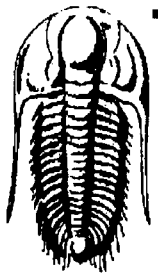


TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Kenneth S. White**

2400 N. Woodlawn Suite 115 Wichita, KS 67220

ATTN: Tom Robinson

34/29/41

Blackstone B-2

Start Date: 2004.07.17 @ 23:30:00

End Date: 2004.07.18 @ 02:30:00

Job Ticket #: 18331 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DRILL STEM TEST REPORT

Kenneth S. White

2400 N. Woodlaw n Suite 115 Wichita, KS 67220

ATTN: Tom Robinson

Blackstone B-2

34/29/41

Job Ticket: 18331 **DST#: 1**

Test Start: 2004.07.17 @ 23:30:00

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:06:00
Time Test Ended: 02:30:00

Test Type: Conventional Bottom Hole
Tester: Chris Hagman
Unit No: 30

Interval: 5440.00 ft (KB) To 5455.00 ft (KB) (TVD)
Total Depth: 5455.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Good

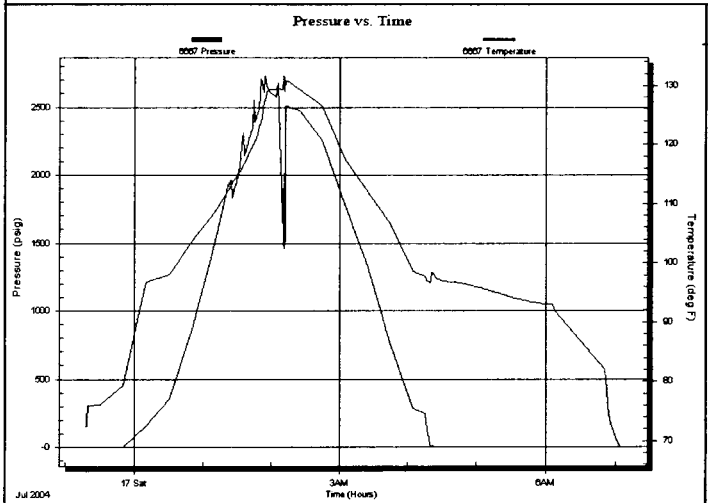
Reference Elevations: 3385.00 ft (KB)
3375.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6667 **Inside**

Press@RunDepth: psig @ 5442.00 ft (KB)
Start Date: 2004.07.16 End Date: 2004.07.17
Start Time: 23:18:17 End Time: 07:04:39

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm:
Time Off Btm:

TEST COMMENT: Set 20000 lbs on tool, tool opened, but packers did not hold.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Kenneth S. White

2400 N. Woodlaw n Suite 115 Wichita, KS 67220

ATTN: Tom Robinson

Blackstone B-2

34/29/41

Job Ticket: 18331 **DST#: 1**

Test Start: 2004.07.17 @ 23:30:00

Tool Information

Drill Pipe:	Length:	4873.00 ft	Diameter:	4.50 inches	Volume:	95.86 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:		20000.00 lb
Drill Collar:	Length:	570.00 ft	Diameter:	2.25 inches	Volume:	2.80 bbl	Weight to Pull Loose:		110000.0 lb
					Total Volume:	98.66 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		33.00 ft					String Weight:	Initial	95000.00 lb
Depth to Top Packer:		5440.00 ft						Final	107000.0 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		15.00 ft							
Tool Length:		45.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

DST # 1 Ran 7-16-01 8:30 PM picked up and made up tool, driller checked the survey tool (its results w ere 7-8 degrees), called Tom Robinson w ho told us to break dow n the tool, so they could trip back

