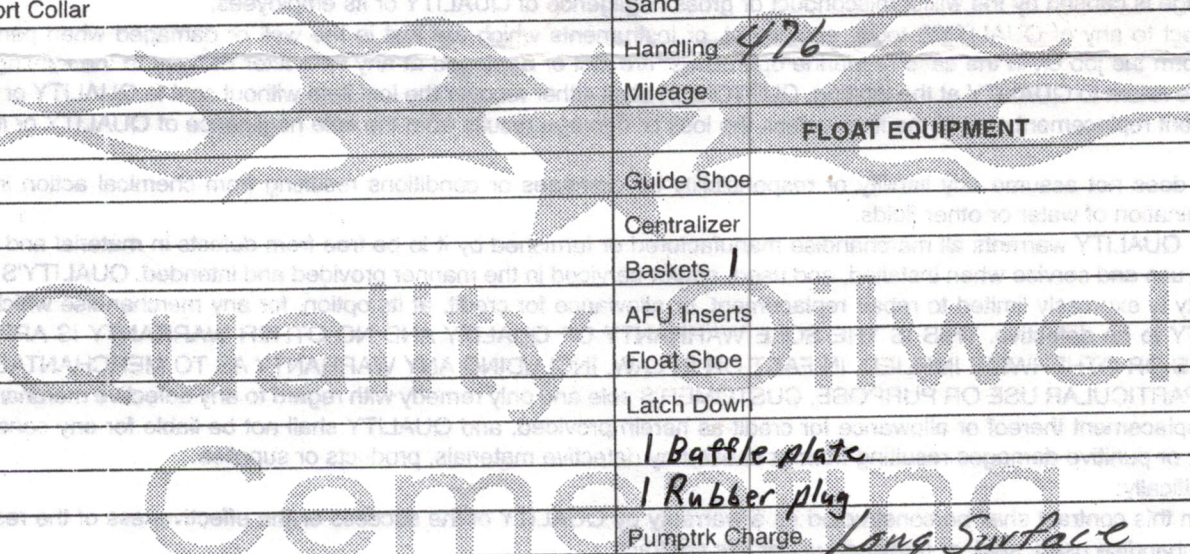
Mileage 17	
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Tax

Discount

Total Charge

X Signature



QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 080

Date	Sec.	Twp.	Range	County	State	On Location	Finish
7-3-14	15	22	13	Stafford	Ks		7:30AM

Location Great Bend, Ks - S to 2810 K-19 Jct, 1 1/2

Lease Fanshier Well No. 15-1 Owner E Into

Contractor Maverick #102 To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish
Type Job Longstring cementer and helper to assist owner or contractor to do work as listed.

Hole Size 7 1/8" T.D. 3880' Charge To Strata-Kan Exploration

Csg. New 5 1/2" 15, 50 # Depth 3870.92' Street

Tbg. Size Depth City State

Tool Depth The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 24.08' Shoe Joint 24.08' Cement Amount Ordered 180 sx Common 10% Salt 5%

Meas Line Displace 9 1/2 BLS Gilsonite 1/4# Flo-seal - 500 gal. Mud Clear 48

EQUIPMENT

Pumptrk <u>16</u> No. <u>Cementer Billy</u>	Common <u>180</u>
Bulktrk <u>9</u> No. <u>Driver Ryan</u>	Poz. Mix
Bulktrk <u>p.u.</u> No. <u>Driver Rick</u>	Gel.
	Calcium

JOB SERVICES & REMARKS

Remarks: Salt 16

Rat Hole Flowseal 45#

Mouse Hole Kol-Seal 900

Centralizers 1, 3, 5, 7, 9, 11, 13, 15 Mud CLR 48 500 gal

Baskets #14 pipe on bottom, break CFL-117 or CD110 CAF 38

D/V or Port Collar Circulation, pump 500 gal mud Clear 48 plug Rathole w/ 30 sx Cement Hook to 5 1/2" Sand Handling 205

Casing + mix 150 sx Cement Mileage

Shut down wash pump + lines Guide Shoe

Released plug + Displaced w/ 9 1/2 BLS of water. Released + held Centralizer 8

Lift pressure 700 # Baskets 1

Land plug to 1500 # AFU Inserts

Float Shoe 1

Latch Down 1

Pumptrk Charge prod string

Mileage 17

Signature [Signature] Tax

Discount Total Charge

FLOAT EQUIPMENT

[Handwritten signature/initials]



DRILL STEM TEST REPORT

Prepared For: **StrataKan Exploration, LLC.**

204 W. Mill St.
Plainville, KS 67663

ATTN: Chris Bean

Fanshier #15-1

15-22s-13w Stafford,KS

Start Date: 2014.06.29 @ 06:18:31

End Date: 2014.06.29 @ 18:16:46

Job Ticket #: 54186 DST #: 1

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

Printed: 2014.07.08 @ 09:30:56



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

StrataKan Exploration, LLC.

15-22s-13w Stafford,KS

204 W. Mill St.
Plainville, KS 67663

Fanshier #15-1

Job Ticket: 54186

DST#: 1

ATTN: Chris Bean

Test Start: 2014.06.29 @ 06:18:31

GENERAL INFORMATION:

Formation: **LKC "A-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:18:31

Time Test Ended: 18:16:46

Test Type: Conventional Bottom Hole (Initial)

Tester: Matt Smith

Unit No: 53

Interval: 3396.00 ft (KB) To 3474.00 ft (KB) (TVD)

Reference Elevations: 1898.00 ft (KB)

Total Depth: 3474.00 ft (KB) (TVD)

1891.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6773 Outside

Press@RunDepth: 129.82 psig @ 3397.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.29

End Date:

2014.06.29

Last Calib.:

2014.06.29

Start Time: 06:18:36

End Time:

18:16:46

Time On Btm:

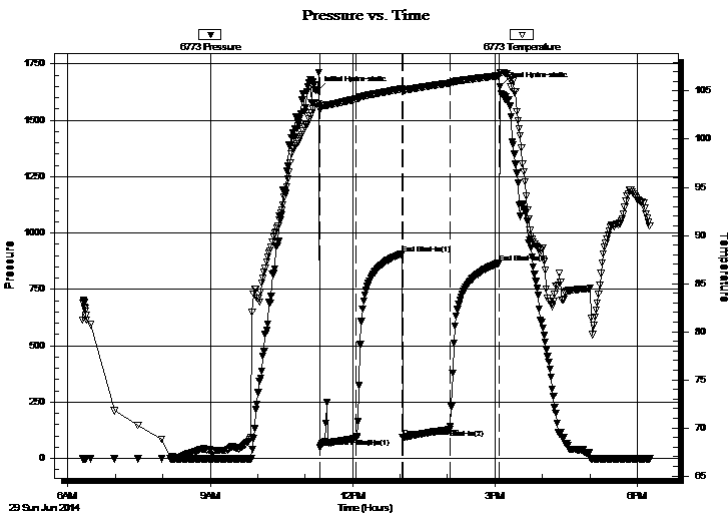
2014.06.29 @ 11:15:31

Time Off Btm:

2014.06.29 @ 15:06:31

TEST COMMENT: IF: Strong blow . Surf., to 11 1/2".
IS: No blow .
FF: Strong blow . B.O.B. 41 mins.
FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1632.15	103.67	Initial Hydro-static
3	49.88	103.01	Open To Flow (1)
50	89.33	104.17	Shut-In(1)
107	907.82	105.22	End Shut-In(1)
108	92.98	105.08	Open To Flow (2)
168	129.82	105.82	Shut-In(2)
230	866.50	106.59	End Shut-In(2)
231	1649.21	106.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	GWCM 10%g 30%m 60%w W/trc oil	0.16
31.00	GWCM 10%g 30%m 60%w W/trc oil	0.43
93.00	GOWCM 5%o 10%g 35%w 50%m	1.30
31.00	GOWCM 1%g 17%w 37%m 45%o	0.43

Gas Rates

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



DRILL STEM TEST REPORT

StrataKan Exploration, LLC.

15-22s-13w Stafford,KS

204 W. Mill St.
Plainville, KS 67663

Fanshier #15-1

ATTN: Chris Bean

Job Ticket: 54186

DST#: 1

Test Start: 2014.06.29 @ 06:18:31

GENERAL INFORMATION:

Formation: **LKC "A-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:18:31

Time Test Ended: 18:16:46

Test Type: Conventional Bottom Hole (Initial)

Tester: Matt Smith

Unit No: 53

Interval: 3396.00 ft (KB) To 3474.00 ft (KB) (TVD)

Reference Elevations: 1898.00 ft (KB)

Total Depth: 3474.00 ft (KB) (TVD)

1891.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6719 Outside

Press@RunDepth: psig @ 3397.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.29 End Date: 2014.06.29

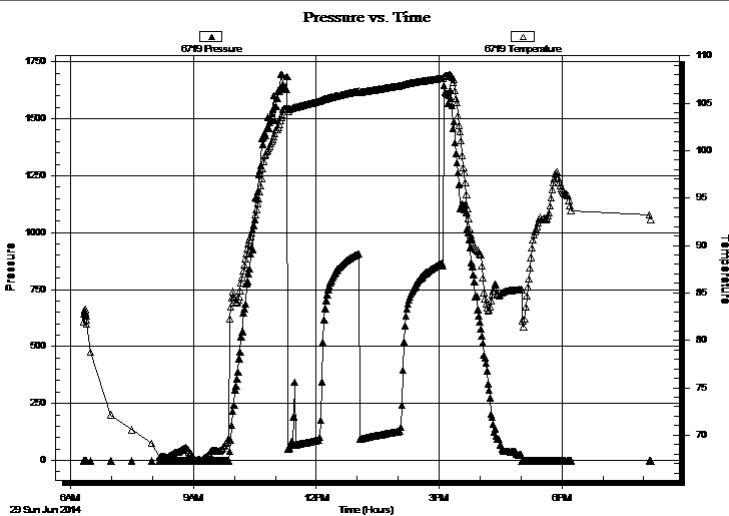
Last Calib.: 2014.06.29

Start Time: 06:19:04 End Time: 20:11:14

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong blow . Surf., to 11 1/2".
IS: No blow .
FF: Strong blow . B.O.B. 41 mins.
FS: No blow .



