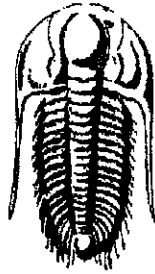


29-14-21 w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum**

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

29 14 21 Trego KS

Schmidt RP 7-29

Start Date: 2007.05.03 @ 18:36:31 ✓

End Date: 2007.05.04 @ 01:19:40

Job Ticket #: 26640

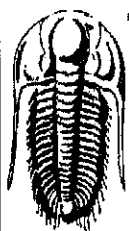
DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

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JUL 18 2007
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Pintail Petroleum
225 N Market Ste 300
Wichita KS 67202
ATTN: Flip Phillips

Schmidt RP 7-29

29 14 21 Trego KS

Job Ticket: 26640

DST#: 1

Test Start: 2007.05.03 @ 18:36:31

GENERAL INFORMATION:

Formation: **Ft. Scott- Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:02:41

Time Test Ended: 01:19:40

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: **3929.00 ft (KB) To 3989.00 ft (KB) (TVD)**

Total Depth: 3989.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2137.00 ft (KB) /
2130.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 6772

Inside

Press@RunDepth: 83.14 psig @ 3930.00 ft (KB)

Start Date: 2007.05.03

End Date:

2007.05.04

Start Time: 18:36:31

End Time:

01:19:40

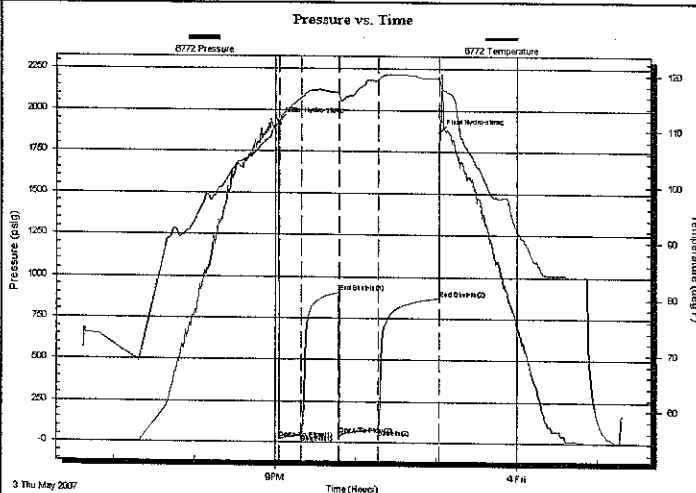
Capacity: 7000.00 psig

Last Calib.: 2007.05.04

Time On Btm: 2007.05.03 @ 21:02:26

Time Off Btm: 2007.05.03 @ 23:02:40

TEST COMMENT: IF BOB in 10 min.
IS No return
FF BOB in 8 min.
FS Surface blow built to 1/4 in 45 min.



PRESSURE SUMMARY

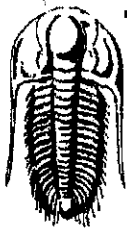
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1927.12	111.54	Initial Hydro-static
1	19.84	110.99	Open To Flow (1)
17	45.87	115.89	Shut-In (1)
45	904.44	116.78	End Shut-In (1)
46	49.70	116.38	Open To Flow (2)
75	83.14	119.16	Shut-In (2)
120	873.84	119.45	End Shut-In (2)
121	1866.07	119.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
64.00	MGO 10%G 50%O 40%M	1.20
93.00	MGO 60%O 40%M	1.75
31.00	Free Oil 100%O	0.58

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Schmidt RP 7-29

29 14 21 Trego KS

Job Ticket: 26640

DST#: 1

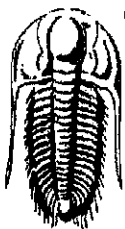
Test Start: 2007.05.03 @ 18:36:31

Tool Information

Drill Pipe:	Length: 3917.00 ft	Diameter: 4.40 inches	Volume: 73.67 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 73.67 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3929.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	87.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			3903.00	
Shut In Tool	5.00			3908.00	
Hydraulic tool	5.00			3913.00	
Jars	5.00			3918.00	
Safety Joint	2.00			3920.00	
Packer	5.00			3925.00	27.00 Bottom Of Top Packer
Packer	4.00			3929.00	
Stubb	1.00			3930.00	
Recorder	0.00	6772	Inside	3930.00	
Perforations	22.00			3952.00	
Change Over Sub	1.00			3953.00	
Drill Pipe	30.00			3983.00	
Change Over Sub	1.00			3984.00	
Recorder	0.00	7437	Outside	3984.00	
Bullnose	5.00			3989.00	60.00 Bottom Packers & Anchor

Total Tool Length: 87.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Pntail Petroleum

