

TRILOBITE
TESTING, INC.

KCC
JUN 12 2006
CONFIDENTIAL

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum**

225 N Market Ste 300
Wichita KS 67602

15-195-22351

ATTN: Flip Phillips

32 14S 21W Trego KS

Maier "SC" 1-32

Start Date: 2006.04.21 @ 02:08:17

End Date: 2006.04.21 @ 09:15:45

Job Ticket #: 24779

DST #: 1

RECEIVED

JUN 13 2006

KCC WICHITA

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Pintail Petroleum
225 N Market Ste 300
Wichita KS 67602
ATTN: Flip Phillips

Maier "SC" 1-32
32 14S 21W Trego KS
Job Ticket: 24779 **DST#:** 1
Test Start: 2006.04.21 @ 02:08:17

GENERAL INFORMATION:

Formation: * **Cherokee Sand**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 04:46:15
Time Test Ended: 09:15:45

Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 24

Interval: **3858.00 ft (KB) To 3920.00 ft (KB) (TVD)**
Total Depth: **3920.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2061.00 ft (KB)**
2056.00 ft (CF)
KB to GR/CF: **5.00 ft**

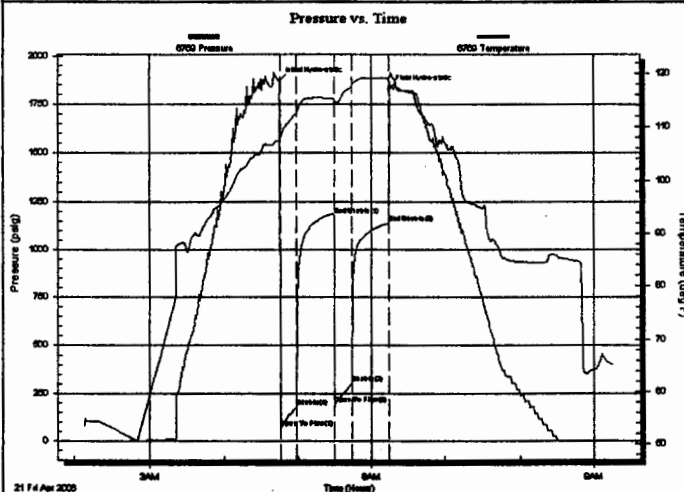
Serial #: 6769

Inside

Press@RunDepth: **303.95 psig @ 3865.01 ft (KB)**
Start Date: **2006.04.21** End Date: **2006.04.21**
Start Time: **02:08:17** End Time: **09:15:45**

Capacity: **7000.00 psig**
Last Calib.: **2006.04.21**
Time On Btm: **2006.04.21 @ 04:45:00**
Time Off Btm: **2006.04.21 @ 06:14:45**

TEST COMMENT: IFP BOB 3"
ISI 8 1/2 in blow back
FFP BOB 3"
FSI 8 in blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1871.38	107.42	Initial Hydro-static
2	70.66	107.85	Open To Flow (1)
14	180.53	112.67	Shut-In(1)
45	1178.59	115.29	End Shut-In(1)
45	194.08	114.98	Open To Flow (2)
60	303.95	117.65	Shut-In(2)
90	1138.41	118.97	End Shut-In(2)
90	1827.31	119.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
335.00	GMCO 40%G 50%O 10% M	4.70
245.00	GMCO 35%G 50%O 15% M	3.44
115.00	GHOCM 5%G 25%O 70% M	1.61

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TOOL DIAGRAM

Pintail Petroleum

Maier "SC" 1-32

225 N Market Ste 300
Wichita KS 67602

32 14S 21W Trego KS

Job Ticket: 24779

DST#: 1

ATTN: Flip Phillips

Test Start: 2006.04.21 @ 02:08:17

Tool Information

Drill Pipe:	Length: 3857.00 ft	Diameter: 3.80 inches	Volume: 54.10 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume:	54.10 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3858.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.02 ft			
Tool Length:	89.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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S.I. Tool	5.00			3836.00	
HYD S.I. Tool	5.00			3841.00	
Jars	5.00			3846.00	
Safety Joint	2.00			3848.00	
Packer	5.00			3853.00	27.00 Bottom Of Top Packer
Packer	5.00			3858.00	
Stubb	1.00			3859.00	
Perforations	5.00			3864.00	
C.O. Sub	1.00			3865.00	
Recorder	0.01	6769	Inside	3865.01	
Blank Spacing	31.00			3896.01	
C.O. Sub	1.00			3897.01	
Perforations	20.00			3917.01	
Recorder	0.01	13548	Outside	3917.02	
Bullnose	3.00			3920.02	62.02 Bottom Packers & Anchor

