

DRILL STEM TEST REPORT

Prepared For: **Kenneth S White**

2400 N Woodlawn
Suite 115
Wichita, Ks. 67220

ATTN: Tim Laur

27-29s-41w-Stanton

Blackstone C-1

Start Date: 2003.09.10 @ 12:42:00

End Date: 2003.09.10 @ 19:18:45

Job Ticket #: 18662 DST #: 1

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

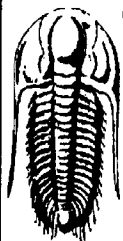
Kenneth S White

Blackstone C-1

27-29s-41w-Stanton

DST # 1

2003.09.10



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Kenneth S White

2400 N Woodlaw n
Suite 115
Wichita, Ks. 67220
ATTN: Tim Laur

Blackstone C-1

27-29s-41w-Stanton

Job Ticket: 18662

DST#: 1

Test Start: 2003.09.10 @ 12:42:00

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:45:00

Time Test Ended: 19:18:45

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 24

Interval: 5399.00 ft (KB) To 5420.00 ft (KB) (TVD)

Total Depth: 5420.00 ft (KB) (TVD)

Hole Diameter: 6.80 inches Hole Condition: Good

Reference Elevations: 3370.00 ft (KB)

3360.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6753

Inside

Press@RunDepth: 32.61 psig @ 5400.00 ft (KB)

Start Date: 2003.09.10

End Date:

2003.09.10

Start Time: 12:42:02

End Time:

19:18:45

Capacity: 7000.00 psig

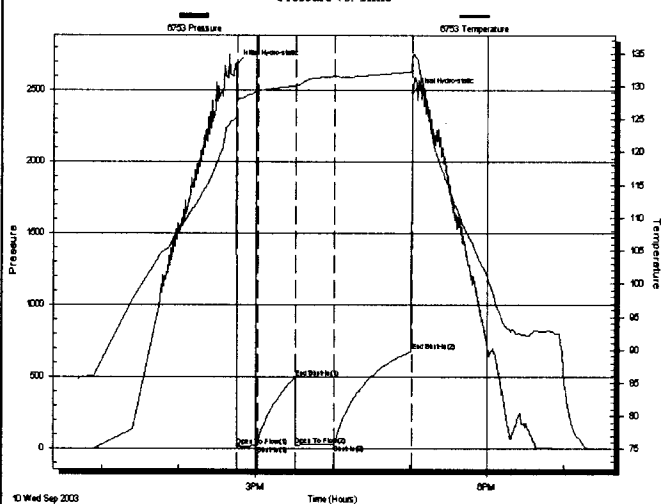
Last Calib.: 1899.12.30

Time On Btm: 2003.09.10 @ 14:44:45

Time Off Btm: 2003.09.10 @ 17:01:30

TEST COMMENT: FFP-Good Blow ,BOB in 8min, No Blow back
FFP- Good Blow , BOB in 6 min, No Blow back

Pressure vs. Time



PRESSURE SUMMARY

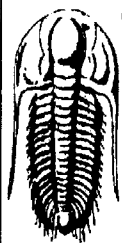
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2684.62	128.01	Initial Hydro-static
1	17.71	127.67	Open To Flow (1)
17	22.86	129.24	Shut-In(1)
46	494.05	130.05	End Shut-In(1)
46	24.45	129.98	Open To Flow (2)
77	32.61	131.52	Shut-In(2)
137	680.28	132.24	End Shut-In(2)
137	2485.81	134.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud With Slight Gas Smell in Pipe	0.10
800.00	Gas in Pipe	6.20

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Kenneth S White

Blackstone C-1

2400 N Woodlaw n
Suite 115
Wichita, Ks. 67220
ATTN: Tim Laur

27-29s-41w-Stanton

Job Ticket: 18662

DST#: 1

Test Start: 2003.09.10 @ 12:42:00

Tool Information

Drill Pipe:	Length: 4811.00 ft	Diameter: 3.80 inches	Volume: 67.49 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 571.00 ft	Diameter: 2.25 inches	Volume: 2.81 bbl	Weight to Pull Loose:	lb
		Total Volume:	70.30 bbl	Tool Chased	ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	lb
Depth to Top Packer:	5399.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	21.00 ft				
Tool Length:	49.00 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			5372.00	
Shut In Tool	5.00			5377.00	
Hydraulic tool	5.00			5382.00	
Jars	5.00			5387.00	
Safety Joint	2.00			5389.00	
Packer	5.00			5394.00	28.00 Bottom Of Top Packer
Packer	5.00			5399.00	
Stubb	1.00			5400.00	
Recorder	0.00	6753	Inside	5400.00	
Perforations	17.00			5417.00	
Recorder	0.00	13252	Outside	5417.00	
Bullnose	3.00			5420.00	21.00 Bottom Packers & Anchor

Total Tool Length: 49.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Kenneth S White

Blackstone C-1

2400 N Woodlaw n

27-29s-41w-Stanton

Suite 115

Job Ticket: 18662

DST#: 1

Wichita, Ks. 67220

Test Start: 2003.09.10 @ 12:42:00

ATTN: Tim Laur

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: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud With Slight Gas Smell in Pipe	0.098
800.00	Gas in Pipe	6.203