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			5415.00		
Sampler	3.00			5418.00		
Hydraulic tool	5.00			5423.00		
Jars	5.00			5428.00		
Safety Joint	3.00			5431.00		
Packer	5.00			5436.00	30.00	Bottom Of Top Packer
Packer	4.00			5440.00		
Stubb	1.00			5441.00		
Perforations	1.00			5442.00		
Recorder	0.00	6667	Inside	5442.00		
Perforations	10.00			5452.00		
Recorder	0.00	11019	Inside	5452.00		
Bullnose	3.00			5455.00	15.00	Bottom Packers & Anchor
Total Tool Length:	**45.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Kenneth S. White

2400 N. Woodlaw n Suite 115 Wichita, KS 67220

ATTN: Tom Robinson

Blackstone B-2

34/29/41

Job Ticket: 18331 **DST#: 1**

Test Start: 2004.07.17 @ 23:30:00

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:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.98 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	500.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

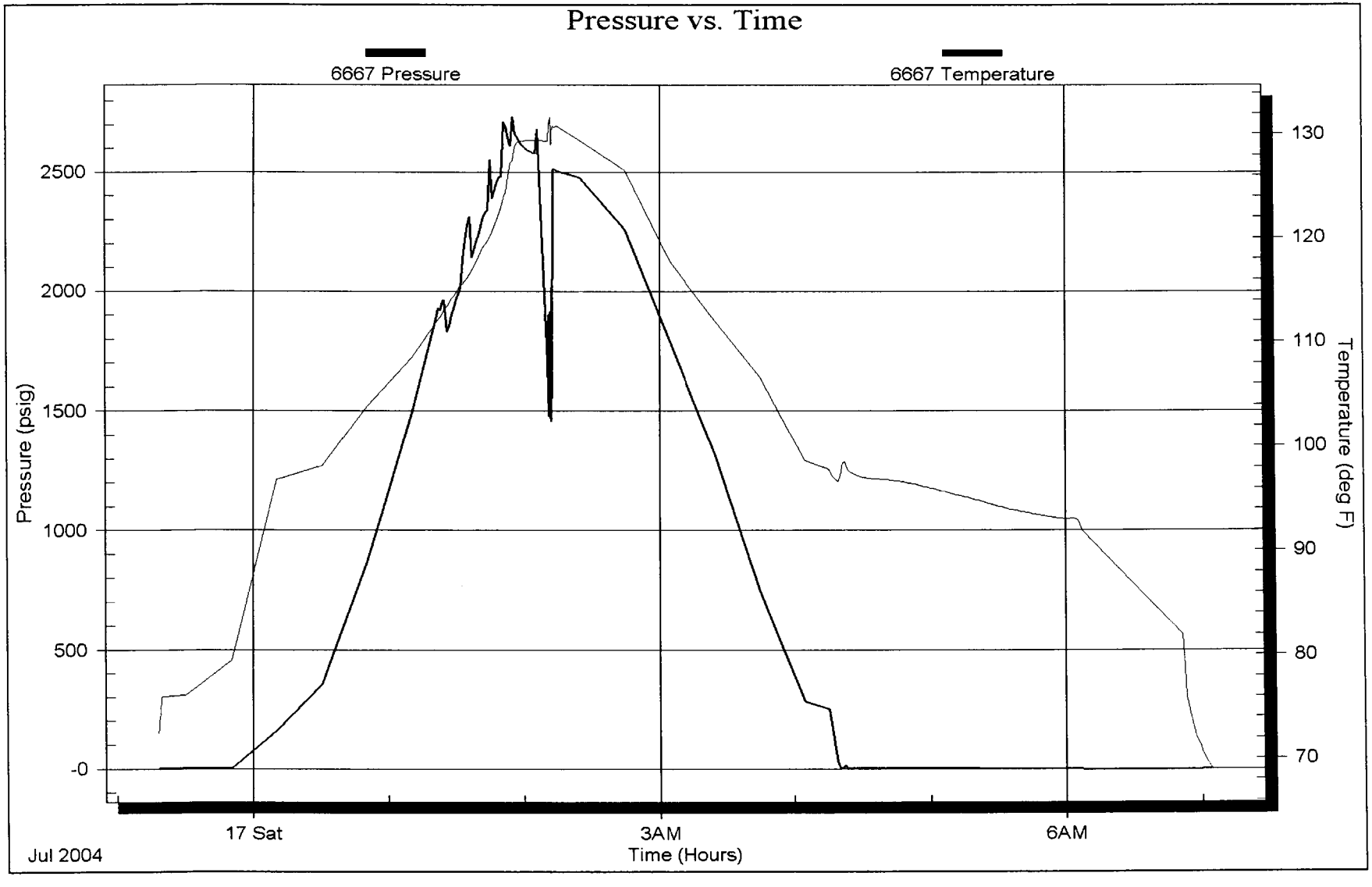
Length ft	Description	Volume bbl

Total Length: ft Total Volume: bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6667 Pressure
6667 Temperature
Pressure (psig)
2500
2000
1500
1000
500
-0
Temperature (deg F)
130
120
110
100
90
80
70
17 Sat
3AM
6AM
Time (Hours)
Jul 2004

INV 6607

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

Nº 18331

05/03

Test Ticket

Well Name & No. Blackstone B-2 Test No. 1 Date 7-16-04

Company Kenneth S. White Zone Tested Morrow

Address 2400 N. Woodlawn, Suite 115 Wichita, KS 67220 Elevation 3385 KB 3375 GL

Co. Rep / Geo. Tom Robinson Cont. Est. Ft. of Pay Por. %

Location: Sec. 34 Twp. 29 Rge. 41 Co. Stanton State KS

No. of Copies Disbtribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 5440-5455 Initial Str Wt./Lbs. 95K Unseated Str Wt/Lbs. 107K

