

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil CO Inc**

202 W Main St
Salem IL 62881

ATTN: Tim Priest

9 13S 32W Logan KS

Frey #2-9

Start Date: 2007.10.17 @ 10:06:00

End Date: 2007.10.17 @ 16:20:00

Job Ticket #: 29680 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Shakespeare Oil CO Inc

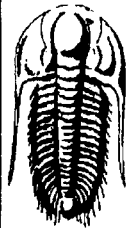
Frey #2-9

9 13S 32W Logan KS

DST # 1

L/KC "B&C"

2007.10.17



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil CO Inc

Frey #2-9

202 W Main St
Salem IL 62881

9 13S 32W Logan KS

ATTN: Tim Priest

Job Ticket: 29680

DST#: 1

Test Start: 2007.10.17 @ 10:06:00

GENERAL INFORMATION:

Formation: **L/KC "B&C"**

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

Time Tool Opened: 11:58:15

Time Test Ended: 16:20:00

Test Type: **Conventional Bottom Hole**

Tester: **Chuck Smith**

Unit No: **37**

Interval: **4010.00 ft (KB) To 4060.00 ft (KB) (TVD)**

Total Depth: **4060.00 ft (KB) (TVD)**

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

Reference Elevations: **3009.00 ft (KB)**

2999.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8017 **Inside**

Press@RunDepth: **347.20 psig @ 4012.00 ft (KB)**

Start Date: **2007.10.17**

End Date: **2007.10.17**

Capacity: **7000.00 psig**

Last Calib.: **2007.10.17**

Start Time: **10:06:01**

End Time: **16:20:00**

Time On Btm: **2007.10.17 @ 11:57:15**

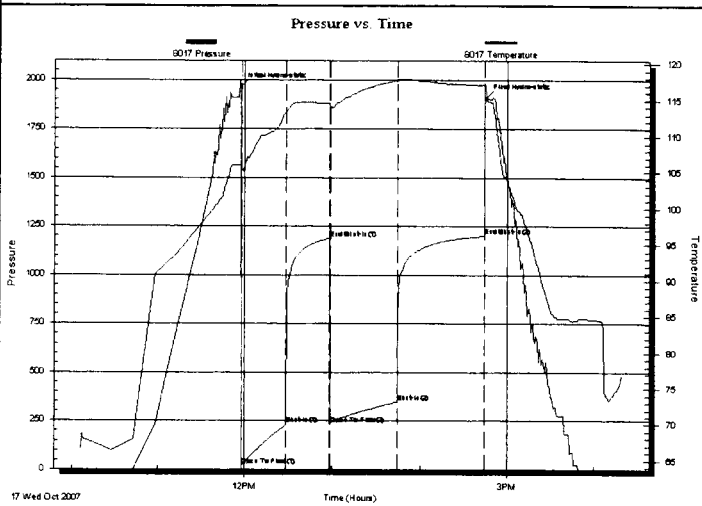
Time Off Btm: **2007.10.17 @ 14:45:45**

TEST COMMENT: **IF BOB @ 20 min.**

ISI No return

FF BOB @ 24 min.

FSI No return



PRESSURE SUMMARY

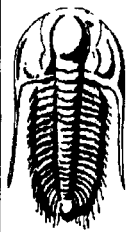
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1964.99	105.99	Initial Hydro-static
1	19.58	105.49	Open To Flow (1)
32	229.51	113.24	Shut-In(1)
61	1188.89	114.49	End Shut-In(1)
62	232.31	114.03	Open To Flow(2)
107	347.20	117.67	Shut-In(2)
167	1201.65	117.11	End Shut-In(2)
169	1908.40	115.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
700.00	MCW 10%M 90%W	5.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil CO Inc

Frey #2-9

202 W Main St
Salem IL 62881

9 13S 32W Logan KS

ATTN: Tim Priest

Job Ticket: 29680

DST#: 1

Test Start: 2007.10.17 @ 10:06:00

Tool Information

Drill Pipe:	Length: 3491.00 ft	Diameter: 3.80 inches	Volume: 48.97 bbl	Tool Weight: 2000.00 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: 528.00 ft	Diameter: 2.25 inches	Volume: 2.60 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 51.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4010.00 ft			Final 83000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	69.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3996.00	
Hydraulic tool	5.00			4001.00	
Packer	5.00			4006.00	19.00 Bottom Of Top Packer
Packer	4.00			4010.00	
Stubb	1.00			4011.00	
Perforations	1.00			4012.00	
Recorder	0.00	8017	Inside	4012.00	
Recorder	0.00	8351	Inside	4012.00	
Perforations	10.00			4022.00	
Change Over Sub	1.00			4023.00	
Anchor	31.00			4054.00	
Change Over Sub	1.00			4055.00	
Bullnose	5.00			4060.00	50.00 Bottom Packers & Anchor

Total Tool Length: 69.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil CO Inc
202 W Main St
Salem IL 62881

ATTN: Tim Priest

Frey #2-9
9 13S 32W Logan KS
Job Ticket: 29680 **DST#: 1**
Test Start: 2007.10.17 @ 10:06:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 17000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.37 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 1700.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
700.00	MCW 10%M 90%W	5.009

Total Length: 700.00 ft Total Volume: 5.009 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: Spots of Oil in tool.
 RW .340 @ 82 degrees F = 17000 chlorides.

Serial #: 8017

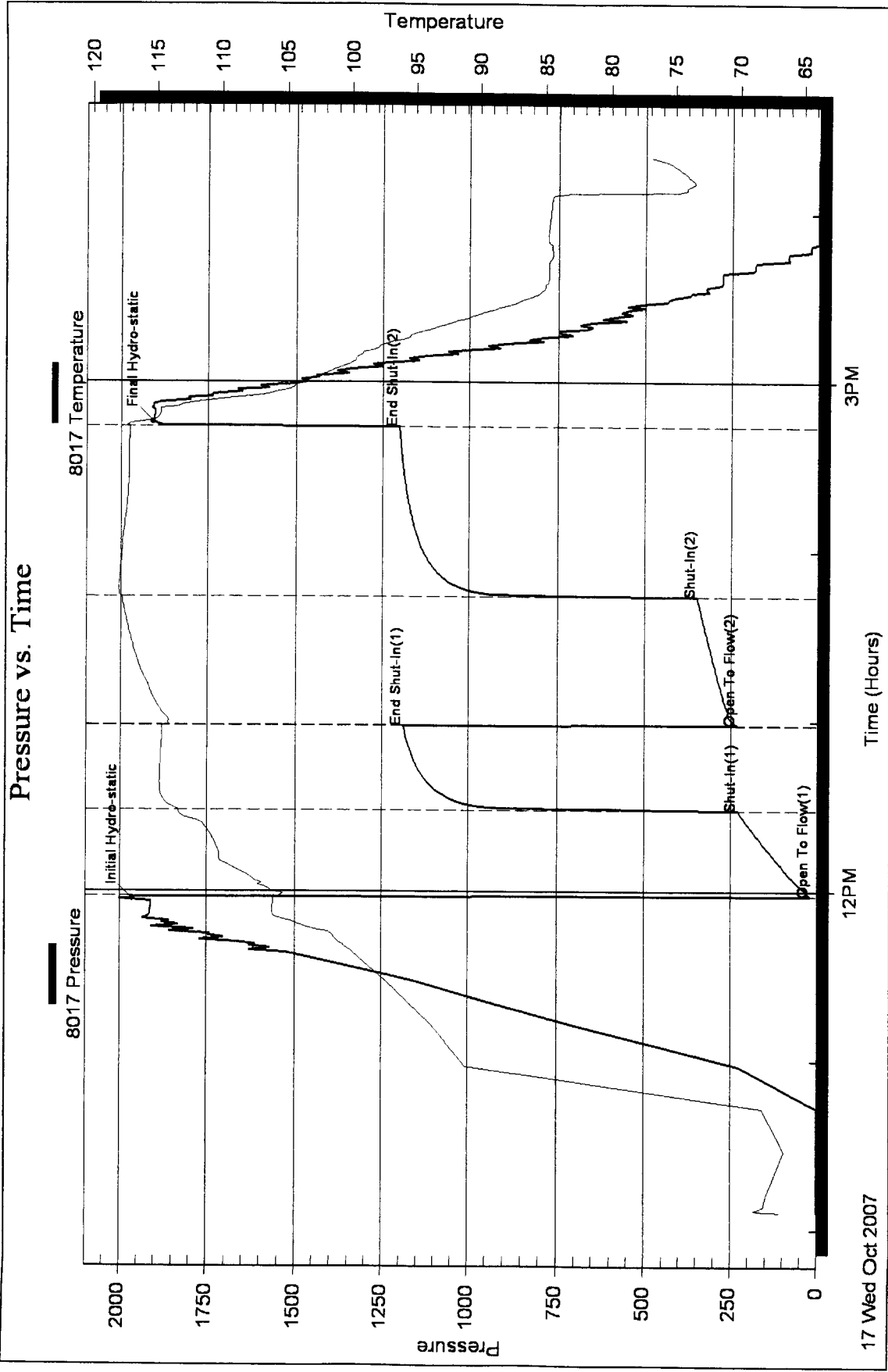
Inside

Shakespeare Oil CO Inc

9 13S 32W Logan KS

DST Test Number: 1

Pressure vs. Time



17 Wed Oct 2007

12PM

3PM

Time (Hours)

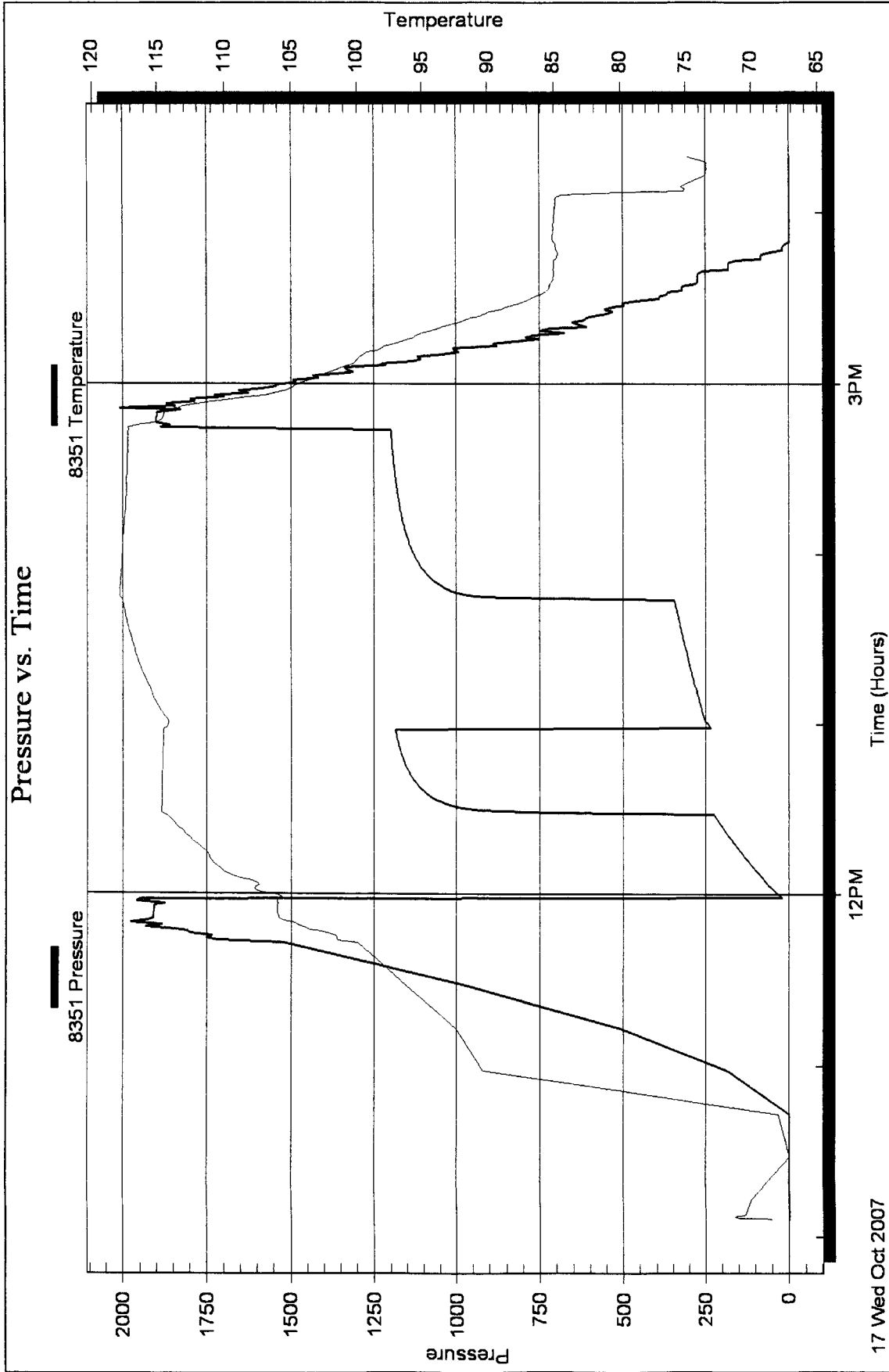
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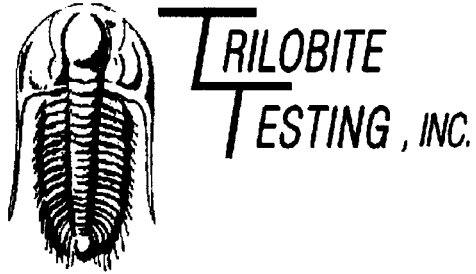
Inside

