15-095-21847

TRILOBITE TESTING, INC.

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DRILL STEM TEST REPORT

Prepared For: **Wildcat Oil & Gas**

10286 S.W. 170th Ave.
Nashville Ks 67112

ORIGINAL

ATTN: Tim Pierce

2-30s-8w Kingman Ks.

Ellis #4

Start Date: 2003.09.02 @ 03:33:48
End Date: 2003.09.02 @ 09:30:33
Job Ticket #: 17141 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Wildcat Oil & Gas
Ellis #4
2-30s-8w Kingman Ks.
DST # 1
Simpson
2003.09.02

ORIGINAL

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Wildcat Oil & Gas

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Nashville Ks 67112

ATTN: Tim Pierce

Ellis #4

2-30s-8w Kingman Ks.

Job Ticket: 17141 **DST#: 1**

Test Start: 2003.09.02 @ 03:33:48

GENERAL INFORMATION:

Formation: **Simpson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:33:03
Time Test Ended: 09:30:33

Test Type: Conventional Bottom Hole
Tester: Gary Pevoteaux
Unit No: 23

Interval: 4591.00 ft (KB) To 4597.00 ft (KB) (TVD)
Total Depth: 4597.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

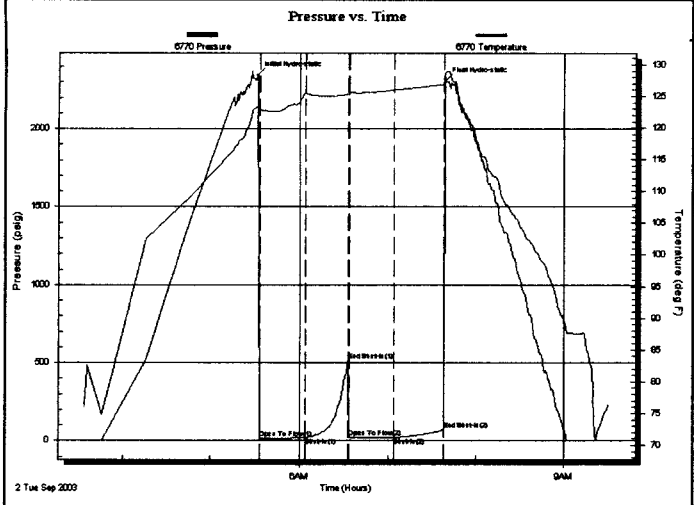
Reference Elevations: 1526.00 ft (KB)
1518.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6770 **Inside**

Press@RunDepth: 19.20 psig @ 4592.00 ft (KB)
Start Date: 2003.09.02 End Date: 2003.09.02
Start Time: 03:33:49 End Time: 09:30:33

Capacity: 7000.00 psig
Last Calib.: 2003.09.02
Time On Btm: 2003.09.02 @ 05:31:33
Time Off Btm: 2003.09.02 @ 07:38:48

TEST COMMENT: IF:Weak blow . 1/4 - 1/2".
ISI:No blow .
FF:No blow .
FSI:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2344.65	123.27	Initial Hydro-static
2	14.38	123.01	Open To Flow (1)
33	17.76	125.47	Shut-In(1)
62	510.62	125.31	End Shut-In(1)
62	18.78	125.31	Open To Flow (2)
93	19.20	125.99	Shut-In(2)
126	68.99	126.89	End Shut-In(2)
128	2306.01	128.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drlg.mud	0.14

Gas Rates

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

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TOOL DIAGRAM

Wildcat Oil & Gas

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2-30s-8w Kingman Ks.

Job Ticket: 17141 **DST#: 1**

Test Start: 2003.09.02 @ 03:33:48

Tool Information

Drill Pipe:	Length:	4590.00 ft	Diameter:	3.80 inches	Volume:	64.39 bbl	Tool Weight:		2100.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:		87000.00 lb
					Total Volume:	64.39 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		26.00 ft					String Weight:	Initial	81000.00 lb
Depth to Top Packer:		4591.00 ft						Final	81000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		6.00 ft							
Tool Length:		33.00 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			4565.00		
Shut In Tool	5.00			4570.00		
Hydraulic tool	5.00			4575.00		
Jars	5.00			4580.00		
Safety Joint	2.00			4582.00		
Packer	4.00			4586.00	27.00	Bottom Of Top Packer
Packer	5.00			4591.00		
Stubb	1.00			4592.00		
Recorder	0.00	6770	Inside	4592.00		
Perforations	3.00			4595.00		
Recorder	0.00	13222	Outside	4595.00		
Bullnose	2.00			4597.00	6.00	Bottom Packers & Anchor
Total Tool Length:	**33.00**					