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
31.00	GWCM 10%g 30%m 60%w W/trc oil	0.16
31.00	GWCM 10%g 30%m 60%w W/trc oil	0.43
93.00	GOWCM 5%o 10%g 35%w 50%m	1.30
31.00	GOWCM 1%g 17%w 37%m 45%o	0.43

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

StrataKan Exploration, LLC.

15-22s-13w Stafford,KS

204 W. Mill St.
Plainville, KS 67663

Fanshier #15-1

Job Ticket: 54186

DST#: 1

ATTN: Chris Bean

Test Start: 2014.06.29 @ 06:18:31

Tool Information

Drill Pipe:	Length: 3369.00 ft	Diameter: 3.80 inches	Volume: 47.26 bbl	Tool Weight:	2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	21000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	45000.00 lb
			<u>Total Volume: 47.41 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	41000.00 lb
Depth to Top Packer:	3396.00 ft			Final	43000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	78.00 ft				
Tool Length:	106.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: Shale packer is replacing the bottom packer in tool.

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3369.00	
Shut In Tool	5.00			3374.00	
Hydraulic tool	5.00			3379.00	
Jars	5.00			3384.00	
Safety Joint	3.00			3387.00	
Packer	4.00			3391.00	28.00 Bottom Of Top Packer
Packer	5.00			3396.00	
Stubb	1.00			3397.00	
Recorder	0.00	6719	Outside	3397.00	
Recorder	0.00	6773	Outside	3397.00	
Perforations	1.00			3398.00	
Change Over Sub	1.00			3399.00	
Blank Spacing	61.00			3460.00	
Change Over Sub	1.00			3461.00	
Perforations	10.00			3471.00	
Bullnose	3.00			3474.00	78.00 Bottom Packers & Anchor
Total Tool Length:	106.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

StrataKan Exploration, LLC.

15-22s-13w Stafford,KS

204 W. Mill St.
Plainville, KS 67663

Fanshier #15-1

Job Ticket: 54186

DST#: 1

ATTN: Chris Bean

Test Start: 2014.06.29 @ 06:18:31

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	GWCM 10%g 30%m 60%w W/trc oil	0.162
31.00	GWCM 10%g 30%m 60%w W/trc oil	0.435
93.00	GOWCM 5%o 10%g 35%w 50%m	1.305
31.00	GOWCM 1%g 17%w 37%m 45%o	0.435

Total Length: 186.00 ft Total Volume: 2.337 bbl

Num Fluid Samples: 0

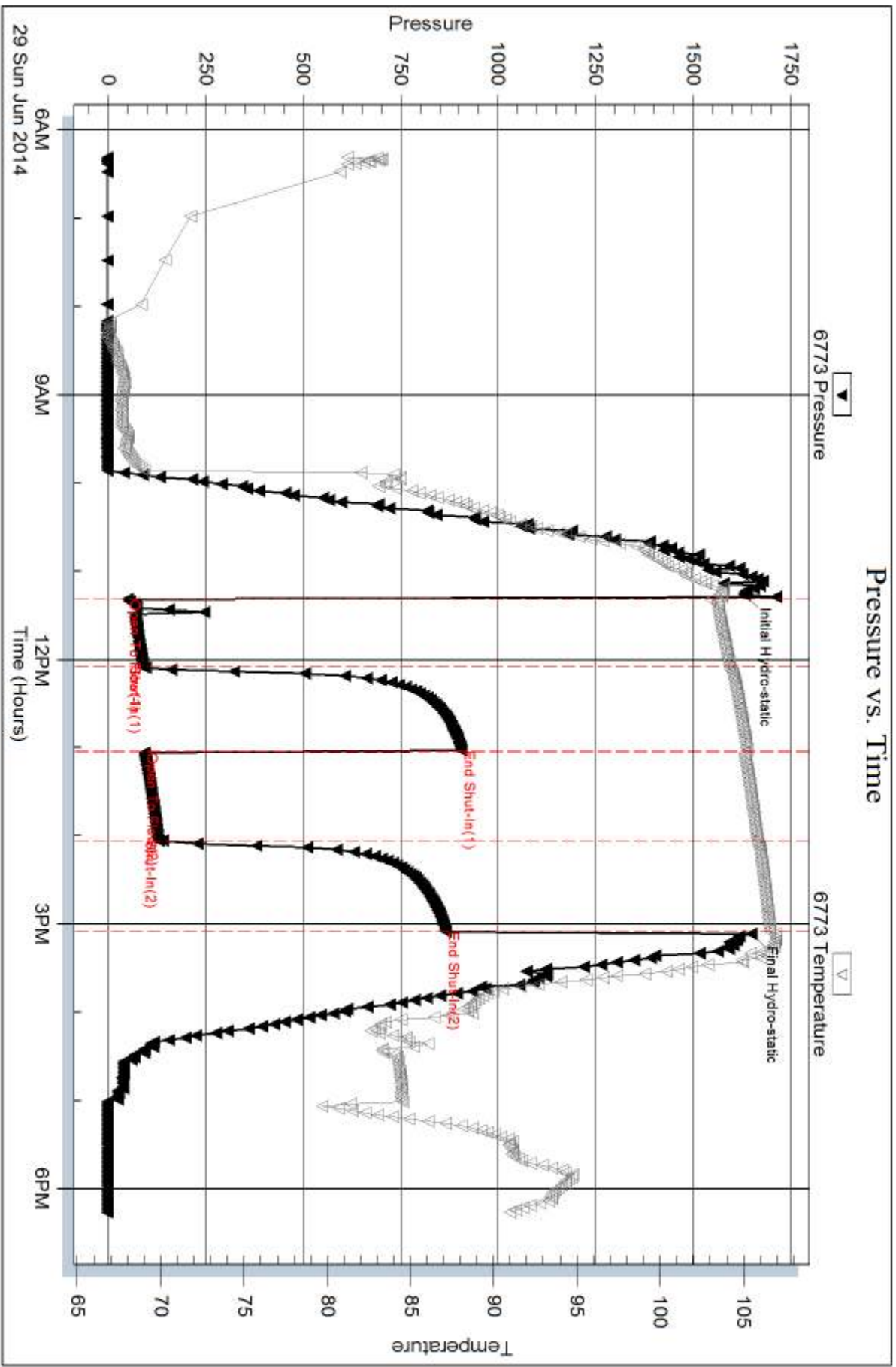
Num Gas Bombs: 0

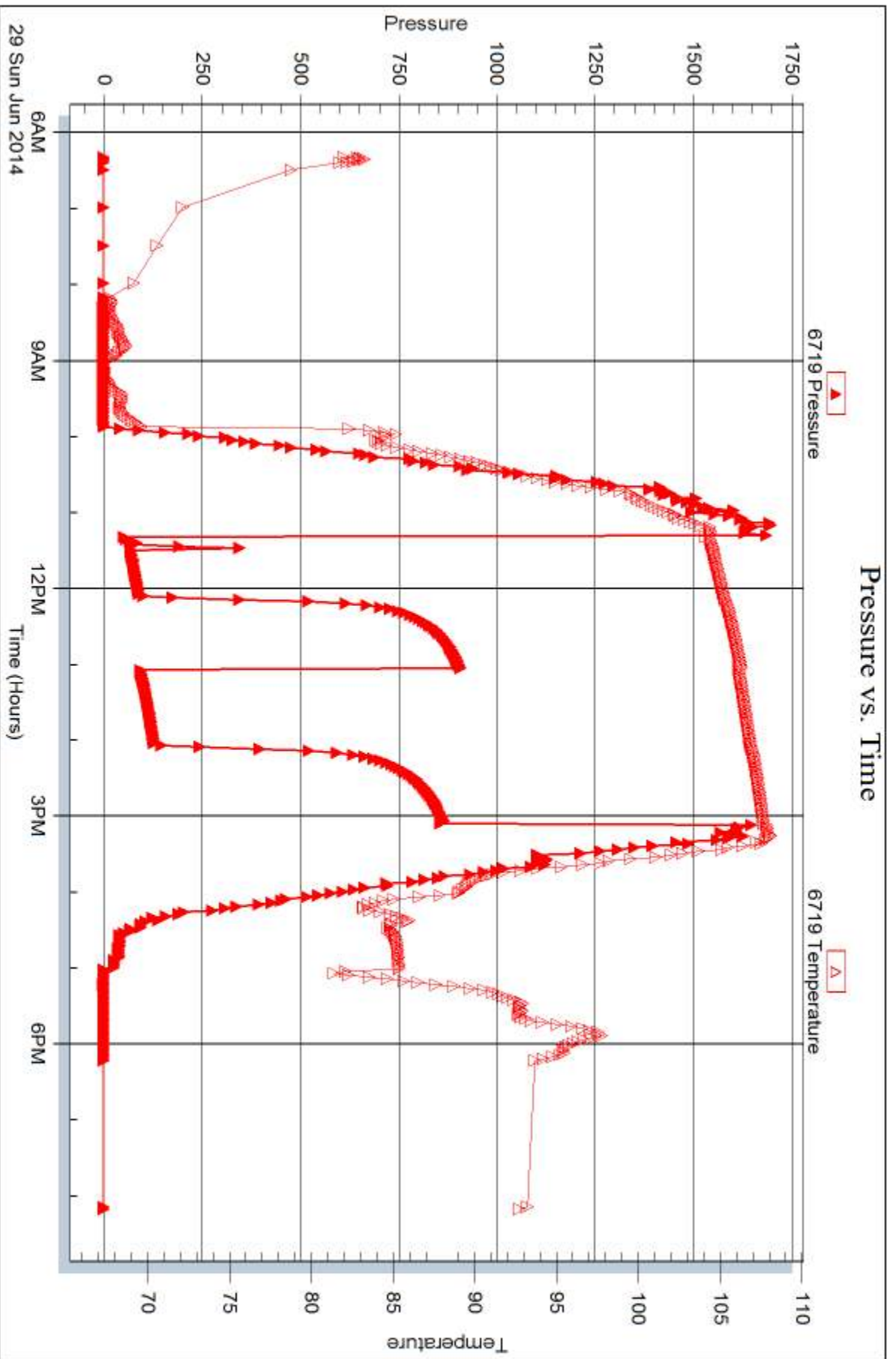
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .18 @ 92 degrees = 30,000







DRILL STEM TEST REPORT

Prepared For: **StrataKan Exploration, LLC.**

204 W. Mill St.
Plainville, KS 67663

ATTN: Chris Bean

Fanshier #15-1

15-22s-13w Stafford,KS

Start Date: 2014.06.30 @ 02:37:02

End Date: 2014.06.30 @ 10:42:02

Job Ticket #: 54187 DST #: 2

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

Printed: 2014.07.08 @ 09:30:32



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

StrataKan Exploration, LLC.