Shakespeare Oil CO Inc

9 13S 32W Logan KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil CO Inc**

202 W Main St
Salem IL 62881

ATTN: Tim Priest

9 13S 32W Logan KS

Frey #2-9

Start Date: 2007.10.18 @ 06:30:00

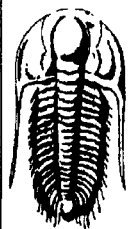
End Date: 2007.10.18 @ 14:44:30

Job Ticket #: 29681 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

Shakespeare Oil CO Inc

Frey #2-9

202 W Main St
Salem IL 62881

9 13S 32W Logan KS

ATTN: Tim Priest

Job Ticket: 29681

DST#: 2

Test Start: 2007.10.18 @ 06:30:00

GENERAL INFORMATION:

Formation: **KC "I"**

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

Time Tool Opened: 08:20:00

Time Test Ended: 14:44:30

Test Type: **Conventional Bottom Hole**

Tester: **Chuck Smith**

Unit No: **37**

Interval: **4170.00 ft (KB) To 4200.00 ft (KB) (TVD)**

Total Depth: **4200.00 ft (KB) (TVD)**

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

Reference Elevations: **3009.00 ft (KB)**

2999.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8017 **Inside**

Press@RunDepth: **146.07 psig @ 4175.00 ft (KB)**

Start Date: **2007.10.18**

End Date: **2007.10.18**

Start Time: **06:30:01**

End Time: **14:44:30**

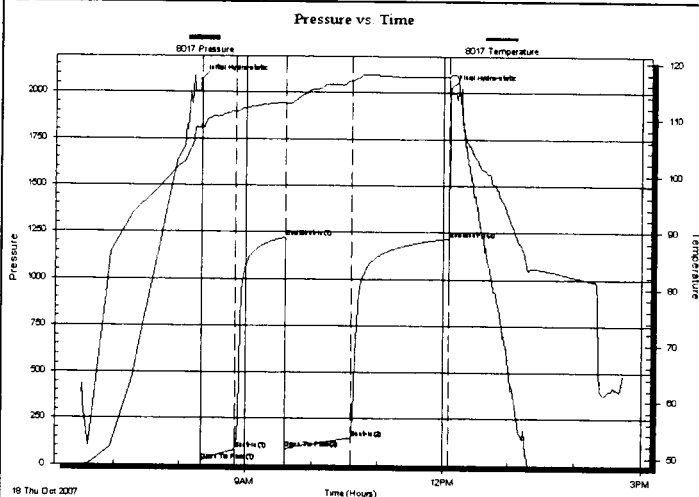
Capacity: **7000.00 psig**

Last Calib.: **2007.10.18**

Time On Btm: **2007.10.18 @ 08:19:15**

Time Off Btm: **2007.10.18 @ 12:07:00**

TEST COMMENT: IF Blow built to 11 "
ISI Weak return through out
FF BOB @ 39 min.
FSI Weak return died @ 45 min.



PRESSURE SUMMARY

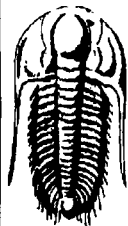
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2069.01	108.63	Initial Hydro-static
1	19.41	108.34	Open To Flow (1)
31	79.90	111.44	Shut-In(1)
76	1221.04	113.03	End Shut-In(1)
77	85.13	112.72	Open To Flow (2)
137	146.07	116.90	Shut-In(2)
227	1216.66	117.58	End Shut-In(2)
228	2020.98	117.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
185.00	GOCM 45%G 5%O 50%M	0.91
140.00	GMCO 20%G 10%M 70%O	0.69

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil CO Inc

Frey #2-9

202 W Main St
Salem IL 62881

9 13S 32W Logan KS

ATTN: Tim Priest

Job Ticket: 29681

DST#: 2

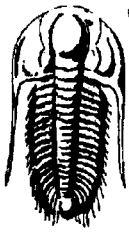
Test Start: 2007.10.18 @ 06:30:00

Tool Information

Drill Pipe:	Length: 3649.00 ft	Diameter: 3.80 inches	Volume: 51.19 bbl	Tool Weight: 2000.00 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: 528.00 ft	Diameter: 2.25 inches	Volume: 2.60 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 53.79 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 77000.00 lb
Depth to Top Packer:	4170.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4156.00	
Hydraulic tool	5.00			4161.00	
Packer	5.00			4166.00	19.00 Bottom Of Top Packer
Packer	4.00			4170.00	
Stubb	1.00			4171.00	
Perforations	4.00			4175.00	
Recorder	0.00	8017	Inside	4175.00	
Recorder	0.00	8351	Inside	4175.00	
Perforations	20.00			4195.00	
Bullnose	5.00			4200.00	30.00 Bottom Packers & Anchor
Total Tool Length:	49.00				



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FLUID SUMMARY

Shakespeare Oil CO Inc

Frey #2-9

202 W Main St
Salem IL 62881

9 13S 32W Logan KS

ATTN: Tim Priest

Job Ticket: 29681

DST#: 2

Test Start: 2007.10.18 @ 06:30:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.17 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 1900.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
185.00	GOCM 45%G 5%O 50%M	0.910
140.00	GMCO 20%G 10%M 70%O	0.688

Total Length: 325.00 ft Total Volume: 1.598 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

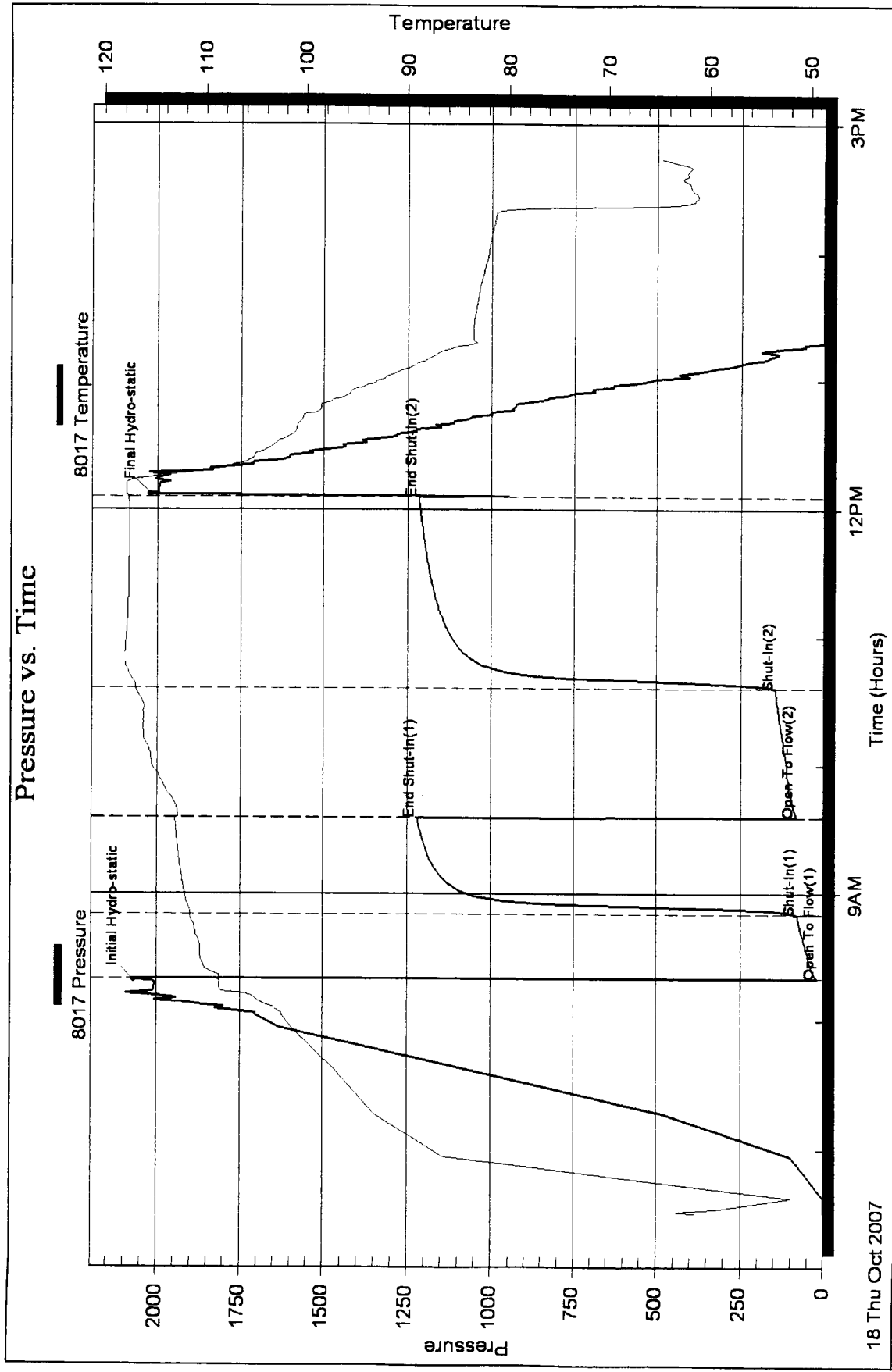
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 425' GIP

API 36 @ 60 degrees F = 36.



