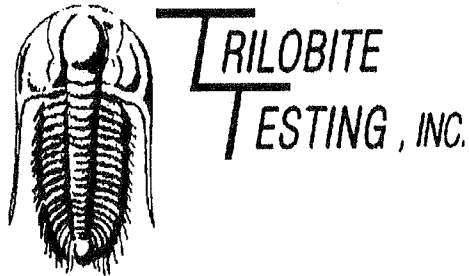


15-051-25585

32-115-19w

32-115-19w
SW NE NE



DRILL STEM TEST REPORT

Prepared For: **IA Operating Inc**

900 N Tyler Rd #14
Wichita KS 67212

ATTN: Randy Kilian

32 11S 19S Ellis KS

Solomon Unit #32-1

Start Date: 2006.12.04 @ 01:52:40

End Date: 2006.12.04 @ 09:47:00

Job Ticket #: 26063 DST #: 1

KCC
FEB 08 2007
CONFIDENTIAL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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KANSAS CORPORATION COMMISSION
Printed: 2006.12.07 @ 12:15:58 Page 1
FEB 08 2007

CONSERVATION DIVISION
WICHITA, KS

IA Operating Inc

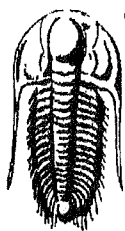
Solomon Unit #32-1

32 11S 19S Ellis KS

DST # 1

Arbuckle

ZUUB.12.04



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

IA Operating Inc

900 N Tyler Rd #14
Wichita KS 67212

ATTN: Randy Kilian

Solomon Unit #32-1

32 11S 19S Ellis KS

Job Ticket: 26063

DST#: 1

Test Start: 2006.12.04 @ 01:52:40

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:55:30

Time Test Ended: 09:47:00

Test Type: Conventional Straddle

Tester: Jake Fahrenbruch

Unit No: 22

Interval: **3551.00 ft (KB) To 3590.00 ft (KB) (TVD)**

Total Depth: 3650.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2033.00 ft (KB)

2028.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6799

Inside

Press@RunDepth: 794.53 psig @ 3552.00 ft (KB)

Start Date: 2006.12.04

End Date: 2006.12.04

Start Time: 01:52:42

End Time: 09:47:00

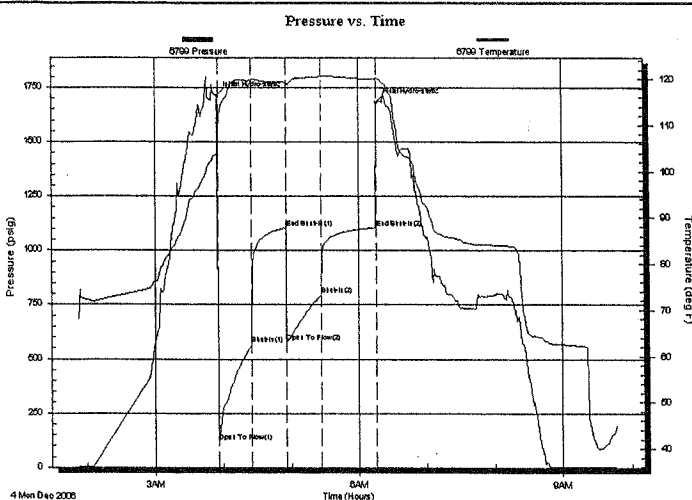
Capacity: 7000.00 psig

Last Calib.: 2006.12.04

Time On Btm: 2006.12.04 @ 03:55:00

Time Off Btm: 2006.12.04 @ 06:15:30

TEST COMMENT: IF Strong blow building to BOB in 1 minute 15 seconds.
ISI Bled off weak surface blow back
FF Strong blow building to BOB in 1 minute 45 seconds.
FSI Bled off



PRESSURE SUMMARY

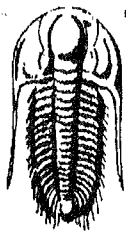
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1712.90	103.88	Initial Hydro-static
1	120.94	105.69	Open To Flow (1)
30	568.56	119.81	Shut-In(1)
61	1104.57	119.29	End Shut-In(1)
62	577.88	119.10	Open To Flow (2)
91	794.53	120.58	Shut-In(2)
141	1105.24	119.92	End Shut-In(2)
141	1682.55	120.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OCM 20%O 80%M	0.85
1740.00	Oil	24.41

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

I A Operating Inc

900 N Tyler Rd #14
Wichita KS 67212

ATTN: Randy Kilian

Solomon Unit #32-1

32 11S 19S Ellis KS

Job Ticket: 26063

DST#: 1

Test Start: 2006.12.04 @ 01:52:40

Tool Information

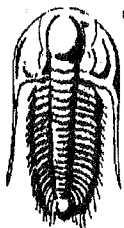
Drill Pipe:	Length: 3451.00 ft	Diameter: 3.80 inches	Volume: 48.41 bbl	Tool Weight:	3000.00 lb	
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb	
Drill Collar:	Length: 92.00 ft	Diameter: 2.25 inches	Volume: 0.45 bbl	Weight to Pull Loose:	62000.00 lb	
			Total Volume:	48.86 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial	53000.00 lb	
Depth to Top Packer:	3551.00 ft			Final	60000.00 lb	
Depth to Bottom Packer:	3590.00 ft					
Interval between Packers:	39.00 ft					
Tool Length:	119.00 ft					
Number of Packers:	3	Diameter:	6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3536.00	
Hydraulic tool	5.00			3541.00	
Packer	5.00			3546.00	20.00 Bottom Of Top Packer
Packer	5.00			3551.00	
Stubb	1.00			3552.00	
Recorder	0.00	6799	Inside	3552.00	
Blank Spacing	31.00			3583.00	
Perforations	4.00			3587.00	
Recorder	0.00	10270	Outside	3587.00	
Blank Off Sub	3.00			3590.00	39.00 Tool Interval
Packer	3.00			3593.00	
Blank Spacing	32.00			3625.00	
Perforations	22.00			3647.00	
Recorder	0.00	3354	Fluid	3647.00	
Bullnose	3.00			3650.00	60.00 Bottom Packers & Anchor