Anchor Length 15' Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 110K

Top Packer Depth 5436 Tool Weight 2000

Bottom Packer Depth 5440 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 5455 Wt. Pipe Run NA Drill Collar Run 570

Mud Wt. 9.2 LCM 6# Vis. 47 WL 8.0 Drill Pipe Size 4.5 XH Ft. Run 4873

Blow Description IF: DST #1 Tool made up, then broke down & laid down due to survey. Planned to trip in, drop survey, trip out, but decided not to. Ran DST #2

ISI: DST 2 We set 20000 lbs. on tool, tool opened,

FF: but packers did not hold. Misrun on DST 2

FSI:

Recovery - Total Feet GIP Ft. in DC Ft. in DP

Rec. Feet of %gas %oil %water %mud

Rec. Feet of %gas %oil %water %mud

Rec. Feet of %gas %oil %water %mud

Rec. Feet of %gas %oil %water %mud

Rec. Feet of %gas %oil %water %mud

BHT °F Gravity °API D @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides ppm System

	AK-1	Alpine				
(A)Initital Hydrostatic Mud		PSI	Recorder No.	6667 (11:18)	Test ✓ MISRUN	750
(B) First Initial Flow Pressure		PSI	(depth)	5442	Elec. Rec. ✓	—
(C) First Final Flow Pressure		PSI	Recorder No.	11019	Jars ✓	200
(D) Initial Shut-In Pressure		PSI	(depth)	5452	Safety Jt. ✓	50
(E) Second Initial Flow Pressure		PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure		PSI	(depth)		Sampler ✓	200
(G) Final Shut-In Pressure		PSI	**Initial Opening**	NO DST	Straddle	
(Q) Final Hydrostatic Mud		PSI	Initial Shut-In	ON LOC 20:00	Ext. Packer	
			Final Flow		Shale Packer TRIP 1	76.50
			Final Shut-In	DST	Mileage ✓ x90 TRIP 2	76.50
			T-On Location	2300	Sub Total:	1353
			T-Started	2330	Std. By 3hrs	90
			T-Open	0206	Other	
			T-Pulled	0230	Total:	$1443
			T-Out	0600		

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Approved By Kelly Wilson

Our Representative

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart