

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **John O Farmer Inc**

PO Box 352
Russell KS 67665-2635

ATTN: John O Farmer IV

27 12S15W Russell KS

Mudd#2

Start Date: 2007.02.23 @ 07:02:09

End Date: 2007.02.23 @ 13:59:03

Job Ticket #: 28212 DST #: 1

John O Farmer Inc

Mudd#2

27 12S15W Russell KS

DST # 1

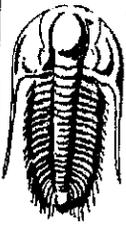
Arbuckle

2007.02.23

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ATTN: John O Farmer IV

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Job Ticket: 28212

DST#: 1

Test Start: 2007.02.23 @ 07:02:09

GENERAL INFORMATION:

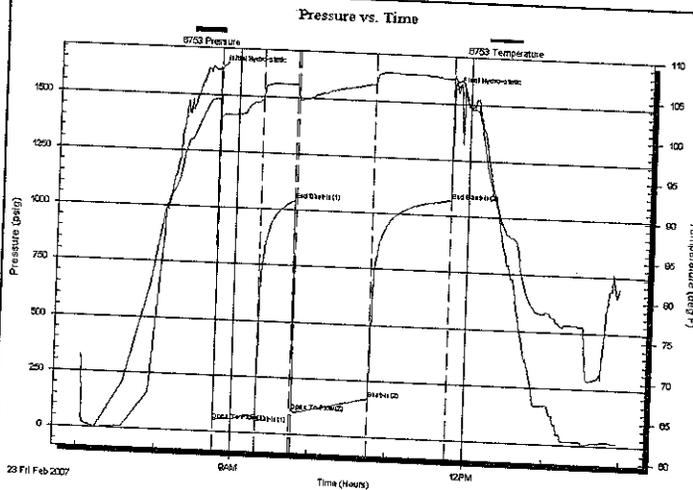
Formation: **Arbuckle**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 08:45:34
 Time Test Ended: 13:59:03
 Interval: **3260.00 ft (KB) To 3294.00 ft (KB) (TVD)**
 Total Depth: **3364.00 ft (KB) (TVD)**
 Hole Diameter: **7.85 inches** Hole Condition: **Fair**

Test Type: **Conventional Straddle**
 Tester: **Ray Schwager**
 Unit No: **28**
 Reference Elevations: **1824.00 ft (KB)**
1816.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6753 **Inside**
 Press@RunDepth: **168.93 psig @ 3261.01 ft (KB)**
 Start Date: **2007.02.23** End Date:
 Start Time: **07:02:09** End Time:

Capacity: **7000.00 psig**
 Last Calib.: **2007.02.23**
 Time On Btm: **2007.02.23 @ 08:45:04**
 Time Off Btm: **2007.02.23 @ 11:47:03**

TEST COMMENT: IFP Wk bl thru-out 1/2 " to 3 1/4 " bl
 FFP Wk bl thru-out surface to 2 " bl
 Times 30 30 60 60
 No bl on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1615.30	103.73	Initial Hydro-static
1	44.80	101.43	Open To Flow (1)
34	81.84	103.81	Shut-In(1)
61	1043.05	105.86	End Shut-In(1)
62	103.19	104.04	Open To Flow (2)
122	168.93	106.20	Shut-In(2)
182	1069.71	107.21	End Shut-In(2)
182	1558.69	107.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Water .26 @ 78F w/show of Oil	1.41
60.00	OCMW 4%O 86%W 10%M	0.84
60.00	OCMW 10%O 50%W 40%M	0.84
60.00	OCM OCM 10% O 90%M	0.84
30.00	MO 78%O 22%M	0.42

Gas Rates

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



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FLUID SUMMARY

John O Farmer Inc
PO Box 352
Russell KS 67665-2635
ATTN: John O Farmer IV

Mudd#2
27 12S15W Russell KS
Job Ticket: 28212 **DST#: 1**
Test Start: 2007.02.23 @ 07:02:09

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 48.00 sec/qt
Water Loss: 9.17 in³
Resistivity: ohm.m
Salinity: 3000.00 ppm
Filter Cake: 2.00 inches

Cushion Type:
Cushion Length:
Cushion Volume: ft
Gas Cushion Type: bbl
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 78000 ppm