15-22s-13w Stafford,KS

204 W. Mill St.
Plainville, KS 67663

Fanshier #15-1

Job Ticket: 54187

DST#: 2

ATTN: Chris Bean

Test Start: 2014.06.30 @ 02:37:02

GENERAL INFORMATION:

Formation: **LKC "H"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:11:17
 Time Test Ended: 10:42:02
 Interval: **3522.00 ft (KB) To 3536.00 ft (KB) (TVD)**
 Total Depth: 3536.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Matt Smith
 Unit No: 53
 Reference Elevations: 1898.00 ft (KB)
 1891.00 ft (CF)
 KB to GR/CF: 7.00 ft

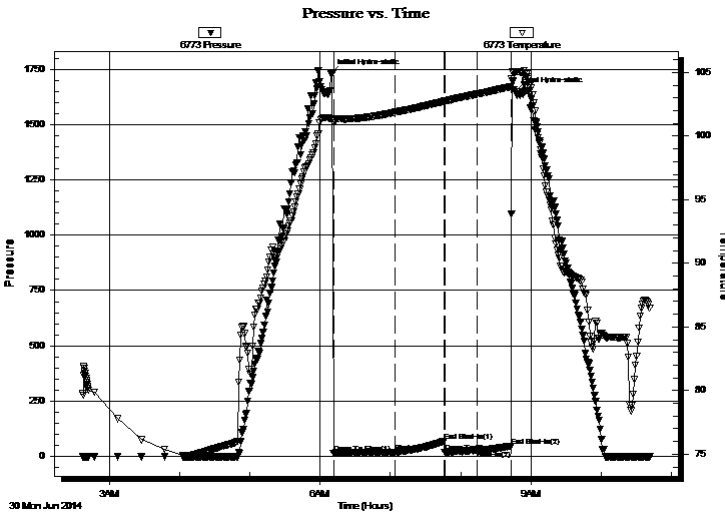
Serial #: 6773

Outside

Press@RunDepth: 29.41 psig @ 3523.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.30 End Date: 2014.06.30 Last Calib.: 2014.06.30
 Start Time: 02:37:07 End Time: 10:42:01 Time On Btm: 2014.06.30 @ 06:09:17
 Time Off Btm: 2014.06.30 @ 08:46:17

TEST COMMENT: IF: Weak blow . Surf., - 1/4".
 IS: No blow .
 FF: No blow .
 FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1729.12	101.38	Initial Hydro-static
2	15.16	101.05	Open To Flow (1)
55	18.59	101.88	Shut-In(1)
97	69.54	102.74	End Shut-In(1)
97	19.64	102.77	Open To Flow (2)
125	29.41	103.31	Shut-In(2)
154	47.01	103.88	End Shut-In(2)
157	1648.55	105.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Drig. Mud 100%m	0.01

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

StrataKan Exploration, LLC.

15-22s-13w Stafford,KS

204 W. Mill St.
Plainville, KS 67663

Fanshier #15-1

Job Ticket: 54187

DST#: 2

ATTN: Chris Bean

Test Start: 2014.06.30 @ 02:37:02

GENERAL INFORMATION:

Formation: **LKC "H"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:11:17
 Time Test Ended: 10:42:02
 Interval: **3522.00 ft (KB) To 3536.00 ft (KB) (TVD)**
 Total Depth: 3536.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Matt Smith
 Unit No: 53
 Reference Elevations: 1898.00 ft (KB)
 1891.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6719

Outside

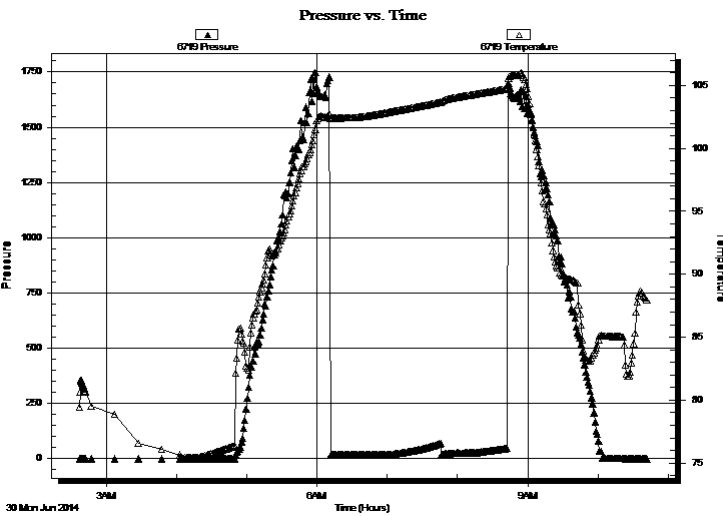
Press@RunDepth: psig @ 3523.00 ft (KB)
 Start Date: 2014.06.30 End Date: 2014.06.30
 Start Time: 02:37:24 End Time: 10:42:03
 Capacity: 8000.00 psig
 Last Calib.: 2014.06.30
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Weak blow . Surf., - 1/4".

IS: No blow .

FF: No blow .

FS: No blow .



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Drig. Mud 100%m	0.01

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

StrataKan Exploration, LLC.

15-22s-13w Stafford,KS

204 W. Mill St.
Plainville, KS 67663

Fanshier #15-1

Job Ticket: 54187

DST#: 2

ATTN: Chris Bean

Test Start: 2014.06.30 @ 02:37:02

Tool Information

Drill Pipe:	Length: 3493.00 ft	Diameter: 3.80 inches	Volume: 49.00 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 26000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 49.15 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3522.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Shale Packer is in place of bottom packer in tool.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3495.00	
Shut In Tool	5.00			3500.00	
Hydraulic tool	5.00			3505.00	
Jars	5.00			3510.00	
Safety Joint	3.00			3513.00	
Packer	4.00			3517.00	28.00 Bottom Of Top Packer
Packer	5.00			3522.00	
Stubb	1.00			3523.00	
Recorder	0.00	6719	Outside	3523.00	
Recorder	0.00	6773	Outside	3523.00	
Perforations	10.00			3533.00	
Bullnose	3.00			3536.00	14.00 Bottom Packers & Anchor

Total Tool Length: 42.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

StrataKan Exploration, LLC.

15-22s-13w Stafford,KS

204 W. Mill St.
Plainville, KS 67663

Fanshier #15-1

Job Ticket: 54187

DST#: 2

ATTN: Chris Bean

Test Start: 2014.06.30 @ 02:37:02

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:

6000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Drig. Mud 100%m	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

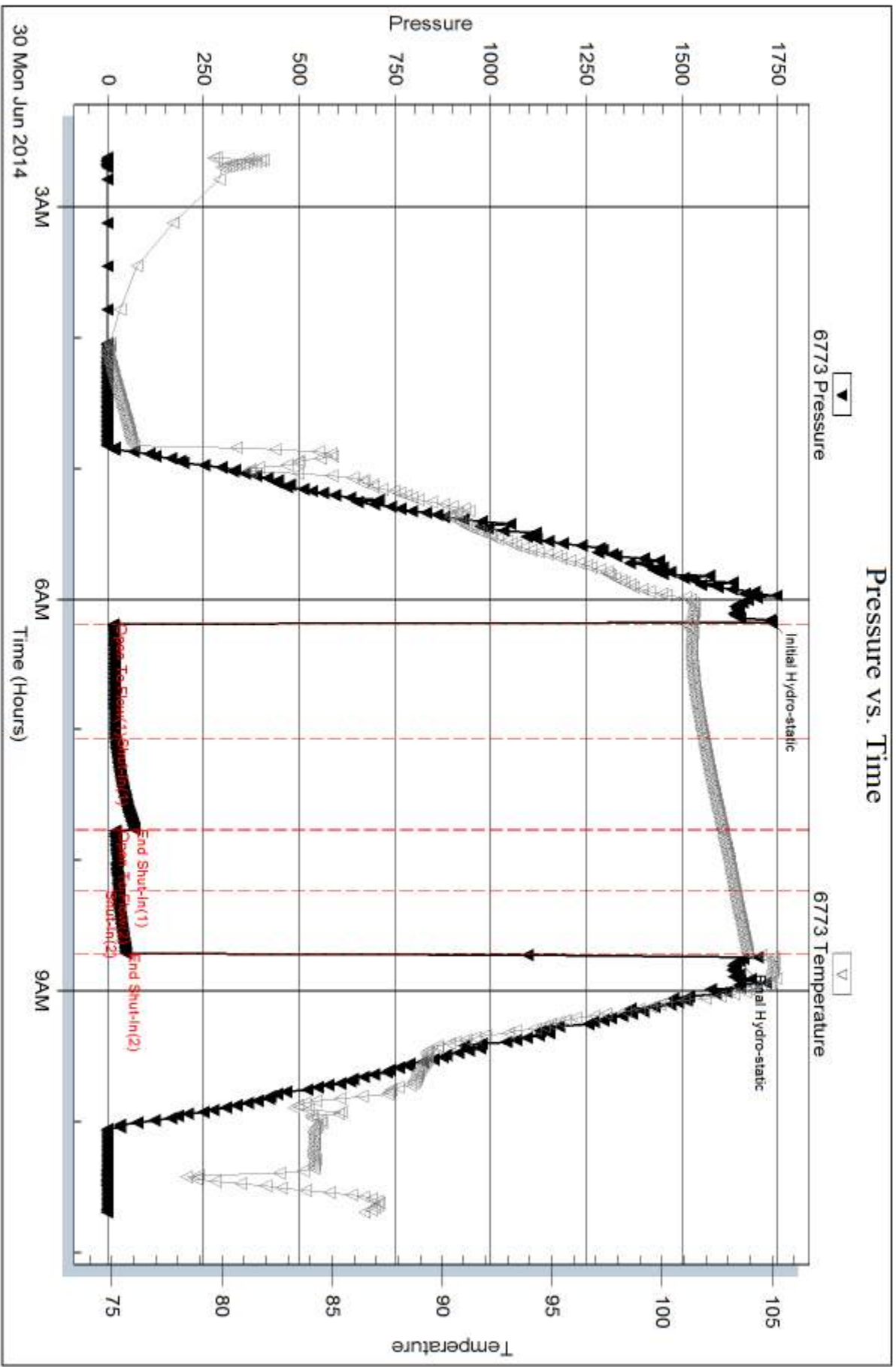
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

