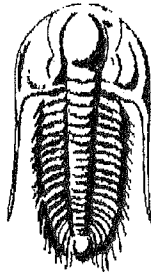


15-167-23450

14-11s-15w

IND



**TRILOBITE**  
**TESTING, INC.**

### DRILL STEM TEST REPORT

Prepared For: **John O Farmer Inc**

PO Box 352  
Russell KS 67665

ATTN: Brad Hutchinson

**14 11 15 Russell KS**

**Thompson #1**

Start Date: 2007.08.19 @ 03:31:30

End Date: 2007.08.19 @ 10:11:15

Job Ticket #: 28572                      DST #: 1-

CONFIDENTIAL  
DEC 04 2007  
KCC

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

John O Farmer Inc

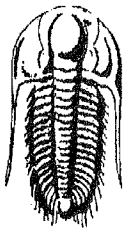
Thompson #1

14 11 15 Russell KS

DST # 1

LKC "A-C"

2007.08.19



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

John O Farmer Inc

**Thompson #1**

PO Box 352  
Russell KS 67665

**14 11 15 Russell KS**

ATTN: Brad Hutchinson

Job Ticket: 28572

DST#: 1

Test Start: 2007.08.19 @ 03:31:30

## GENERAL INFORMATION:

Formation: **LKC "A-C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:41:15

Time Test Ended: 10:11:15

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 21

Interval: **3093.00 ft (KB) To 3150.00 ft (KB) (TVD)**

Reference Elevations: 1915.00 ft (KB)

Total Depth: 3150.00 ft (KB) (TVD)

1907.00 ft (CF)

Hole Diameter: 7.66 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

**Serial #: 8290**

Inside

Press@RunDepth: 88.31 psig @ 3099.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.08.19

End Date:

2007.08.19

Last Callib.: 2007.08.19

Start Time: 03:31:32

End Time:

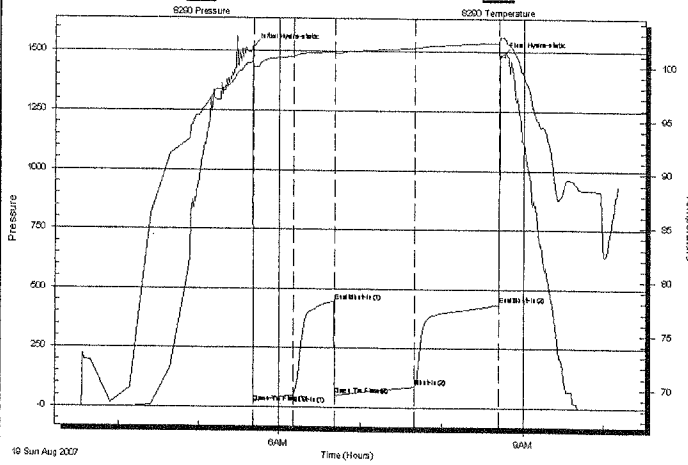
10:11:15

Time On Btm: 2007.08.19 @ 05:40:45

Time Off Btm: 2007.08.19 @ 08:43:30

TEST COMMENT: IFP BOB in 22 min  
ISI Weak surface blow back died in 5 min  
FFP BOB in 22 min  
FSI Weak surface blow back

Pressure vs. Time



## PRESSURE SUMMARY

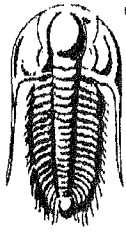
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1516.22	100.38	Initial Hydro-static
1	15.25	99.88	Open To Flow (1)
30	48.86	100.93	Shut-In(1)
61	447.07	101.34	End Shut-In(1)
61	51.68	101.27	Open To Flow (2)
120	88.31	101.74	Shut-In(2)
181	436.49	102.23	End Shut-In(2)
183	1483.80	102.77	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOCMW 10%O 50%W 40%M	0.57
60.00	GSOCWM 30%G 5%O 5%W 60%M	0.85
45.00	GMCO 10%O 50%W 40%M	0.64
0.00	420' GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