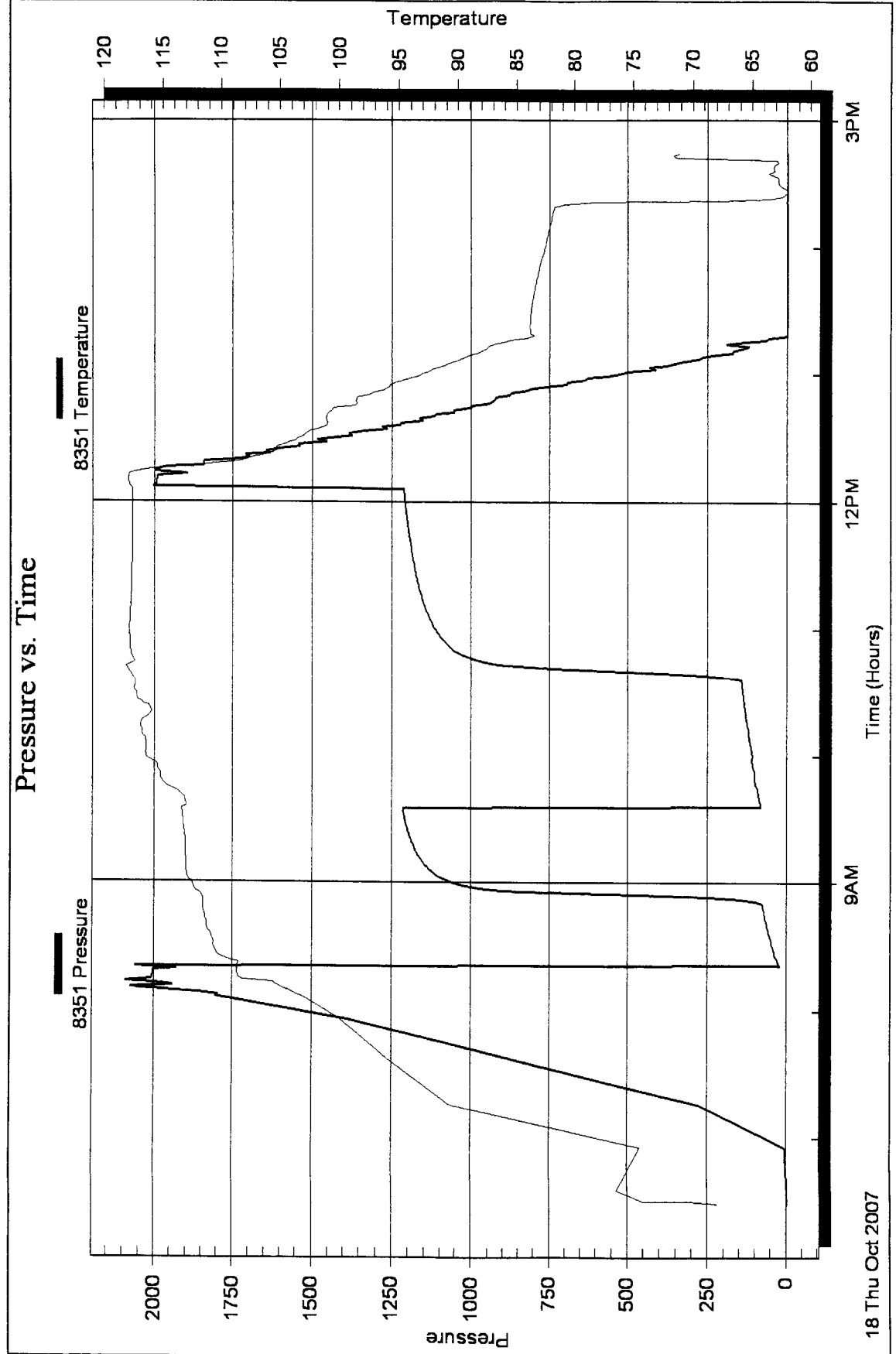
Serial #: 8351

Inside

Shakespeare Oil CO Inc

9 13S 32W Logan KS

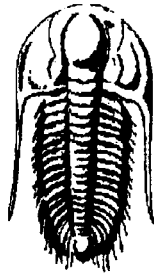
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 29681

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil CO Inc**

202 W Main St
Salem IL 62881

ATTN: Tim Priest

9 13S 32W Logan KS

Frey #2-9

Start Date: 2007.10.18 @ 21:44:00

End Date: 2007.10.19 @ 05:09:45

Job Ticket #: 29682 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Shakespeare Oil CO Inc

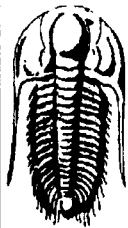
Frey #2-9

9 13S 32W Logan KS

DST # 3

KC "J"

2007.10.18



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil CO Inc

202 W Main St
Salem IL 62881

ATTN: Tim Priest

Frey #2-9

9 13S 32W Logan KS

Job Ticket: 29682

DST#: 3

Test Start: 2007.10.18 @ 21:44:00

GENERAL INFORMATION:

Formation: **KC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:40:00

Time Test Ended: 05:09:45

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: **4200.00 ft (KB) To 4226.00 ft (KB) (TVD)**

Total Depth: 4226.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3009.00 ft (KB)

2999.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8017 Inside

Press@RunDepth: 384.31 psig @ 4201.00 ft (KB)

Start Date: 2007.10.18

End Date: 2007.10.19

Start Time: 21:44:01

End Time: 05:09:45

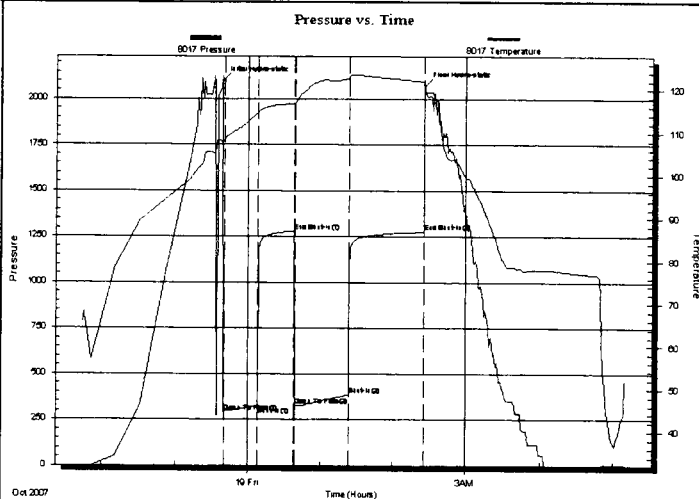
Capacity: 7000.00 psig

Last Calib.: 2007.10.19

Time On Btm: 2007.10.18 @ 23:39:00

Time Off Btm: 2007.10.19 @ 02:26:15

TEST COMMENT: IF: Packer failure on initial open. 2nd attempt held, B.O.B. @ 29 min.
IS: Weak return died @ 4 min.
FF: B.O.B. @ 26 min.
FS: Return built to 5".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2099.35	107.60	Initial Hydro-static
1	290.12	108.09	Open To Flow (1)
29	321.12	114.43	Shut-In(1)
59	1280.85	116.73	End Shut-In(1)
60	323.99	116.66	Open To Flow (2)
105	384.31	122.58	Shut-In(2)
167	1277.25	121.98	End Shut-In(2)
168	2074.84	120.55	Final Hydro-static

Recovery

Length (ft)	Description	Volumes (bbl)
370.00	GMCW 10%G 10%M 80%W	1.82
375.00	GOCM 15%G 12%O 73%M	3.82
45.00	GOCM 10%G 5%O 85%M	0.63

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil CO Inc

Frey #2-9

202 W Main St
Salem IL 62881

9 13S 32W Logan KS

ATTN: Tim Priest

Job Ticket: 29682

DST#: 3

Test Start: 2007.10.18 @ 21:44:00

Tool Information

Drill Pipe:	Length: 3682.00 ft	Diameter: 3.80 inches	Volume: 51.65 bbl	Tool Weight: 2000.00 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: 528.00 ft	Diameter: 2.25 inches	Volume: 2.60 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 54.25 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4200.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	45.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4186.00	
Hydraulic tool	5.00			4191.00	
Packer	5.00			4196.00	19.00 Bottom Of Top Packer
Packer	4.00			4200.00	
Stubb	1.00			4201.00	
Recorder	0.00	8017	Inside	4201.00	
Recorder	0.00	8351	Inside	4201.00	
Perforations	20.00			4221.00	
Bullnose	5.00			4226.00	26.00 Bottom Packers & Anchor
Total Tool Length:	45.00				



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DRILL STEM TEST REPORT

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Frey #2-9

202 W Main St
Salem IL 62881

9 13S 32W Logan KS

Job Ticket: 29682

DST#: 3

ATTN: Tim Priest

Test Start: 2007.10.18 @ 21:44:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

20000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
370.00	GMCW 10%G 10%M 80%W	1.820
375.00	GOCM 15%G 12%O 73%M	3.821
45.00	GOCM 10%G 5%O 85%M	0.631

Total Length: 790.00 ft Total Volume: 6.272 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 140' GIP