Total Tool Length: 89.02



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FLUID SUMMARY

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32 14S 21W Trego KS

Job Ticket: 24779

DST#: 1

ATTN: Flip Phillips

Test Start: 2006.04.21 @ 02:08:17

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

45 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.07 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
335.00	GMCO 40%G 50%O 10% M	4.699
245.00	GMCO 35%G 50%O 15% M	3.437
115.00	GHOCM 5%G 25%O 70% M	1.613

Total Length: 695.00 ft

Total Volume: 9.749 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

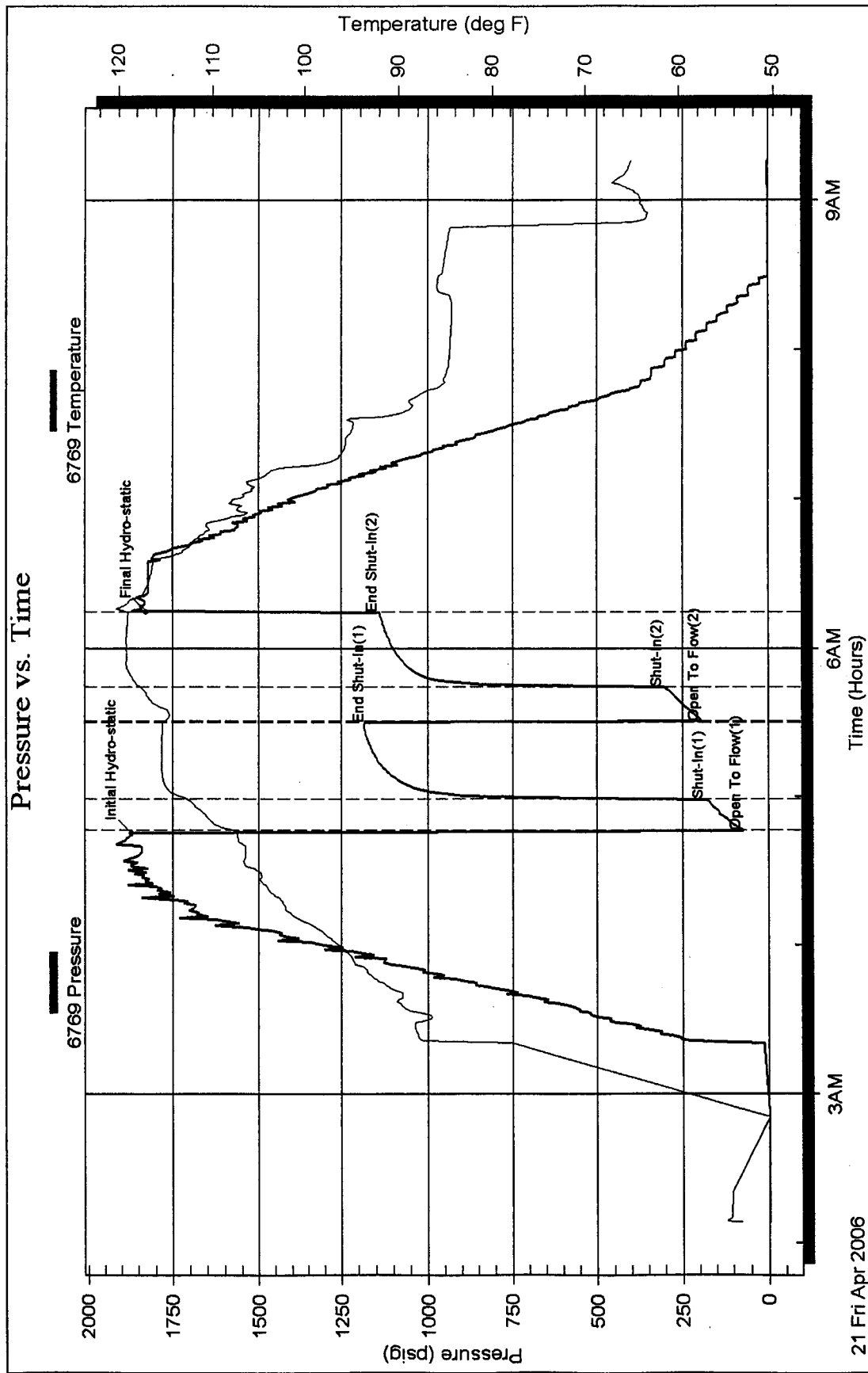
Serial #: 6769

Inside

Pintail Petroleum

32 14S 21W Trego KS

DST Test Number: 1



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Ref. No: 24779

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