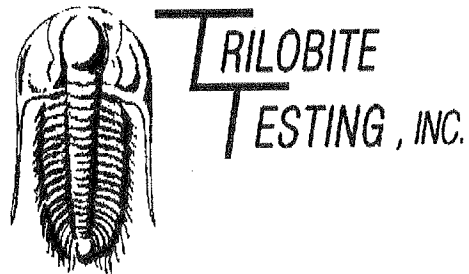


15-167-23412

27-12s-15w

1165 ✓



DRILL STEM TEST REPORT

Prepared For: **John O Farmer Inc**

PO Box 352
Russell KS 67665

ATTN: Brad Hutchison

27 12 15W Russell KS

Weigel B #2

Start Date: 2007.02.11 @ 17:45:45

End Date: 2007.02.12 @ 00:31:24

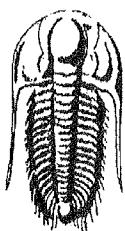
Job Ticket #: 27498 DST #: 1

KCC
MAY 30 2007
CONFIDENTIAL

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

PO Box 352
Russell KS 67665

ATTN: Brad Hutchison

Weigel B #2

27 12 15W Russell KS

Job Ticket: 27498

DST#: 1

Test Start: 2007.02.11 @ 17:45:45

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:28:35

Time Test Ended: 00:31:24

Test Type: Conventional Straddle

Tester: Tyson Flax

Unit No: 21

Interval: **3259.00 ft (KB) To 3285.00 ft (KB) (TVD)**

Total Depth: 3331.00 ft (KB) (TVD)

Hole Diameter: 7.66 inches Hole Condition: Good

Reference Elevations: 1826.00 ft (KB)

1818.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8320 Inside

Press@RunDepth: 66.97 psig @ 3264.00 ft (KB)

Start Date: 2007.02.11

End Date:

2007.02.12

Capacity: 7000.00 psig

Last Calib.: 2007.02.12

Start Time: 17:45:47

End Time:

00:31:25

Time On Btm: 2007.02.11 @ 19:28:25

Time Off Btm: 2007.02.11 @ 22:29:55

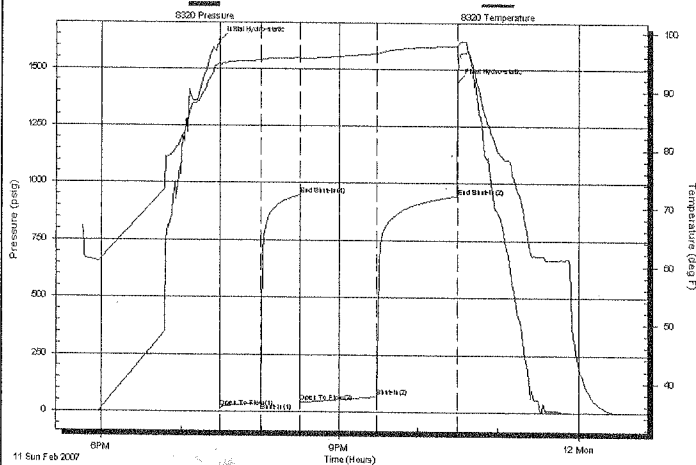
TEST COMMENT: IFP Weak surface blow built to 5.5 "

ISI No blow back

FFP Weak surface blow built to 6 "

FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

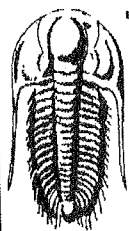
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1620.90	94.72	Initial Hydro-static
1	15.66	94.36	Open To Flow (1)
31	38.07	95.23	Shut-In (1)
62	947.63	95.74	End Shut-In (1)
62	39.97	95.66	Open To Flow (2)
120	66.97	96.41	Shut-In (2)
182	944.34	97.81	End Shut-In (2)
182	1443.54	97.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	MO 85%O 15%M	0.15
105.00	Free Oil	1.49

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer Inc

Weigel B #2

PO Box 352
Russell KS 67665

27 12 15W Russell KS

Job Ticket: 27498

DST#: 1

ATTN: Brad Hutchison

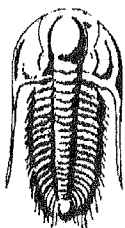
Test Start: 2007.02.11 @ 17:45:45

Tool Information

Drill Pipe:	Length: 3232.00 ft	Diameter: 3.82 inches	Volume: 45.81 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:	25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	50000.00 lb
		Total Volume:	45.96 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	46000.00 lb
Depth to Top Packer:	3259.00 ft			Final	46000.00 lb
Depth to Bottom Packer:	3285.00 ft				
Interval between Packers:	26.00 ft				
Tool Length:	95.00 ft				
Number of Packers:	3	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3239.00	
Shut In Tool	5.00			3244.00	
Hydraulic tool	5.00			3249.00	
Packer	5.00			3254.00	21.00 Bottom Of Top Packer
Packer	5.00			3259.00	
Stubb	1.00			3260.00	
Perforations	4.00			3264.00	
Recorder	0.00	8320	Inside	3264.00	
Perforations	18.00			3282.00	
Recorder	0.00	3351	Inside	3282.00	
Blank Off Sub	1.00			3283.00	
Stubb	2.00			3285.00	26.00 Tool Interval
Packer	2.00			3287.00	
Stubb	1.00			3288.00	
Perforations	9.00			3297.00	
Change Over Sub	1.00			3298.00	
Blank Spacing	31.00			3329.00	
Recorder	0.00	13401		3329.00	
Change Over Sub	1.00			3330.00	
Bullnose	3.00			3333.00	48.00 Bottom Packers & Anchor

