



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brinker Enterprises, LLC

36-07s-20w Rooks, KS

216 S Marshall St.
Glen Elder, KS 67446

Knipp SW #2

Job Ticket: 57502

DST#: 2

ATTN: Richard Bell

Test Start: 2014.03.15 @ 12:40:00

GENERAL INFORMATION:

Formation: **LKC 'H'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:17:15

Time Test Ended: 19:08:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Cody Bloedorn/Philli

Unit No: 73

Interval: 3261.00 ft (KB) To 3290.00 ft (KB) (TVD)

Total Depth: 3290.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1934.00 ft (KB)

1929.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6799

Inside

Press@RunDepth: 88.06 psig @ 3262.00 ft (KB)

Start Date: 2014.03.15

End Date:

2014.03.15

Start Time: 12:40:05

End Time:

19:08:29

Capacity: 8000.00 psig

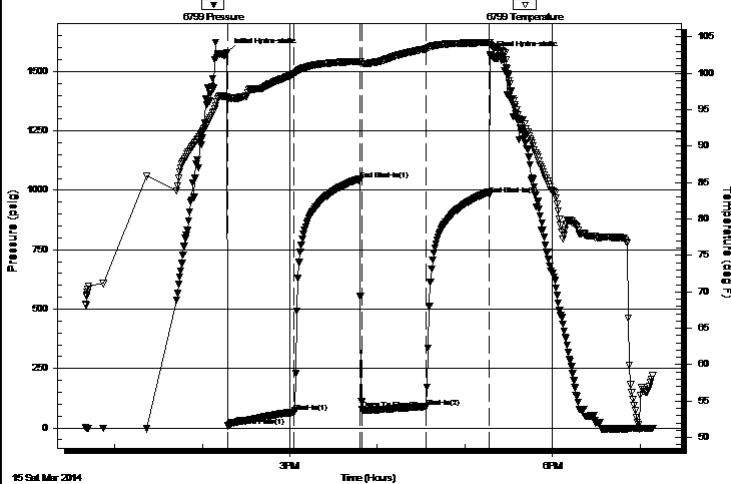
Last Calib.: 2014.03.15

Time On Btm: 2014.03.15 @ 14:17:00

Time Off Btm: 2014.03.15 @ 17:17:15

TEST COMMENT: 45 - IF- 6 1/4" blow
45 - IS- No blow back
45 - FF- 3" blow
45 - FSI-No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1577.73	96.79	Initial Hydro-static
1	9.13	96.39	Open To Flow (1)
46	65.46	99.93	Shut-In(1)
91	1045.50	101.62	Open Shut-In(1)
93	78.64	101.31	Open To Flow (2)
137	88.06	103.34	Shut-In(2)
180	982.57	104.22	End Shut-In(2)
181	1566.10	103.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MW 30%W 70%M	0.59
45.00	MW 90%W 10M	0.63

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Knipp SW #2

Job Ticket: 57502

DST#: 2

ATTN: Richard Bell

Test Start: 2014.03.15 @ 12:40:00

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:

28000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MW 30%W 70%M	0.590
45.00	MW 90%W 10M	0.631

Total Length: 165.00 ft Total Volume: 1.221 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Salinity : 3.0 at 60 degrees=28000

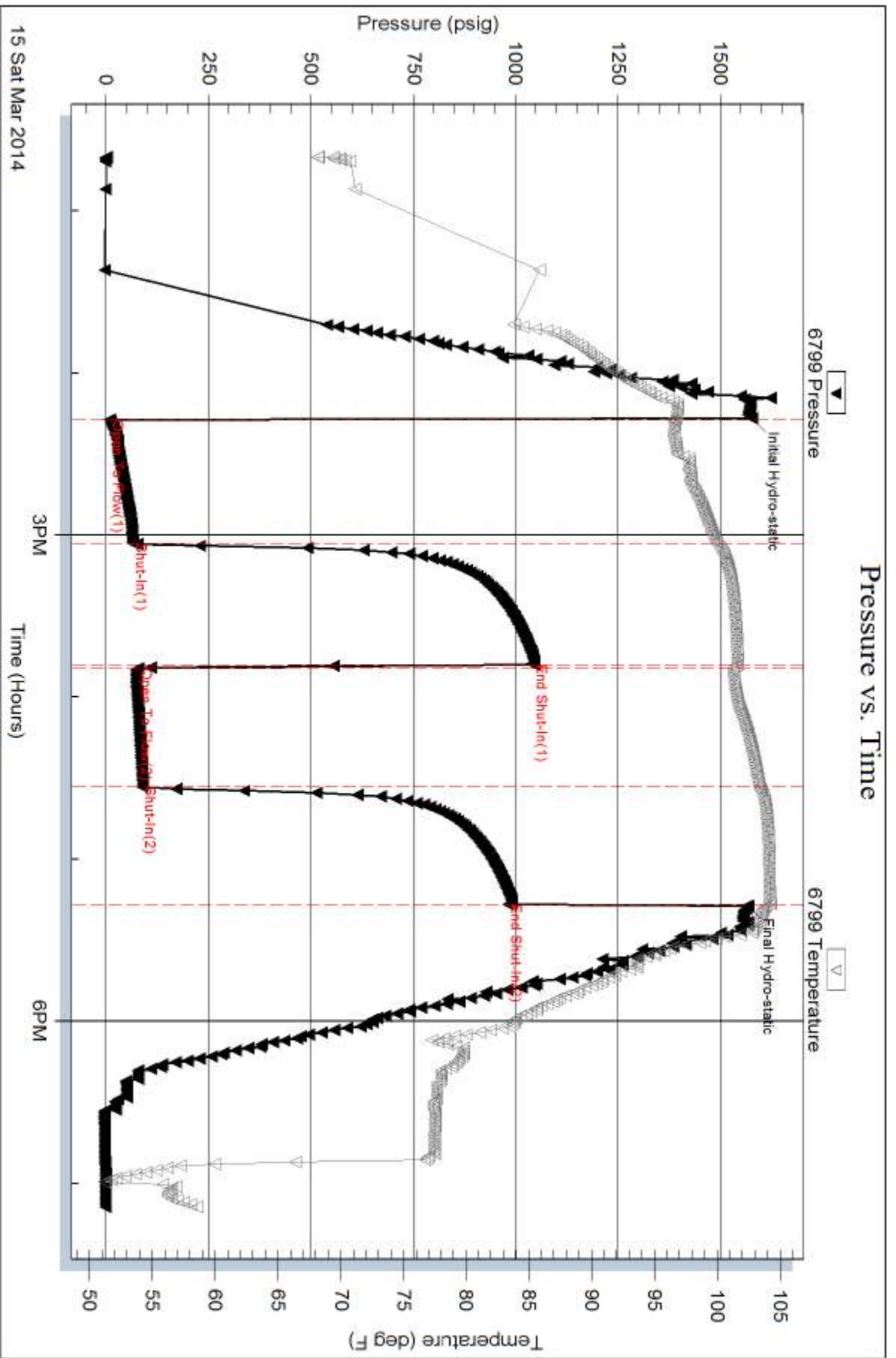
Serial #: 6799

Inside

Brinker Enterprises, LLC

Knipp SW #2

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 57502

Printed: 2014.03.15 @ 20:14:55