John O Farmer Inc

**Thompson #1**

PO Box 352  
Russell KS 67665

**14 11 15 Russell KS**

Job Ticket: 28572

**DST#: 1**

ATTN: Brad Hutchinson

Test Start: 2007.08.19 @ 03:31:30

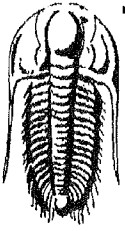
**Tool Information**

Drill Pipe:	Length: 3071.00 ft	Diameter: 3.82 inches	Volume: 43.53 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 45000.00 lb
			<b>Total Volume: 43.68 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3093.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	57.00 ft			
Tool Length:	78.00 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			3073.00	
Shut In Tool	5.00			3078.00	
Hydraulic tool	5.00			3083.00	
Packer	5.00			3088.00	21.00 Bottom Of Top Packer
Packer	5.00			3093.00	
Stubb	1.00			3094.00	
Perforations	4.00			3098.00	
Change Over Sub	1.00			3099.00	
Recorder	0.00	8290	Inside	3099.00	
Blank Spacing	32.00			3131.00	
Change Over Sub	1.00			3132.00	
Perforations	15.00			3147.00	
Recorder	0.00	3351	Inside	3147.00	
Bullnose	3.00			3150.00	57.00 Bottom Packers & Anchor

**Total Tool Length: 78.00**



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

John O Farmer Inc

**Thompson #1**

PO Box 352  
Russell KS 67665

**14 11 15 Russell KS**

ATTN: Brad Hutchinson

Job Ticket: 28572

**DST#: 1**

Test Start: 2007.08.19 @ 03:31:30

## 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: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.77 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	SOCMW 10%O 50%W 40%M	0.573
60.00	GSOCWM 30%G 5%O 5%W 60%M	0.851
45.00	GMCO 10%O 50%W 40%M	0.638
0.00	420' GIP	0.000

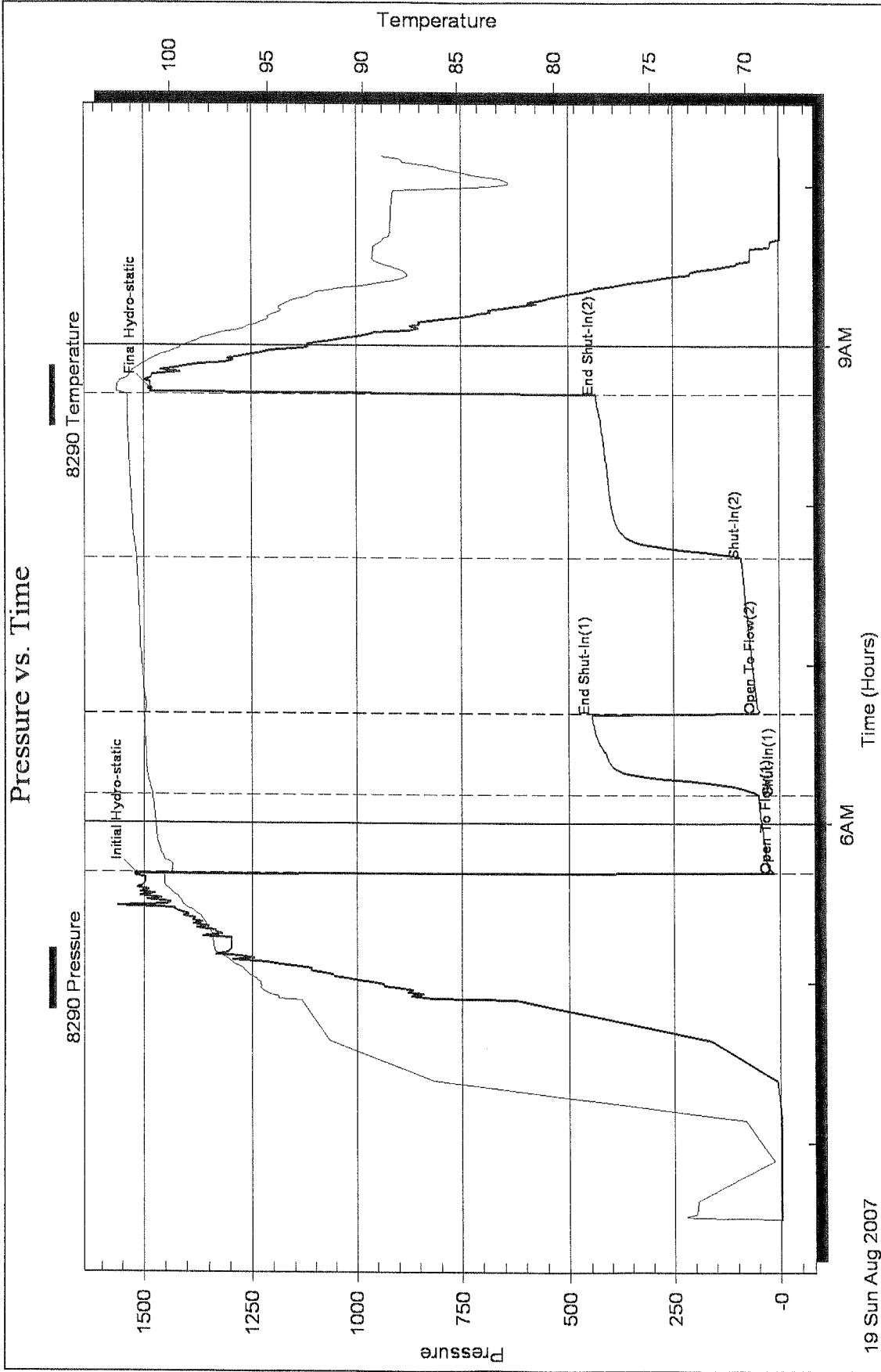
Total Length: 165.00 ft      Total Volume: 2.062 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

### Pressure vs. Time

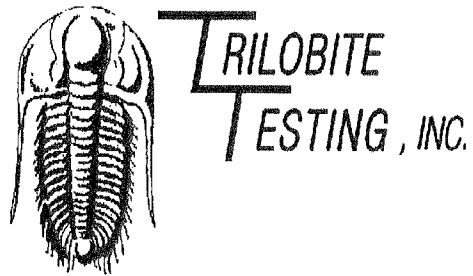


19 Sun Aug 2007

6AM

9AM

Time (Hours)



## DRILL STEM TEST REPORT

Prepared For: **John O Farmer Inc**

PO Box 352  
Russell KS 67665

ATTN: Brad Hutchinson

**14 11 15 Russell KS**

**Thompson #1**

Start Date: 2007.08.19 @ 18:36:28

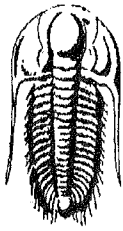
End Date: 2007.08.20 @ 00:22:43

Job Ticket #: 28573                      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

John O Farmer Inc

**Thompson #1**

PO Box 352  
Russell KS 67665

**14 11 15 Russell KS**

ATTN: Brad Hutchinson

Job Ticket: 28573

DST#: 2

Test Start: 2007.08.19 @ 18:36:28

## GENERAL INFORMATION:

Formation: **LKC"E-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:58:43

Time Test Ended: 00:22:43

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 21

Interval: **3150.00 ft (KB) To 3180.00 ft (KB) (TVD)**

Total Depth: 3180.00 ft (KB) (TVD)

Hole Diameter: 7.66 inches Hole Condition: Good

Reference Elevations: 1915.00 ft (KB)

1907.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 8290**

**Inside**

Press@RunDepth: 62.62 psig @ 3155.00 ft (KB)

Start Date: 2007.08.19

End Date:

2007.08.20

Start Time: 18:36:30

End Time:

00:22:43

Capacity: 7000.00 psig

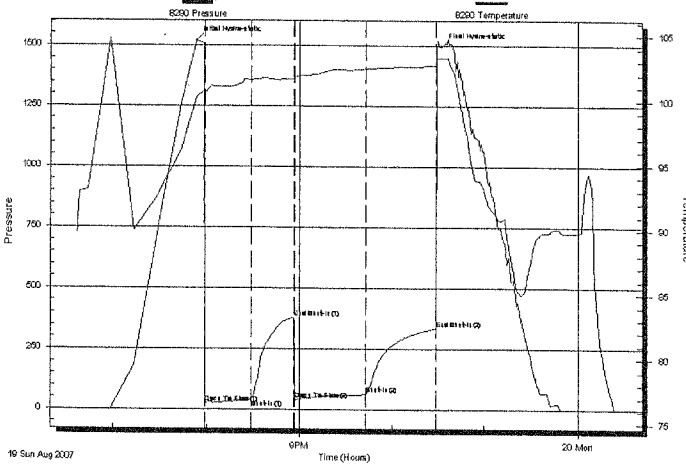
Last Calib.: 2007.08.20

Time On Btm: 2007.08.19 @ 19:53:28

Time Off Btm: 2007.08.19 @ 22:32:13

TEST COMMENT: IFP BOB in 14 min  
ISI No blow back  
FFP BOB in 7 min  
FSI Weak surface blow back died in 10 min