Scum of Oil in 370 feet of Water

Serial #: 8017

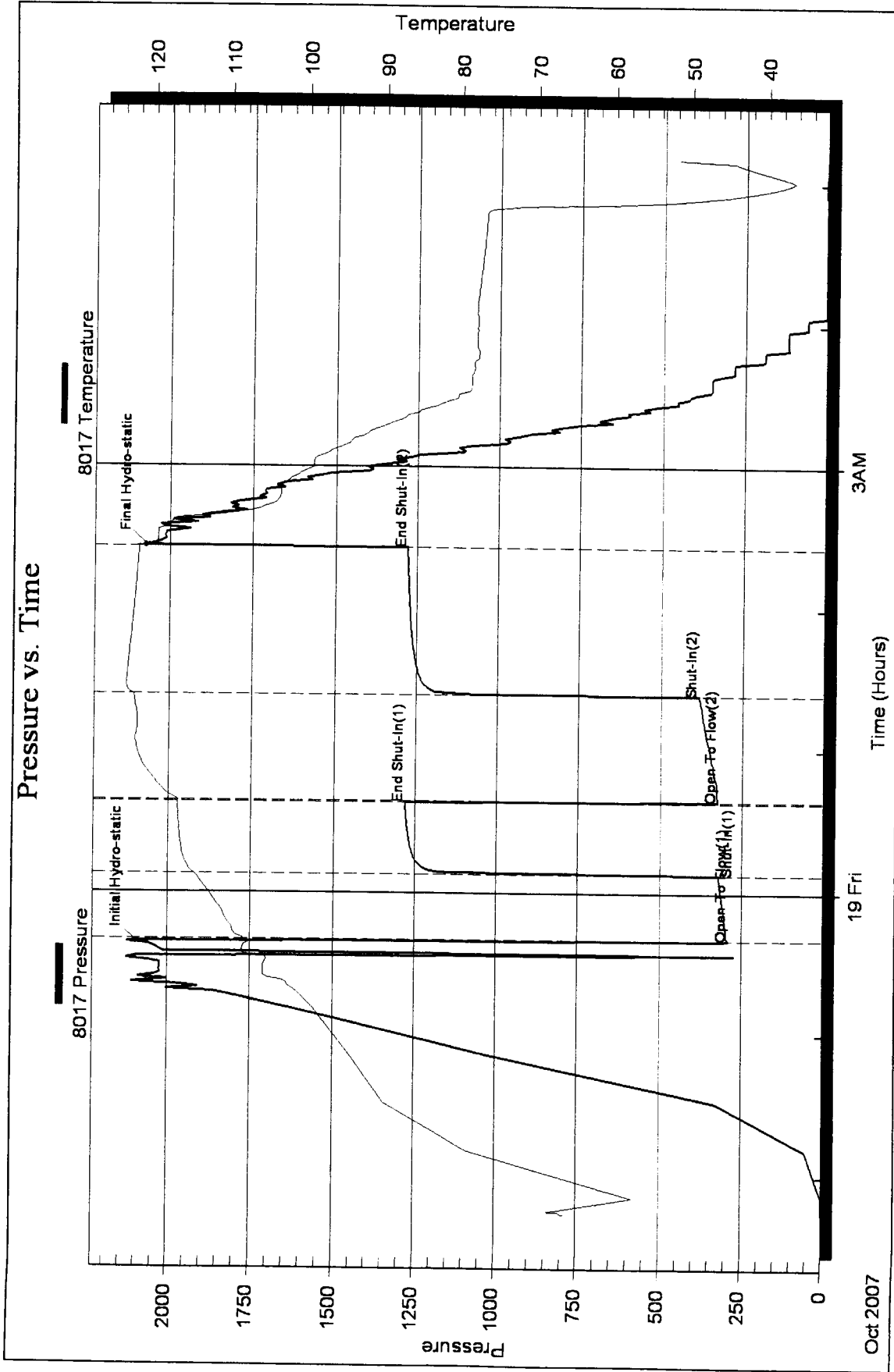
Inside

Shakespeare Oil CO Inc

9 13S 32W Logan KS

DST Test Number: 3

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 29682

Printed: 2007.10.25 @ 10:43:49 Page 6

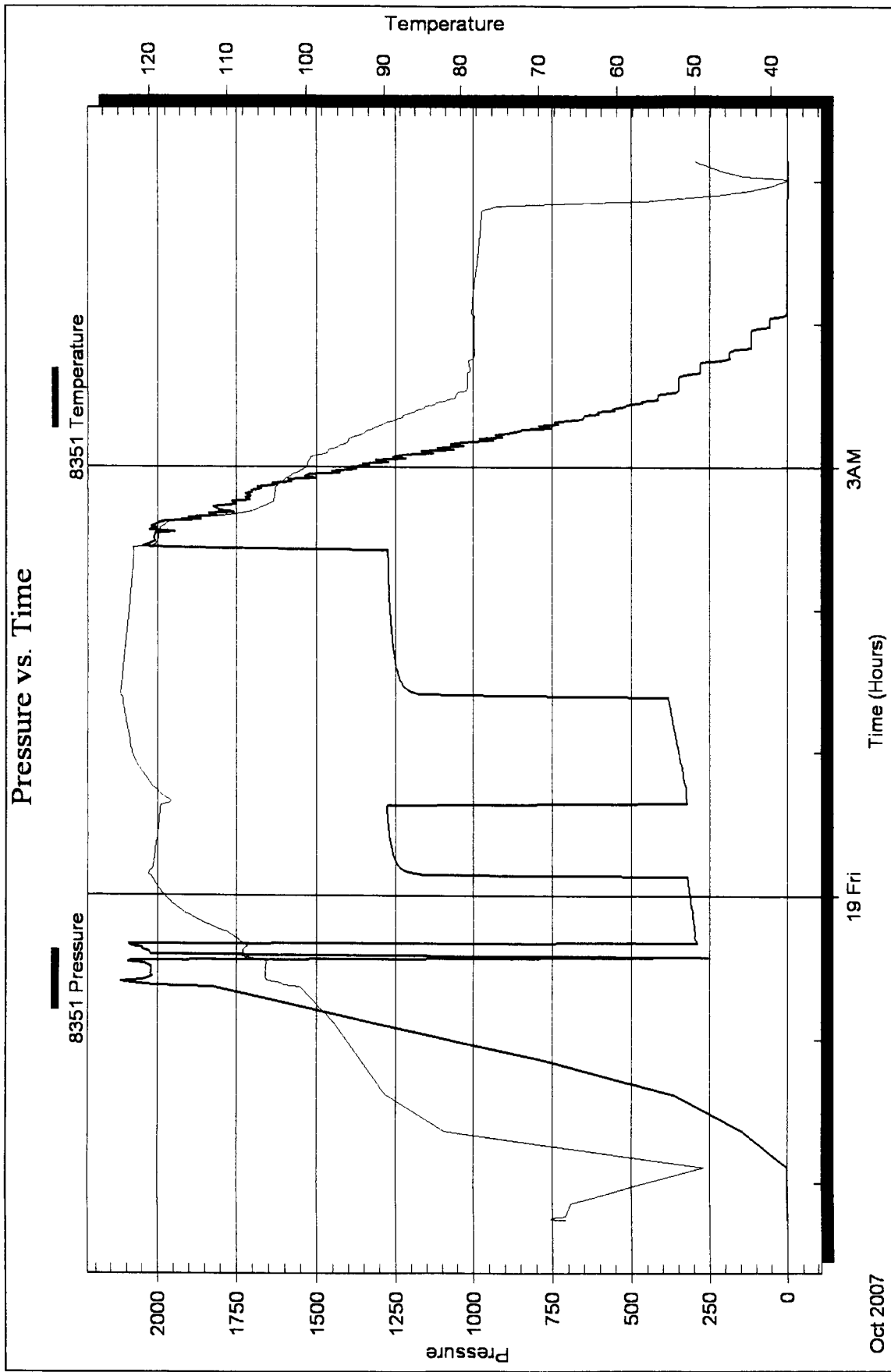
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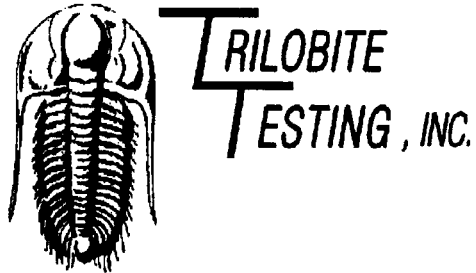
Inside

Shakespeare Oil CO Inc

9 13S 32W Logan KS

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil CO Inc**

202 W Main St
Salem IL 62881

ATTN: Tim Priest

9 13S 32W Logan KS

Frey #2-9

Start Date: 2007.10.19 @ 12:10:00

End Date: 2007.10.19 @ 19:00:30

Job Ticket #: 29683 DST #: 4

Trilobite Testing, Inc

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

Shakespeare Oil CO Inc

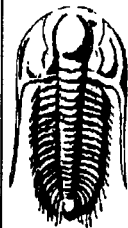
Frey #2-9

9 13S 32W Logan KS

DST # 4

KC "K"

2007.10.19



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil CO Inc

202 W Main St
Salem IL 62881

ATTN: Tim Priest

Frey #2-9

9 13S 32W Logan KS

Job Ticket: 29683

DST#: 4

Test Start: 2007.10.19 @ 12:10:00

GENERAL INFORMATION:

Formation: **KC "K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:58:00

Time Test Ended: 19:00:30

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: **4226.00 ft (KB) To 4258.00 ft (KB) (TVD)**

Total Depth: 4258.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3009.00 ft (KB)

2999.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8017 Inside

Press@RunDepth: 428.13 psig @ 4233.00 ft (KB)

Start Date: 2007.10.19

End Date: 2007.10.19

Start Time: 12:10:01

End Time: 19:00:30

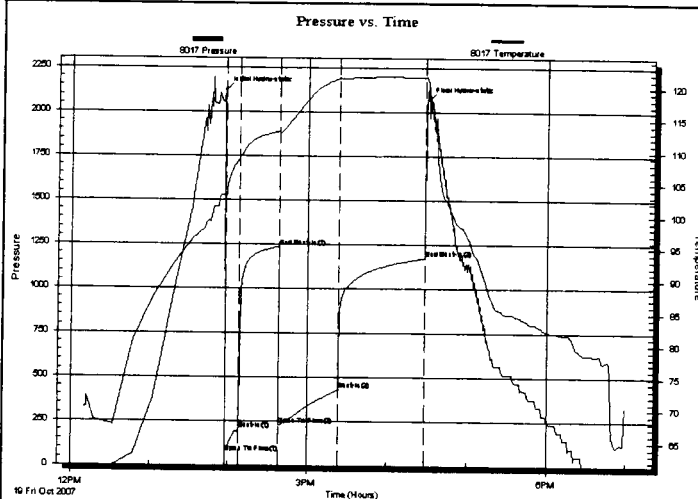
Capacity: 7000.00 psig

Last Calib.: 2007.10.19

Time On Btm: 2007.10.19 @ 13:57:15

Time Off Btm: 2007.10.19 @ 16:29:30

TEST COMMENT: IF BOB @ 3 min.
ISI BOB @ 21 min.
FF BOB @ 3 min.
FSI BOB @ 8 1/2 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2122.60	103.23	Initial Hydro-static
1	71.53	102.38	Open To Flow (1)
11	199.46	109.04	Shut-In(1)
41	1236.47	113.22	End Shut-In(1)
42	225.78	112.96	Open To Flow (2)
86	428.13	121.43	Shut-In(2)
151	1172.37	121.54	End Shut-In(2)
153	2067.19	121.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1129.00	GO 65%G 35%O	11.03
32.00	GO 45%G 55%O	0.45

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil CO Inc

Frey #2-9

202 W Main St
Salem IL 62881

9 13S 32W Logan KS

Job Ticket: 29683

DST#: 4

ATTN: Tim Priest

Test Start: 2007.10.19 @ 12:10:00

Tool Information

Drill Pipe:	Length: 3707.00 ft	Diameter: 3.80 inches	Volume: 52.00 bbl	Tool Weight: 2000.00 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: 528.00 ft	Diameter: 2.25 inches	Volume: 2.60 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 54.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4226.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 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
Shut In Tool	5.00			4212.00	
Hydraulic tool	5.00			4217.00	
Packer	5.00			4222.00	19.00 Bottom Of Top Packer
Packer	4.00			4226.00	
Stubb	1.00			4227.00	
Perforations	6.00			4233.00	
Recorder	0.00	8017	Inside	4233.00	
Recorder	0.00	8351	Inside	4233.00	
Perforations	20.00			4253.00	
Bullnose	5.00			4258.00	32.00 Bottom Packers & Anchor
Total Tool Length:	51.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil CO Inc

Frey #2-9

202 W Main St
Salem IL 62881

9 13S 32W Logan KS

Job Ticket: 29683

DST#: 4

ATTN: Tim Priest

Test Start: 2007.10.19 @ 12:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 9.57 in³

Resistivity: 0.00 ohm.m

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 39 deg API

Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1129.00	GO 65%G 35%O	11.027
32.00	GO 45%G 55%O	0.449

Total Length: 1161.00 ft Total Volume: 11.476 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1680' GIP