Total Length: 820.00 ft

Total Volume: 6.301 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

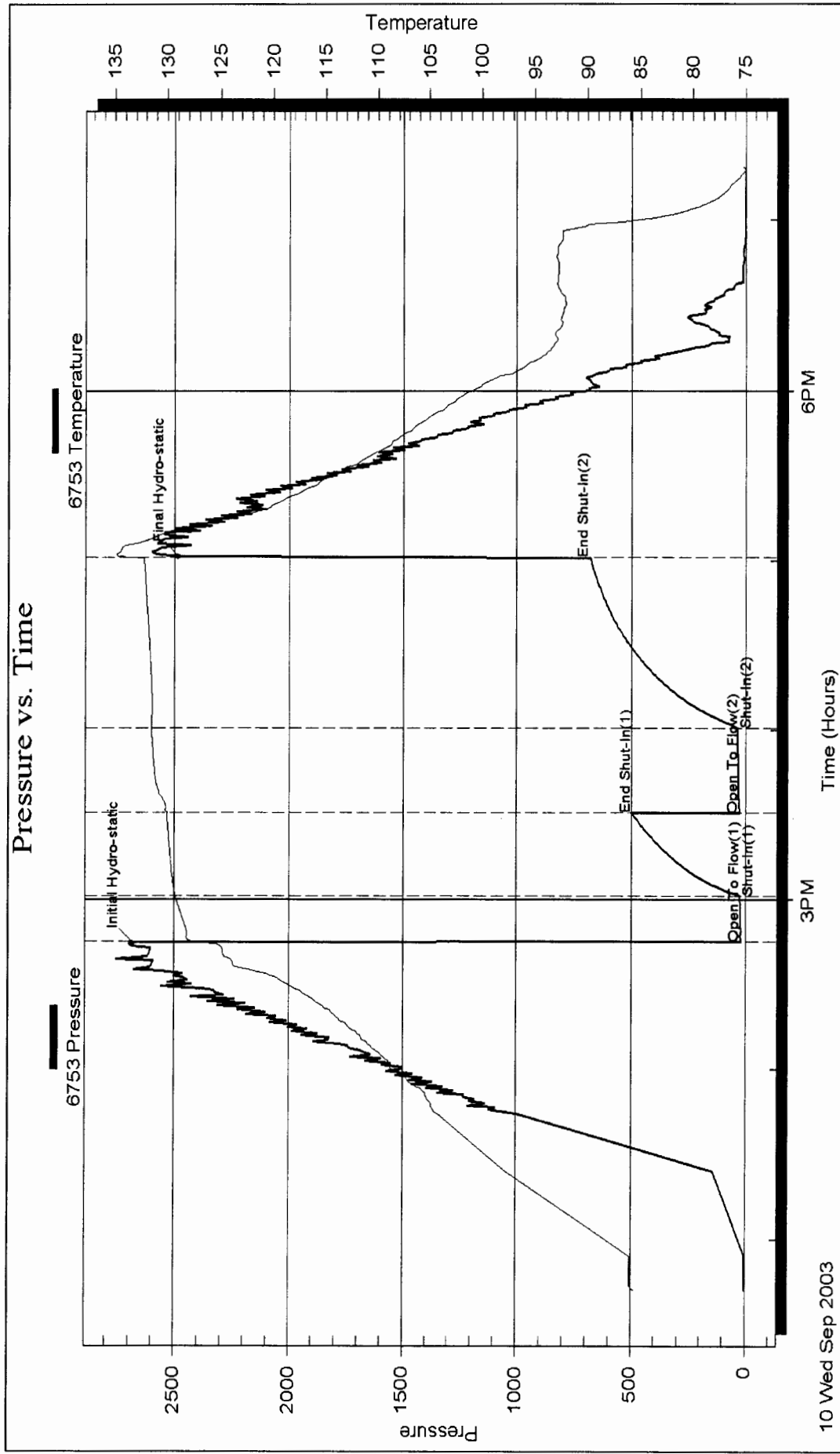
Recovery Comments:

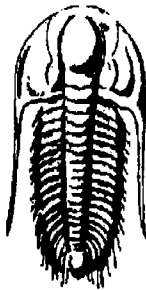
Serial #: 6753

Inside Kenneth S White

27-29s-41w - Stanton

DST Test Number: 1





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Kenneth S White**

2400 N Woodlawn
Suite 115
Wichita, Ks. 67220

ATTN: Tim Laur

27-29s-41w-Stanton

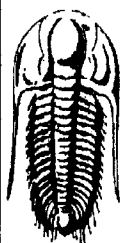
Blackstone C-1

Start Date: 2003.09.11 @ 04:00:12

End Date: 2003.09.11 @ 10:53:42

Job Ticket #: 18663 DST #: 2

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Kenneth S White
2400 N Woodlaw n
Suite 115
Wichita, Ks. 67220
ATTN: Tim Laur

Blackstone C-1

27-29s-41w-Stanton

Job Ticket: 18663 **DST#: 2**

Test Start: 2003.09.11 @ 04:00:12

GENERAL INFORMATION:

Formation: **Keyes Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:24:57

Time Test Ended: 10:53:42

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 24

Interval: **5444.00 ft (KB) To 5465.00 ft (KB) (TVD)**

Total Depth: 5465.00 ft (KB) (TVD)

Hole Diameter: 6.80 inches Hole Condition: Good

Reference Elevations: 3370.00 ft (KB)

3360.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6753 Inside

Press@RunDepth: 19.38 psig @ 5445.00 ft (KB)

