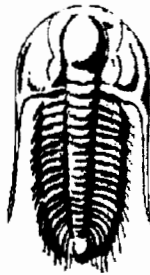


15-051-25786

8-13s-16w
K02

IND



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Scheck Oil**

225 N Main
Russell KS 67665

ATTN: Francis Whisler

15-051-25786-0000

8 13S 16W Ellis KS

Weigel Unit # 1-8

Start Date: 2008.06.26 @ 07:29:21

End Date: 2008.06.26 @ 14:05:15

Job Ticket #: 32827

DST #: 1

Scheck Oil

Weigel Unit # 1-8

8 13S 16W Ellis KS

DST # 1

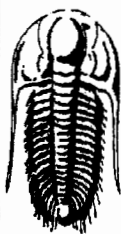
LKC "I-J"

2008.06.26

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Scheck Oil

225 N Main
Russell KS 67665

ATTN: Francis Whisler

Weigel Unit # 1-8

8 13S 16W Ellis KS

Job Ticket: 32827

DST#: 1

Test Start: 2008.06.26 @ 07:29:21

GENERAL INFORMATION:

Formation: **LKC "I-J"**

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

Time Tool Opened: 09:41:46

Time Test Ended: 14:05:15

Test Type: **Conventional Bottom Hole**

Tester: **Brian Fairbank**

Unit No: **41**

Interval: **3357.00 ft (KB) To 3401.00 ft (KB) (TVD)**

Total Depth: **3401.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition:

Reference Elevations: **1969.00 ft (KB)**

1961.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 8018

Inside

Press@RunDepth: **29.29 psig @ 3361.00 ft (KB)**

Start Date: **2008.06.26**

End Date:

2008.06.26

Capacity: **7000.00 psig**

Last Calib.: **2008.06.26**

Start Time: **07:29:21**

End Time:

14:05:15

Time On Btm: **2008.06.26 @ 09:40:46**

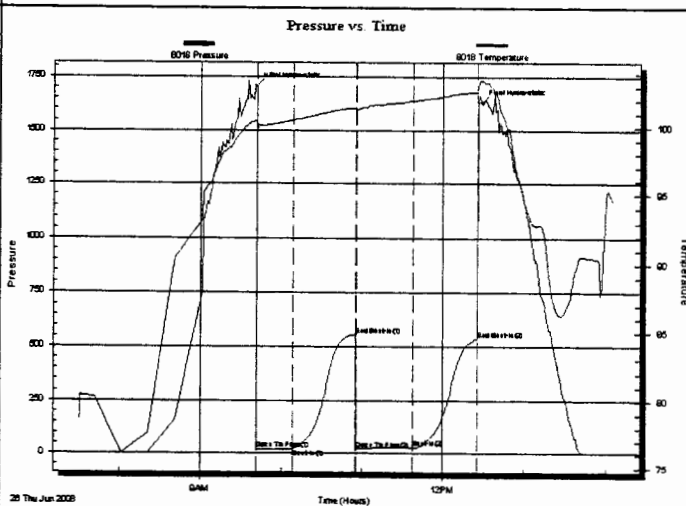
Time Off Btm: **2008.06.26 @ 12:28:45**

TEST COMMENT: **IFP Weak to fair blow sur - 4"**

ISI No blow back

FFP BOB 27 min.

FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1705.45	100.52	Initial Hydro-static
1	18.83	99.70	Open To Flow (1)
28	20.99	100.54	Shut-in(1)
74	555.73	101.46	End Shut-in(1)
75	21.30	101.27	Open To Flow (2)
117	29.29	101.99	Shut-in(2)
165	536.67	102.63	End Shut-in(2)
168	1630.63	103.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	GOCM 20%G 15%O 65%M	0.56
0.00	175' GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Scheck Oil

225 N Main
Russell KS 67665

ATTN: Francis Whisler

Weigel Unit # 1-8

8 13S 16W Ellis KS

Job Ticket: 32827

DST#: 1

Test Start: 2008.06.26 @ 07:29:21

Tool Information

Tool Pipe:	Length: 3361.00 ft	Diameter: 3.80 inches	Volume: 47.15 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:	25000.00 lb
Tool Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	40000.00 lb
			Total Volume: 47.15 bbl	Tool Chased	0.00 ft
Tool Pipe Above KB:	24.00 ft			String Weight: Initial	35000.00 lb
Depth to Top Packer:	3357.00 ft			Final	36000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	44.00 ft				
Tool Length:	64.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Put In Tool	5.00			3342.00	
Hydraulic tool	5.00			3347.00	
Packer	5.00			3352.00	20.00 Bottom Of Top Packer
Packer	5.00			3357.00	
Tubing	1.00			3358.00	
Perforations	2.00			3360.00	
Change Over Sub	1.00			3361.00	
Recorder	0.00	8018	Inside	3361.00	
Recorder	0.00	8371	Outside	3361.00	
Blank Spacing	31.00			3392.00	
Change Over Sub	1.00			3393.00	
Perforations	5.00			3398.00	
Pullnose	3.00			3401.00	44.00 Bottom Packers & Anchor
Total Tool Length:	64.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Scheck Oil