API: 39 @ 80 degrees F = 37

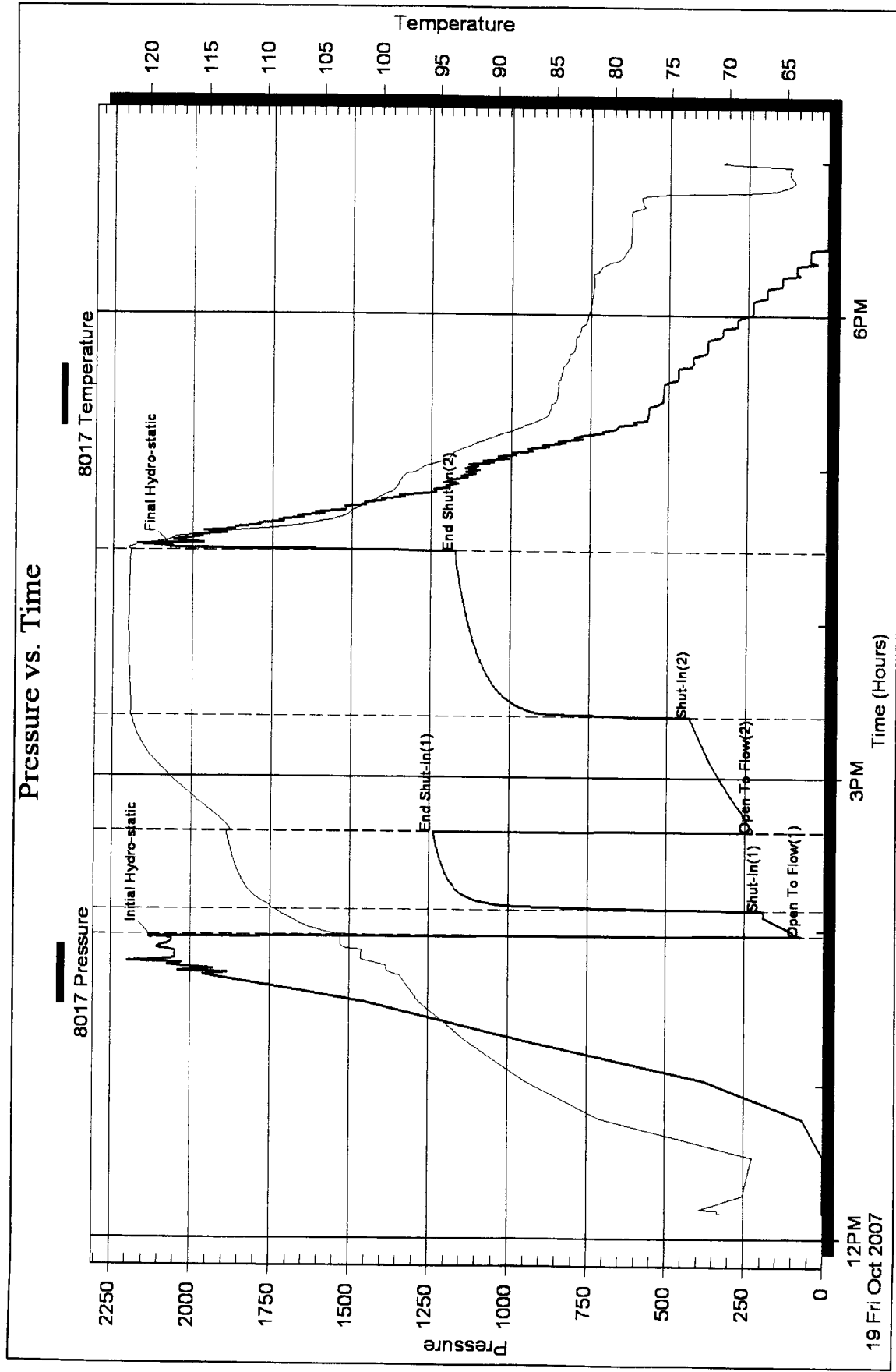
Serial #: 8017

Inside

Shakespeare Oil CO Inc

9 13S 32W Logan KS

DST Test Number: 4



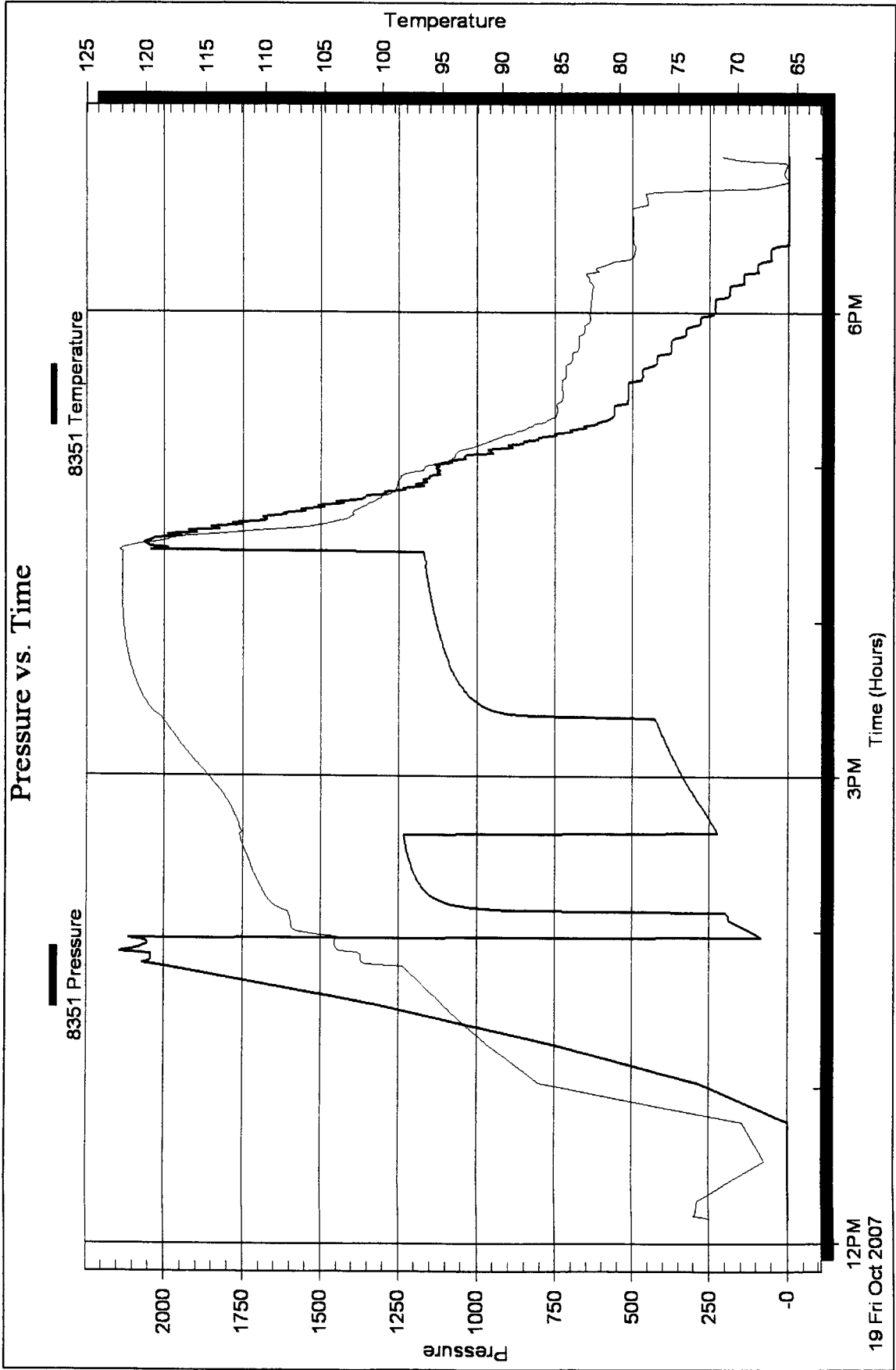
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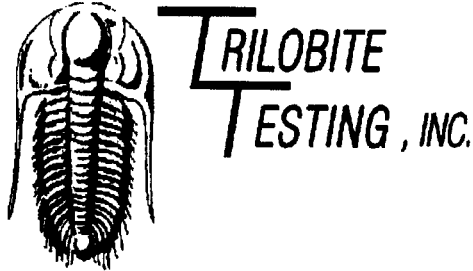
Inside

Shakespeare Oil CO Inc

9 13S 32W Logan KS

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil CO Inc**

202 W Main St
Salem IL 62881

ATTN: Tim Priest

9 13S 32W Logan KS

Frey #2-9

Start Date: 2007.10.20 @ 03:12:00

End Date: 2007.10.20 @ 10:19:00

Job Ticket #: 29684 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Shakespeare Oil CO Inc

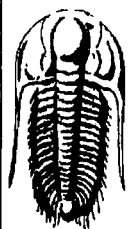
Frey #2-9

9 13S 32W Logan KS

DST # 5

KC "L"

2007.10.20



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil CO Inc

Frey #2-9

202 W Main St
Salem IL 62881

9 13S 32W Logan KS

ATTN: Tim Priest

Job Ticket: 29684

DST#: 5

Test Start: 2007.10.20 @ 03:12:00

GENERAL INFORMATION:

Formation: **KC "L"**

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

Time Tool Opened: 05:07:00

Time Test Ended: 10:19:00

Test Type: **Conventional Bottom Hole**

Tester: **Chuck Smith**

Unit No: **37**

Interval: **4260.00 ft (KB) To 4306.00 ft (KB) (TVD)**

Total Depth: **4306.00 ft (KB) (TVD)**

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

Reference Elevations: **3009.00 ft (KB)**

2999.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8017 **Inside**

Press@RunDepth: **342.91 psig @ 4268.00 ft (KB)**

Start Date: **2007.10.20**

End Date: **2007.10.20**

Start Time: **03:12:01**

End Time: **10:19:00**

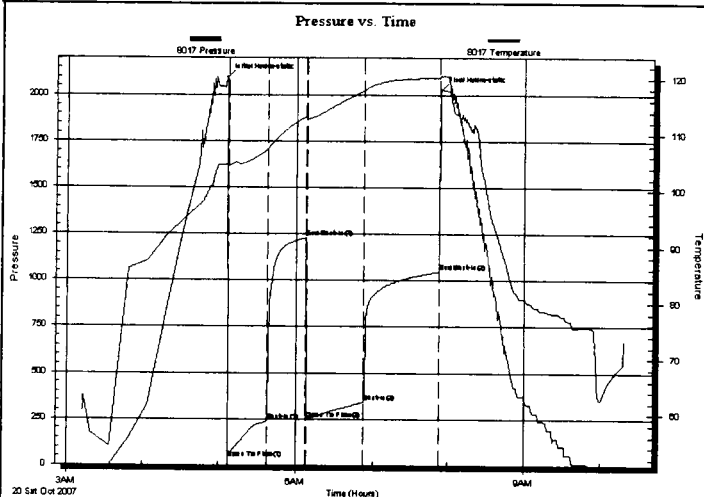
Capacity: **7000.00 psig**

Last Calib.: **2007.10.20**

Time On Btm: **2007.10.20 @ 05:06:00**

Time Off Btm: **2007.10.20 @ 07:54:00**

TEST COMMENT: IF BOB @ 7 1/2 min.
ISI Return built to 6 "
FF BOB @ 6 min.
FSI Return built to 6 "



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2096.31	104.73	Initial Hydro-static
1	33.52	104.48	Open To Flow (1)
32	238.51	107.39	Shut-In(1)
62	1229.03	113.15	End Shut-In(1)
63	251.22	112.90	Open To Flow (2)
107	342.91	117.84	Shut-In(2)
168	1048.16	120.13	End Shut-In(2)
168	2027.17	120.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
279.00	GMWCO 25%G 10%M 50%O 15%W	1.37
566.00	GO 30%G 70%O	5.67

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil CO Inc

Frey #2-9

202 W Main St
Salem IL 62881

9 13S 32W Logan KS

Job Ticket: 29684

DST#: 5

ATTN: Tim Priest

Test Start: 2007.10.20 @ 03:12:00

Tool Information

Drill Pipe:	Length: 3745.00 ft	Diameter: 3.80 inches	Volume: 52.53 bbl	Tool Weight: 2000.00 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: 528.00 ft	Diameter: 2.25 inches	Volume: 2.60 bbl	Weight to Pull Loose: 96000.00 lb
			<u>Total Volume: 55.13 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4260.00 ft			Final 81000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	65.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4246.00	
Hydraulic tool	5.00			4251.00	
Packer	5.00			4256.00	19.00 Bottom Of Top Packer
Packer	4.00			4260.00	
Stubb	1.00			4261.00	
Perforations	7.00			4268.00	
Recorder	0.00	8017	Inside	4268.00	
Recorder	0.00	8351	Inside	4268.00	
Change Over Sub	1.00			4269.00	
Anchor	31.00			4300.00	
Change Over Sub	1.00			4301.00	
Bullnose	5.00			4306.00	46.00 Bottom Packers & Anchor

Total Tool Length: 65.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil CO Inc

Frey #2-9

202 W Main St
Salem IL 62881

9 13S 32W Logan KS

Job Ticket: 29684

DST#: 5

ATTN: Tim Priest

Test Start: 2007.10.20 @ 03:12:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
279.00	GMWCO 25%G 10%M 50%O 15%W	1.372
566.00	GO 30%G 70%O	5.671

Total Length: 845.00 ft Total Volume: 7.043 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 760' GIP

API 29 @ 60 degrees F = 29.

