

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

T-N-T Engineering, Inc.
3711 Maplewood, Ste. 201
Wichita Falls, Texas 76308
ATTN: Jim Mesgrove

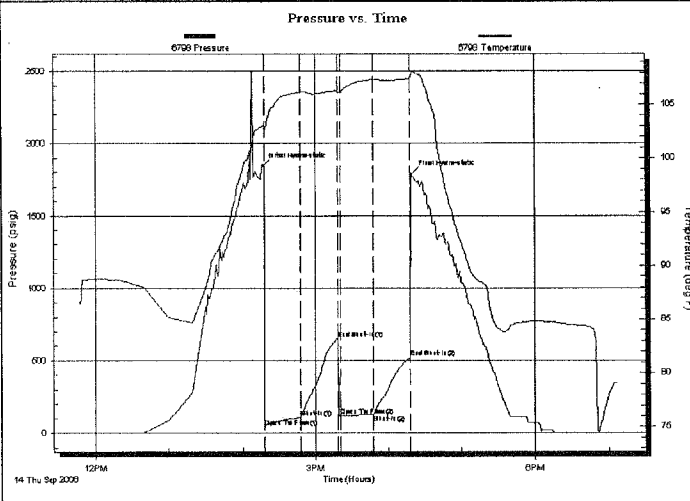
Chapman #9
32-21s-13w Stafford
Job Ticket: 25431 **DST#: 1**
Test Start: 2006.09.14 @ 11:47:19

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:18:19
Time Test Ended: 19:07:42
Test Type: Conventional Bottom Hole
Tester: Gerald Adams
Unit No: 36
Interval: **3720.00 ft (KB) To 3786.00 ft (KB) (TVD)**
Reference Elevations: 1915.00 ft (KB)
Total Depth: 3786.00 ft (KB) (TVD) 1910.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 6798 Inside
Press@RunDepth: 126.04 psig @ 3721.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2006.09.14 End Date: 2006.09.14 Last Calib.: 2006.09.14
Start Time: 11:47:24 End Time: 19:07:41 Time On Btm: 2006.09.14 @ 14:16:49
Time Off Btm: 2006.09.14 @ 16:19:19

TEST COMMENT: IF: Strong blow . B.O.B. in 14 mins.
IS: Weak blow . Built to 2 1/2".
FF: Strong blow . B.O.B. in 16 mins.
FS: Weak blow . Built to 2 1/4".

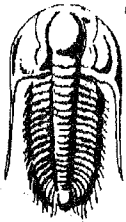


PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1842.06	103.00	Initial Hydro-static
2	41.33	102.46	Open To Flow (1)
31	104.41	106.20	Shut-In(1)
62	651.94	106.32	End Shut-In(1)
64	114.20	106.10	Open To Flow (2)
91	126.04	107.37	Shut-In(2)
122	519.36	107.44	End Shut-In(2)
123	1787.68	107.92	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
130.00	HG&OCM w/trace of water 15%g 29%o	0.64 / 5
150.00	Clean Gassy Oil 3%g 97%o	1.21
0.00	385' GIP	0.00
0.00	Gravity= 26 API @ 90 deg 23 corr.	0.00
0.00		0.00

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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32-21-13w



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FLUID SUMMARY

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Chapman #9

3711 Maplewood, Ste. 201
Wichita Falls, Texas 76308

32-21s-13w Stafford

Job Ticket: 25431

DST#: 1

ATTN: Jim Mesgrove

Test Start: 2006.09.14 @ 11:47:19

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: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	HG&OCM w/trace of water 15%g 29%o 2%v	0.639
150.00	Clean Gassy Oil 3%g 97%o	1.211
0.00	385' GIP	0.000
0.00	Gravity= 26 API @ 90 deg 23 corr.	0.000
0.00		0.000

Total Length: 280.00 ft Total Volume: 1.850 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

