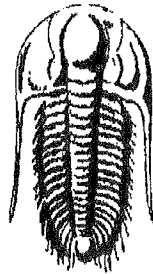


15-195-22446

32-15s-22w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Hess Oil CO**

225 N Market Ste 300
Wichita KS 67202

ATTN: Jamie Hess

32 15 22W Trego KS

Linda #2

Start Date: 2007.05.03 @ 03:28:21

End Date: 2007.05.03 @ 10:18:45

Job Ticket #: 28168

DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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KANSAS CORPORATION COMMISSION
Printed: 2007.05.04 @ 09:58:32 Page 1

AUG 03 2007

Hess Oil CO

Linda #2

32 15 22W Trego KS

DST # 1

Cher Sd

2007.05.03



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Hess Oil CO

225 N Market Ste 300
Wichita KS 67202

ATTN: Jamie Hess

Linda #2

32 15 22W Trego KS

Job Ticket: 28168

DST#: 1

Test Start: 2007.05.03 @ 03:28:21

GENERAL INFORMATION:

Formation: **Cher Sd**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:44:46

Time Test Ended: 10:18:45

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: **4198.00 ft (KB) To 4270.00 ft (KB) (TVD)**

Total Depth: 4270.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2342.00 ft (KB)

2337.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6753

Inside

Press@RunDepth: 1025.69 psig @ 4204.01 ft (KB)

Start Date: 2007.05.03

End Date:

2007.05.03

Start Time: 03:28:21

End Time:

10:18:45

Capacity: 7000.00 psig

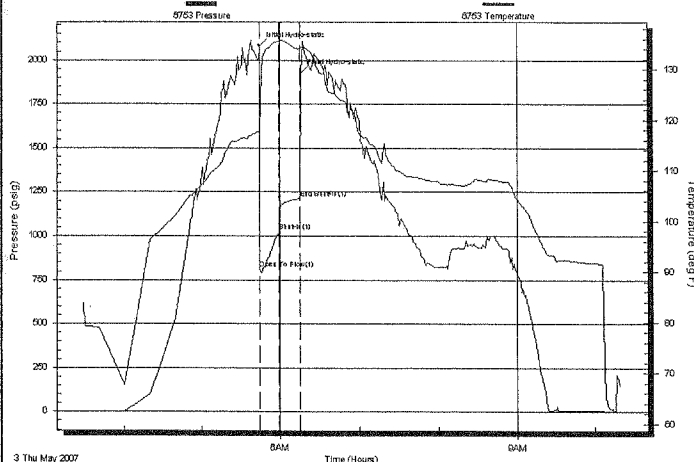
Last Calib.: 2007.05.03

Time On Btm: 2007.05.03 @ 05:44:16

Time Off Btm: 2007.05.03 @ 06:15:46

TEST COMMENT: IFP Strg bl thru-out
Times 15 15-out
1/4 " bl bk

Pressure vs. Time



PRESSURE SUMMARY

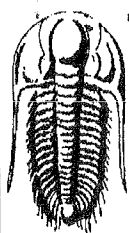
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2080.94	117.64	Initial Hydro-static
1	813.31	117.47	Open To Flow (1)
15	1025.69	135.63	Shut-In (1)
31	1213.72	133.82	End Shut-In (1)
32	1927.98	134.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
145.00	GMO 15%G 20%M 65%O	0.71
125.00	GMO 10%G 45%M 45%O	0.89
2290.00	CO	32.12
0.00	165' GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hess Oil CO

Linda #2

225 N Market Ste 300
Wichita KS 67202

32 15 22W Trego KS

Job Ticket: 28168

DST#:1

ATTN: Jamie Hess

Test Start: 2007.05.03 @ 03:28:21

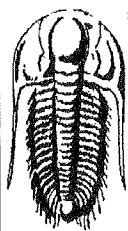
Tool Information

Drill Pipe:	Length: 3962.00 ft	Diameter: 3.80 inches	Volume: 55.58 bbl	Tool Weight:	2200.00 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: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose:	80000.00 lb
		Total Volume:	56.76 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	4198.00 ft			Final	68000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	72.02 ft				
Tool Length:	100.02 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4171.00	
Shut In Tool	5.00			4176.00	
Hydraulic tool	5.00			4181.00	
Jars	5.00			4186.00	
Safety Joint	2.00			4188.00	
Packer	5.00			4193.00	28.00 Bottom Of Top Packer
Packer	5.00			4198.00	
Stubb	1.00			4199.00	
Perforations	5.00			4204.00	
Recorder	0.01	6753	Inside	4204.01	
Blank Spacing	33.00			4237.01	
Recorder	0.01	13534	Outside	4237.02	
Perforations	30.00			4267.02	
Bullnose	3.00			4270.02	72.02 Bottom Packers & Anchor