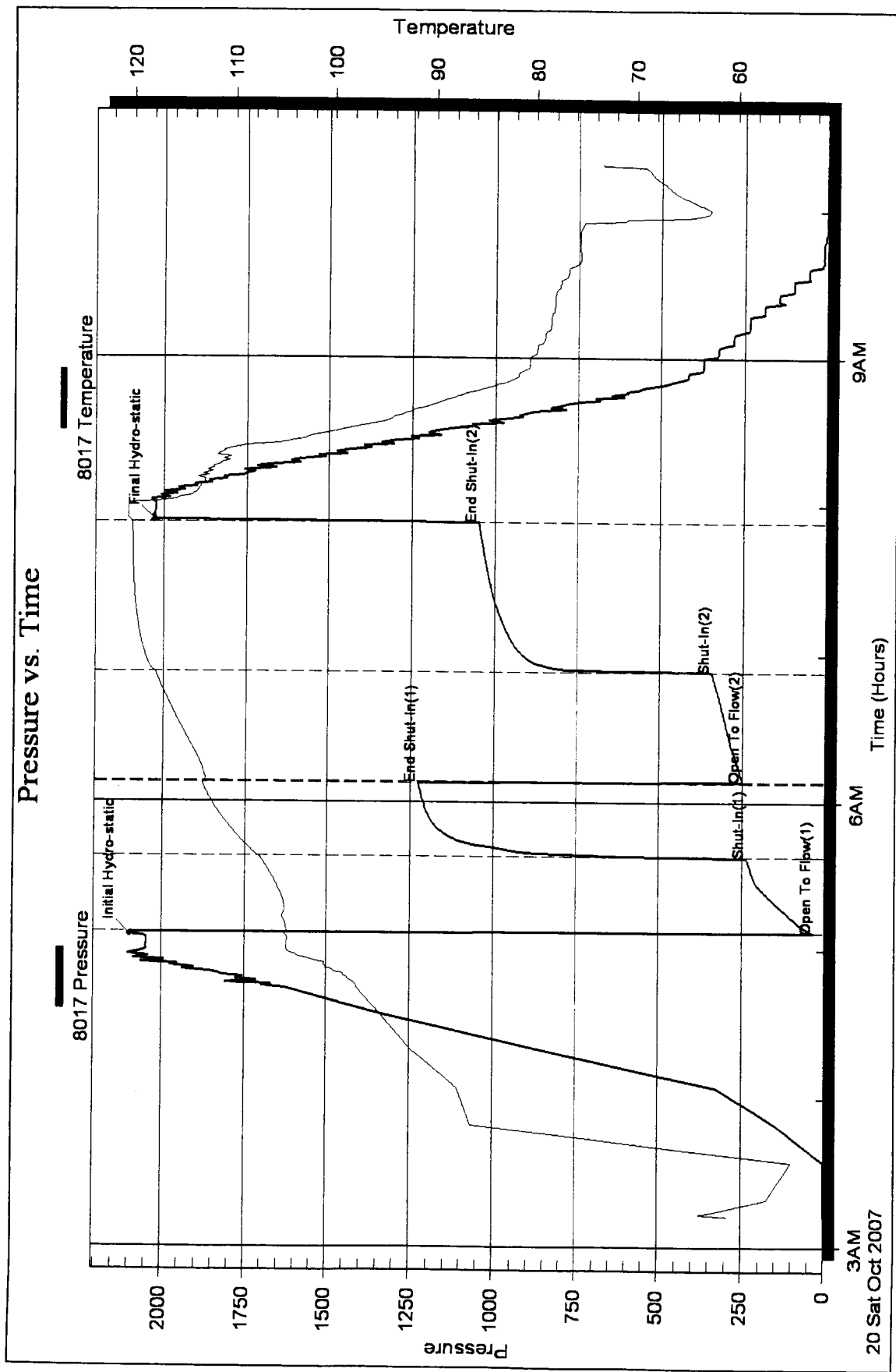
Serial #: 8017

Inside

Shakespeare Oil CO Inc

9 13S 32W Logan KS

DST Test Number: 5



Serial #: 8351

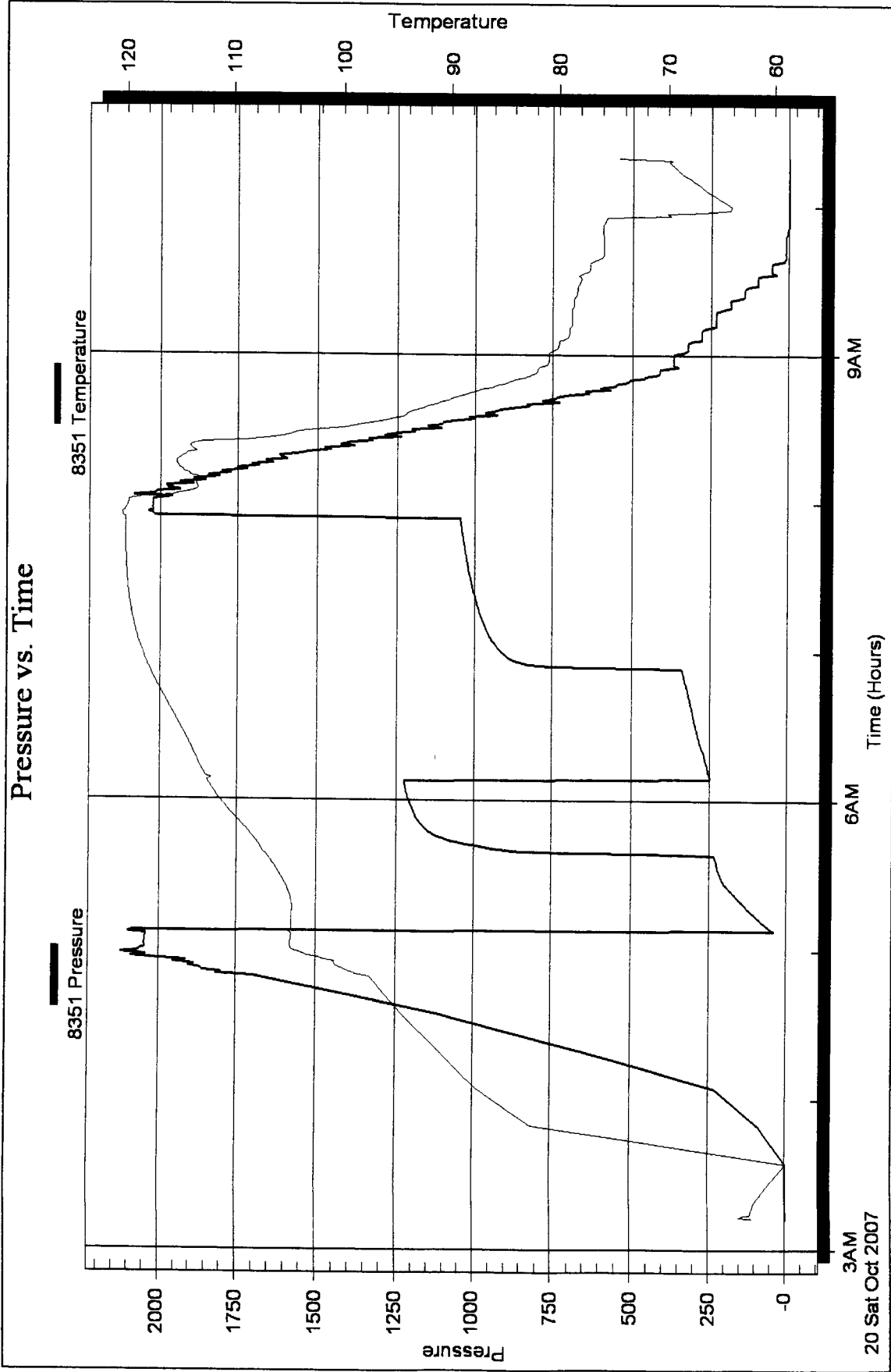
Inside

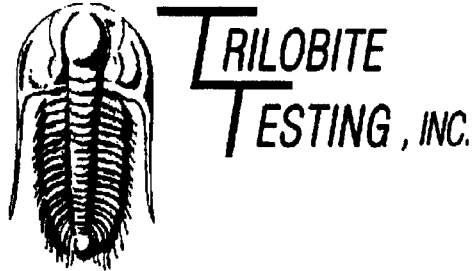
Shakespeare Oil CO Inc

9 13S 32W Logan KS

DST Test Number: 5

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil CO Inc**

202 W Main St
Salem IL 62881

ATTN: Tim Priest

9 13S 32W Logan KS

Frey #2-9

Start Date: 2007.10.20 @ 23:36:00

End Date: 2007.10.21 @ 07:37:30

Job Ticket #: 29685 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil CO Inc

Frey #2-9

202 W Main St
Salem IL 62881

9 13S 32W Logan KS

ATTN: Tim Priest

Job Ticket: 29685

DST#: 6

Test Start: 2007.10.20 @ 23:36:00

GENERAL INFORMATION:

Formation: **Marmaton/Pawnee**

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

Time Tool Opened: 02:16:45

Time Test Ended: 07:37:30

Test Type: **Conventional Bottom Hole**

Tester: **Chuck Smith**

Unit No: **37**

Interval: **4338.00 ft (KB) To 4441.00 ft (KB) (TVD)**

Total Depth: **4441.00 ft (KB) (TVD)**

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

Reference Elevations: **3009.00 ft (KB)**

2999.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8017

Inside

Press@RunDepth: **146.72 psig @ 4340.00 ft (KB)**

Start Date: **2007.10.20**

End Date:

2007.10.21

Start Time: **23:36:01**

End Time:

07:37:30

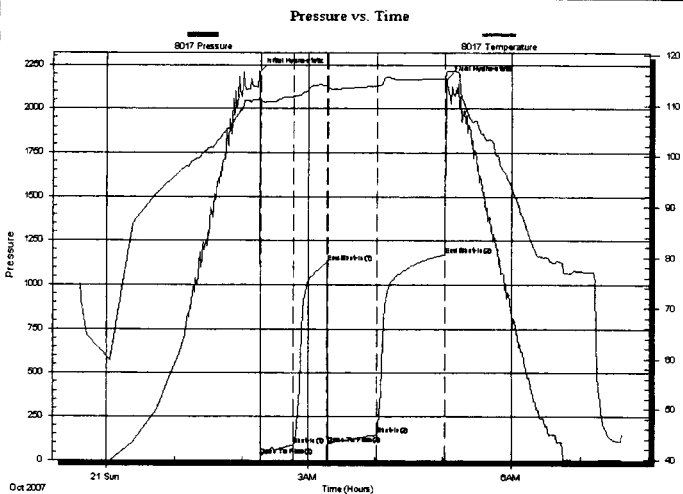
Capacity: **7000.00 psig**

Last Calib.: **2007.10.21**

Time On Btm: **2007.10.21 @ 02:15:30**

Time Off Btm: **2007.10.21 @ 05:03:15**

TEST COMMENT: IF Blow built to 11 "
ISI No return
FF BOB @ 29 min.
FSI Return built to 4 "



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2207.47	111.86	Initial Hydro-static
2	25.21	111.16	Open To Flow (1)
31	88.14	111.77	Shut-in(1)
62	1128.03	113.99	End Shut-in(1)
62	90.84	113.64	Open To Flow (2)
107	146.72	113.82	Shut-in(2)
167	1171.29	115.35	End Shut-in(2)
168	2163.87	116.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	GOCM 10%G 15%O 75%M	0.44
235.00	GOCM 10%G 10%O 80%M	1.16

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil CO Inc

Frey #2-9

202 W Main St
Salem IL 62881

9 13S 32W Logan KS

ATTN: Tim Priest

Job Ticket: 29685

DST#: 6

Test Start: 2007.10.20 @ 23:36:00

Tool Information

Drill Pipe:	Length: 3808.00 ft	Diameter: 3.80 inches	Volume: 53.42 bbl	Tool Weight: 2000.00 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: 528.00 ft	Diameter: 2.25 inches	Volume: 2.60 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 56.02 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 77000.00 lb
Depth to Top Packer:	4338.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	103.00 ft			
Tool Length:	123.00 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			4319.00	
Shut In Tool	5.00			4324.00	
Hydraulic tool	5.00			4329.00	
Packer	5.00			4334.00	20.00 Bottom Of Top Packer
Packer	4.00			4338.00	
Stubb	1.00			4339.00	
Perforations	1.00			4340.00	
Recorder	0.00	8017	Inside	4340.00	
Recorder	0.00	8351	Inside	4340.00	
Perforations	31.00			4371.00	
Change Over Sub	1.00			4372.00	
Anchor	63.00			4435.00	
Change Over Sub	1.00			4436.00	
Bullnose	5.00			4441.00	103.00 Bottom Packers & Anchor
Total Tool Length:	123.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil CO Inc