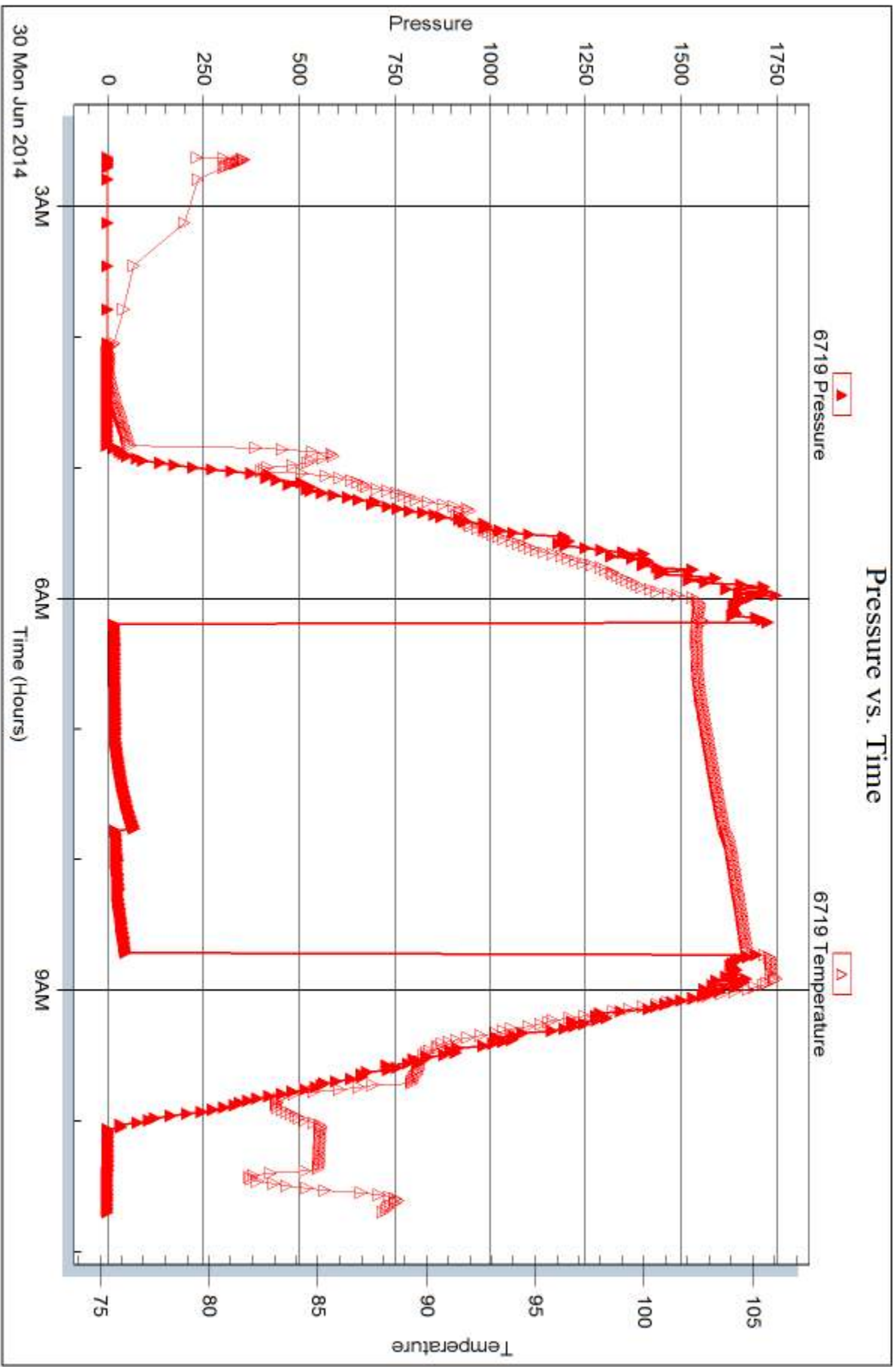


Serial #: 6719

Outside StrataKan Exploration, LLC.

Fanshier #15-1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 54187

Printed: 2014.07.08 @ 09:30:33



DRILL STEM TEST REPORT

Prepared For: **StrataKan Exploration, LLC.**

204 W. Mill St.
Plainville, KS 67663

ATTN: Chris Bean

Fanshier #15-1

15-22s-13w Stafford,KS

Start Date: 2014.06.30 @ 20:18:46

End Date: 2014.07.01 @ 07:07:46

Job Ticket #: 54189 DST #: 3

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

Printed: 2014.07.08 @ 09:27:43



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

StrataKan Exploration, LLC.

15-22s-13w Stafford,KS

204 W. Mill St.
Plainville, KS 67663

Fanshier #15-1

Job Ticket: 54189

DST#: 3

ATTN: Chris Bean

Test Start: 2014.06.30 @ 20:18:46

GENERAL INFORMATION:

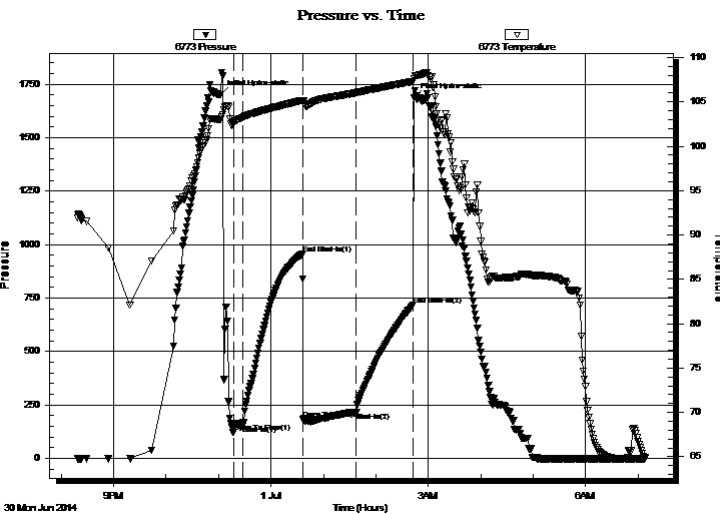
Formation: **LKC "I - K"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:17:01
 Time Test Ended: 07:07:46
 Interval: **3535.00 ft (KB) To 3615.00 ft (KB) (TVD)**
 Total Depth: 3474.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Matt Smith
 Unit No: 53
 Reference Elevations: 1898.00 ft (KB)
 1891.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6773

Inside

Press@RunDepth: 216.85 psig @ 3536.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.30 End Date: 2014.07.01 Last Calib.: 2014.07.01
 Start Time: 20:18:51 End Time: 07:07:46 Time On Btm: 2014.06.30 @ 23:02:31
 Time Off Btm: 2014.07.01 @ 02:43:46

TEST COMMENT: IF: Strong blow . B.O.B. in 13 mins.
 IS: No check hose nipple on floor manifold broke working on it.
 FF: Strong blow . B.O.B. in 30 secs. G.T.S. in 1 min. Gauged gas see report.
 FS: Weak blow . Surf., - 1 1/2".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1702.26	103.02	Initial Hydro-static
15	122.20	102.57	Open To Flow (1)
25	153.49	103.26	Shut-In(1)
94	955.68	105.19	End Shut-In(1)
95	181.83	105.04	Open To Flow (2)
155	216.85	106.04	Shut-In(2)
221	719.64	107.31	End Shut-In(2)
222	1688.29	107.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GOWCM 4% m 6% w 35% g 55% o	0.15
31.00	GOWCM 4% m 6% w 35% g 55% o	0.43
61.00	GOWCM 4% m 8% w 38% g 50% o	0.86
183.00	GOWCM 2% m 8% w 45% g 45% o	2.57
61.00	GOWCM 10% m 10% w 15% g 65% o	0.86
122.00	GOWCM 5% m 10% w 41% o 44% g	1.71

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	5.00	7.26
Last Gas Rate	0.13	7.00	8.01
Max. Gas Rate	0.13	7.00	8.01



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

StrataKan Exploration, LLC.