Total Tool Length: 119.00

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

IA Operating Inc

Solomon Unit #32-1

900 N Tyler Rd #14
Wichita KS 67212

32 11S 19S Ellis KS

Job Ticket: 26063

DST#: 1

ATTN: Randy Kilian

Test Start: 2006.12.04 @ 01:52:40

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: 42.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.07 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	OCM 20%O 80%M	0.845
1740.00	Oil	24.408

Total Length: 1860.00 ft Total Volume: 25.253 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 26 API @ 50 F

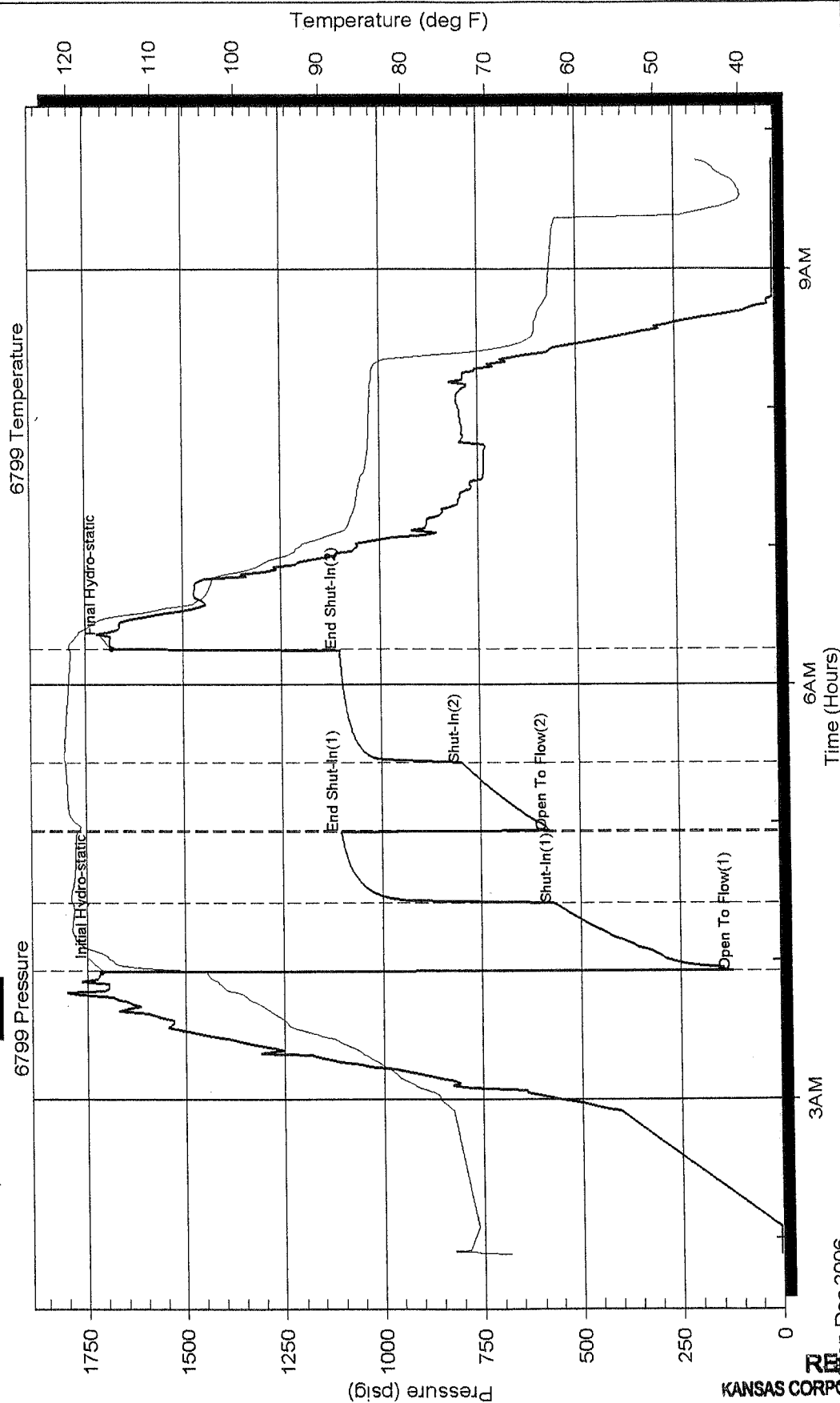
DST Test Number: 1

32 11S 19S Ellis KS

Inside IA Operating Inc

Serial #: 6799

Pressure vs. Time



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CONSERVATION DIVISION
WICHITA, KS

Ref. No: 26063

TruBrite Testing, Inc

CHART PAGE

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