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NOV 15 2006

CONSERVATION DIVISION
WICHITA, KS

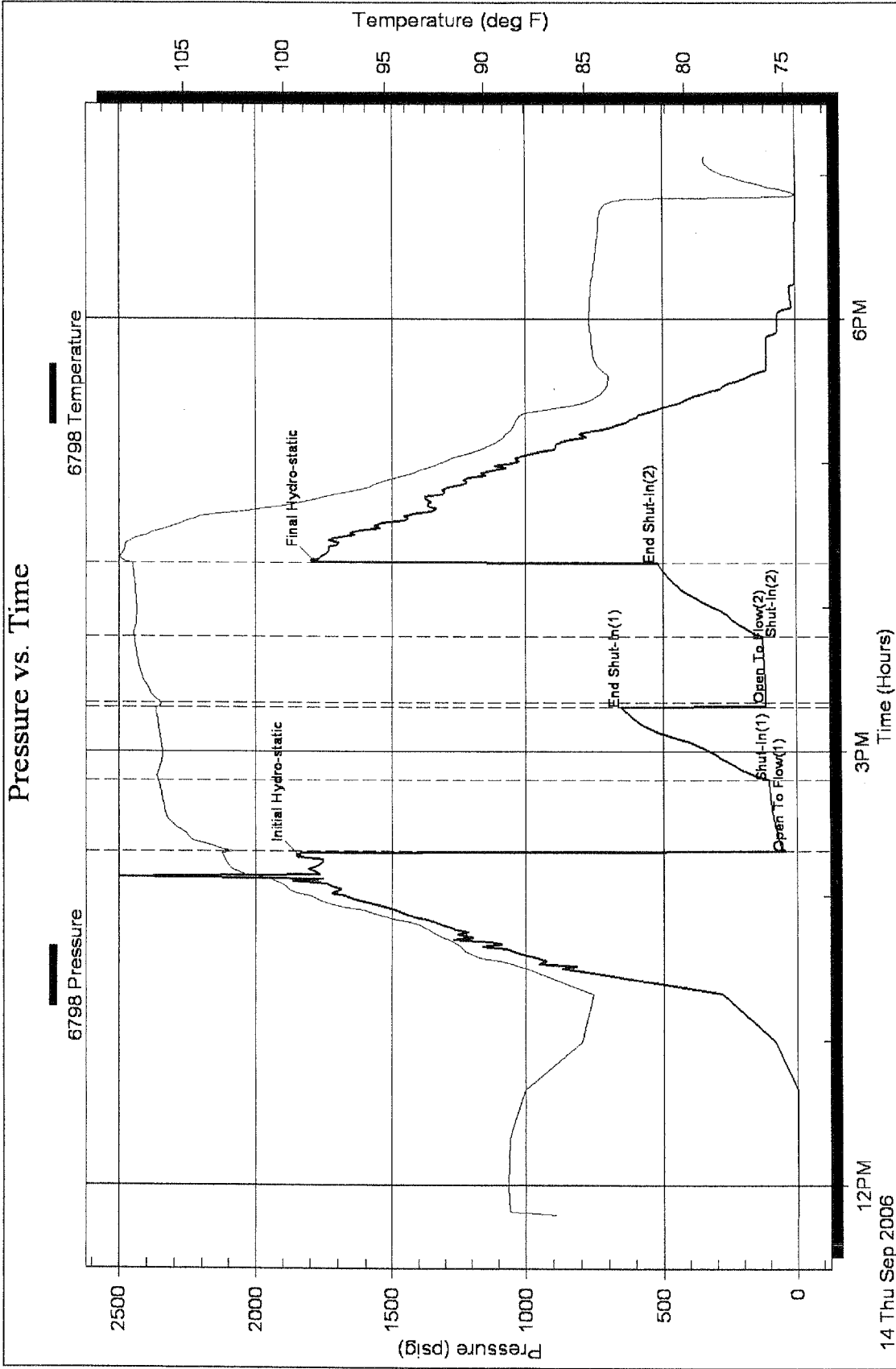
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Inside

T-N-T Engineering, Inc.

32-21s-13w Stafford

DST Test Number: 1



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