Total Tool Length: 100.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Hess Oil CO

Linda #2

225 N Market Ste 300
Wichita KS 67202

32 15 22W Trego KS

Job Ticket: 28168

DST#: 1

ATTN: Jamie Hess

Test Start: 2007.05.03 @ 03:28:21

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.96 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
145.00	GMO 15%G 20%M 65%O	0.713
125.00	GMO 10%G 45%M 45%O	0.888
2290.00	CO	32.123
0.00	165' GIP	0.000

Total Length: 2560.00 ft

Total Volume: 33.724 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

32 15 22W Trego KS

Hess Oil CO

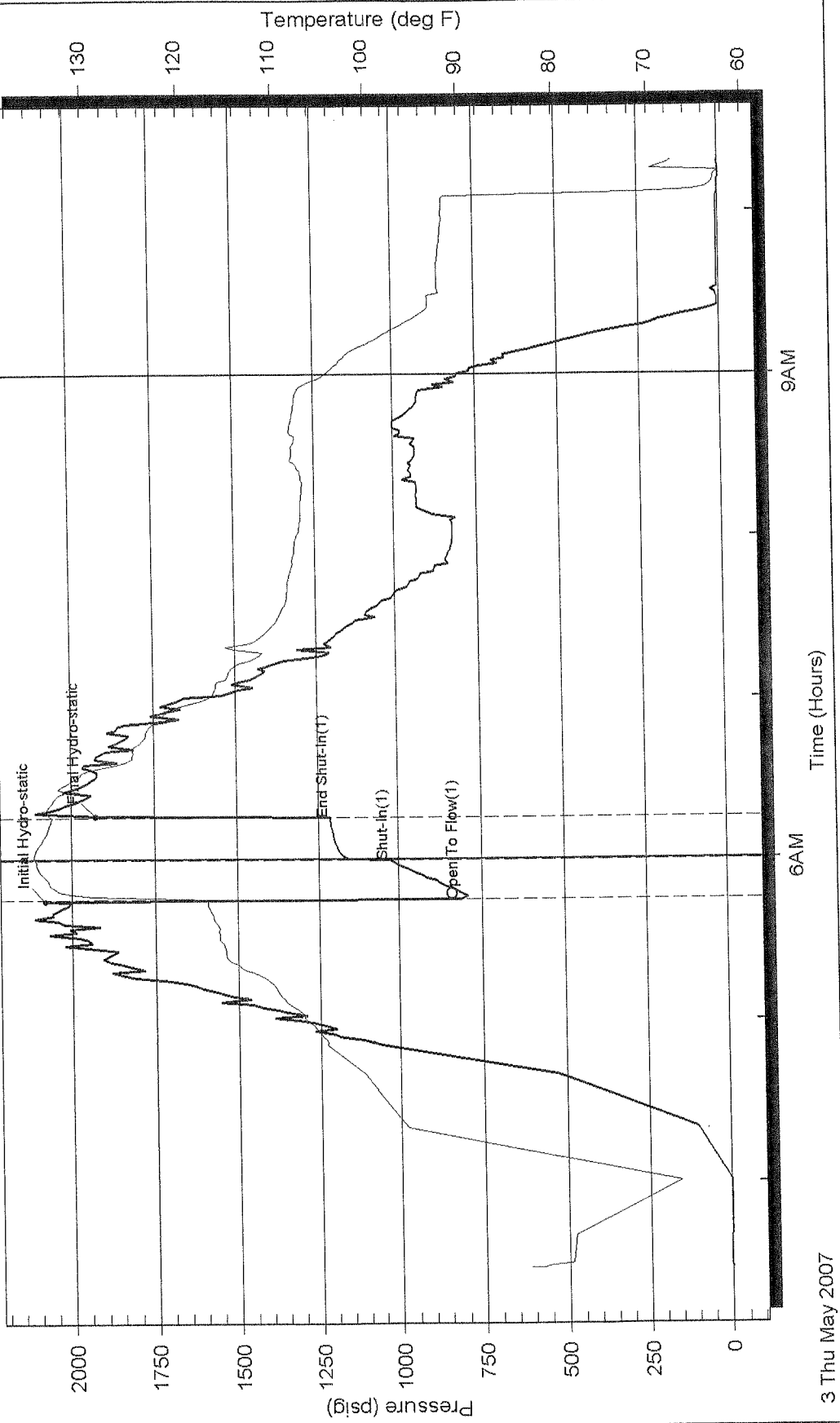
Inside

Serial #: 6753

Pressure vs. Time

6753 Temperature

6753 Pressure



3 Thu May 2007

9AM

Time (Hours)

6AM

Ref. No: 28168

Trilobite Testing, Inc