Weigel Unit # 1-8

225 N Main
Russell KS 67665

8 13S 16W Ellis KS

Job Ticket: 32827

DST#: 1

ATTN: Francis Whisler

Test Start: 2008.06.26 @ 07:29:21

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: 10.75 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	GOCM 20%G 15%O 65%M	0.561
0.00	175' GIP	0.000

Total Length: 40.00 ft

Total Volume: 0.561 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

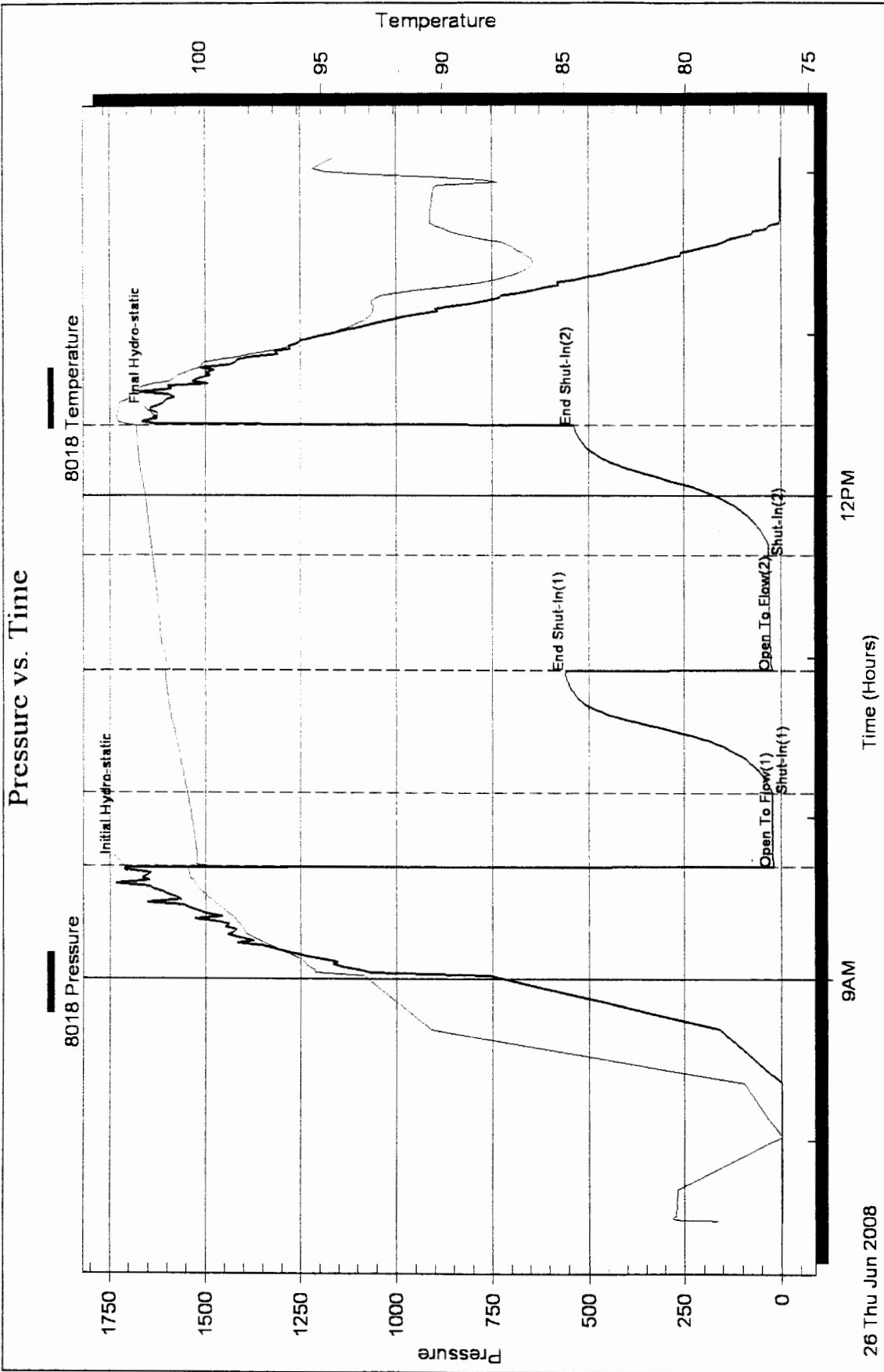
Serial #:

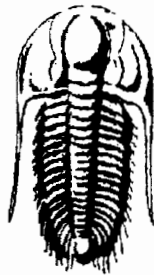
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Scheck Oil**