Start Date: 2003.09.11

End Date:

2003.09.11

Start Time: 04:00:14

End Time:

10:53:42

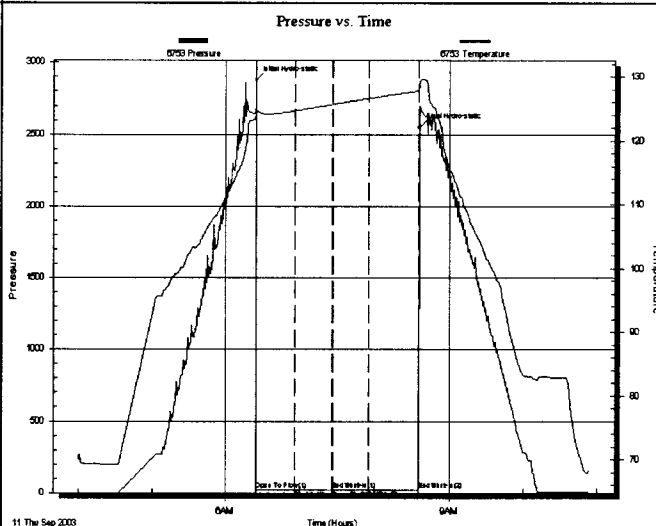
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2003.09.11 @ 06:24:42

Time Off Btm: 2003.09.11 @ 08:35:57

TEST COMMENT: F



PRESSURE SUMMARY

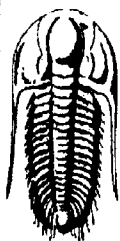
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2876.21	124.91	Initial Hydro-static
1	19.64	124.54	Open To Flow (1)
32	21.89	124.64	Shut-In(1)
62	21.49	125.64	End Shut-In(1)
62	20.99	125.65	Open To Flow (2)
91	19.38	126.59	Shut-In(2)
131	19.92	127.78	End Shut-In(2)
132	2546.53	128.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Kenneth S White

2400 N Woodlaw n
Suite 115
Wichita, Ks. 67220
ATTN: Tim Laur

Blackstone C-1

27-29s-41w-Stanton

Job Ticket: 18663

DST#: 2

Test Start: 2003.09.11 @ 04:00:12

Tool Information

Drill Pipe:	Length: 4875.00 ft	Diameter: 3.80 inches	Volume: 68.38 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 571.00 ft	Diameter: 2.25 inches	Volume: 2.81 bbl	Weight to Pull Loose:	90000.00 lb
			Total Volume: 71.19 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	80000.00 lb
Depth to Top Packer:	5444.00 ft			Final	80000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	21.00 ft				
Tool Length:	49.00 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			5417.00	
Shut In Tool	5.00			5422.00	
Hydraulic tool	5.00			5427.00	
Jars	5.00			5432.00	
Safety Joint	2.00			5434.00	
Packer	5.00			5439.00	28.00 Bottom Of Top Packer
Packer	5.00			5444.00	
Stubb	1.00			5445.00	
Recorder	0.00	6753	Inside	5445.00	
Perforations	17.00			5462.00	
Recorder	0.00	13252	Outside	5462.00	
Bullnose	3.00			5465.00	21.00 Bottom Packers & Anchor

Total Tool Length: 49.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Kenneth S White

Blackstone C-1

2400 N Woodlaw n

27-29s-41w-Stanton

Suite 115

Job Ticket: 18663

DST#: 2

Wichita, Ks. 67220

Test Start: 2003.09.11 @ 04:00:12

ATTN: Tim Laur

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: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 2.00 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:

