

DRILL STEM TEST REPORT

Prepared For: **AGV corp**

Po Box 377 Attica KS 67009+0377

ATTN: Kent Roberts

AR 15 Yarmer #1

30-15s-15w Russell

Start Date: 2014.12.08 @ 19:25:00

End Date: 2014.12.09 @ 01:19:58

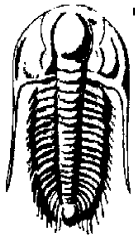
Job Ticket #: 61893 DST #: 3

Trilobite Testing, Inc

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Printed: 2014.12.11 @ 13:06:35



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TESTING, INC.

DRILL STEM TEST REPORT

AGV corp

Po Box 377 Attica KS 67009+0377

ATTN: Kent Roberts

30-15s-15w Russell

AR 15 Yarmer #1

Job Ticket: 61893

DST#: 3

Test Start: 2014.12.08 @ 19:25:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:51:23

Time Test Ended: 01:19:58

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: S5-Great Bend-70

Interval: 3430.00 ft (KB) To 3440.00 ft (KB) (TVD)

Total Depth: 3440.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1850.00 ft (KB)

1841.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8400

Press@RunDepth: 77.36 psig @ ft (KB)

Start Date: 2014.12.08

End Date:

2014.12.09

Start Time: 19:25:01

End Time:

01:19:58

Capacity: 5000.00 psig

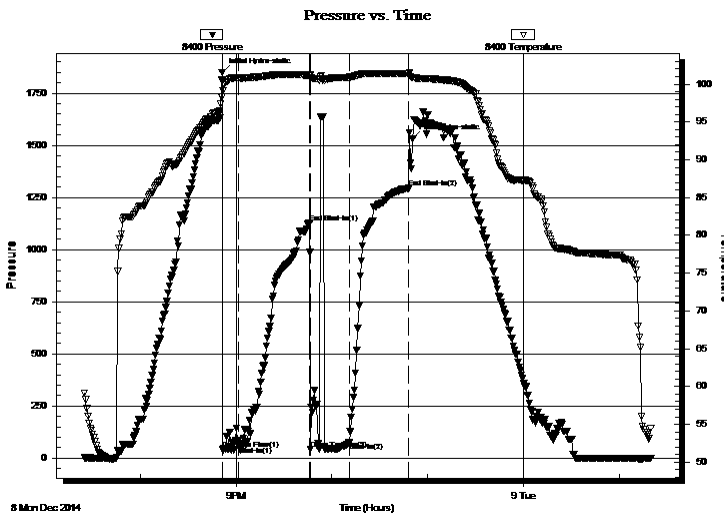
Last Calib.: 2014.12.08

Time On Btm: 2014.12.08 @ 20:51:08

Time Off Btm: 2014.12.08 @ 22:50:35

TEST COMMENT: IFP-10 Minutes-Weak blow built 1 1/2 inches into bucket
ISIP-45 Minutes-No blow back
FFP-10 Minutes-No blow flushed tool weak surge did not build
FSIP-45 Minutes-No blow back

PRESSURE SUMMARY



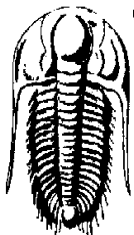
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1849.91	98.34	Initial Hydro-static
1	43.08	98.35	Open To Flow (1)
11	55.47	100.84	Shut-In(1)
55	1129.65	101.19	End Shut-In(1)
56	43.17	100.78	Open To Flow (2)
80	77.36	100.91	Shut-In(2)
118	1294.78	101.34	End Shut-In(2)
120	1530.54	100.88	Final Hydro-static

Recovery

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

Gas Rates

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

AGV corp

30-15s-15w Russell

Po Box 377 Attica KS 67009+0377

AR 15 Yarmer #1

Job Ticket: 61893

DST#: 3

ATTN: Kent Roberts

Test Start: 2014.12.08 @ 19:25:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4600.00 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 #: 8400

AGV corp

AR 15 Yarner #1

DST Test Number: 3

