



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Eternity Exploration, LLC.

30-9S-25W Graham, KS

338 Spyglass Dr.
Coppell, TX 75019

BH Werth #4

Job Ticket: 48196

DST#: 1

ATTN: Kurt Talbott

Test Start: 2012.11.30 @ 22:35:00

GENERAL INFORMATION:

Formation: **Toronto - LKC "A"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 00:59:45
 Tester: Kevin Mack
 Time Test Ended: 06:26:45
 Unit No: 43
 Interval: **3856.00 ft (KB) To 3900.00 ft (KB) (TVD)**
 Reference Elevations: 2631.00 ft (KB)
 Total Depth: 3900.00 ft (KB) (TVD)
 2621.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 10.00 ft

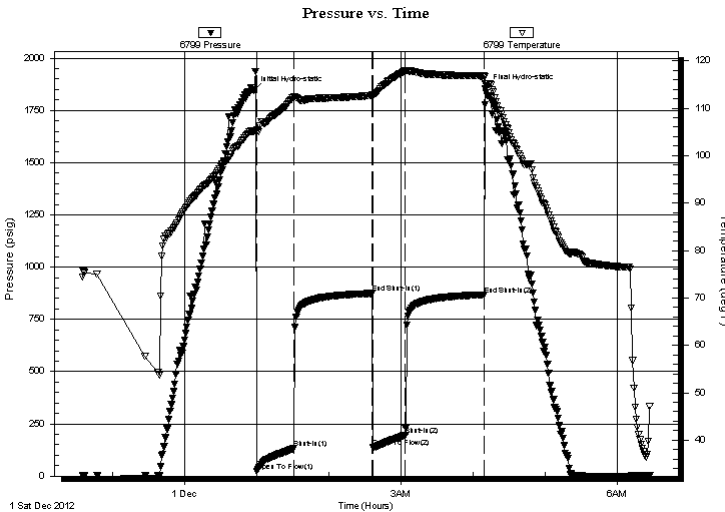
Serial #: 6799

Inside

Press @ Run Depth: 195.82 psig @ 3857.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.11.30 End Date: 2012.12.01 Last Calib.: 2012.12.01
 Start Time: 22:35:05 End Time: 06:26:44 Time On Btm: 2012.12.01 @ 00:57:45
 Time Off Btm: 2012.12.01 @ 04:10:15

TEST COMMENT: 30 - IF- BoB in 20 min
 60 - IS- No Return
 30 - FF- BoB in 27 min.
 60 - FS- No Return

PRESSURE SUMMARY



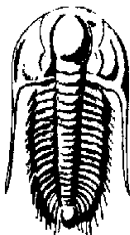
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1846.67	105.14	Initial Hydro-static
2	21.64	105.52	Open To Flow (1)
33	132.88	112.41	Shut-In(1)
98	874.41	112.72	End Shut-In(1)
99	136.25	112.65	Open To Flow (2)
126	195.82	117.81	Shut-In(2)
191	867.98	116.76	End Shut-In(2)
193	1852.91	115.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	WM 90W 10M	0.59
124.00	WM 80W 20M	1.74
144.00	MW 20W 80M	2.02

Gas Rates

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



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BH Werth #4

Job Ticket: 48196

DST#: 1

ATTN: Kurt Talbott

Test Start: 2012.11.30 @ 22:35:00

GENERAL INFORMATION:

Formation: Toronto - LKC "A"
Deviated: No **Whipstock:** ft (KB)
Time Tool Opened: 00:59:45
Time Test Ended: 06:26:45
Interval: 3856.00 ft (KB) To 3900.00 ft (KB) (TVD)
Total Depth: 3900.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches **Hole Condition:** Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Kevin Mack
Unit No: 43
Reference Elevations: 2631.00 ft (KB)
 2621.00 ft (CF)
KB to GR/CF: 10.00 ft

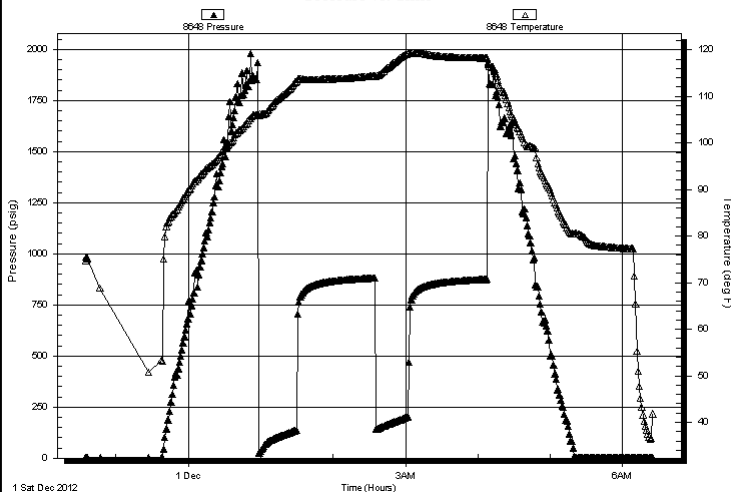
Serial #: 8648

Inside

Press @ Run Depth: psig @ 3857.00 ft (KB) **Capacity:** 8000.00 psig
Start Date: 2012.11.30 **End Date:** 2012.12.01 **Last Calib.:** 2012.12.01
Start Time: 22:35:05 **End Time:** 06:24:59 **Time On Btm:**
Time Off Btm:

TEST COMMENT: 30 - IF- BoB in 20 min
 60 - IS- No Return
 30 - FF- BoB in 27 min.
 60 - FS- No Return

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
120.00	WM 90W 10M	0.59
124.00	WM 80W 20M	1.74
144.00	MW 20W 80M	2.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eternity Exploration, LLC.

