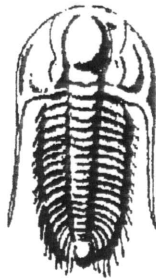


API# 15-165-21808-00-00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **J & D Investments**

1584 Smokey Hill River Rd
Hays KS 67601

ATTN: Bob

30 18S 17W Rush KS

Tammen 1-A

Start Date: 2007.01.14 @ 19:45:36

End Date: 2007.01.15 @ 05:37:49

Job Ticket #: 27287 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2007.01.15 @ 10:10:56 Page 1
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KANSAS CORPORATION COMMISSION

MAR 21 2007

CONSERVATION DIVISION
WICHITA, KS

J & D Investments

Tammen 1-A

30 18S 17W Rush KS

DST # 1

Conglomerate

2007.01.14



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

J & D Investments

1584 Smokey Hill River Rd
Hays KS 67601

ATTN: Bob

Tammen 1-A

30 18S 17W Rush KS

Job Ticket: 27287

DST#: 1

Test Start: 2007.01.14 @ 19:45:36

GENERAL INFORMATION:

Formation: **Conglomerate**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:05:49

Time Test Ended: 05:37:49

Test Type: Conventional Straddle

Tester: Brian Fairbank

Unit No: 24

Interval: **3700.00 ft (KB) To 3760.00 ft (KB) (TVD)**

Total Depth: 3830.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1999.00 ft (KB)

1991.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6769

Inside

Press@RunDepth: 80.94 psig @ 3707.01 ft (KB)

Start Date: 2007.01.14

End Date:

2007.01.15

Start Time:

19:45:36

End Time:

05:37:49

Capacity: 7000.00 psig

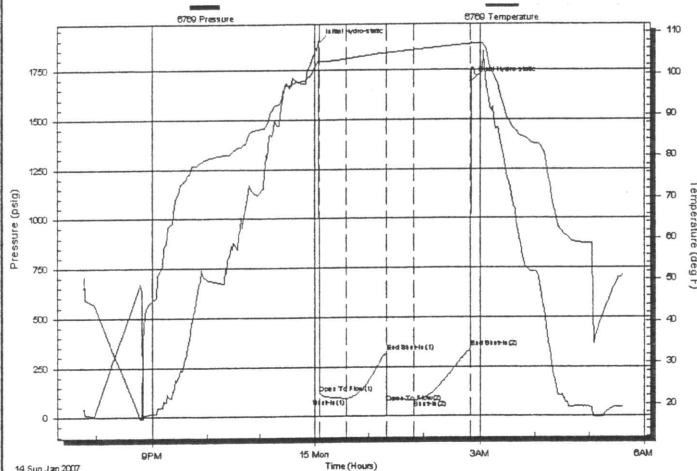
Last Calib.: 2007.01.15

Time On Btm: 2007.01.15 @ 00:05:19

Time Off Btm: 2007.01.15 @ 02:50:34

TEST COMMENT: IFP Weak blow throughout 3/4" - 2"
ISI Weak sur blow back died 10 min.
FFP Weak sur blow died 5 min.
FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1888.97	103.18	Initial Hydro-static
1	116.08	102.90	Open To Flow (1)
30	90.69	103.50	Shut-In (1)
75	323.26	104.99	End Shut-In (1)
75	65.91	104.85	Open To Flow (2)
105	80.94	105.67	Shut-In (2)
165	340.67	107.03	End Shut-In (2)
166	1690.34	107.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%M	0.05

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

J & D Investments

1584 Smokey Hill River Rd
Hays KS 67601

ATTN: Bob

Tammen 1-A

30 18S 17W Rush KS

Job Ticket: 27287

DST#: 1

Test Start: 2007.01.14 @ 19:45:36

Tool Information

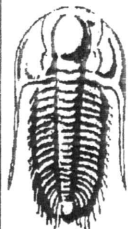
Drill Pipe:	Length: 3514.00 ft	Diameter: 3.80 inches	Volume: 49.29 bbl	Tool Weight:	2500.00 lb	
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb	
Drill Collar:	Length: 175.00 ft	Diameter: 2.25 inches	Volume: 0.86 bbl	Weight to Pull Loose:	60000.00 lb	
			Total Volume:	50.15 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	55000.00 lb	
Depth to Top Packer:	3700.00 ft			Final	56000.00 lb	
Depth to Bottom Packer:	3761.02 ft					
Interval between Packers:	61.02 ft					
Tool Length:	155.03 ft					
Number of Packers:	3	Diameter:	6.75 inches			

Tool Comments:
worked on rig 40 min. trip in w/ tool

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3685.00	
Hydraulic tool	5.00			3690.00	
Packer	5.00			3695.00	20.00 Bottom Of Top Packer
Packer	5.00			3700.00	
Stubb	1.00			3701.00	
Perforations	6.00			3707.00	
Recorder	0.01	6769	Inside	3707.01	
Change Over Sub	1.00			3708.01	
Blank Spacing	31.00			3739.01	
Change Over Sub	1.00			3740.01	
Perforations	15.00			3755.01	
Recorder	0.01	13548	Outside	3755.02	
Blank Off Sub	1.00			3756.02	
Blank Spacing	5.00			3761.02	61.02 Tool Interval
Packer	5.00			3766.02	
Change Over Sub	1.00			3767.02	
Blank Spacing	62.00			3829.02	
Change Over Sub	1.00			3830.02	
Perforations	2.00			3832.02	
Recorder	0.01	13760	Below	3832.03	
Bullnose	3.00			3835.03	74.01 Bottom Packers & Anchor

Total Tool Length: 155.03

MAR 21 2007



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

J & D Investments

Tammen 1-A

1584 Smokey Hill River Rd
Hays KS 67601

30 18S 17W Rush KS

Job Ticket: 27287

DST#: 1

ATTN: Bob

Test Start: 2007.01.14 @ 19:45:36

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: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.35 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100%M	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

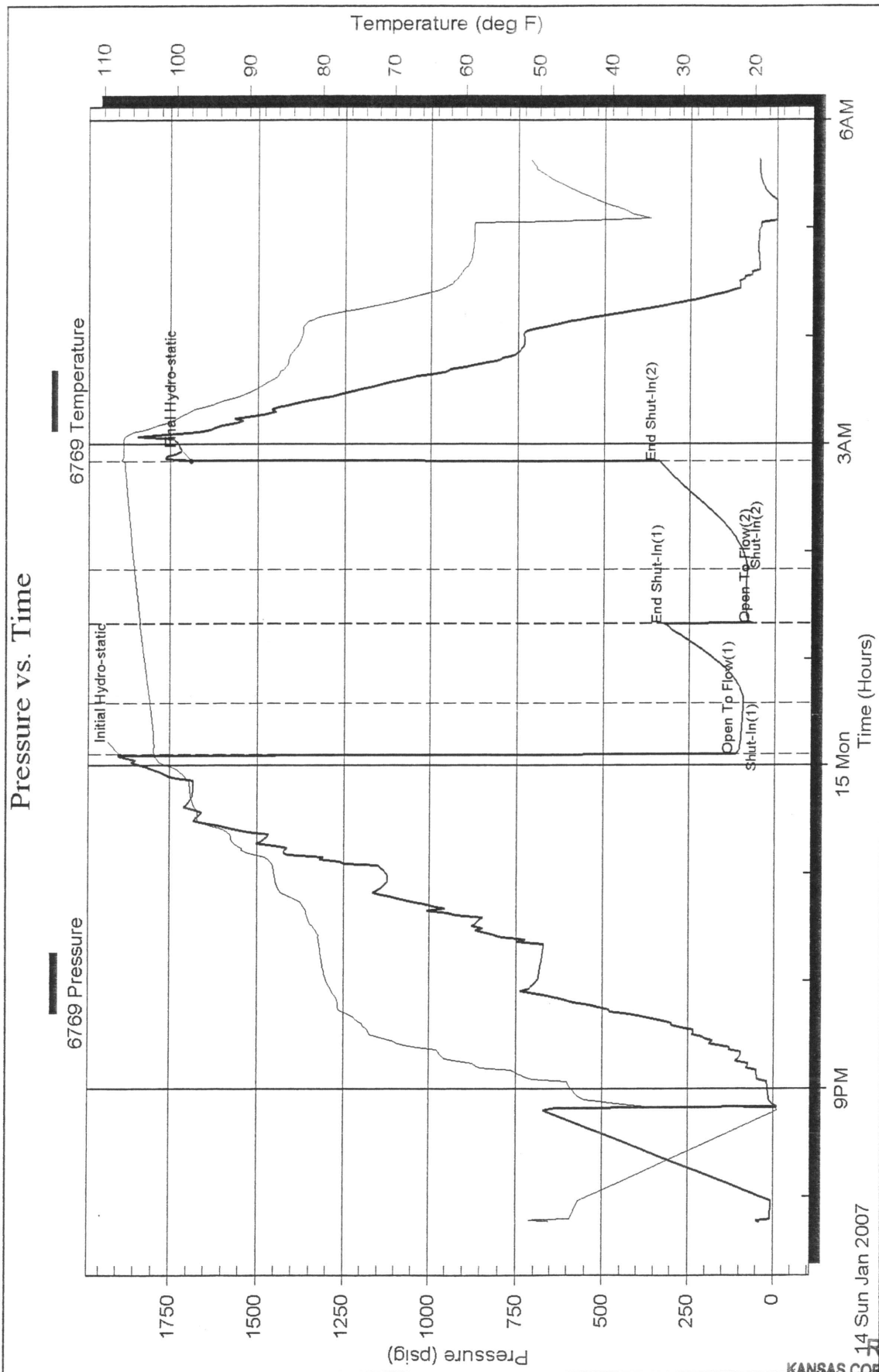
Serial #: 6769

Inside

J & D Investments

30 18S 17W Rush KS

DST Test Number: 1



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KANSAS CORPORATION COMMISSION

MAR 21 2007

CONSERVATION DIVISION
WICHITA, KS

Tridite Testing, Inc

Ref. No: 27287