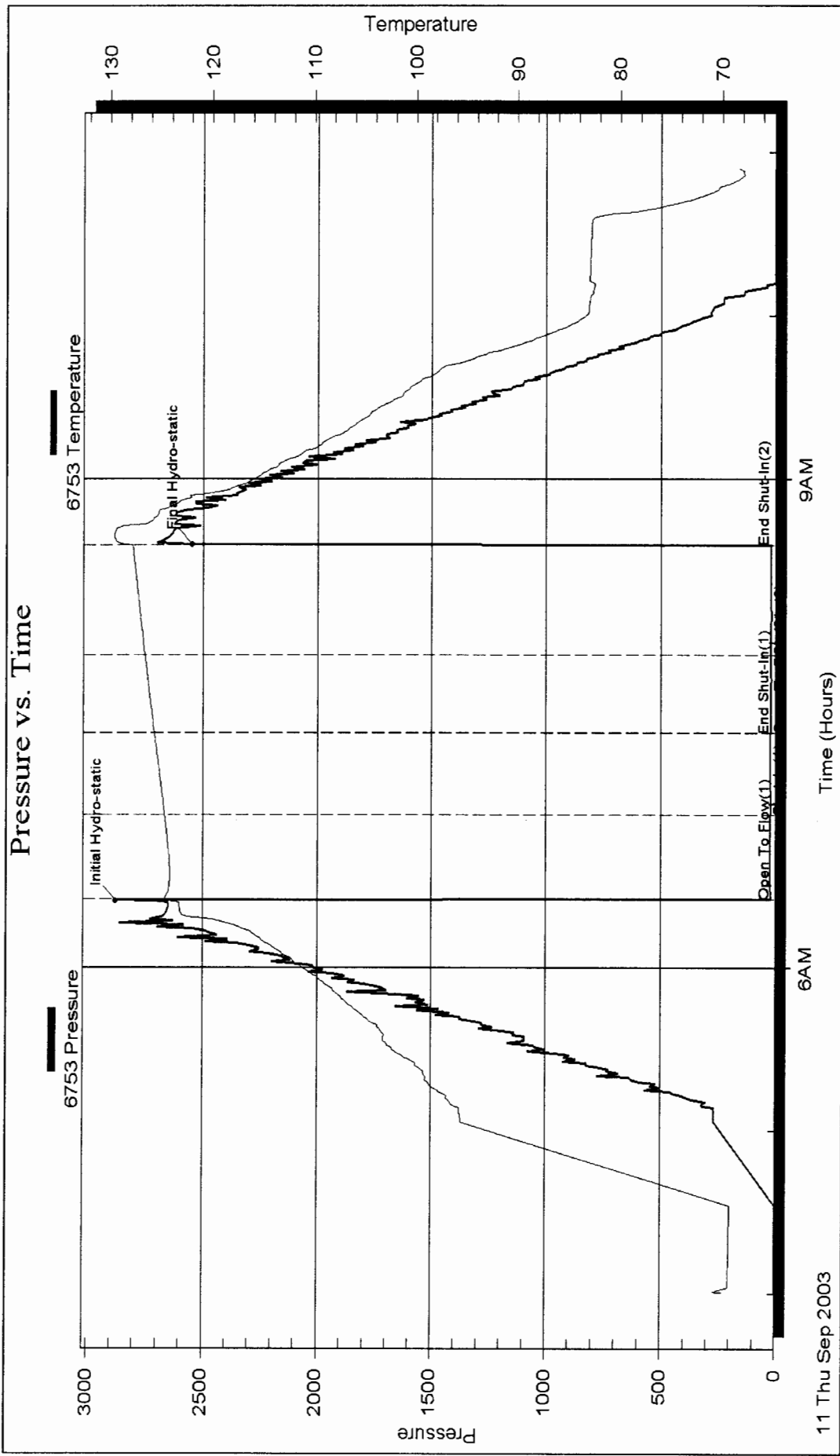
Recovery Comments:

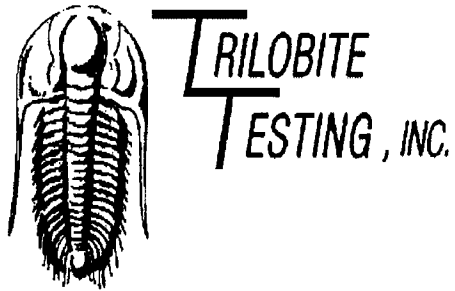
Serial #: 6753

Inside Kenneth S White

27-29s-41w-Stanton

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Kenneth S White**

2400 N Woodlawn
Suite 115
Wichita, Ks. 67220

ATTN: Tim Laur

27-29s-41w-Stanton

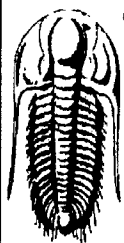
Blackstone C-1

Start Date: 2003.09.12 @ 04:48:07

End Date: 2003.09.12 @ 14:00:07

Job Ticket #: 18664 DST #: 3

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Kenneth S White

2400 N Woodlawn
Suite 115
Wichita, Ks. 67220
ATTN: Tim Laur

Blackstone C-1

27-29s-41w-Stanton

Job Ticket: 18664 DST#: 3

Test Start: 2003.09.12 @ 04:48:07

GENERAL INFORMATION:

Formation: **Marrow Sand-Miss.**

Deviated: **No** Whipstock: ft (KB)

Time Tool Opened: 06:48:52

Time Test Ended: 14:00:07

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 24

Interval: **5400.00 ft (KB) To 5530.00 ft (KB) (TVD)**

Total Depth: 5530.00 ft (KB) (TVD)

Hole Diameter: 6.80 inches Hole Condition: Good

Reference Elevations: 3370.00 ft (KB)

3360.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6753 **Inside**

Press@RunDepth: 414.85 psig @ 5401.00 ft (KB)

Start Date: 2003.09.12

End Date:

2003.09.12

Start Time: 04:48:09

End Time:

14:00:07

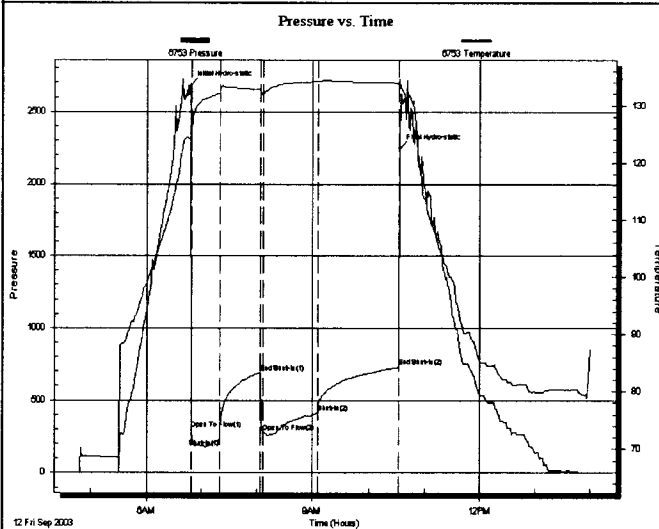
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2003.09.12 @ 06:48:22

