

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: 2014.12.07 @ 03:20:00

End Date: 2014.12.07 @ 09:50:25

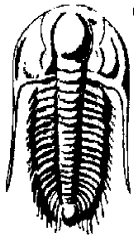
Job Ticket #: 61892 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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Printed: 2014.12.11 @ 13:05:55



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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: 61892

DST#: 2

Test Start: 2014.12.07 @ 03:20:00

GENERAL INFORMATION:

Formation: **LKC ' I J K'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:18:28

Time Test Ended: 09:50:25

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: S5-Great Bend -70

Interval: 3274.00 ft (KB) To 3354.00 ft (KB) (TVD)

Reference Elevations: 1850.00 ft (KB)

Total Depth: 3354.00 ft (KB) (TVD)

1841.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8400

Press@RunDepth: 53.99 psig @ ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.12.07

End Date:

2014.12.07

Last Calib.:

2014.12.07

Start Time: 03:20:01

End Time:

09:50:25

Time On Btm:

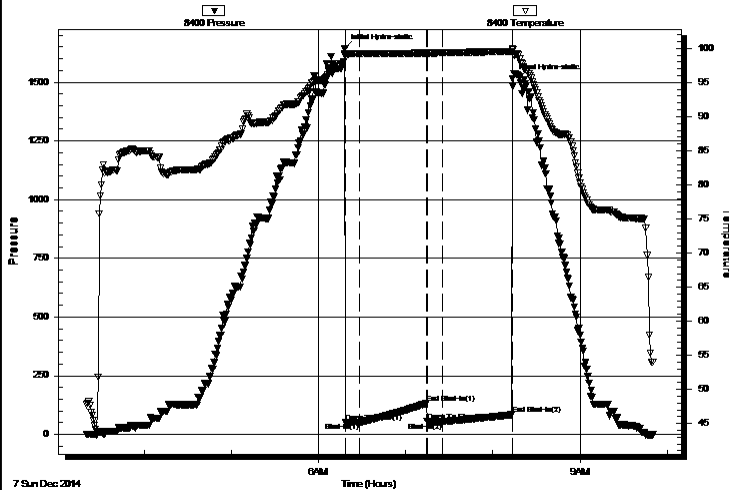
2014.12.07 @ 06:17:54

Time Off Btm:

2014.12.07 @ 08:13:24

TEST COMMENT: IFP-10 Minutes-Weak blow built 1 inch into water
ISIP-45 Minutes-No blow back
FFP-10 Minutes-Very weak surge did not build
FSIP-45 Minutes-No blow back

Pressure vs. Time



PRESSURE SUMMARY

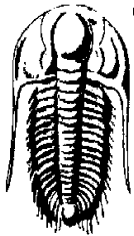
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1643.65	99.22	Initial Hydro-static
1	52.55	99.11	Open To Flow (1)
11	52.40	99.22	Shut-In(1)
57	132.69	99.33	End Shut-In(1)
57	55.98	99.29	Open To Flow (2)
68	53.99	99.35	Shut-In(2)
116	83.81	99.57	End Shut-In(2)
116	1516.57	100.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud spot oil 1%oil 99% 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: 61892

DST#: 2

ATTN: Kent Roberts

Test Start: 2014.12.07 @ 03:20:00

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 spot oil 1%oil 99%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: 2