Frey #2-9

202 W Main St
Salem IL 62881

9 13S 32W Logan KS

Job Ticket: 29685

DST#: 6

ATTN: Tim Priest

Test Start: 2007.10.20 @ 23:36:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: 0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 2700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	GOQM 10%G 15%O 75%M	0.443
235.00	GOQM 10%G 10%O 80%M	1.156

Total Length: 325.00 ft Total Volume: 1.599 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 45' GIP

Serial #: 8017

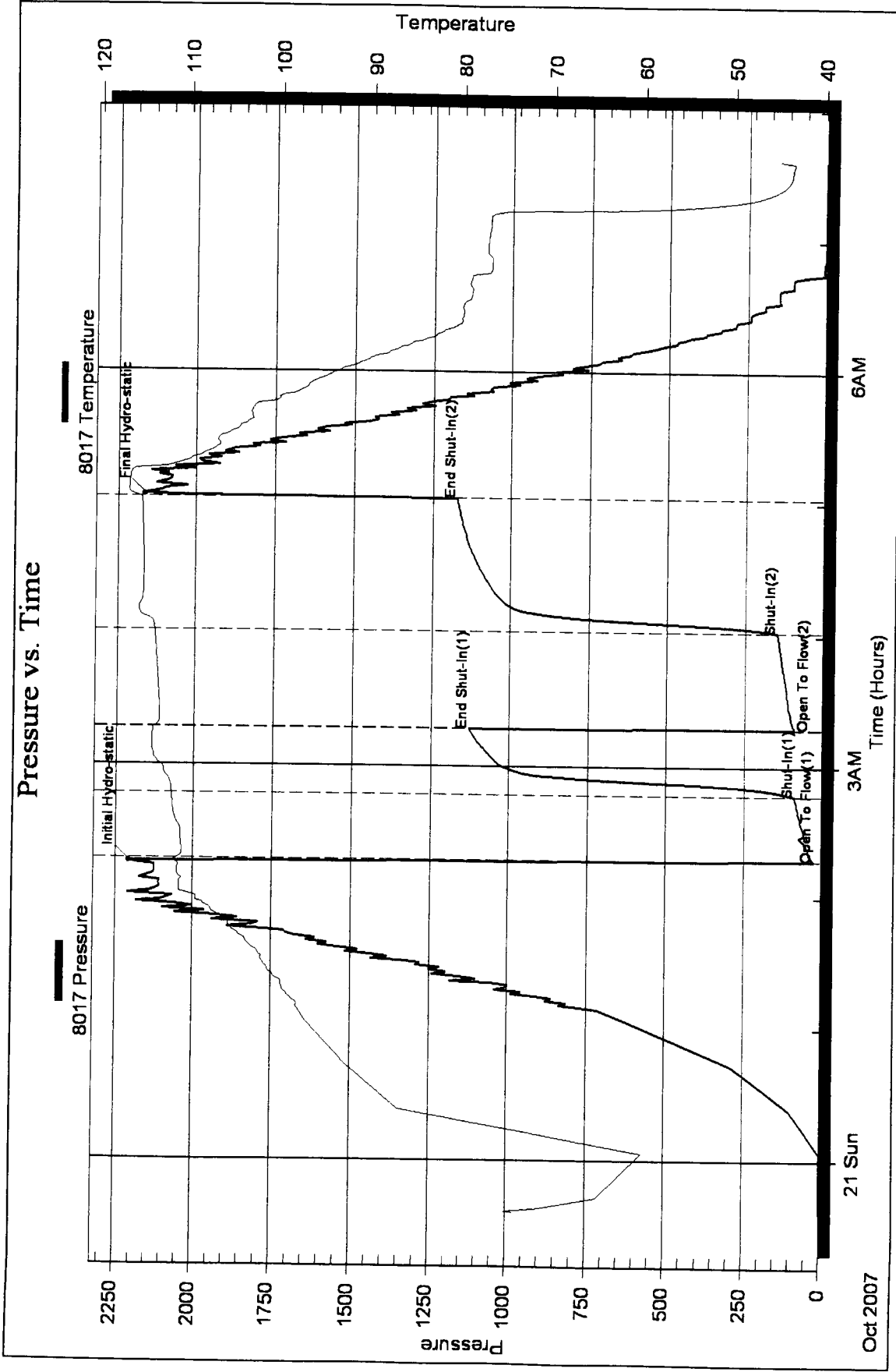
Inside

Shakespeare Oil CO Inc

9 13S 32W Logan KS

DST Test Number: 6

Pressure vs. Time



Serial #: 8351

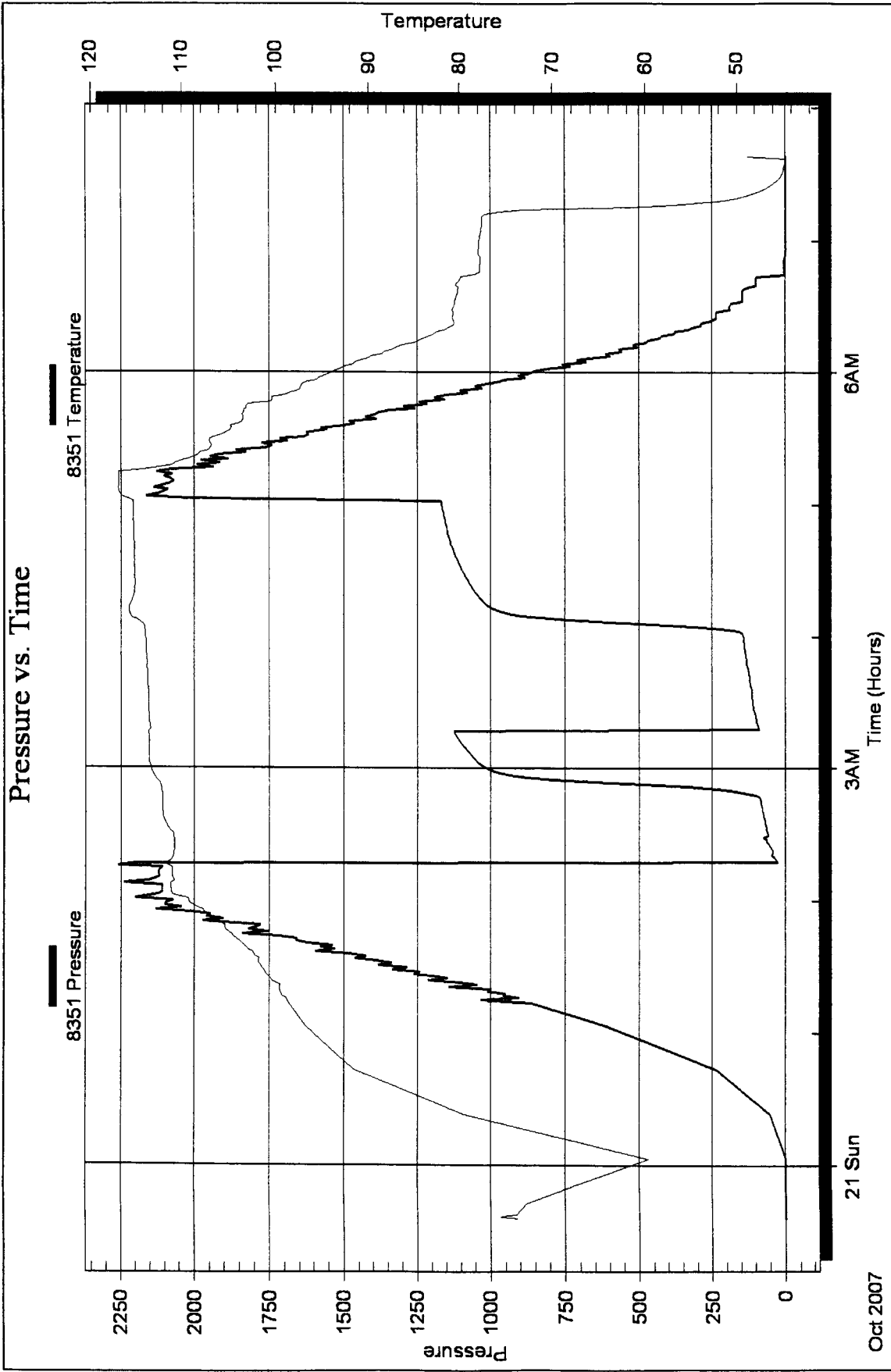
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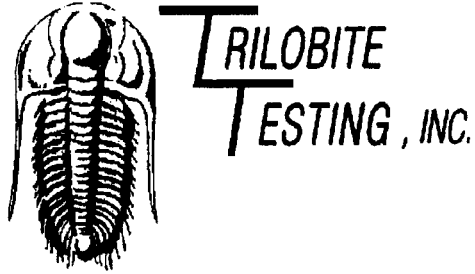
Shakespeare Oil CO Inc

9 13S 32W Logan KS

DST Test Number: 6

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil CO Inc**

202 W Main St
Salem IL 62881

ATTN: Tim Priest

9 13S 32W Logan KS

Frey #2-9

Start Date: 2007.10.21 @ 22:07:00

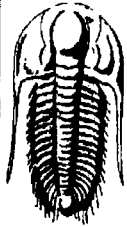
End Date: 2007.10.22 @ 05:54:45

Job Ticket #: 29686 DST #: 7

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil CO Inc

202 W Main St
Salem IL 62881

ATTN: Tim Priest

Frey #2-9

9 13S 32W Logan KS

Job Ticket: 29686

DST#: 7

Test Start: 2007.10.21 @ 22:07:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:26:00

Time Test Ended: 05:54:45

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: **4530.00 ft (KB) To 4580.00 ft (KB) (TVD)**

Total Depth: 4580.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3009.00 ft (KB)

2999.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8017 Inside

Press@RunDepth: 423.17 psig @ 4535.00 ft (KB)

Start Date: 2007.10.21

End Date:

2007.10.22

Start Time: 22:07:01

End Time:

05:54:45

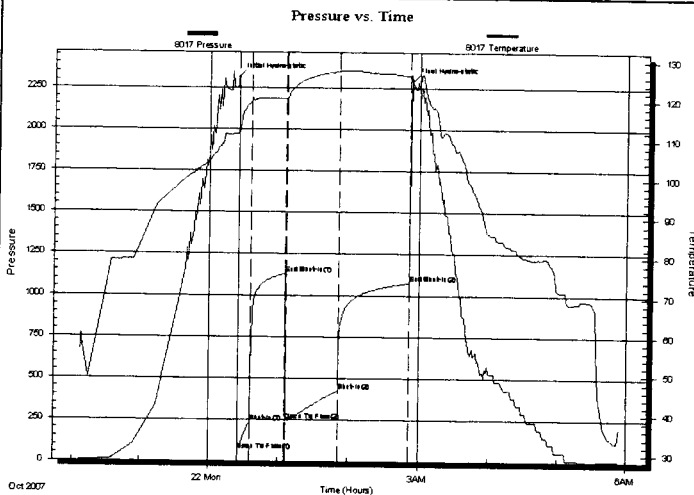
Capacity: 7000.00 psig

Last Calib.: 2007.10.22

Time On Btm: 2007.10.22 @ 00:25:15

Time Off Btm: 2007.10.22 @ 02:54:00

TEST COMMENT: IF BOB @ 3 1/2 min.
ISI Return built to 8 "
FF BOB @ 3 min.
FSI BOB @ 10 min.