Schmidt RP 7-29

225 N Market Ste 300
Wichita KS 67202

29 14 21 Trego KS

Job Ticket: 26640

DST#: 1

ATTN: Flip Phillips

Test Start: 2007.05.03 @ 18:36:31

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 9.18 in³

Resistivity: 0.00 ohm.m

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

38 deg API

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
64.00	MCO 10%G 50%O 40%M	1.204
93.00	MCO 60%O 40%M	1.749
31.00	Free Oil 100%O	0.583

Total Length: 188.00 ft

Total Volume: 3.536 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

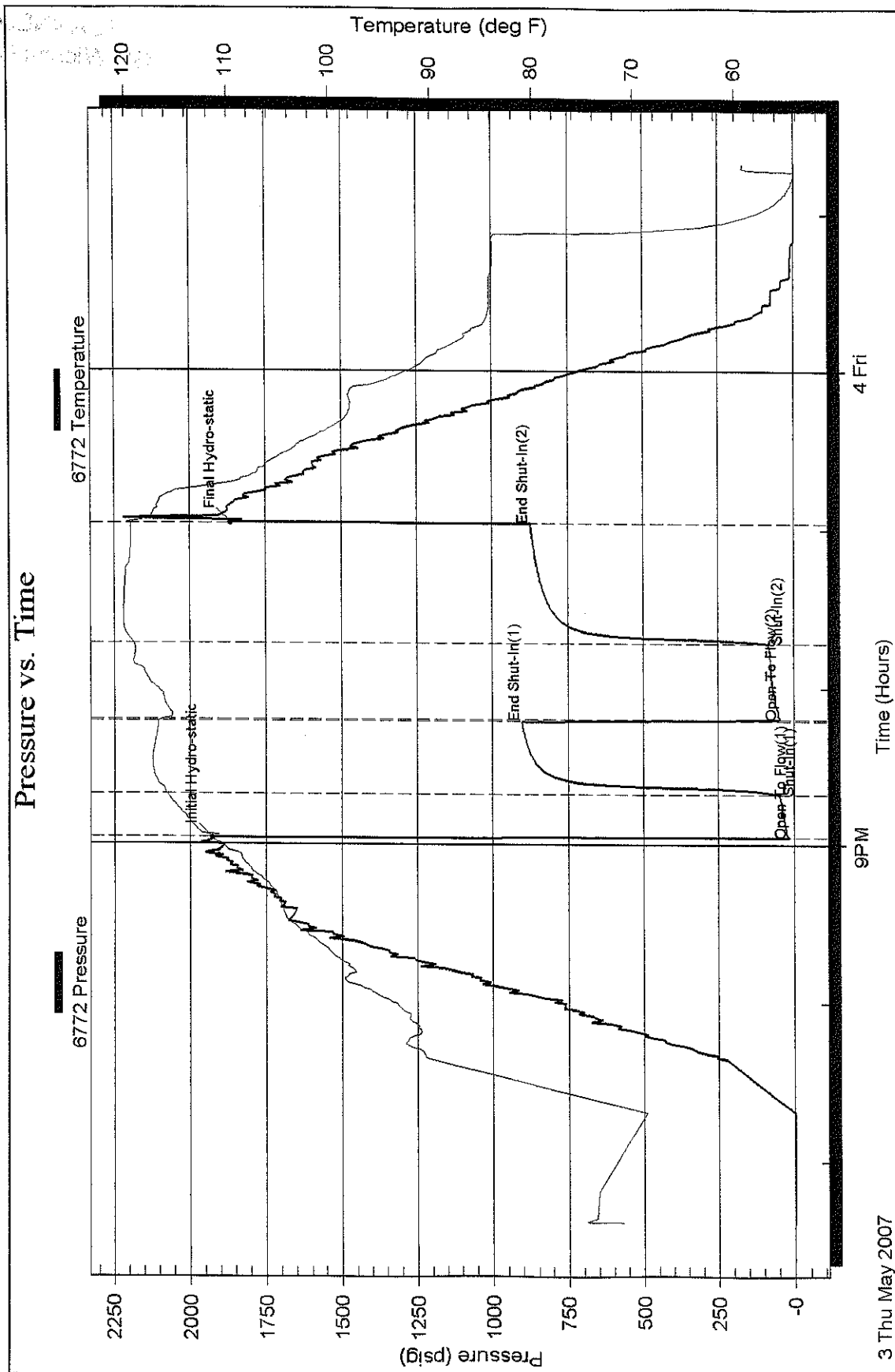
DST Test Number: 1

29 14 21 Trego KS

Inside Pintail Petroleum

Serial #: 6772

Pressure vs. Time



Ref. No: 26640

Trilobite Testing, Inc

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