Time Off Btm: 2003.09.12 @ 10:32:52

TEST COMMENT: IFP-Strong Blow, BOB immediately, Gas to Surf. in 10 min, Blow back to BOB
FFP-Gas to BOB immediately, Blow down for 15 min, Blow back to BOB



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2680.94	124.21	Initial Hydro-static
1	298.11	125.16	Open To Flow (1)
32	239.21	132.13	Shut-In (1)
76	692.00	132.78	End Shut-In (1)
79	282.24	132.08	Open To Flow (2)
137	414.85	134.25	Shut-In (2)
225	730.00	133.94	End Shut-In (2)
225	2245.16	134.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1125.00	Gassy Oil	10.58

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	15.00	198.32
Last Gas Rate	0.50	8.00	151.10
Max. Gas Rate	0.50	18.00	218.56



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Kenneth S White

Blackstone C-1

2400 N Woodlaw n

27-29s-41w-Stanton

Suite 115

Job Ticket: 18664

DST#: 3

Wichita, Ks. 67220

ATTN: Tim Laur

Test Start: 2003.09.12 @ 04:48:07

Tool Information

Drill Pipe:	Length: 4810.00 ft	Diameter: 3.80 inches	Volume: 67.47 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 571.00 ft	Diameter: 2.25 inches	Volume: 2.81 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume:	70.28 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	5400.00 ft			Final 86000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	130.00 ft			
Tool Length:	158.00 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			5373.00	
Shut In Tool	5.00			5378.00	
Hydraulic tool	5.00			5383.00	
Jars	5.00			5388.00	
Safety Joint	2.00			5390.00	
Packer	5.00			5395.00	28.00 Bottom Of Top Packer
Packer	5.00			5400.00	
Stubb	1.00			5401.00	
Recorder	0.00	6753	Inside	5401.00	
Perforations	30.00			5431.00	
Change Over Sub	1.00			5432.00	
Blank Spacing	94.00			5526.00	
Change Over Sub	1.00			5527.00	
Recorder	0.00	13252	Outside	5527.00	
Bullnose	3.00			5530.00	130.00 Bottom Packers & Anchor

Total Tool Length: 158.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Kenneth S White

