



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TGT Petroleum Corporation
7570 W 21st St N Ste 1010D
Wichita, KS 67205
ATTN: Jeff Christian

5-28S-18W Kiowa
Heft B 2
Job Ticket: 57797 **DST#: 5**
Test Start: 2014.11.21 @ 13:57:40

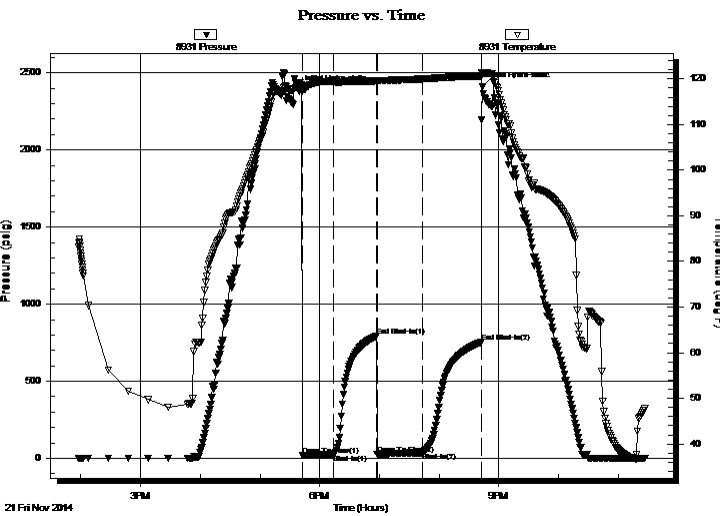
GENERAL INFORMATION:

Formation: **Kinderhook**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:42:55
Time Test Ended: 23:27:25
Interval: 4822.00 ft (KB) To 4858.00 ft (KB) (TVD)
Total Depth: 4970.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Straddle (Reset)
Tester: Matt Smith
Unit No: 53
Reference Elevations: 2226.00 ft (KB)
2216.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8931

Press @ Run Depth: 36.94 psig @ ft (KB) Capacity: 8000.00 psig
Start Date: 2014.11.21 End Date: 2014.11.21 Last Calib.: 2014.11.21
Start Time: 13:57:45 End Time: 23:27:25 Time On Btm: 2014.11.21 @ 17:38:40
Time Off Btm: 2014.11.21 @ 20:43:40

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



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2389.14	118.17	Initial Hydro-static
5	17.93	117.69	Open To Flow (1)
35	24.62	119.37	Shut-In(1)
78	791.28	119.58	End Shut-In(1)
79	27.13	119.43	Open To Flow (2)
125	36.94	119.98	Shut-In(2)
184	752.95	120.64	End Shut-In(2)
185	2408.36	121.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	GCM 1%g 99%m (trc oil)	0.28

* Recovery from multiple tests

Gas Rates

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



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Heft B 2

Job Ticket: 57797

DST#: 5

ATTN: Jeff Christian

Test Start: 2014.11.21 @ 13:57:40

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Formation: **Kinderhook**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:42:55

Time Test Ended: 23:27:25

Test Type: Conventional Straddle (Reset)

Tester: Matt Smith

Unit No: 53

Interval: **4822.00 ft (KB) To 4858.00 ft (KB) (TVD)**

Reference Elevations: 2226.00 ft (KB)

Total Depth: 4970.00 ft (KB) (TVD)

2216.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8671

Press @ RunDepth: psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.21 End Date: 2014.11.21

Last Calib.: 2014.11.21

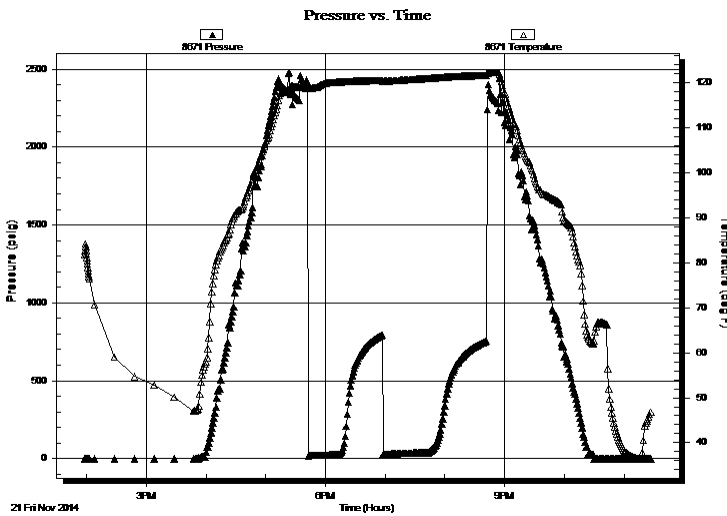
Start Time: 13:57:51 End Time: 23:27:31

Time On Btm:

Time Off Btm:

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

PRESSURE SUMMARY



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

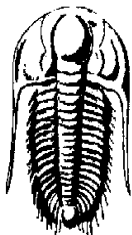
Recovery

Length (ft)	Description	Volume (bbl)
20.00	GCM 1%g 99%m (trc oil)	0.28

* Recovery from multiple tests

Gas Rates

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



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Heft B 2
 Job Ticket: 57797 **DST#: 5**
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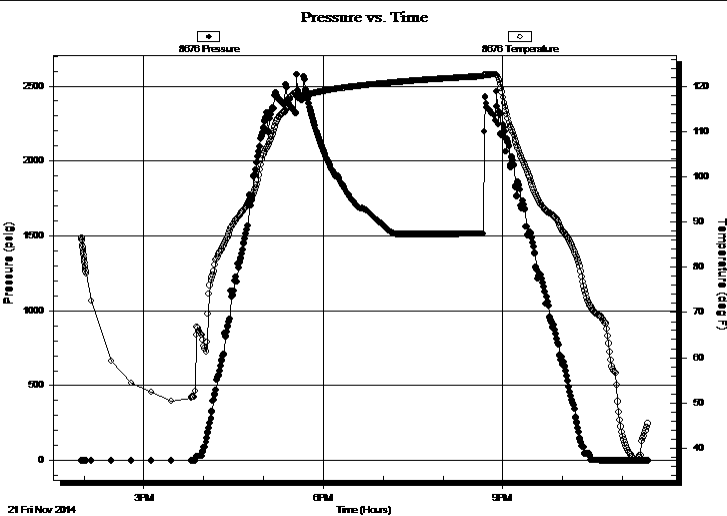
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 Time Test Ended: 23:27:25 Unit No: 53
Interval: 4822.00 ft (KB) To 4858.00 ft (KB) (TVD) Reference Elevations: 2226.00 ft (KB)
 Total Depth: 4970.00 ft (KB) (TVD) 2216.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8676

Press @RunDepth: psig @ ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.11.21 End Date: 2014.11.21 Last Calib.: 1899.12.30
 Start Time: 13:57:27 End Time: 23:25:52 Time On Btm:
 Time Off Btm:

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



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	GCM 1%g 99%m (trc oil)	0.28

* Recovery from multiple tests

Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

TGT Petroleum Corporation

5-28S-18W Kiowa

7570 W 21st St N Ste 1010D
Wichita, KS 67205

Heft B 2

Job Ticket: 57797

DST#: 5

ATTN: Jeff Christian

Test Start: 2014.11.21 @ 13:57:40

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:

6500 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	GCM 1%g 99%m (trc oil)	0.281

Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