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FLUID SUMMARY

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Job Ticket: 17141 **DST#: 1**

Test Start: 2003.09.02 @ 03:33:48

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	4000 ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	11.19 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

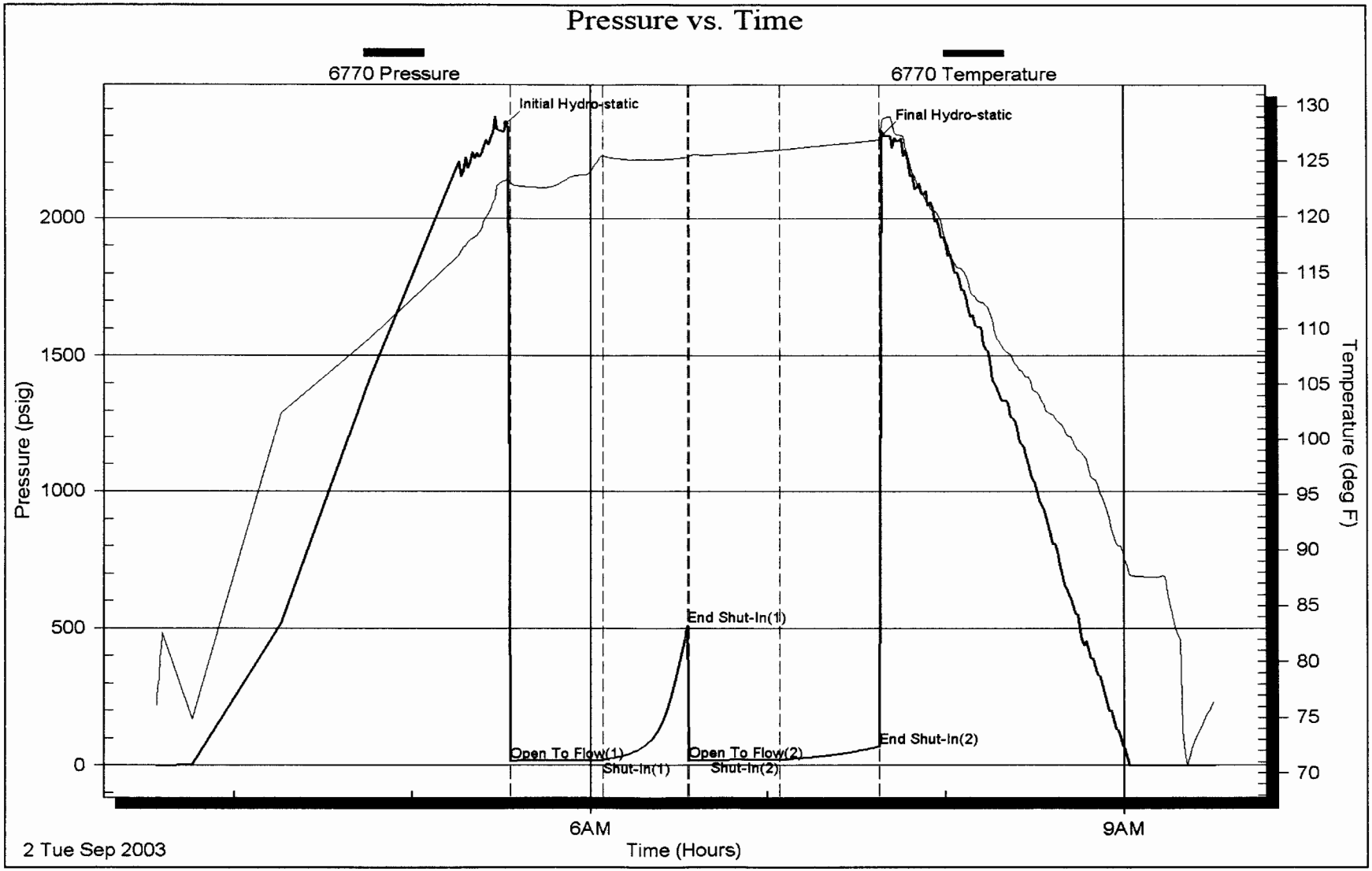
Length ft	Description	Volume bbl
10.00	Drlg.mud	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6770 Pressure
6770 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
2000
1500
1000
500
0
130
125
120
115
110
105
100
95
90
85
80
75
70
Pressure (psig)
Temperature (deg F)
6AM
9AM
2 Tue Sep 2003
Time (Hours)