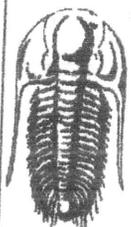


12-9-16W

6665 ✓



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Buffalo Resources

Graham #1-12

301 Commerce St.
Suite 1380
Pt. Worth, Tx 76102
ATTN: Roger Martin

12-9s-16w/Rooks

Job Ticket: 36307

DST#: 1

Test Start: 2009.02.27 @ 12:15:15

GENERAL INFORMATION:

Formation: **Toronto-LKC "G"**
Deviated: No Whipstock ft (KB)
Time Tool Opened: 13:59:15
Time Test Ended: 18:39:00

Test Type: Conventional Bottom Hole
Tester: Tyson Flax
Unit No: 44

Interval: **3191.00 ft (KB) To 3355.00 ft (KB) (TVD)**
Total Depth: 3355.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2077.00 ft (KB)
2067.00 ft (CF)
KB to GR/CF: 10.00 ft

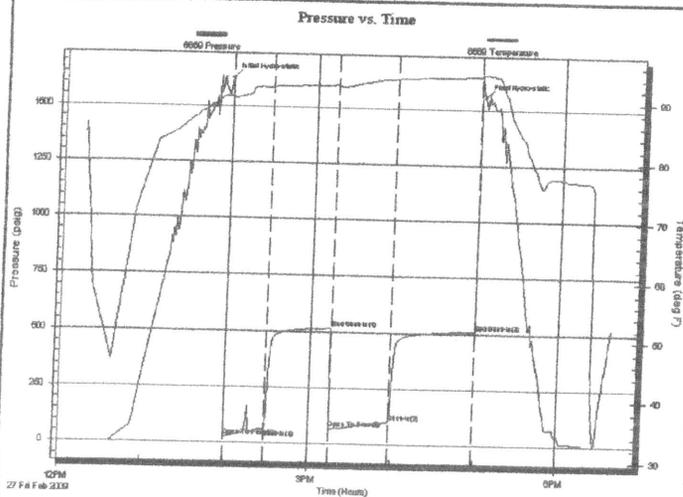
Serial #: 6669

Inside

Press@RunDepth: 101.66 psig @ 3200.00 ft (KB)
Start Date: 2009.02.27 End Date: 2009.02.27
Start Time: 12:15:15 End Time: 18:39:00

Capacity: 7000.00 psig
Last Calib.: 2009.02.27
Time On Btm: 2009.02.27 @ 13:59:00
Time Off Btm: 2009.02.27 @ 17:02:00

TEST COMMENT: IFP-BOB in 25.5 min
IS-no blow back
FFP-BOB in 36 min
FSI-Very weak surface blow back died in 20 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1626.74	90.68	Initial Hydro-static
1	25.51	89.91	Open To Flow (1)
30	61.71	92.14	Shut-in(1)
76	514.45	92.66	End Shut-in(1)
76	67.36	92.50	Open To Flow (2)
119	101.66	93.83	Shut-in(2)
180	509.20	94.33	End Shut-in(2)
183	1554.57	94.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	VSOCM 5%O, 95%M	0.85
110.00	GSOCM 10%G, 5%O, 85%M	1.56
0.00	70' GIP	0.00