Pressure vs. Time



## PRESSURE SUMMARY

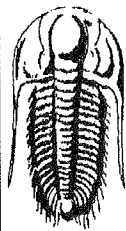
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1518.36	100.27	Initial Hydro-static
6	22.22	100.56	Open To Flow (1)
36	38.46	101.60	Shut-In(1)
63	377.77	101.67	End Shut-In(1)
64	38.84	101.70	Open To Flow (2)
110	62.62	102.46	Shut-In(2)
156	335.10	102.71	End Shut-In(2)
159	1497.03	103.32	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
125.00	GMCO 20%G 50%O 30%M	1.49

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

John O Farmer Inc

**Thompson #1**

PO Box 352  
Russell KS 67665

**14 11 15 Russell KS**

Job Ticket: 28573

**DST#: 2**

ATTN: Brad Hutchinson

Test Start: 2007.08.19 @ 18:36:28

### Tool Information

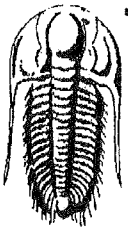
Drill Pipe:	Length: 3132.00 ft	Diameter: 3.82 inches	Volume: 44.40 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 44.55 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 4000.00 lb
Depth to Top Packer:	3150.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	51.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3130.00	
Shut In Tool	5.00			3135.00	
Hydraulic tool	5.00			3140.00	
Packer	5.00			3145.00	21.00 Bottom Of Top Packer
Packer	5.00			3150.00	
Stubb	1.00			3151.00	
Perforations	4.00			3155.00	
Recorder	0.00	8290	Inside	3155.00	
Perforations	22.00			3177.00	
Recorder	0.00	3351	Inside	3177.00	
Bullnose	3.00			3180.00	30.00 Bottom Packers & Anchor

**Total Tool Length: 51.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

John O Farmer Inc

**Thompson #1**

PO Box 352  
Russell KS 67665

**14 11 15 Russell KS**

ATTN: Brad Hutchinson

Job Ticket: 28573

**DST#: 2**

Test Start: 2007.08.19 @ 18:36:28

## 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: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.16 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	GMCO 20%G 50%O 30%M	1.494

Total Length: 125.00 ft      Total Volume: 1.494 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

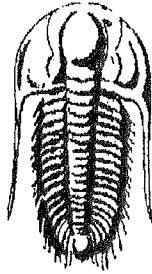
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **John O Farmer Inc**

PO Box 352  
Russell KS 67665

ATTN: Brad Hutchinson

**14 11 15 Russell KS**

**Thompson #1**

Start Date: 2007.08.20 @ 07:11:46

End Date: 2007.08.20 @ 12:18:01

Job Ticket #: 28574      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

John O Farmer Inc

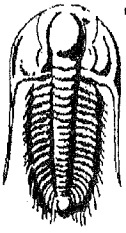
Thompson #1

14 11 15 Russell KS

DST # 3

LKC "G"

2007.08.20



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

John O Farmer Inc

**Thompson #1**

PO Box 352  
Russell KS 67665

**14 11 15 Russell KS**

ATTN: Brad Hutchinson

Job Ticket: 28574

**DST#: 3**

Test Start: 2007.08.20 @ 07:11:46

## GENERAL INFORMATION:

Formation: **LKC "G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:35:31

Time Test Ended: 12:18:01

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 21

Interval: **3182.00 ft (KB) To 3200.00 ft (KB) (TVD)**

Total Depth: 3150.00 ft (KB) (TVD)

Hole Diameter: 7.66 inches Hole Condition: Good

Reference Elevations: 1915.00 ft (KB)

1907.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 8290**

Inside

Press@RunDepth: 37.49 psig @ 3187.00 ft (KB)

Start Date: 2007.08.20

End Date:

2007.08.20

Capacity: 7000.00 psig

Last Calib.: 2007.08.20

Start Time: 07:11:48

End Time:

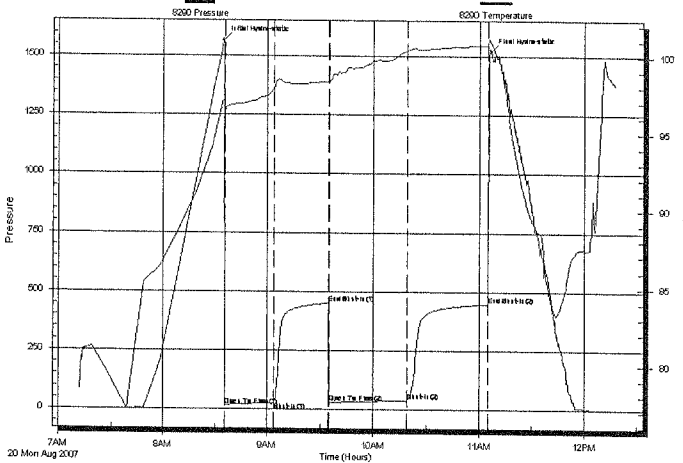
12:18:01

Time On Btm: 2007.08.20 @ 08:35:01

Time Off Btm: 2007.08.20 @ 11:06:31

TEST COMMENT: IFP Weak surface blow built to 1.75 "  
ISI No blow back  
FFP Weak surface blow built to 1.5 "  
FSI No blow back

Pressure vs. Time



## PRESSURE SUMMARY

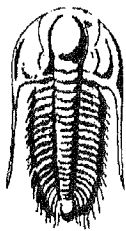
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1565.45	97.07	Initial Hydro-static
1	13.93	96.37	Open To Flow (1)
29	26.89	97.96	Shut-In(1)
60	450.06	98.41	End Shut-In(1)
60	29.25	98.35	Open To Flow (2)
105	37.49	100.42	Shut-In(2)
150	447.43	100.77	End Shut-In(2)
152	1519.14	100.93	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
50.00	WM 30%W 70%M	0.43

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

John O Farmer Inc

**Thompson #1**

PO Box 352  
Russell KS 67665

**14 11 15 Russell KS**

Job Ticket: 28574

**DST#: 3**

ATTN: Brad Hutchinson

Test Start: 2007.08.20 @ 07:11:46

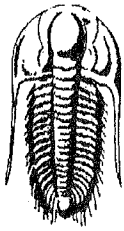
### Tool Information

Drill Pipe:	Length: 3135.00 ft	Diameter: 3.82 inches	Volume: 44.44 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 44.59 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3182.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	39.00 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			3162.00	
Shut In Tool	5.00			3167.00	
Hydraulic tool	5.00			3172.00	
Packer	5.00			3177.00	21.00 Bottom Of Top Packer
Packer	5.00			3182.00	
Stubb	1.00			3183.00	
Perforations	4.00			3187.00	
Recorder	0.00	8290	Inside	3187.00	
Perforations	10.00			3197.00	
Recorder	0.00	3351	Inside	3197.00	
Bullnose	3.00			3200.00	18.00 Bottom Packers & Anchor

**Total Tool Length: 39.00**



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

John O Farmer Inc

**Thompson #1**

PO Box 352  
Russell KS 67665

**14 11 15 Russell KS**

Job Ticket: 28574

**DST#: 3**

ATTN: Brad Hutchinson

Test Start: 2007.08.20 @ 07:11:46

## 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:	25000 ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.27 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	WM 30%W 70%M	0.431

Total Length: 50.00 ft      Total Volume: 0.431 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8290

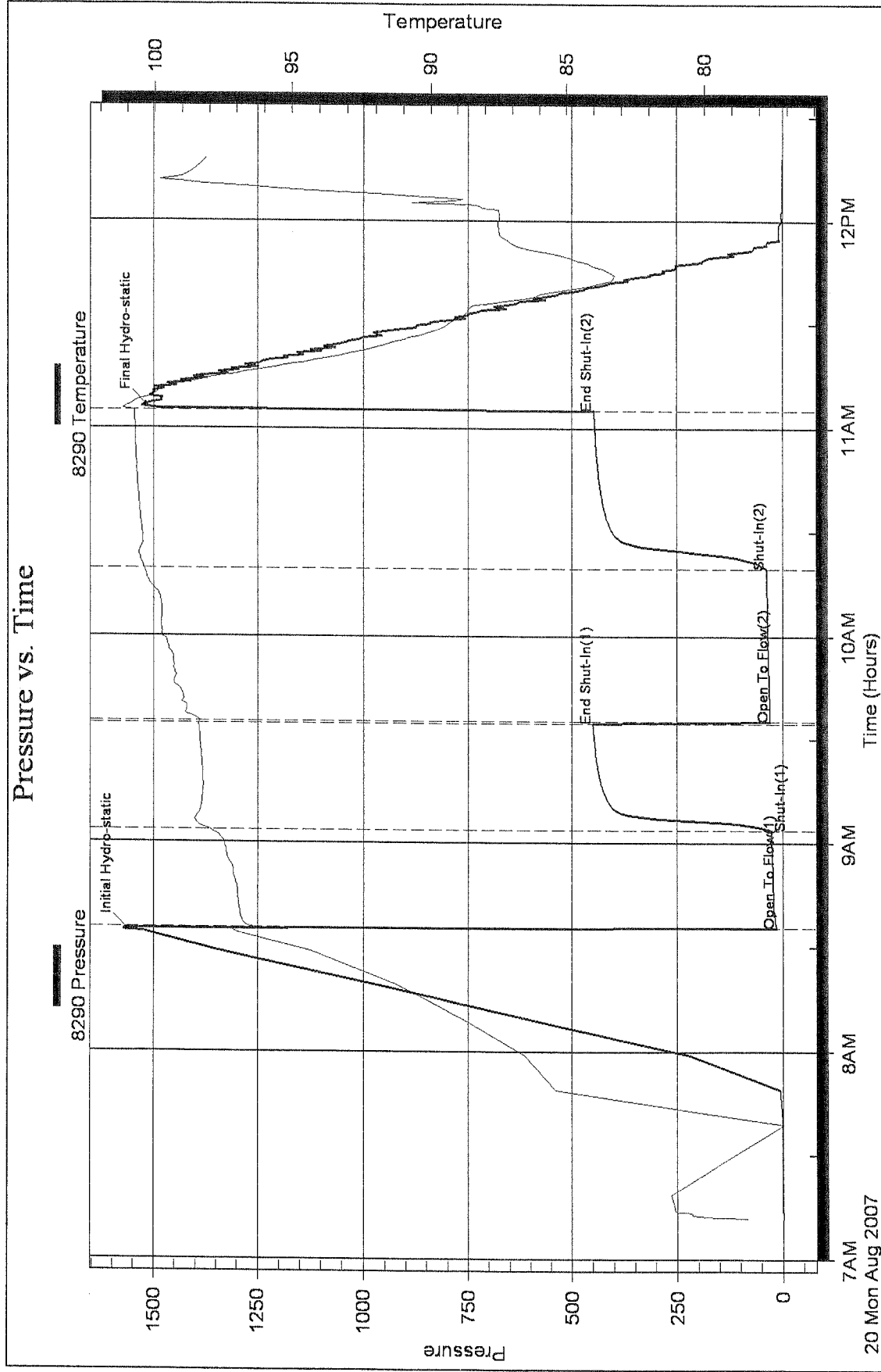
Inside

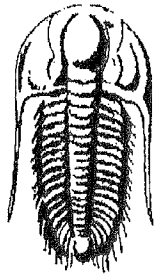
John O Farmer Inc

14 11 15 Russell KS

DST Test Number: 3

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **John O Farmer Inc**

PO Box 352  
Russell KS 67665

ATTN: Brad Hutchinson

**14 11 15 Russell KS**

**Thompson #1**

Start Date: 2007.08.20 @ 22:45:29

End Date: 2007.08.21 @ 05:36:44

Job Ticket #: 28575                      DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

John O Farmer Inc

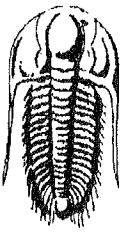
Thompson #1

14 11 15 Russell KS

DST # 4

LKC"l-J"

2007.08.20



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

John O Farmer Inc

**Thompson #1**

PO Box 352  
Russell KS 67665

**14 11 15 Russell KS**

ATTN: Brad Hutchinson

Job Ticket: 28575

DST#: 4

Test Start: 2007.08.20 @ 22:45:29

## GENERAL INFORMATION:

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

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:42:14

Time Test Ended: 05:36:44

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 21

Interval: **3240.00 ft (KB) To 3290.00 ft (KB) (TVD)**

Total Depth: 3290.00 ft (KB) (TVD)

Hole Diameter: 7.66 inches Hole Condition: Good

Reference Elevations: 1915.00 ft (KB)

1907.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 8290**

Inside

Press@RunDepth: 50.81 psig @ 3245.00 ft (KB)

Start Date: 2007.08.20

End Date:

2007.08.21

Capacity: 7000.00 psig

Last Calib.: 2007.08.21

Start Time: 22:45:31

End Time:

05:36:44

Time On Btm: 2007.08.21 @ 00:41:44

Time Off Btm: 2007.08.21 @ 03:44:59

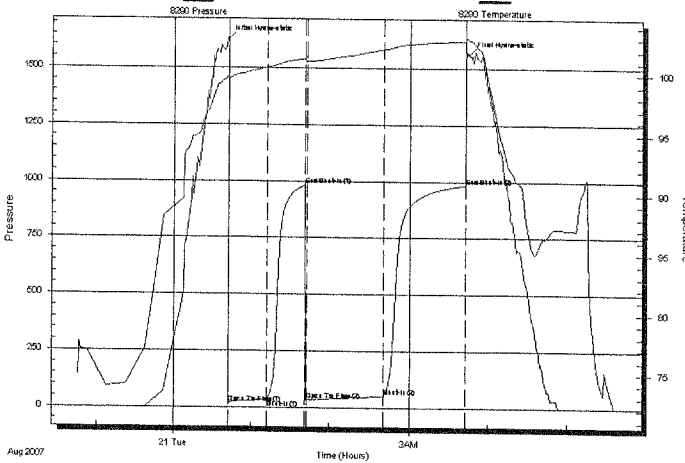
TEST COMMENT: IFP Weak surface blow built to 7 "

ISI No blow back

FFP Weak surface blow built to BOB in 52 min

FSI Weak surface blow back throughout

Pressure vs. Time



## PRESSURE SUMMARY

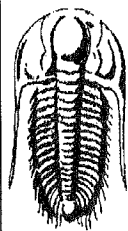
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1624.56	99.98	Initial Hydro-static
1	17.63	99.52	Open To Flow (1)
30	33.89	100.66	Shut-In (1)
60	982.73	101.37	End Shut-In (1)
61	33.78	101.16	Open To Flow (2)
119	50.81	102.19	Shut-In (2)
181	979.61	102.87	End Shut-In (2)
184	1559.37	103.04	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	SMCO 90%O 10%M	0.57
50.00	CO	0.71
0.00	300' GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

John O Farmer Inc

**Thompson #1**

PO Box 352  
Russell KS 67665

**14 11 15 Russell KS**

Job Ticket: 28575

**DST#: 4**

ATTN: Brad Hutchinson

Test Start: 2007.08.20 @ 22:45:29

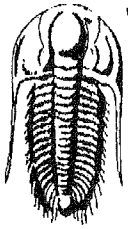
### Tool Information

Drill Pipe:	Length: 3195.00 ft	Diameter: 3.82 inches	Volume: 45.29 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 45.44 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3240.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	71.00 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			3220.00	
Shut In Tool	5.00			3225.00	
Hydraulic tool	5.00			3230.00	
Packer	5.00			3235.00	21.00 Bottom Of Top Packer
Packer	5.00			3240.00	
Stubb	1.00			3241.00	
Perforations	3.00			3244.00	
Change Over Sub	1.00			3245.00	
Recorder	0.00	8290	Inside	3245.00	
Blank Spacing	31.00			3276.00	
Change Over Sub	1.00			3277.00	
Perforations	10.00			3287.00	
Recorder	0.00	3351	Inside	3287.00	
Bullnose	3.00			3290.00	50.00 Bottom Packers & Anchor

**Total Tool Length: 71.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

John O Farmer Inc  
PO Box 352  
Russell KS 67665  
  
ATTN: Brad Hutchinson

**Thompson #1**  
**14 11 15 Russell KS**  
Job Ticket: 28575      **DST#: 4**  
Test Start: 2007.08.20 @ 22:45:29

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 26 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 44.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.77 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3000.00 ppm		
Filter Cake: inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	SMCO 90%O 10%M	0.573
50.00	CO	0.709
0.00	300' GIP	0.000

Total Length: 110.00 ft      Total Volume: 1.282 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

### Pressure vs. Time