30-9S-25W Graham, KS

338 Spyglass Dr.
Coppell, TX 75019

BH Werth #4

Job Ticket: 48196

DST#: 1

ATTN: Kurt Talbott

Test Start: 2012.11.30 @ 22:35:00

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:

70000 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	WM 90W 10M	0.590
124.00	WM 80W 20M	1.739
144.00	MW 20W 80M	2.020

Total Length: 388.00 ft Total Volume: 4.349 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

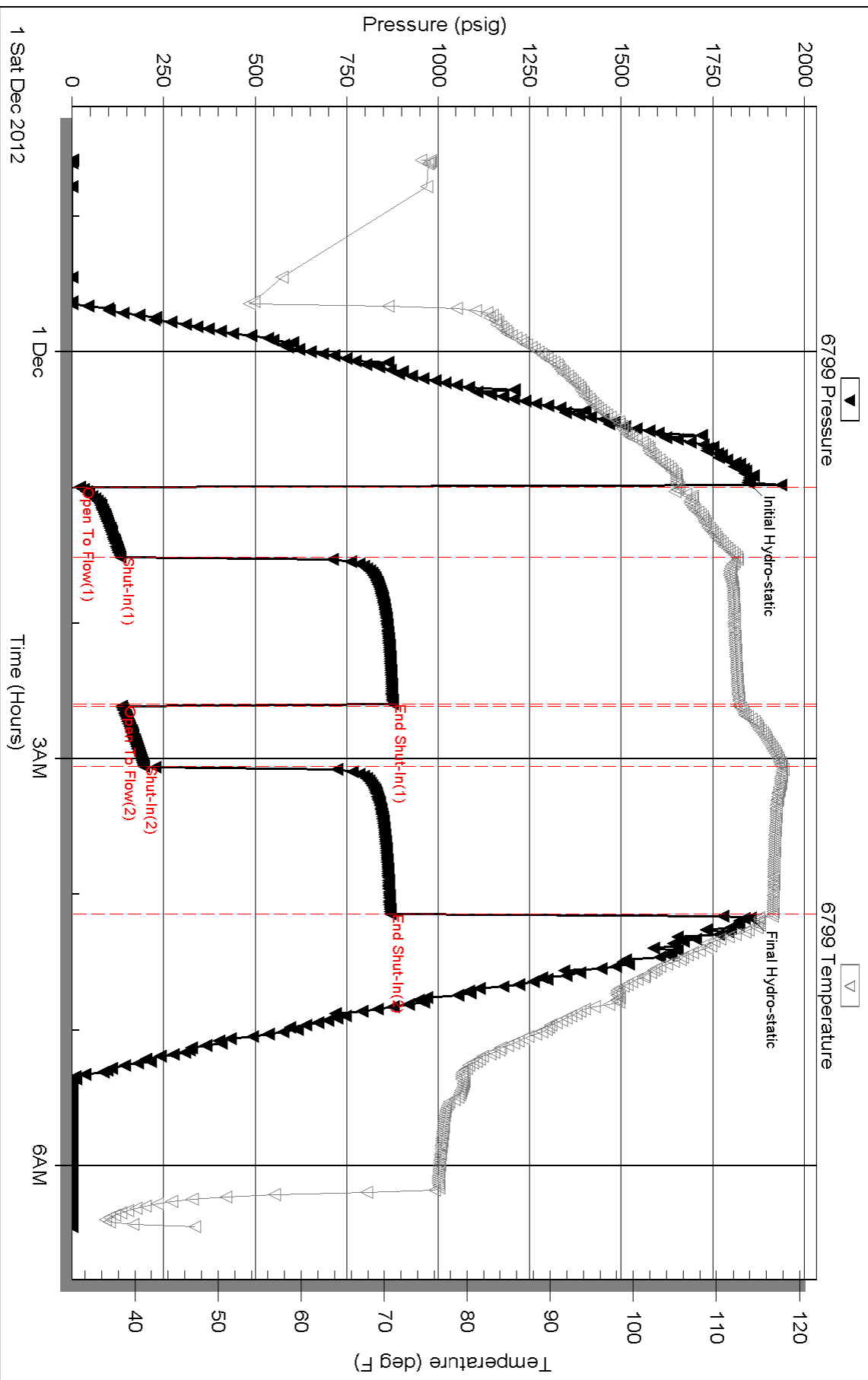
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .125 @ 62 deg = 70,000 ppm

Pressure vs. Time



Serial #: 8648

Inside

Berilyn Exploration, LLC.

BH Werth #4

DST Test Number: 1