15-22s-13w Stafford, KS

204 W. Mill St.
Plainville, KS 67663

Fanshier #15-1

Job Ticket: 54189

DST#: 3

ATTN: Chris Bean

Test Start: 2014.06.30 @ 20:18:46

GENERAL INFORMATION:

Formation: **LKC "I - K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:17:01

Time Test Ended: 07:07:46

Interval: 3535.00 ft (KB) To 3615.00 ft (KB) (TVD)

Total Depth: 3474.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 53

Reference Elevations: 1898.00 ft (KB)

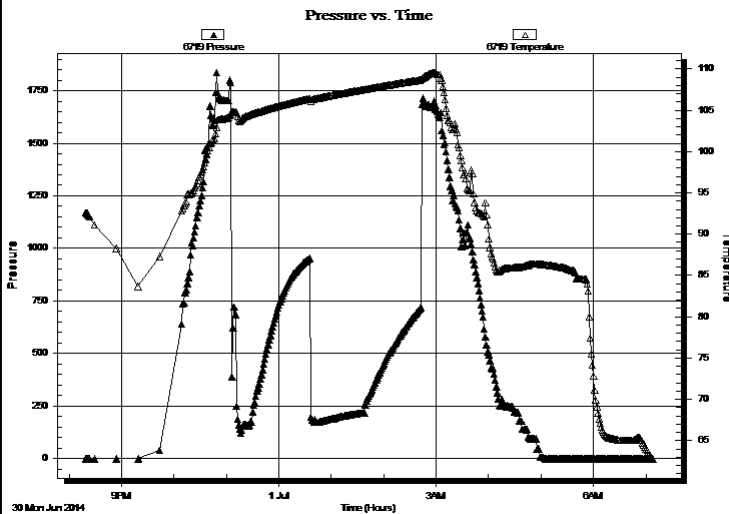
1891.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6719 Outside

Press@RunDepth:	psig @ 3536.00 ft (KB)	Capacity:	8000.00 psig
Start Date:	2014.06.30	End Date:	2014.07.01
Start Time:	20:18:57	End Time:	07:07:37
		Last Calib.:	2014.07.01
		Time On Btm:	
		Time Off Btm:	

TEST COMMENT: IF: Strong blow . B.O.B. in 13 mins.
 IS: No check hose nipple on floor manifold broke w orking on it.
 FF: Strong blow . B.O.B. in 30 secs. G.T.S. in 1 min. Gauged gas see report.
 FS: Weak blow . Surf., - 1 1/2".



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GOWCM 4% m 6% w 35% g 55% o	0.15
31.00	GOWCM 4% m 6% w 35% g 55% o	0.43
61.00	GOWCM 4% m 8% w 38% g 50% o	0.86
183.00	GOWCM 2% m 8% w 45% g 45% o	2.57
61.00	GOWCM 10% m 10% w 15% g 65% o	0.86
122.00	GOWCM 5% m 10% w 41% o 44% g	1.71

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	5.00	7.26
Last Gas Rate	0.13	7.00	8.01
Max. Gas Rate	0.13	7.00	8.01



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

StrataKan Exploration, LLC.

15-22s-13w Stafford,KS

204 W. Mill St.
Plainville, KS 67663

Fanshier #15-1

Job Ticket: 54189

DST#: 3

ATTN: Chris Bean

Test Start: 2014.06.30 @ 20:18:46

Tool Information

Drill Pipe:	Length: 3496.00 ft	Diameter: 3.80 inches	Volume: 49.04 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 49.19 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3535.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.00 ft			
Tool Length:	108.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Shale packer in place of bottom packer.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3508.00	
Shut In Tool	5.00			3513.00	
Hydraulic tool	5.00			3518.00	
Jars	5.00			3523.00	
Safety Joint	3.00			3526.00	
Packer	4.00			3530.00	28.00 Bottom Of Top Packer
Packer	5.00			3535.00	
Stubb	1.00			3536.00	
Recorder	0.00	6719	Outside	3536.00	
Recorder	0.00	6773	Inside	3536.00	
Perforations	1.00			3537.00	
Change Over Sub	1.00			3538.00	
Blank Spacing	61.00			3599.00	
Change Over Sub	1.00			3600.00	
Perforations	12.00			3612.00	
Bullnose	3.00			3615.00	80.00 Bottom Packers & Anchor
Total Tool Length:	108.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

StrataKan Exploration, LLC.

15-22s-13w Stafford,KS

204 W. Mill St.
Plainville, KS 67663

Fanshier #15-1

Job Ticket: 54189

DST#: 3

ATTN: Chris Bean

Test Start: 2014.06.30 @ 20:18:46

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 45.00 sec/qt
Water Loss: 10.38 in³
Resistivity: 0.00 ohm.m
Salinity: 5000.00 ppm
Filter Cake: 0.20 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 5000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	GOWCM 4%m 6%w 35%g 55%o	0.148
31.00	GOWCM 4%m 6%w 35%g 55%o	0.435
61.00	GOWCM 4%m 8%w 38%g 50%o	0.856
183.00	GOWCM 2%m 8%w 45%g 45%o	2.567
61.00	GOWCM 10%m 10%w 15%g 65%o	0.856
122.00	GOWCM 5%m 10%w 41%o 44%g	1.711
61.00	GOM 10%g 35%o 55%m	0.856

Total Length: 549.00 ft Total Volume: 7.429 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: MattSmith

Laboratory Name:

Laboratory Location:

Recovery Comments: Gauge gas but gas did not carry required 15 psi.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

StrataKan Exploration, LLC.

15-22s-13w Stafford,KS

204 W. Mill St.
Plainville, KS 67663

Fanshier #15-1

Job Ticket: 54189

DST#: 3

ATTN: Chris Bean

Test Start: 2014.06.30 @ 20:18:46

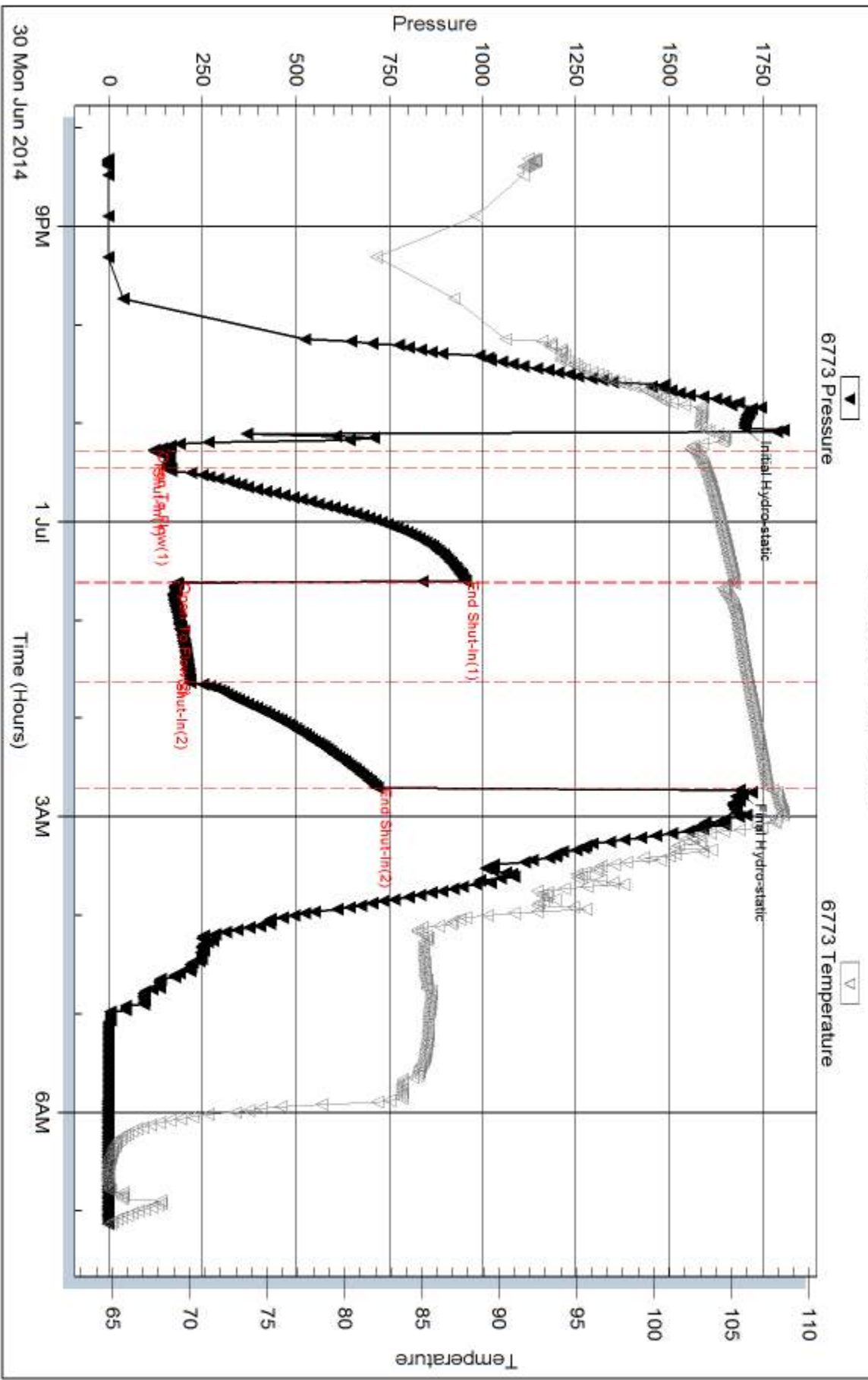
Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	30	0.13	5.00	7.26
2	40	0.13	5.50	7.45
2	50	0.13	6.00	7.63
2	70	0.13	7.00	8.01