Blackstone C-1

2400 N Woodlaw n

27-29s-41w-Stanton

Suite 115

Job Ticket: 18664

DST#: 3

Wichita, Ks. 67220

Test Start: 2003.09.12 @ 04:48:07

ATTN: Tim Laur

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1125.00	Gassy Oil	10.579

Total Length: 1125.00 ft

Total Volume: 10.579 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

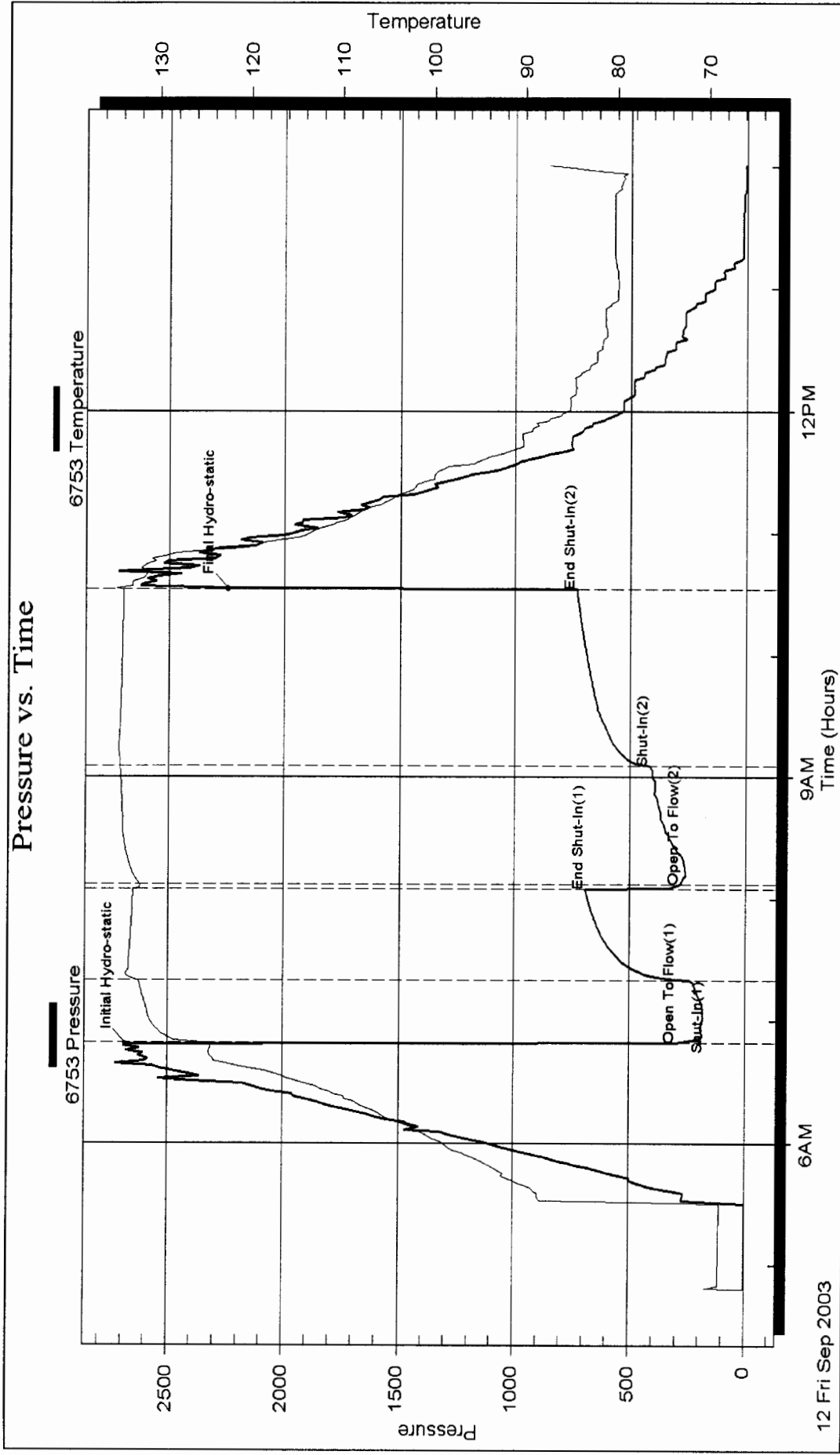
Serial #: 6753

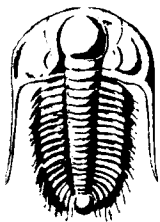
Inside

Kenneth S White

27-29s-41w -Stanton

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

Nº 18662

05/03

Test Ticket

Well Name & No. Blackstone C-1 Test No. 1 Date 9-10-03
 Company Ken White Zone Tested _____
 Address 2400 N Woodlawn Suite 115, Wichita, KS 67220 Elevation 3370 KB 3360 GL _____
 Co. Rep / Geo. Tim Lauer Cont. Murphy #25 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 27 Twp. 29s Rge. 41w Co. Stanton State KS
 No. of Copies Reg Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5399 - 5420 Initial Str Wt./Lbs. 80,000 Unseated Str Wt./Lbs. 85000
 Anchor Length 21' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 88000
 Top Packer Depth 5394 Tool Weight 2000
 Bottom Packer Depth 5399 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ Wt. Pipe Run 0 Drill Collar Run 571
 Mud Wt. 9.2 LCM 6# Vis. 60 WL 7.2 Drill Pipe Size 4 1/2 XH Ft. Run 4811
 Blow Description IFP - Good Blow, BOB in 8 min No Blowback
FFP - Good Blow, BOB in 6 min, No Blowback

Recovery - Total Feet 820 GIP _____ Ft. in DC ✓ Ft. in DP _____
 Rec. 20 Feet of mud, slight gas smell %gas _____ %oil _____ %water _____ %mud _____
 Rec. 800 Feet of gas in pipe %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 133° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 500 ppm System

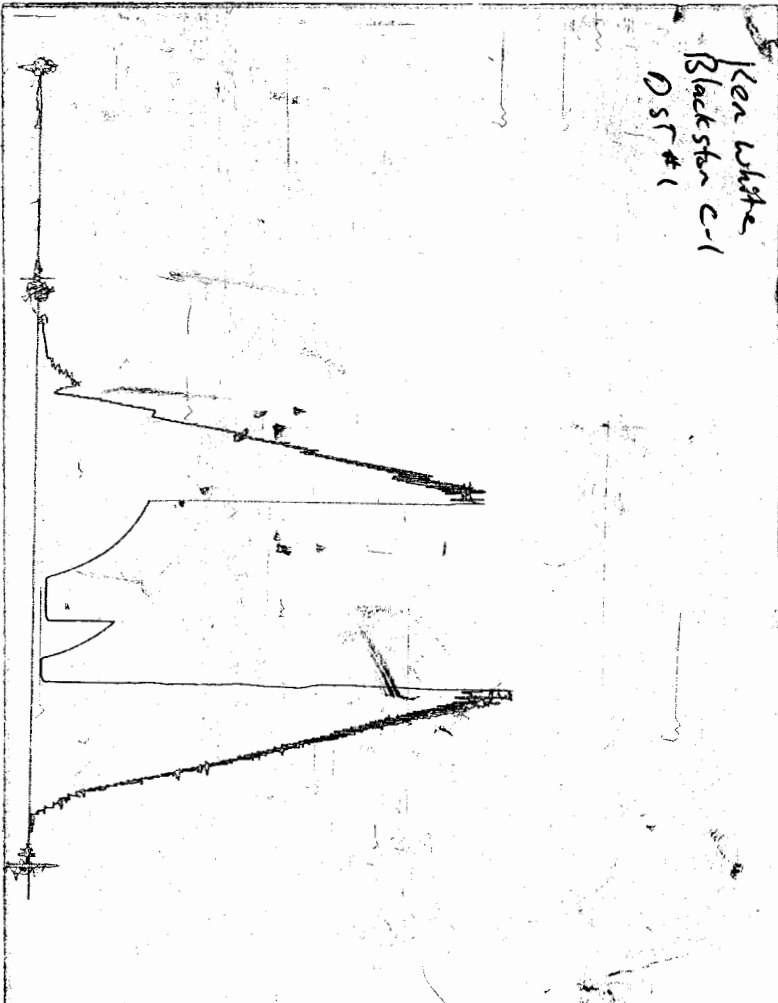
AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2684</u> PSI	<u>6753</u>	<u>✓ 900</u>
(B) First Initial Flow Pressure	<u>18</u> PSI	(depth) <u>5400</u>	Elec. Rec. <u>✓ 150</u>
(C) First Final Flow Pressure	<u>23</u> PSI	Recorder No. <u>13252</u>	Jars <u>✓ 800</u>
(D) Initial Shut-In Pressure	<u>494</u> PSI	(depth) <u>5417</u>	Safety Jt. <u>✓ 50</u>
(E) Second Initial Flow Pressure	<u>24</u> PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure	<u>33</u> PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>680</u> PSI	Initial Opening <u>15</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>2486</u> PSI	Initial Shut-In <u>30</u>	Ext. Packer _____
		Final Flow <u>30</u>	Shale Packer _____
		Final Shut-In <u>60</u>	Mileage <u>23057 57</u>
		T-On Location <u>11:50</u>	Sub Total: <u>1357</u>
		T-Started <u>12:42</u>	Std. By _____
		T-Open <u>14:49</u>	Other _____
		T-Pulled <u>17:04</u>	Total: _____
		T-Out <u>19:23</u>	

