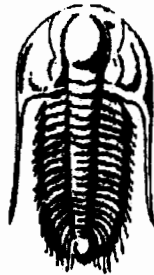


IND



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Daystar Petroleum Inc**

PO Box 360  
Valley Center KS 67147-0360

ATTN: Brad Rine

**21 31 30 Meade KS**

**Land A # 2-21**

Start Date: 2008.06.04 @ 20:00:00

End Date: 2008.06.05 @ 05:31:00

Job Ticket #: 30967                      DST #: 1

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

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Daystar Petroleum Inc

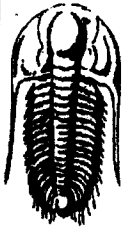
Land A # 2-21

21 31 30 Meade KS

DST # 1

Cherokee

2008.06.04



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Daystar Petroleum Inc  
PO Box 360  
Valley Center KS 67147-0360  
ATTN: Brad Rine

Land A # 2-21  
**21 31 30 Meade KS**  
Job Ticket: 30967      **DST#: 1**  
Test Start: 2008.06.04 @ 20:00:00

## GENERAL INFORMATION:

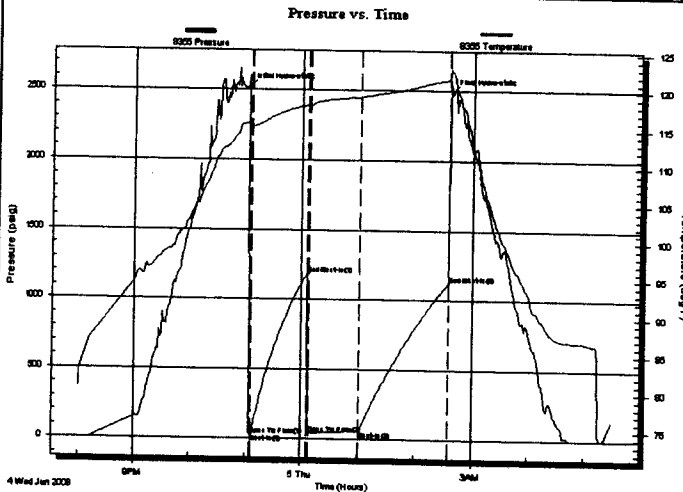
Formation: **Cherokee**  
Deviated: **No** Whipstock:      ft (KB)  
Time Tool Opened: 23:05:15  
Time Test Ended: 05:31:00  
Test Type: Conventional Bottom Hole  
Tester: Harley Davidson  
Unit No: 33  
Interval: **5279.00 ft (KB) To 5366.00 ft (KB) (TVD)**  
Reference Elevations: 2767.00 ft (KB)  
Total Depth: 5366.00 ft (KB) (TVD)      2760.00 ft (CF)  
Hole Diameter: 7.78 inches Hole Condition: Fair      KB to GR/CF: 7.00 ft

Serial #: **8355**      Inside  
Press@RunDepth: 57.31 psig @ 5348.00 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2008.06.04      End Date: 2008.06.05      Last Calib.: 1899.12.30  
Start Time: 20:00:01      End Time: 05:31:00      Time On Btrm: 2008.06.04 @ 23:02:00  
Time Off Btrm: 2008.06.05 @ 02:37:00

TEST COMMENT: IF Strong blow BOB 30 sec.  
ISI No blow back  
FF Strong blow BOB ASAO NO GTS  
FSI No blow back

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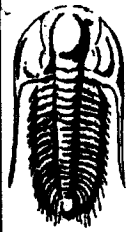
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PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2515.17	115.75	Initial Hydro-static
4	25.81	115.38	Open To Flow (1)
5	27.86	115.33	Shut-In (1)
64	1182.25	118.14	End Shut-In (1)
66	34.63	117.81	Open To Flow (2)
120	57.31	119.19	Shut-In (2)
213	1119.10	121.59	End Shut-In (2)
215	2488.56	122.66	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	4500 GIP	0.00
80.00	3%O 5%G 92%M	0.39

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Daystar Petroleum Inc  
PO Box 360  
Valley Center KS 67147-0360  
ATTN: Brad Fine

Land A # 2-21  
21 31 30 Meade KS  
Job Ticket: 30967      DST#: 1  
Test Start: 2008.06.04 @ 20:00:00

**Tool Information**

Drill Pipe:	Length: 4961.00 ft	Diameter: 3.80 inches	Volume: 69.59 bbl	Tool Weight: 2000.00 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: 307.00 ft	Diameter: 2.25 inches	Volume: 1.51 bbl	Weight to Pull Loose: 80000.00 lb
		<u>Total Volume:</u>	<u>71.10 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	5279.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	87.00 ft			
Tool Length:	110.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5261.00	
Hydraulic tool	5.00			5266.00	
Jars	5.00			5271.00	
Safety Joint	3.00			5274.00	
Packer	5.00			5279.00	23.00      Bottom Of Top Packer
Packer - Shale	4.00			5283.00	
Stubb	1.00			5284.00	
Change Over Sub	1.00			5285.00	
Drill Pipe	62.00			5347.00	
Change Over Sub	1.00			5348.00	
Recorder	0.00	6751	Inside	5348.00	
Recorder	0.00	8355	Inside	5348.00	
Perforations	1.00			5349.00	
Perforations	13.00			5362.00	
Bullnose	4.00			5366.00	87.00      Anchor Tool