225 N Main
Russell KS 67665

ATTN: Francis Whisler

8 13S 16W Ellis KS

Weigel Unit # 1-8

Start Date: 2008.06.27 @ 02:15:26

End Date: 2008.06.27 @ 07:48:50

Job Ticket #: 32828 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Scheck Oil

Weigel Unit # 1-8

8 13S 16W Ellis KS

DST # 2

Arbuckle

2008.06.27



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Scheck Oil

225 N Main
Russell KS 67665

ATTN: Francis Whisler

Weigel Unit # 1-8

8 13S 16W Ellis KS

Job Ticket: 32828

DST#: 2

Test Start: 2008.06.27 @ 02:15:26

GENERAL INFORMATION:

Formation: **Arbuckle**

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

Time Tool Opened: 04:29:21

Time Test Ended: 07:48:50

Test Type: **Conventional Bottom Hole**

Tester: **Brian Fairbank**

Unit No: **41**

Interval: **3440.00 ft (KB) To 3473.00 ft (KB) (TVD)**

Total Depth: **3473.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition:

Reference Elevations: **1969.00 ft (KB)**

1961.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8371

Outside

Press@RunDepth: **14.95 psig @ 3445.00 ft (KB)**

Start Date: **2008.06.27**

End Date: **2008.06.27**

Start Time: **02:15:26**

End Time: **07:48:50**

Capacity: **7000.00 psig**

Last Calib.: **2008.06.27**

Time On Btm: **2008.06.27 @ 04:27:21**

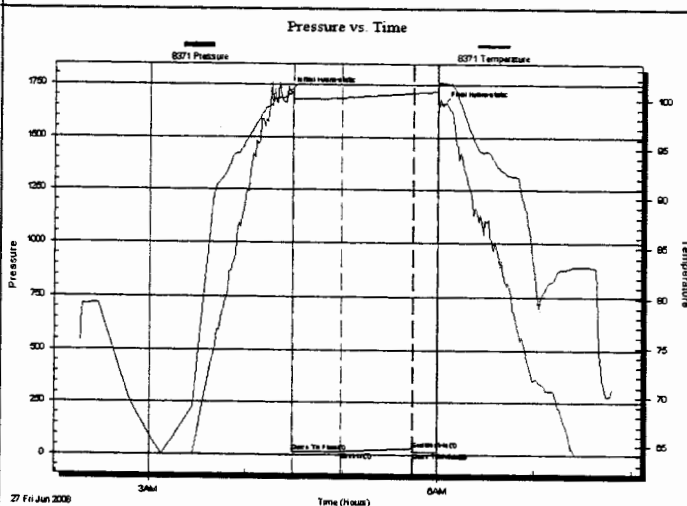
Time Off Btm: **2008.06.27 @ 06:02:21**

TEST COMMENT: **IFP Sur blow died 11 min.**

ISI No blow back

FFP No blow

TIME 30 45 15



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1719.05	100.60	Initial Hydro-static
2	14.55	99.96	Open To Flow (1)
32	14.95	100.17	Shut-In (1)
77	30.63	100.67	End Shut-In (1)
77	15.63	100.66	Open To Flow (2)
92	16.02	100.84	Shut-In (2)
95	1654.44	101.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mw/O spts	0.01

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Scheck Oil

Weigel Unit # 1-8

225 N Main
Russell KS 67665

8 13S 16W Ellis KS

Job Ticket: 32828

DST#: 2

ATTN: Francis Whisler

Test Start: 2008.06.27 @ 02:15:26

Tool Information

Drill Pipe:	Length: 3421.00 ft	Diameter: 3.80 inches	Volume: 47.99 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:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	40000.00 lb
			Total Volume: 47.99 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	1.00 ft			String Weight: Initial	38000.00 lb
Depth to Top Packer:	3440.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	33.00 ft				
Tool Length:	53.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Put In Tool	5.00			3425.00	
Hydraulic tool	5.00			3430.00	
Packer	5.00			3435.00	20.00 Bottom Of Top Packer
Packer	5.00			3440.00	
Tubing	1.00			3441.00	
Perforations	4.00			3445.00	
Recorder	0.00	8018	Inside	3445.00	
Recorder	0.00	8371	Outside	3445.00	
Perforations	25.00			3470.00	
Pullnose	3.00			3473.00	33.00 Bottom Packers & Anchor
Total Tool Length:	53.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Scheck Oil

225 N Main
Russell KS 67665

ATTN: Francis Whisler

Weigel Unit # 1-8

8 13S 16W Ellis KS

Job Ticket: 32828

DST#: 2

Test Start: 2008.06.27 @ 02:15:26

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 11.17 in³

Resistivity: ohm.m

Salinity: 6000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Mw/O spts	0.014

Total Length: 1.00 ft

Total Volume: 0.014 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