Pressure vs. Time

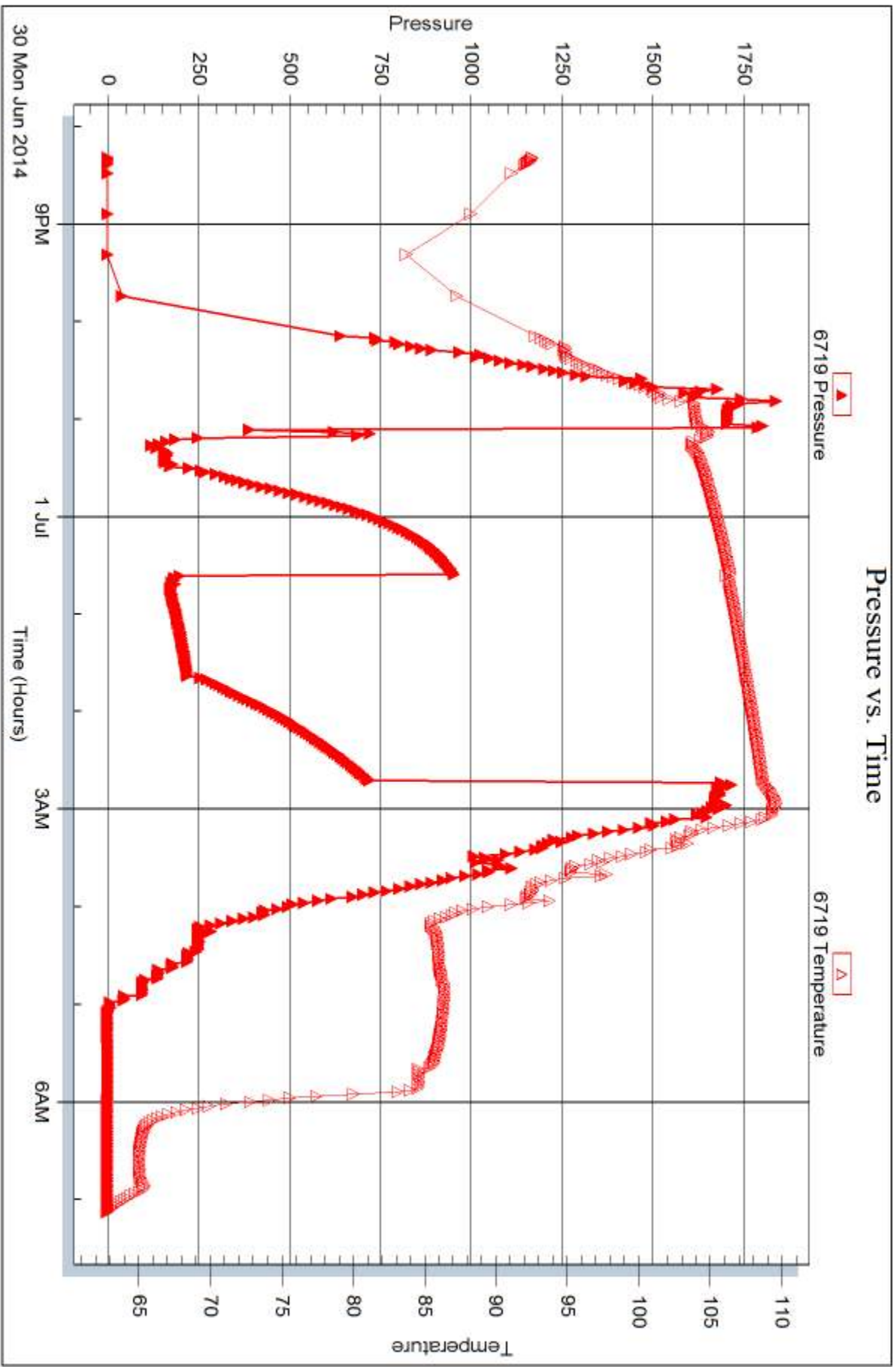


Serial #: 6719

Outside StrataKan Exploration, LLC.

Fanshier #15-1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 54189

Printed: 2014.07.08 @ 09:27:44



DRILL STEM TEST REPORT

Prepared For: **StrataKan Exploration, LLC.**

204 W. Mill St.
Plainville, KS 67663

ATTN: Chris Bean

Fanshier #15-1

15-22s-13w Stafford,KS

Start Date: 2014.07.01 @ 18:45:12

End Date: 2014.07.01 @ 23:54:12

Job Ticket #: 54190 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.07.08 @ 09:30:07



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

StrataKan Exploration, LLC.

15-22s-13w Stafford,KS

204 W. Mill St.
Plainville, KS 67663

Fanshier #15-1

Job Ticket: 54190

DST#: 4

ATTN: Chris Bean

Test Start: 2014.07.01 @ 18:45:12

GENERAL INFORMATION:

Formation: **Conglomerate - Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:08:42

Time Test Ended: 23:54:12

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 53

Interval: 3670.00 ft (KB) To 3745.00 ft (KB) (TVD)

Reference Elevations: 1898.00 ft (KB)

Total Depth: 3745.00 ft (KB) (TVD)

1891.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6773 Outside

Press@RunDepth: psig @ 3671.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.01 End Date: 2014.07.01

Last Calib.: 2014.07.02

Start Time: 18:45:17 End Time: 23:54:11

Time On Btm: 2014.07.01 @ 21:02:42

Time Off Btm: 2014.07.01 @ 21:41:42

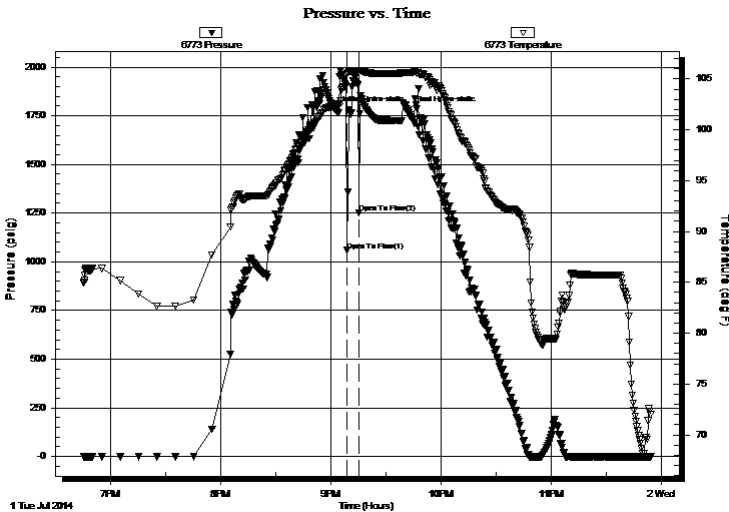
TEST COMMENT: IF: Packer failure. Pulled test.

IS:

FF:

FS:

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1774.79	102.41	Initial Hydro-static
6	1057.76	105.55	Open To Flow (1)
13	1249.79	105.65	Open To Flow (2)
39	1774.37	105.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Drig mud 100%m	0.15
183.00	Drig mud 100%m	2.57

* Recovery from multiple tests

Gas Rates

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



DRILL STEM TEST REPORT

StrataKan Exploration, LLC.

15-22s-13w Stafford,KS

204 W. Mill St.
Plainville, KS 67663

Fanshier #15-1

Job Ticket: 54190

DST#: 4

ATTN: Chris Bean

Test Start: 2014.07.01 @ 18:45:12

GENERAL INFORMATION:

Formation: **Conglomerate - Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:08:42

Time Test Ended: 23:54:12

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 53

Interval: 3670.00 ft (KB) To 3745.00 ft (KB) (TVD)

Reference Elevations: 1898.00 ft (KB)

Total Depth: 3745.00 ft (KB) (TVD)

1891.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6719

Inside

Press@RunDepth: psig @ 3671.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.01

End Date:

2014.07.01

Last Calib.:

2014.07.02

Start Time: 18:45:18

End Time:

23:53:57

Time On Btm:

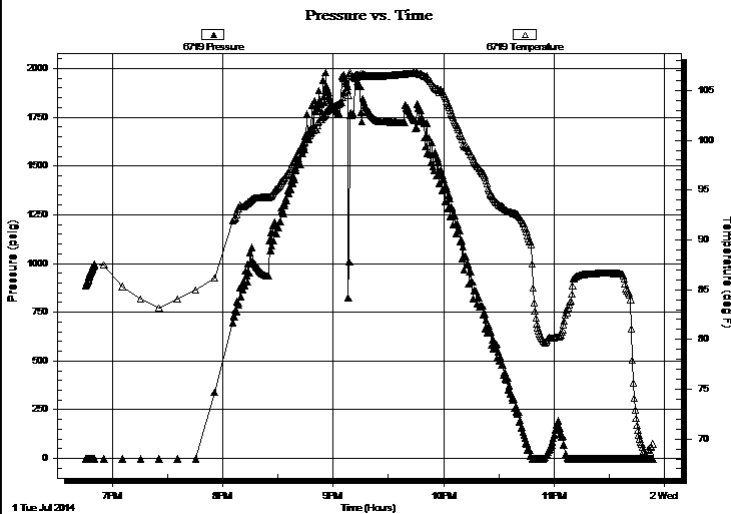
Time Off Btm:

TEST COMMENT: IF: Packer failure. Pulled test.

IS:

FF:

FS:



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Drig mud 100%m	0.15
183.00	Drig mud 100%m	2.57

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

StrataKan Exploration, LLC.

15-22s-13w Stafford,KS

204 W. Mill St.
Plainville, KS 67663

Fanshier #15-1

Job Ticket: 54190

DST#: 4

ATTN: Chris Bean

Test Start: 2014.07.01 @ 18:45:12

Tool Information

Drill Pipe:	Length: 3622.00 ft	Diameter: 3.80 inches	Volume: 50.81 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 50.96 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3670.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	103.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Packer failure. Pulled test did not re-test geo choice.

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3643.00	
Shut In Tool	5.00			3648.00	
Hydraulic tool	5.00			3653.00	
Jars	5.00			3658.00	
Safety Joint	3.00			3661.00	
Packer	4.00			3665.00	28.00 Bottom Of Top Packer
Packer	5.00			3670.00	
Stubb	1.00			3671.00	
Recorder	0.00	6719	Inside	3671.00	
Recorder	0.00	6773	Outside	3671.00	
Perforations	1.00			3672.00	
Change Over Sub	1.00			3673.00	
Blank Spacing	61.00			3734.00	
Change Over Sub	1.00			3735.00	
Perforations	7.00			3742.00	
Bullnose	3.00			3745.00	75.00 Bottom Packers & Anchor
Total Tool Length:	103.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

StrataKan Exploration, LLC.