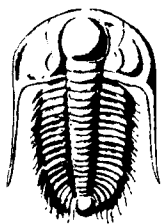
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By [Signature]
 Our Representative Jasen McHenry Thank you

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

Nº 18663

05/03

Test Ticket

Well Name & No. <u>Blackstone C-1</u>	Test No. <u>2</u>	Date <u>9-11-03</u>
Company <u>Ken White</u>	Zone Tested <u>Keyes Sand</u>	
Address <u>2400 N Woodlawn, Suite 115, Wichita, KS 67220</u>	Elevation _____	KB _____ GL _____
Co. Rep / Geo. <u>Tim Lauer</u>	Cont. <u>Murkin #25</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>27</u> Twp. <u>29s</u> Rge. <u>41w</u> Co. <u>Stanton</u> State <u>KS</u>		
No. of Copies <u>Reg</u> Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____		

Interval Tested <u>5444 - 5465</u>	Initial Str Wt./Lbs. <u>80000</u>	Unseated Str Wt./Lbs. <u>80000</u>
Anchor Length <u>21'</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>90000</u>
Top Packer Depth <u>5439</u>	Tool Weight <u>2.000</u>	
Bottom Packer Depth <u>5444</u>	Hole Size <u>7 7/8"</u> ✓	Rubber Size <u>6 3/4"</u> ✓
Total Depth <u>5465</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>571</u>
Mud Wt. <u>9.2</u> LCM <u>6*</u> Vis. <u>60</u> WL <u>7.2</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4875</u>
Blow Description <u>IFP - Weak Surface Blow Died in 8 min</u> <u>FFP - No Blow, Flush tool, No Blow</u>		

Recovery - Total Feet <u>1</u>	GIP _____	Ft. in DC _____	Ft. in DP _____
Rec. <u>1</u>	Feet of <u>Mud in Tool</u>	%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 <u>128</u>	°F Gravity _____	°API D @ _____	°F Corrected Gravity _____ °API _____
RW _____	@ _____ °F	Chlorides _____ ppm Recovery _____	Chlorides <u>500</u> ppm System _____

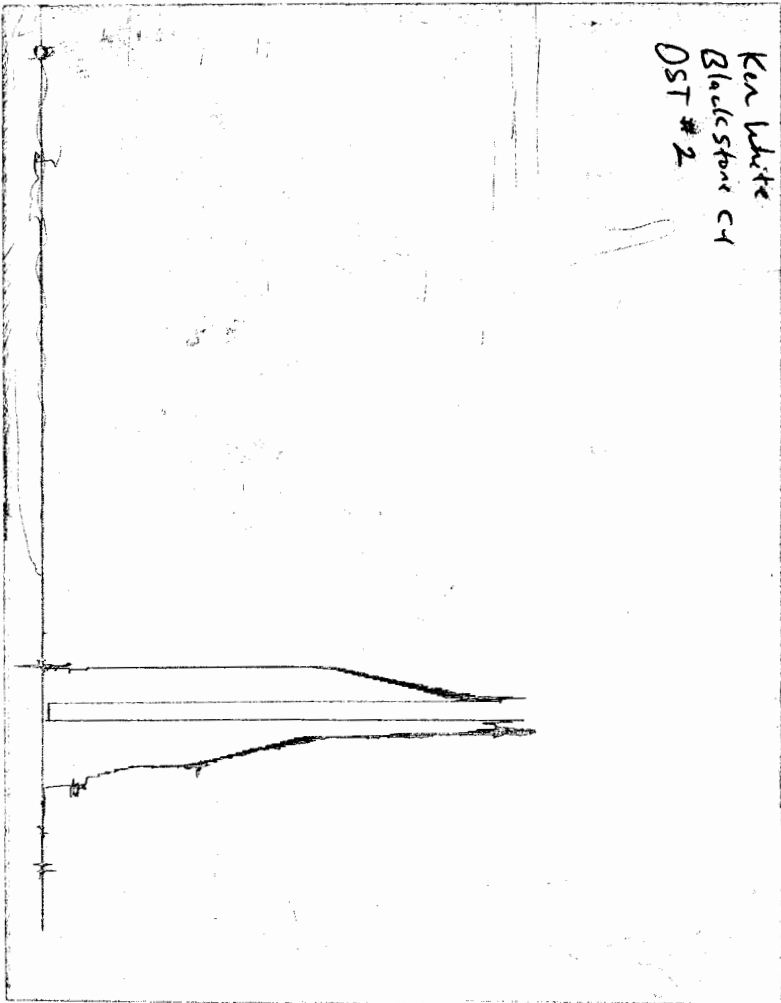
(A) Initial Hydrostatic Mud	AK-1 <u>2876</u> PSI	Alpine <u>6753</u>	Recorder No. <u>5445</u>	Test <u>✓</u> <u>900</u>
(B) First Initial Flow Pressure	<u>19.6</u> PSI		(depth) <u>5445</u>	Elec. Rec. <u>150</u>
(C) First Final Flow Pressure	<u>21.8</u> PSI	Recorder No. <u>13252</u>		Jars <u>✓</u> <u>200</u>
(D) Initial Shut-In Pressure	<u>21.4</u> PSI	(depth) <u>5462</u>		Safety Jt. <u>✓</u> <u>50</u>
(E) Second Initial Flow Pressure	<u>20.9</u> PSI	Recorder No. _____		Circ Sub _____
(F) Second Final Flow Pressure	<u>19.3</u> PSI	(depth) _____		Sampler _____
(G) Final Shut-In Pressure	<u>19.9</u> PSI	Initial Opening <u>30</u>		Straddle _____
(Q) Final Hydrostatic Mud	<u>2546</u> PSI	Initial Shut-In <u>30</u>		Ext. Packer _____
		Final Flow <u>30</u>		Shale Packer _____
		Final Shut-In <u>30</u>		Mileage <u>7</u> <u>7</u>
		T-On Location <u>3:15</u>		Sub Total: <u>1307</u>
		T-Started <u>4:00</u>		Std. By _____
		T-Open <u>6:25</u>		Other _____
		T-Pulled <u>8:35</u>		Total: _____
		T-Out <u>10:52</u>		