Gas Rates

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

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MAR 30 2009

CONSERVATION DIVISION
WICHITA, KS

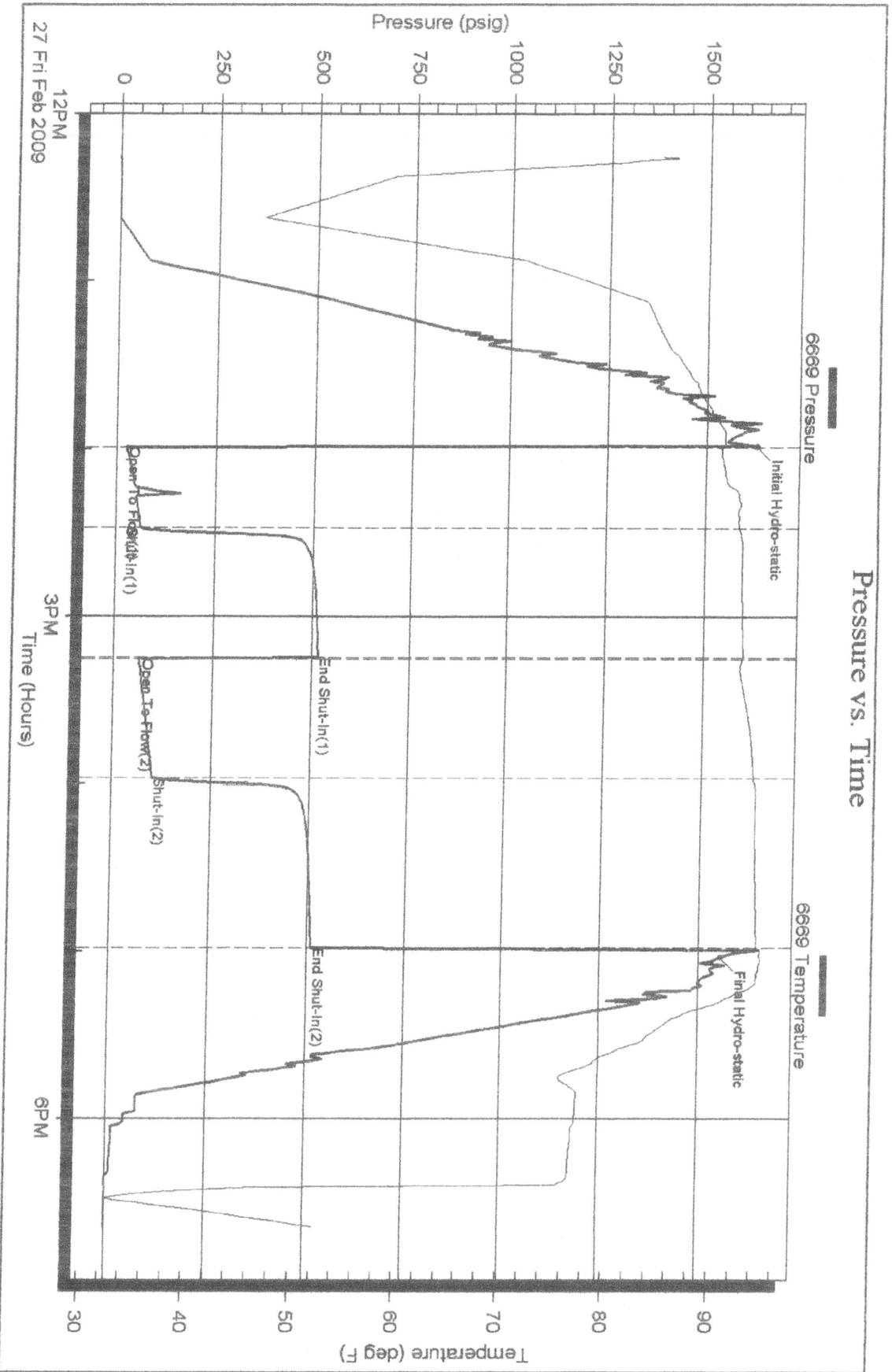
G 3342' - 3348'

Serial #: 6669 Inside Buffalo Resources

12-9s-16w/Rooks

DST Test Number: 1

Pressure vs. Time



Triolite Testing, Inc

Ref. No: 36307



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Buffalo Resources
 301 Commerce St.
 Suite 1380
 Ft. Worth, Tx 76102
 ATTN: Roger Martin

Graham #1-12
12-9s-16w/Rooks
 Job Ticket: 36308 **DST#: 2**
 Test Start: 2009.02.28 @ 12:02:18

GENERAL INFORMATION:

Formation: **LKC "H-L"**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 13:51:48
 Time Test Ended: 18:20:48
 Test Type: **Conventional Bottom Hole**
 Tester: **Tyson Flax**
 Unit No: **44**
 Interval: **3355.00 ft (KB) To 3515.00 ft (KB) (TVD)**
 Total Depth: **3515.00 ft (KB) (TVD)**
 Reference Elevations: **2077.00 ft (KB)**
2067.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 KB to GR/CF: **10.00 ft**

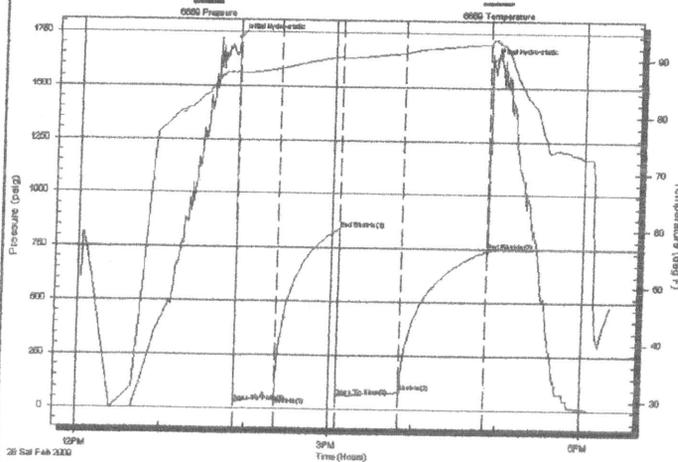
Serial #: 6669

Inside

Press@RunDepth: **80.19 psig @ 3364.00 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2009.02.28** End Date: **2009.02.28** Last Calib.: **2009.02.28**
 Start Time: **12:02:18** End Time: **18:20:48** Time On Btm: **2009.02.28 @ 13:51:03**
 Time Off Btm: **2009.02.28 @ 16:53:18**