Total Tool Length: 95.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer Inc

Weigel B #2

PO Box 352
Russell KS 67665

27 12 15W Russell KS

Job Ticket: 27498

DST#: 1

ATTN: Brad Hutchison

Test Start: 2007.02.11 @ 17:45:45

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

22 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.78 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
30.00	MO 85%O 15%M	0.148
105.00	Free Oil	1.488

Total Length: 135.00 ft

Total Volume: 1.636 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

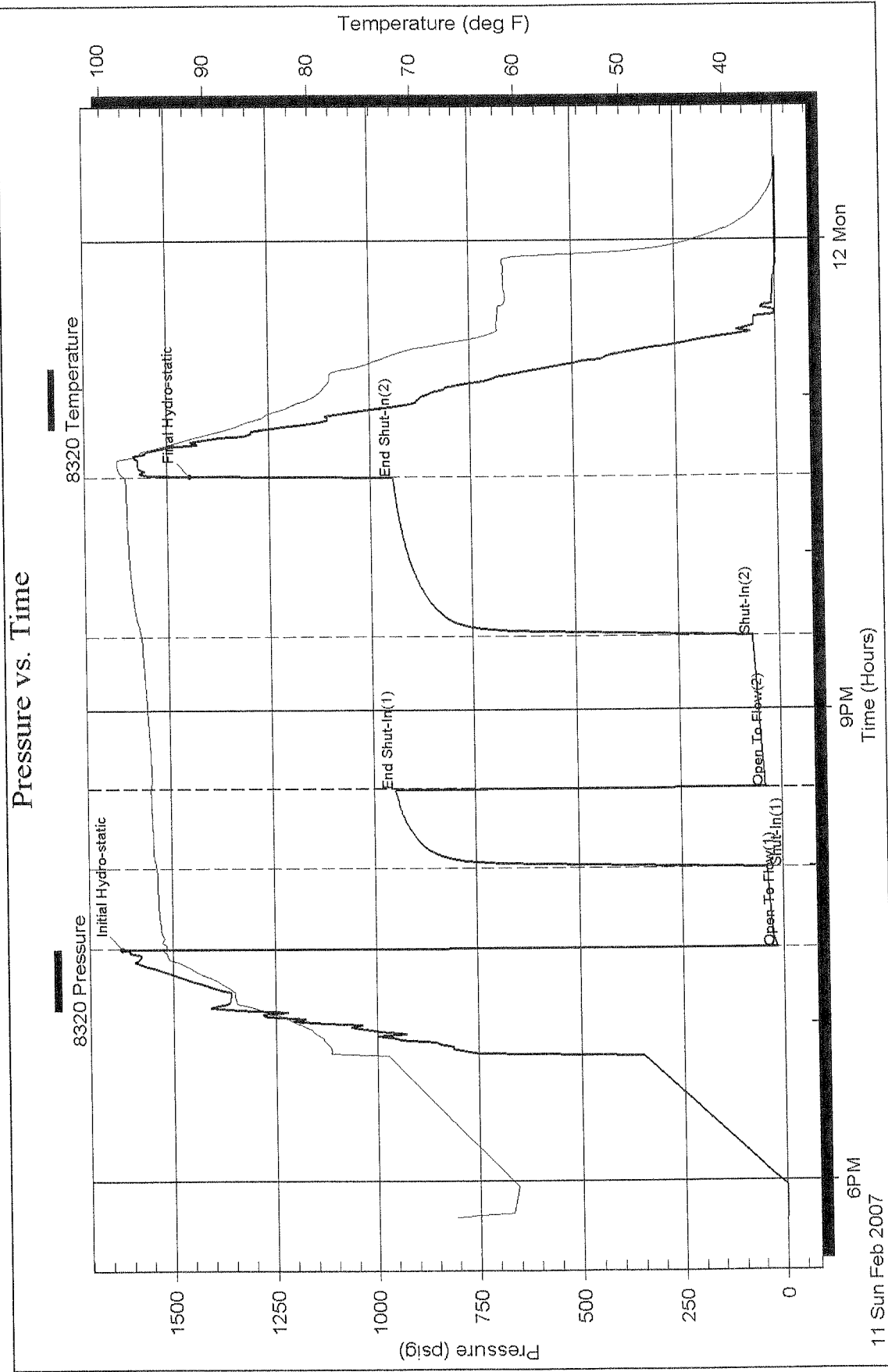
27 12 15W Russell KS

John O Farmer Inc

Inside

Serial #: 8320

Pressure vs. Time



Ref. No: 27498

Trilobite Testing, Inc