**Total Tool Length: 110.00**

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TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Daystar Petroleum Inc  
PO Box 360  
Valley Center KS 67147-0360  
ATTN: Brad Fine

Land A # 2-21  
21 31 30 Meade KS  
Job Ticket: 30967      DST#: 1  
Test Start: 2008.06.04 @ 20:00:00

**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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
0.00	4500 GP	0.000
80.00	3%O 5%G 92%M	0.393

Total Length: 80.00 ft      Total Volume: 0.393 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

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DST Test Number: 1

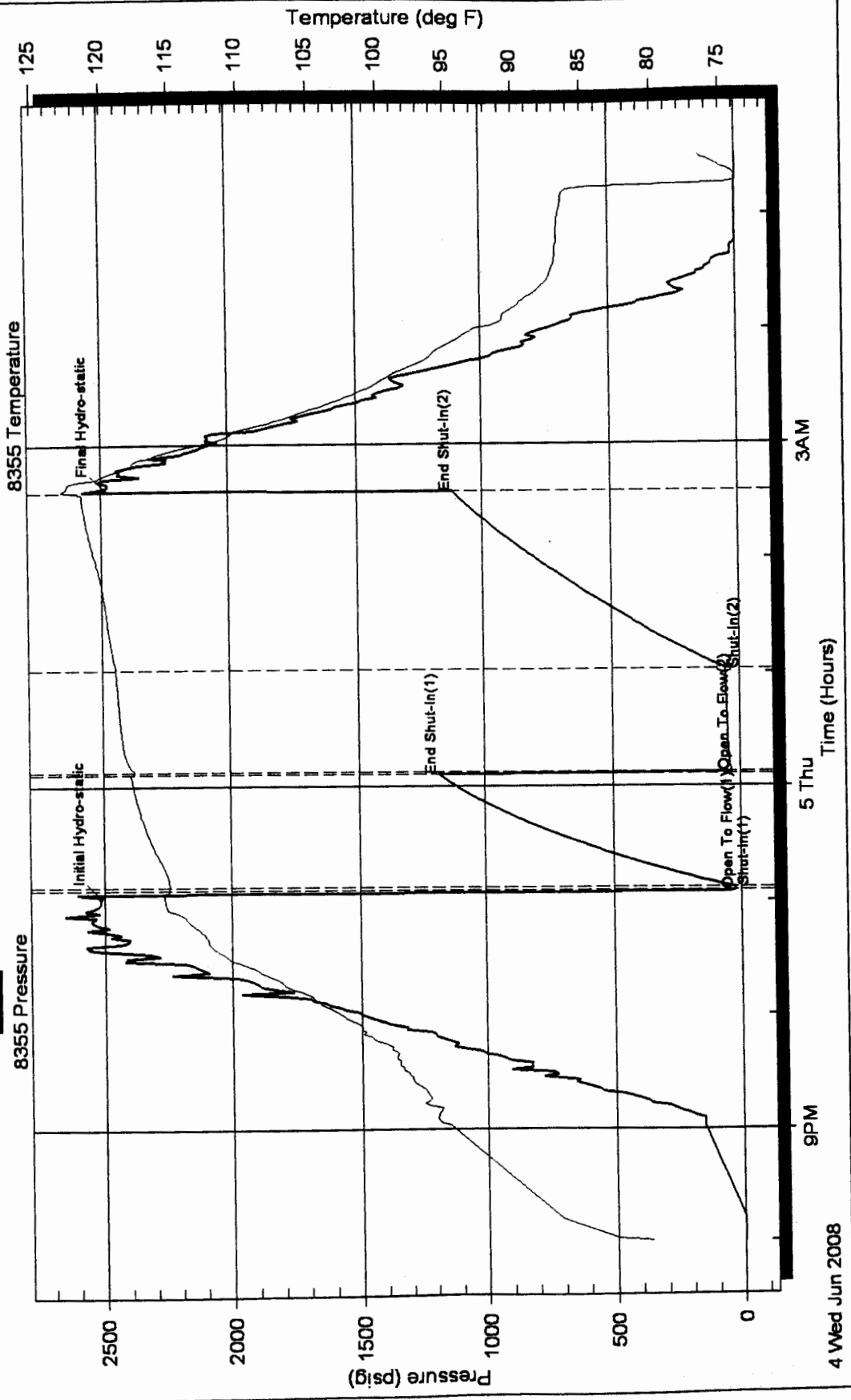
21 31 30 Meade KS

Daystar Petroleum Inc

Inside

Serial #: 8355

### Pressure vs. Time



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