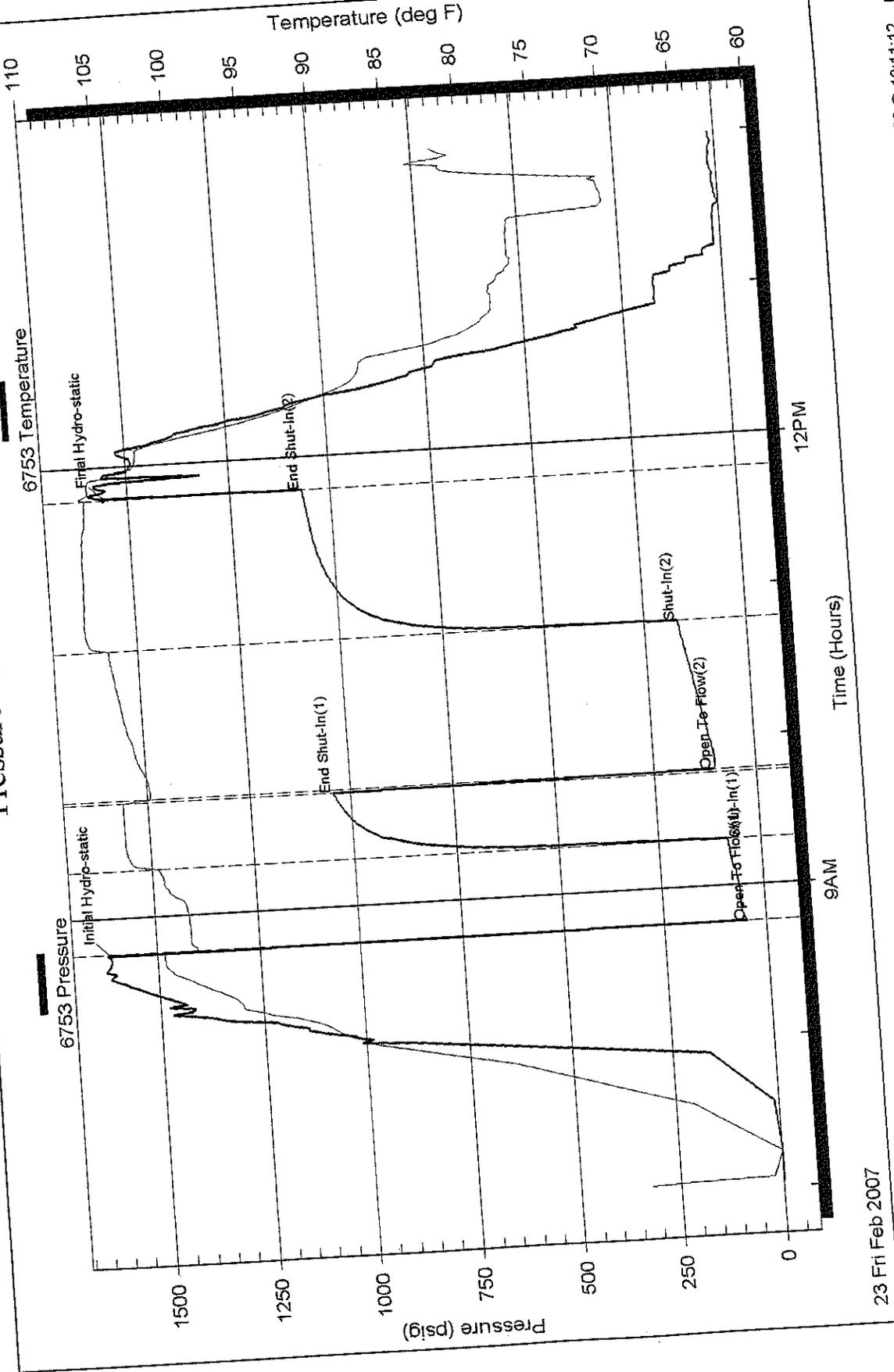
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Water .26 @ 78F w/show of Oil	1.410
60.00	OCMV 4%O 86%W 10%M	0.842
60.00	OCMV 10%O 50%W 40%M	0.842
60.00	OCM OCM 10% O 90%M	0.842
30.00	MO 78%O 22%M	0.421

Total Length: 330.00 ft Total Volume: 4.357 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW .26 @ 78F

Pressure vs. Time



23 Fri Feb 2007

Ref. No: 28212

Trilobite Testing, Inc