15-22s-13w Stafford,KS

204 W. Mill St.
Plainville, KS 67663

Fanshier #15-1

Job Ticket: 54190

DST#: 4

ATTN: Chris Bean

Test Start: 2014.07.01 @ 18:45:12

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:

6000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	Drig mud 100%m	0.148
183.00	Drig mud 100%m	2.567

Total Length: 213.00 ft Total Volume: 2.715 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: NONE

Laboratory Name:

Laboratory Location:

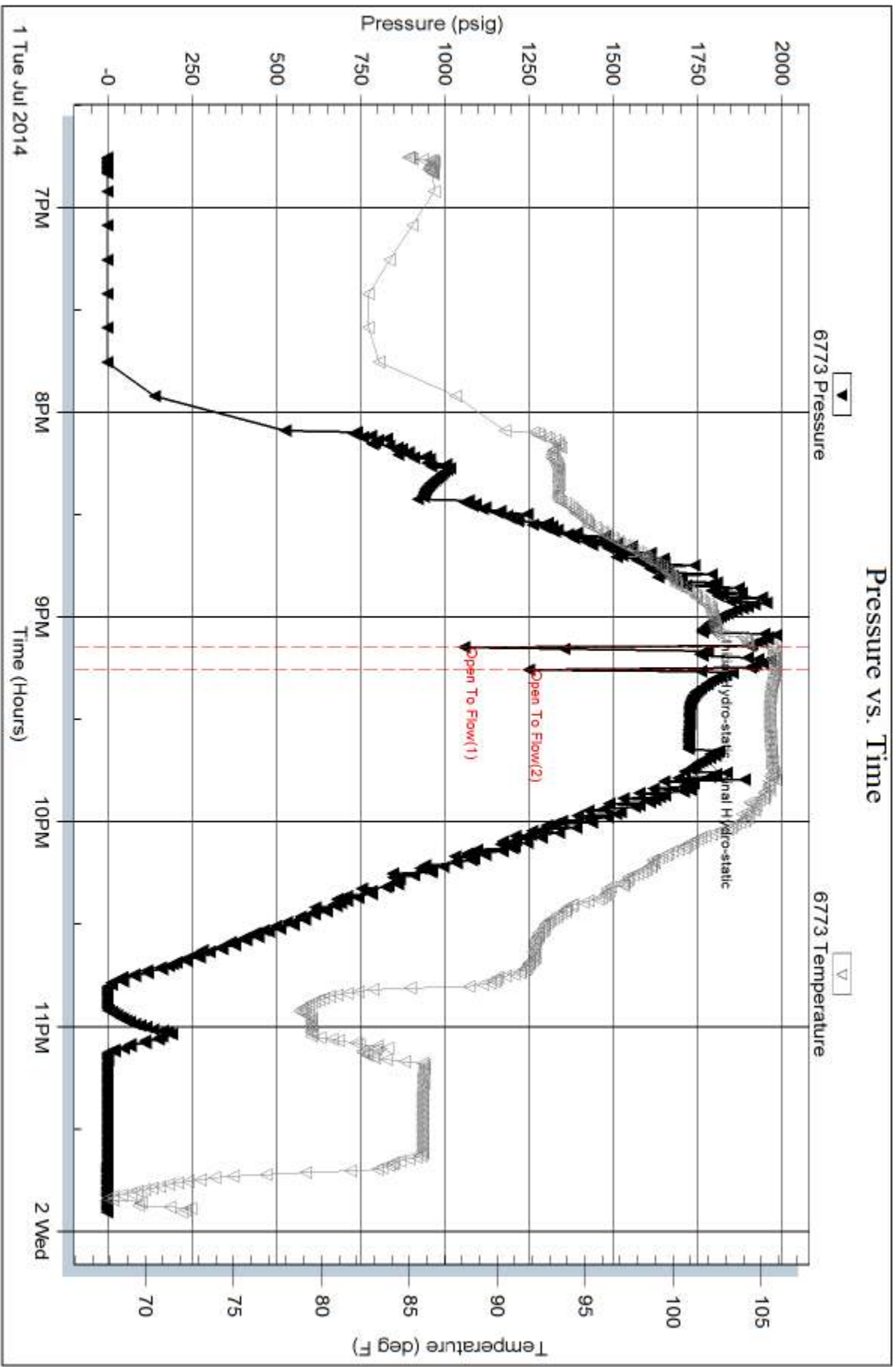
Recovery Comments: Packer failure.Pulled test.

Serial #: 6773

Outside StrataKan Exploration, LLC.

Fanshier #15-1

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 54190

Printed: 2014.07.08 @ 09:30:08

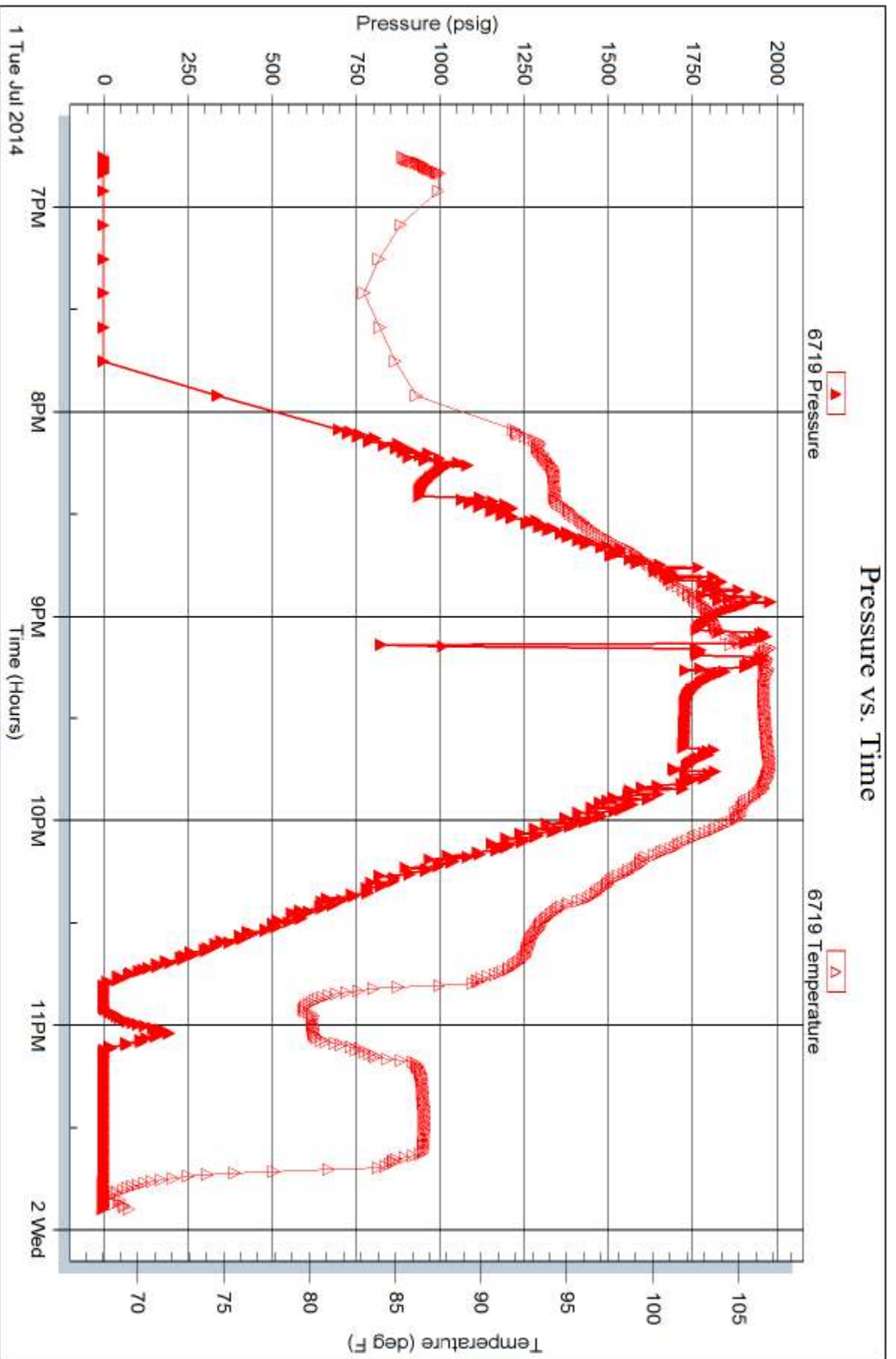
Serial #: 6719

Inside

StrataKan Exploration, LLC.

Fanshier #15-1

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 54190

Printed: 2014.07.08 @ 09:30:08



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54186

Well Name & No. Fanshler #15-1 Test No. 1 Date 6/29/14
 Company StrataKan Exploration, LLC. (StrataKan) Elevation 1898 KB 1891 GL
 Address 204 W. Mill St. Plainville, KS. 67663
 Co. Rep / Geo. Chris Bean Rig MAVERICK Rig # 102
 Location: Sec. 15 Twp. 22s Rge. 13w Co. STAFFORD State KS.

Interval Tested 3396 - 3474 Zone Tested Lansing KC "A-F"
 Anchor Length 78' Drill Pipe Run 3369 Mud Wt. 8.9
 Top Packer Depth 3391 Drill Collars Run 30' Vis 50
 Bottom Packer Depth 3396 Wt. Pipe Run 2 WL 8
 Total Depth 3474 Chlorides 5,000 ppm System LCM 1 1/2**

Blow Description IF: Strong blow. Surf. - 1 1/2".
ISI: No blow.
FF: Strong blow. B.O.B in 41 mins.
FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>372</u>	<u>G.I.P.</u>	<u>100</u>			
<u>31</u>	<u>GOWCM</u>	<u>4</u>	<u>45</u>	<u>17</u>	<u>37</u>
<u>93</u>	<u>GOWCM</u>	<u>10</u>	<u>5</u>	<u>35</u>	<u>50</u>
<u>31</u>	<u>GWCM TRC OIL</u>	<u>10</u>		<u>60</u>	<u>30</u>
<u>31</u>	<u>GWCM TRC OIL</u>	<u>10</u>		<u>60</u>	<u>30</u>

Rec Total 186' BHT 107° Gravity N.A. API RW .18 @ 92° F Chlorides 30,000 ppm

(A) Initial Hydrostatic 1632 Test 1150 T-On Location 0430
 (B) First Initial Flow 50 Jars 250 T-Started 0618
 (C) First Final Flow 89 Safety Joint 75 T-Open 1118
 (D) Initial Shut-In 908 Circ Sub _____ T-Pulled 1506
 (E) Second Initial Flow 93 Hourly Standby 300 T-Out 1816
 (F) Second Final Flow 130 Mileage 58 89.90 * Comments on bank @ 5:00 a.m.,
 (G) Final Shut-In 867 Sampler _____ suppose to be. Check test
 (H) Final Hydrostatic 1649 Straddle _____ Times - for average

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 2114.90

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

Sub Total 2114.90

Approved By _____ Our Representative Matthew A. Smith

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54187

Well Name & No. Fanshier # 15-1 Test No. 2 Date 6/30/14
 Company STRATAKAN Exploration, LLC. Elevation 1898 KB 1891 GL
 Address 204 W. Mill St. Plainville, Ks. 67663
 Co. Rep / Geo. Chris Bean Rig Maverick Rig # 102
 Location: Sec. 15 Twp. 22s Rge. 13w Co. STAFFORD State Ks.