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

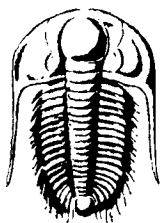
Approved By [Signature]
Our Representative Gerson Mc Lamey

CHART PAGE

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



55-1275
05/03



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

Nº 18664

Test Ticket

Well Name & No. <u>Black Stone C-1</u>	Test No. <u>3</u>	Date <u>9-12-63</u>
Company <u>Ken White</u>	Zone Tested _____	
Address <u>2400 N Woodlawn, Suite 115, Wichita, Ks. 67224</u>	Elevation <u>3370</u>	KB <u>3360</u> GL _____
Co. Rep / Geo. <u>Tim Lauer</u>	Cont. <u>Murfin #25</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>27</u> Twp. <u>29s</u> Rge. <u>41w</u> Co. <u>Stanton</u> State <u>KS</u>		
No. of Copies <u>Reg</u> Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____		

Interval Tested <u>5400 - 5530</u>	Initial Str Wt./Lbs. <u>80000</u>	Unseated Str Wt./Lbs. <u>86000</u>
Anchor Length <u>130'</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>90000</u>
Top Packer Depth <u>5395</u>	Tool Weight <u>3000</u>	
Bottom Packer Depth <u>5400</u>	Hole Size <u>7 7/8"</u> ✓	Rubber Size <u>6 3/4"</u> ✓
Total Depth <u>5530</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>571</u>
Mud Wt. <u>9.3</u> LCM <u>5#</u> Vis. <u>57</u> WL <u>7.6</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4810</u>
Blow Description <u>IFP - Strong, BOB im, Gas to surface in 10 min, Blow back to BOB;</u> <u>FFP - Gas to BOB im, Blowdown 15 min, Blow back BOB</u>		

Recovery - Total Feet <u>1125</u>	GIP _____	Ft. in DC _____	Ft. in DP _____
Rec. <u>1125</u>	Feet of <u>gassy oil</u>	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
BHT <u>133</u>	°F Gravity <u>41</u>	°API D @ <u>90</u>	°F Corrected Gravity _____
RW _____	@ _____	°F Chlorides _____	ppm Recovery _____
		Chlorides <u>500</u>	ppm System _____

(A) Initial Hydrostatic Mud	AK-1 <u>2680</u>	Alpine PSI	Recorder No. <u>6753</u>	Test <u>✓</u> <u>900</u>
(B) First Initial Flow Pressure	<u>298</u>	PSI	(depth) <u>5401</u>	Elec. Rec. <u>✓</u> <u>150</u>
(C) First Final Flow Pressure	<u>239</u>	PSI	Recorder No. <u>13252</u>	Jars <u>✓</u> <u>200</u>
(D) Initial Shut-In Pressure	<u>692</u>	PSI	(depth) <u>5527</u>	Safety Jt. <u>✓</u> <u>50</u>
(E) Second Initial Flow Pressure	<u>282</u>	PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure	<u>414</u>	PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>730</u>	PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>2245</u>	PSI	Initial Shut-In <u>45</u>	Ext. Packer _____
			Final Flow <u>60</u>	Shale Packer _____
			Final Shut-In <u>90</u>	Mileage <u>7</u> <u>7</u>
			T-On Location <u>4:15</u>	Sub Total: <u>1307</u>
			T-Started <u>4:48</u>	Std. By _____
			T-Open <u>6:50</u>	Other _____
			T-Pulled <u>10:35</u>	Total: _____
			T-Out <u>14:00</u>	

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By [Signature]

Our Representative [Signature] *Thank You*

CHART PAGE

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

