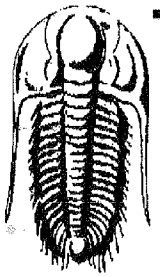
15-051-25822

11-13S-19W



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Cla-Mar**

Po Box 1197
Hays, KS
67601

ATTN: Neal LaFon

11 13 19 Ellis KS

Insley/Price #3

Start Date: 2008.09.08 @ 01:14:41
End Date: 2008.09.08 @ 06:21:05
Job Ticket #: 32466 DST #: 1

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Cla-Mar
Insley/Price #3
11 13 19 Ellis KS
DST # 1
Conglermate
2008.09.08

DRILL STEM TEST REPORT

Cla-Mar

Po Box 1197
Hays, KS
67601
ATTN: Neal LaFon

Insley/Price #3

11 13 19 Ellis KS

Job Ticket: 32466 **DST#: 1**

Test Start: 2008.09.08 @ 01:14:41

GENERAL INFORMATION:

Formation: **Conglermate**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:16:36
Time Test Ended: 06:21:05

Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41

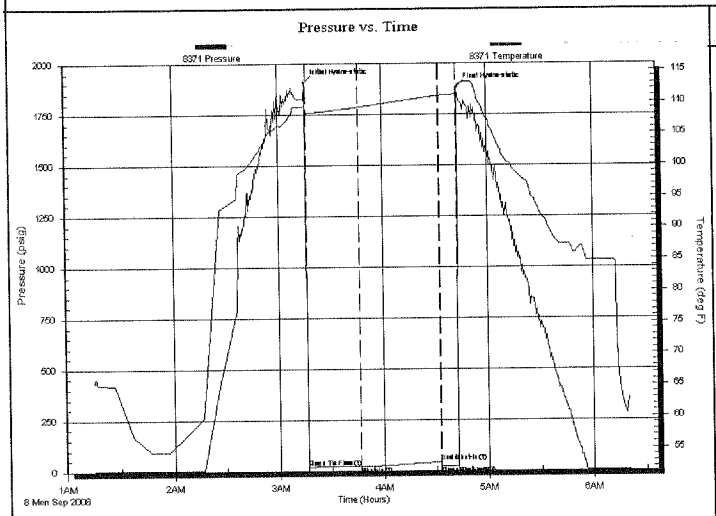
Interval: 3705.00 ft (KB) To 3749.00 ft (KB) (TVD)
Total Depth: 3749.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2125.00 ft (KB)
2120.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8371 **Outside**
Press@RunDepth: 21.24 psig @ 3709.00 ft (KB)
Start Date: 2008.09.08 End Date: 2008.09.08
Start Time: 01:14:41 End Time: 06:21:05

Capacity: 7000.00 psig
Last Calib.: 2008.09.08
Time On Btm: 2008.09.08 @ 03:15:36
Time Off Btm: 2008.09.08 @ 04:43:06

TEST COMMENT: IFP sur blow - died 24 min
ISI no blow back
FFP no blow
TIME 30-45-10



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1907.78	109.28	Initial Hydro-static
1	17.73	107.81	Open To Flow (1)
31	21.24	109.09	Shut-In(1)
77	42.29	110.90	End Shut-In(1)
77	21.13	110.90	Open To Flow (2)
87	20.79	111.15	Shut-In(2)
88	1881.79	112.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud w/ O spts. M100%	0.01

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cla-Mar

Po Box 1197
Hays, KS
67601
ATTN: Neal LaFon

Insley/Price #3

11 13 19 Ellis KS

Job Ticket: 32466 **DST#: 1**

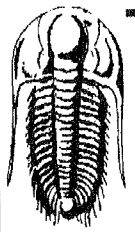
Test Start: 2008.09.08 @ 01:14:41

Tool Information

Drill Pipe:	Length:	3710.00 ft	Diameter:	3.80 inches	Volume:	52.04 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:		40000.00 lb
					Total Volume:	52.04 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		27.00 ft					String Weight:	Initial	35000.00 lb
Depth to Top Packer:		3705.00 ft						Final	35000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		44.00 ft							
Tool Length:		66.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3688.00		
Sampler	2.00			3690.00		
Hydraulic tool	5.00			3695.00		
Packer	5.00			3700.00	22.00	Bottom Of Top Packer
Packer	5.00			3705.00		
Stubb	1.00			3706.00		
Perforations	2.00			3708.00		
Change Over Sub	1.00			3709.00		
Recorder	0.00	8018	Inside	3709.00		
Recorder	0.00	8371	Outside	3709.00		
Blank Spacing	31.00			3740.00		
Change Over Sub	1.00			3741.00		
Perforations	5.00			3746.00		
Bullnose	3.00			3749.00	44.00	Bottom Packers & Anchor
Total Tool Length:	**66.00**					



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Cla-Mar

Po Box 1197
Hays, KS
67601
ATTN: Neal LaFon

Insley/Price #3

11 13 19 Ellis KS

Job Ticket: 32466 **DST#: 1**

Test Start: 2008.09.08 @ 01:14:41

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:	55.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.77 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	inches				

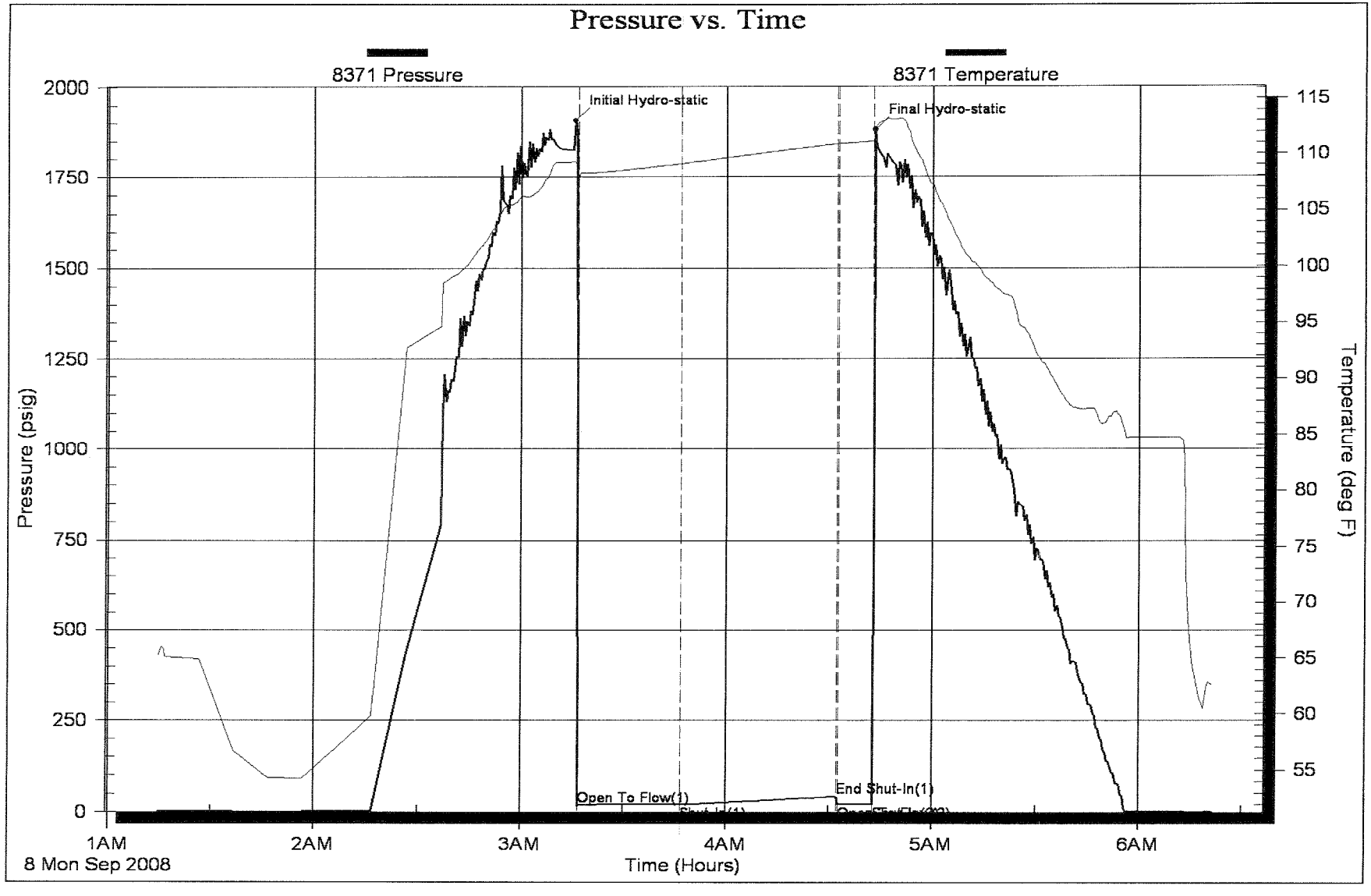
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	mud w / O spts. M100%	0.014

Total Length: 1.00 ft Total Volume: 0.014 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8371 Pressure
8371 Temperature
Initial Hydro-static
Final Hydro-static
Open To Flow(1)
End Shut-In(1)
Pressure (psig)
Temperature (deg F)
Time (Hours)
8 Mon Sep 2008
2000
1750
1500
1250
1000
750
500
250
0
115
110
105
100
95
90
85
80
75
70
65
60
55
1AM
2AM
3AM
4AM
5AM
6AM