Interval Tested 3522 - 3536 Zone Tested Lansing KC "H"
 Anchor Length 14' Drill Pipe Run 3493 Mud Wt. 9.2
 Top Packer Depth 3517 Drill Collars Run 30' Vis 52
 Bottom Packer Depth 3522 Wt. Pipe Run Q WL 10.8
 Total Depth 3536 Chlorides 6,000 ppm System LCM 1#

Blow Description IF: Weak blow. Surf. - 1/4"
ISI: No blow.
FF: No blow.
FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>2'</u>	<u>DRIG 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 2' BHT 104° Gravity N.A. API RW N.C. @ — °F Chlorides 6,000 ppm

(A) Initial Hydrostatic 1729 Test 1150 T-On Location 0220
 (B) First Initial Flow 15 Jars 250 T-Started 0237
 (C) First Final Flow 19 Safety Joint 75 T-Open 0611
 (D) Initial Shut-In 70 Circ Sub _____ T-Pulled 0842
 (E) Second Initial Flow 20 Hourly Standby _____ T-Out 1042
 (F) Second Final Flow 29 Mileage 58 89.90 Comments _____
 (G) Final Shut-In 47 Sampler _____
 (H) Final Hydrostatic 1649 Straddle _____

Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Initial Open 45 Sub Total 0
 Initial Shut-In 45 Total 1814.90
 Final Flow 30 MP/DST Disc't _____
 Final Shut-In 30

Approved By _____ Sub Total 1814.90 Our Representative Matthew A. Smith

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TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54189

Well Name & No. Fanshler # 15-1 Test No. 3 Date 6/30/14
 Company STRATAKON Exploration, LLC. Elevation 1898 KB 1891 GL
 Address 204 W. Mill St. Plamville, KS. 67663
 Co. Rep / Geo. Chris Bean Rig Maverick Rig # 102
 Location: Sec. 15 Twp. 22s Rge. 13w Co. STAFFORD State Ks.

Interval Tested 3535 - 3615 Zone Tested Lansing KC "I, S, K"
 Anchor Length 80' Drill Pipe Run 3496 Mud Wt. 9.3
 Top Packer Depth 3530 Drill Collars Run 30' Vis 45
 Bottom Packer Depth 3535 Wt. Pipe Run Q WL 10.4
 Total Depth 3615 Chlorides 5,000 ppm System LCM 1#

Blow Description IF: Strong blow. B.O.B in 13 mins.
ISI: No check hose nipple broken on flow manifold worked to fix.
FF: Strong blow. B.O.B in 30 secs., G.T.S. in 1 min. Gauged gas see Report.
FST: Weak blow. Surf., -1/2".

Rec	Feet of	%gas	%oil	%water	%mud
<u>2947</u>	<u>G.I.P.</u>	<u>100</u>			
<u>61</u>	<u>60cm</u>	<u>10</u>	<u>35</u>		<u>55</u>
<u>122</u>	<u>60wcm</u>	<u>44</u>	<u>41</u>	<u>10</u>	<u>5</u>
<u>336</u>	<u>60wcm</u>	<u>45</u>	<u>45</u>	<u>8</u>	<u>2</u>
<u>30</u>	<u>60wcm</u>	<u>35</u>	<u>55</u>	<u>6</u>	<u>4</u>

Rec Total 549' BHT 107° Gravity N.A. API RW N.C @ — °F Chlorides 5,000 ppm

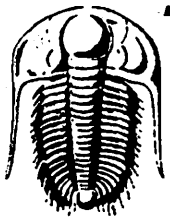
(A) Initial Hydrostatic 1702 Test 1150 T-On Location 1820 (6:20 pm)
 (B) First Initial Flow 122 Jars 250 T-Started 2018
 (C) First Final Flow 153 Safety Joint 75 T-Open 2317
 (D) Initial Shut-In 956 Circ Sub _____ T-Pulled 0243
 (E) Second Initial Flow 182 Hourly Standby ?? 3.25h 325 * T-Out 0707
 (F) Second Final Flow 217 Mileage 58.9 89.90 * Comments suppose to be on
 (G) Final Shut-In 720 Sampler _____ Bank @ 6:45 pm. Check
 (H) Final Hydrostatic 1688 Straddle _____ test time for overage

Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 2139.90
 Accessibility _____ MP/DST Disc't _____

Sub Total 2139.90

Approved By _____ Our Representative Matthew A. Smith

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601 • (785) 625-4778

GAS VOLUME REPORT

7/1/14

STRATAKAN Exploration, LLC.
OPERATOR

Fanshew # 15-1
WELL NAME AND NO.

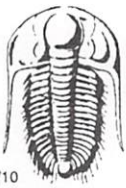
3
DST NO.

DF: 1st flow open

FF: 2nd Open Flow

Min.	Ins. of Water PSIG	Orifice Size	CF/D	Min.	Ins. of Water PSIG	Orifice Size	mCF/D	ATMS
								2000
				10	TSTM			
				20	TSTM			
				30	5 psi	1/8"	6.8	7.3
				40	5.5 psi	1/8"	7.0	7.4
				50	6 psi	1/8"	7.2	7.6
				60	7 psi	1/8"	7.5	8.0

* Remarks: Not carrying curve requires 15 psi, for gauging gas.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54190

Well Name & No. Fanshler # 15-1 Test No. 4 Date 7/1/14
 Company STRATAKAN Exploration, LLC. Elevation 1898 KB 1891 GL
 Address 204 W. Mill St. Plainville, KS. 67663
 Co. Rep / Geo. CHRIS BEAN Rig Maverick Rig # 102
 Location: Sec. 15 Twp. 22S Rge. 13W Co. STAFFORD State KS.

Interval Tested 3670 - 3745 Zone Tested Congo + Urola
 Anchor Length 75' Drill Pipe Run 3622 Mud Wt. 8.6
 Top Packer Depth 3665 Drill Collars Run 30 Vis 54
 Bottom Packer Depth 3670 Wt. Pipe Run Q WL 10.8
 Total Depth 3745 Chlorides 6,000 ppm System LCM 1#

Blow Description IF: Packer Failure. Pulled test.
ISI: pulled
FF: pulled
FSI: pulled

Rec	Feet of	%gas	%oil	%water	%mud
<u>183</u>	<u>Drilg mud</u>			<u>100</u>	
<u>30</u>	<u>DRIG mud</u>			<u>100</u>	

Rec Total 213' BHT 105' Gravity N.A. API RW N.C @ — °F Chlorides 6,000 ppm

(A) Initial Hydrostatic 1775 Test 950 T-On Location 1820
 (B) First Initial Flow — Pack Failure Jars 250 T-Started 1845
 (C) First Final Flow — Safety Joint 75 T-Open 2108
 (D) Initial Shut-In — Circ Sub — T-Pulled 2141
 (E) Second Initial Flow — Pack Failure Hourly Standby — T-Out 2354
 (F) Second Final Flow — Mileage 58.9 89.90 Comments Packer Failure.
 (G) Final Shut-In — Sampler —
 (H) Final Hydrostatic 1774 Straddle — Ruined Shale Packer —
 Ruined Packer —
 Extra Copies —

Initial Open Pulled
 Initial Shut-In —
 Final Flow —
 Final Shut-In —

Extra Packer —
 Extra Recorder —
 Day Standby —
 Accessibility —

Sub Total 1614.90

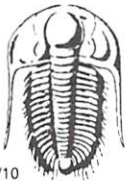
Sub Total 1614.90

Total 1614.90

MP/DST Disc't —

Approved By _____ Our Representative Matthew A. Smith

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54191

4/10

Well Name & No. <u>Fanshier #15-1</u>	Test No. <u>—</u>	Date <u>7/2/14</u>
Company <u>Stratakan Exploration, LLC</u>	Elevation <u>1898</u>	KB <u>1891</u> GL
Address <u>204 W. Mill St. Plainville, KS. 67663</u>		
Co. Rep / Geo. <u>Chris Bean</u>	Rig <u>Maverick Rig # 102</u>	
Location: Sec. <u>15</u> Twp. <u>22s</u> Rge. <u>13w</u>	Co. <u>Stafford</u>	State <u>KS.</u>

Interval Tested _____	Zone Tested _____
Anchor Length _____	Drill Pipe Run _____ Mud Wt. _____
Top Packer Depth _____	Drill Collars Run _____ Vis _____
Bottom Packer Depth _____	Wt. Pipe Run _____ WL _____
Total Depth _____	Chlorides _____ ppm System LCM _____
Blow Description _____	

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	Feet of	%gas	%oil	%water	%mud

Rec Total _____ BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic _____	<input type="checkbox"/> Test _____	T-On Location <u>10:00 pm</u>
(B) First Initial Flow _____	<input type="checkbox"/> Jars _____	T-Started _____
(C) First Final Flow _____	<input type="checkbox"/> Safety Joint _____	T-Open _____
(D) Initial Shut-In _____	<input type="checkbox"/> Circ Sub _____	T-Pulled _____
(E) Second Initial Flow _____	<input type="checkbox"/> Hourly Standby _____	T-Out _____
(F) Second Final Flow _____	<input checked="" type="checkbox"/> Mileage <u>89.90</u> <u>(58)</u> → <u>pick up tool</u>	Comments <u>Pick up tool.</u>
(G) Final Shut-In _____	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic _____	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____

Initial Open _____	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In _____	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Flow _____	<input type="checkbox"/> Day Standby _____	Total <u>89.90</u>
Final Shut-In _____	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>89.90</u>	

Approved By _____ Our Representative [Signature]

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