TEST COMMENT: **FFP-Weak blow built to 9.5"**
ISI-no blow back
FFP-Weak blow built to 7.5"
FSI-no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1723.22	87.82	Initial Hydro-static
1	28.53	87.52	Open To Flow (1)
30	53.13	88.17	Shut-In(1)
75	838.68	90.36	End Shut-In(1)
75	59.66	90.11	Open To Flow(2)
120	80.19	91.05	Shut-In(2)
181	742.59	92.77	End Shut-In(2)
183	1619.75	93.52	Final Hydro-static

Recovery

Length (ft)	Description	Volumes (bbl)
65.00	Mud w/scum of oil	0.92
60.00	SWM 5%W,95%M	0.85

Gas Rates

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

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 KANSAS CORPORATION COMMISSION

MAR 30 2009

CONSERVATION DIVISION
 WICHITA, KS

Serial #: 6669

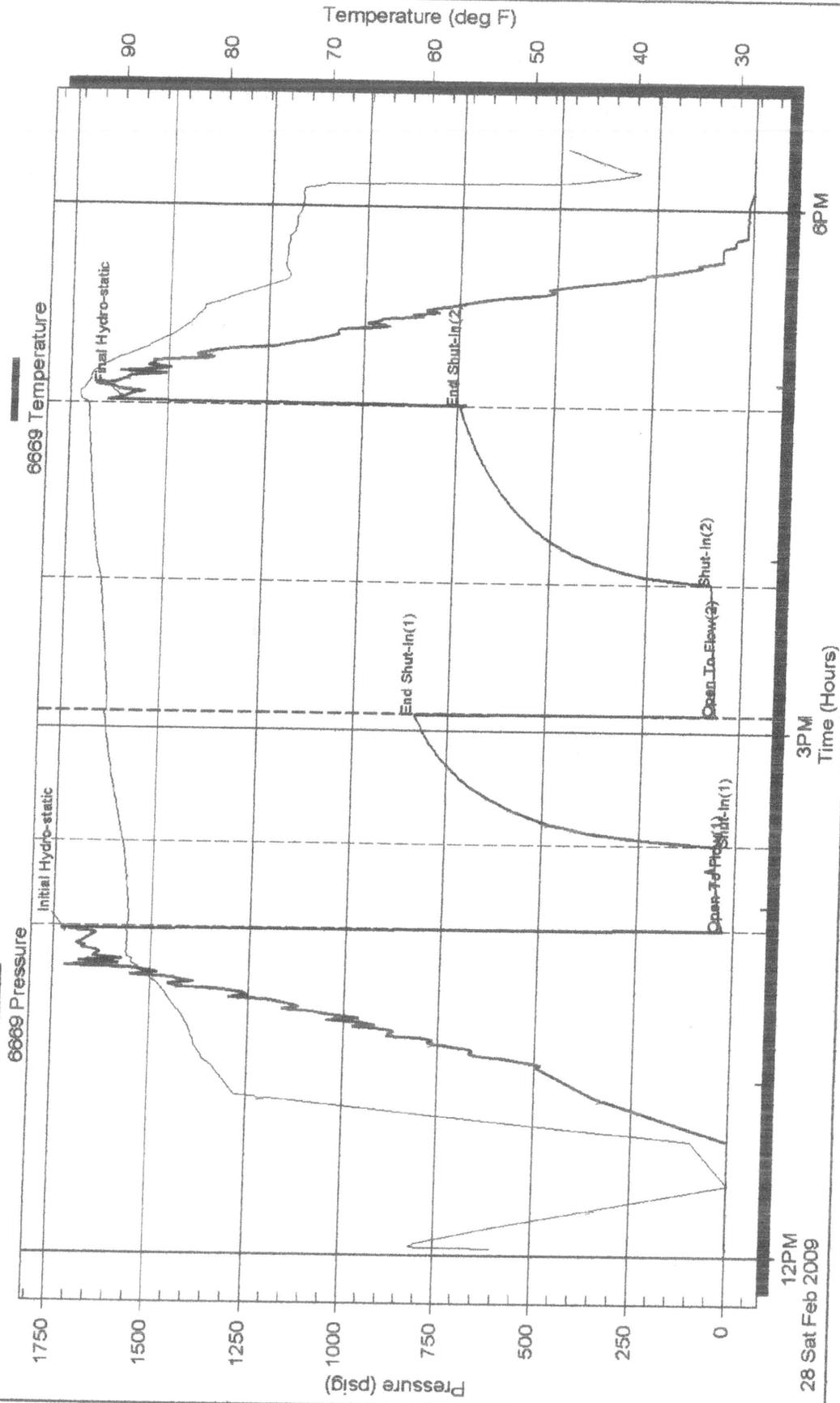
Inside

Buffalo Resources

12-9s-16w/Rooks

DST Test Number: 2

Pressure vs. Time



Tribble Testing, Inc

Ref. No: 36308