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2313.96	112.03	Initial Hydro-static
1	65.34	111.51	Open To Flow (1)
11	231.37	119.92	Shut-In(1)
41	1129.33	120.62	End Shut-In(1)
42	244.80	120.27	Open To Flow (2)
86	423.17	127.42	Shut-In(2)
147	1074.60	126.36	End Shut-In(2)
149	2293.54	123.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
528.00	GWOCM 10%G 15%W 15%O 60%M	2.60
490.00	GO 40%G 60%O	6.87

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil CO Inc

Frey #2-9

202 W Main St
Salem IL 62881

9 13S 32W Logan KS

Job Ticket: 29686

DST#: 7

ATTN: Tim Priest

Test Start: 2007.10.21 @ 22:07:00

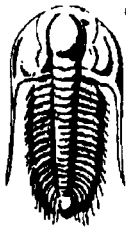
Tool Information

Drill Pipe:	Length: 3998.00 ft	Diameter: 3.80 inches	Volume: 56.08 bbl	Tool Weight:	2000.00 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: 528.00 ft	Diameter: 2.25 inches	Volume: 2.60 bbl	Weight to Pull Loose:	100000.0 lb
			<u>Total Volume: 58.68 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	80000.00 lb
Depth to Top Packer:	4530.00 ft			Final	83000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	50.00 ft				
Tool Length:	70.00 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			4511.00	
Shut In Tool	5.00			4516.00	
Hydraulic tool	5.00			4521.00	
Packer	5.00			4526.00	20.00 Bottom Of Top Packer
Packer	4.00			4530.00	
Stubb	1.00			4531.00	
Perforations	4.00			4535.00	
Recorder	0.00	8017	Inside	4535.00	
Recorder	0.00	8351	Inside	4535.00	
Perforations	7.00			4542.00	
Change Over Sub	1.00			4543.00	
Anchor	31.00			4574.00	
Change Over Sub	1.00			4575.00	
Bullnose	5.00			4580.00	50.00 Bottom Packers & Anchor

Total Tool Length: 70.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil CO Inc

Frey #2-9

202 W Main St
Salem IL 62881

9 13S 32W Logan KS

Job Ticket: 29686

DST#: 7

ATTN: Tim Priest

Test Start: 2007.10.21 @ 22:07:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

21000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
528.00	GWOCM 10%G 15%W 15%O 60%M	2.597
490.00	GO 40%G 60%O	6.873

Total Length: 1018.00 ft Total Volume: 9.470 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 200' GIP

API 35 @ 40 degrees F = 37.

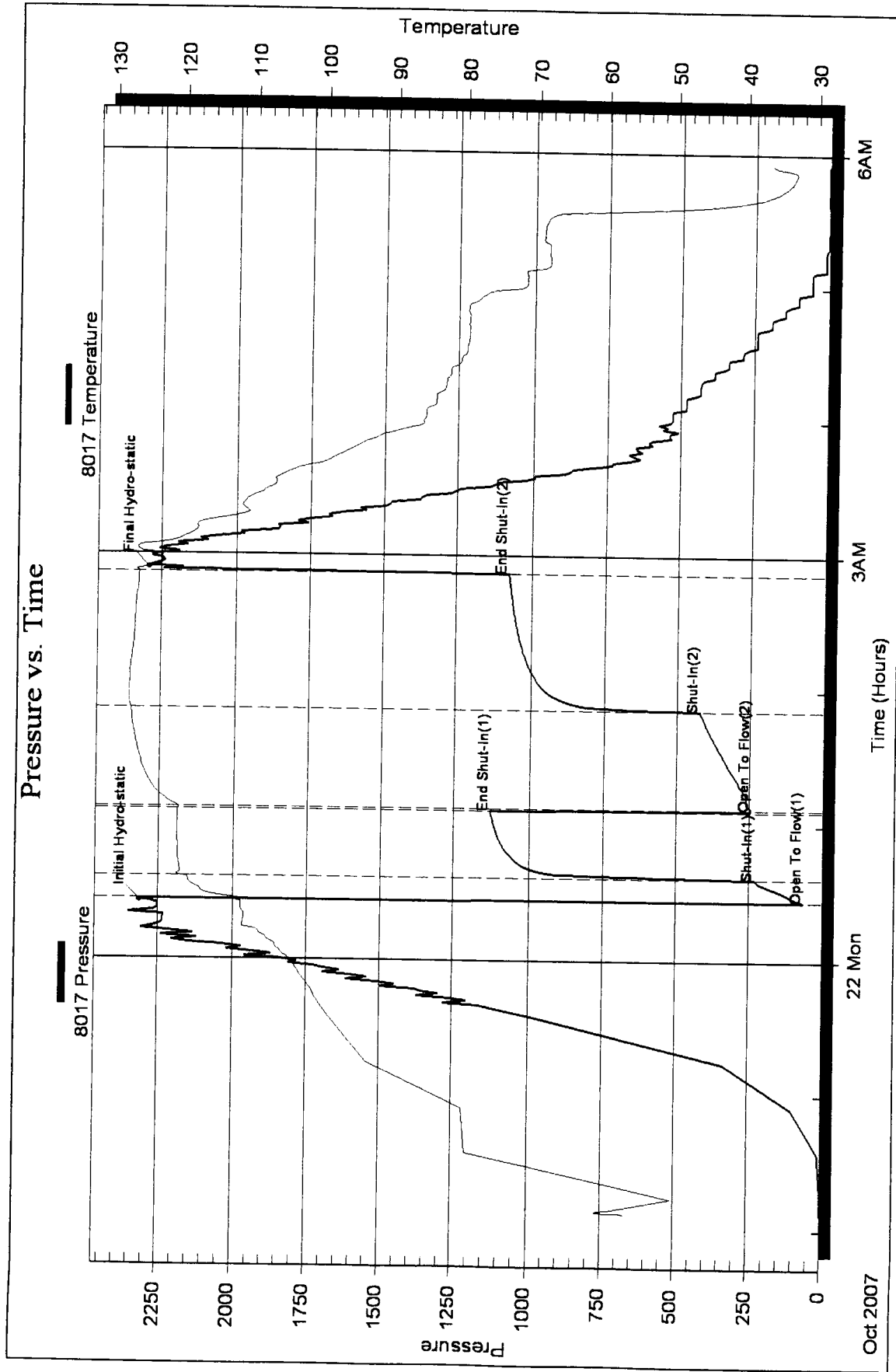
Serial #: 8017

Inside

Shakespeare Oil CO Inc

9 13S 32W Logan KS

DST Test Number: 7



Trilobite Testing, Inc

Ref. No: 29686

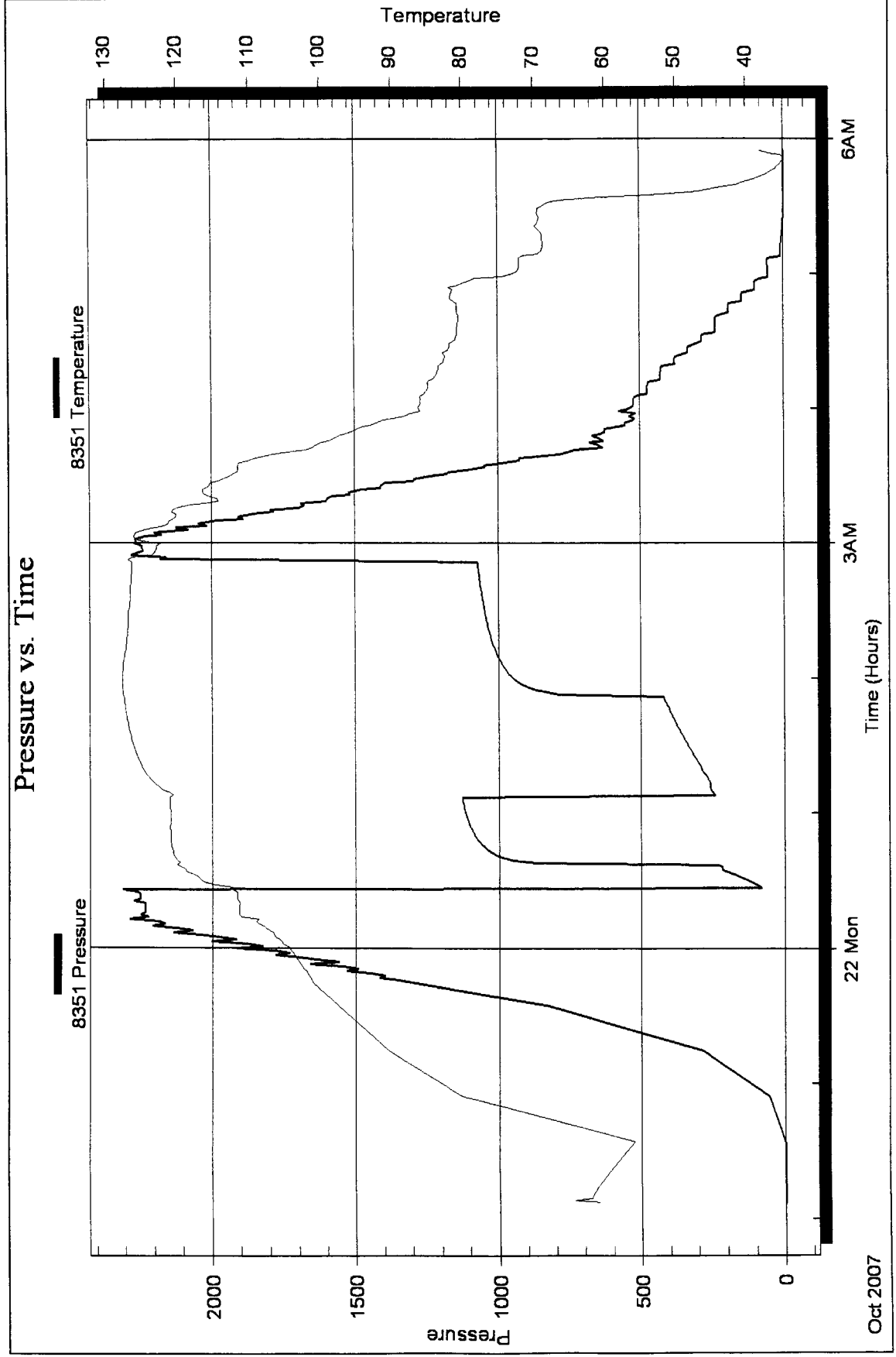
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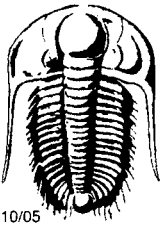
Inside

Shakespeare Oil CO Inc

9 13S 32W Logan KS

DST Test Number: 7





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29680

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OCT 25 2007

10794

BY: _____

Test Ticket

Well Name & No. Frey #2-9 Test No. 1 Date 10-17-07
 Company Shakespeare Oil Co., Inc. Zone Tested L/Kc "B+C"
 Address 202 W. Main St. Salem, IL 62881 Elevation 3009 KB 2999 GL
 Co. Rep / Geo. Tim Priest Rig M.D.C. #14
 Location: Sec. 9 Twp. 13~~4~~ Rge. 32~~W~~ Co. Logan State Ks
 Comment: _____ Release date / time: _____

Interval Tested 4060 TO 4010 TO 4060 Initial Str Wt./Lbs. 80,000 Unseated Str Wt/Lbs. 83,000
 Anchor Length 50 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 95,000
 Top Packer Depth 4006 Tool Weight 2,000
 Bottom Packer Depth 4010 Hole Size 7 7/8" X Rubber Size 6 3/4" X
 Total Depth 4060 Wt. Pipe Run 0 Drill Collar Run 528
 Mud Wt. 9.0 LCM 1 Vis. 50 WL 6.4 Drill Pipe Size 4 1/2 Ft. Run 3,491
 Blow Description IF: B.O.B. @ 20 min.

ISI: No return.
FF: B.O.B. @ 24 min.
FSE: No return.

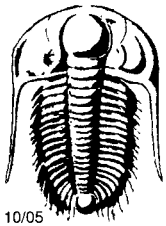
Recovery - Total Feet 700 GIP - Ft. in DC 528 Ft. in DP 172
 Rec. 700 Feet of MCW w/spots of oil %gas %oil 90 %water 10 %mud
 Rec. _____ Feet of in tool. %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 117 °F Gravity - °API D @ _____ °F Corrected Gravity - °API
 RW .340 @ 82 °F Chlorides 17,000 ppm Recovery 17,000 Chlorides 1,700 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1,965</u>	PSI	<u>8017</u>	<u>X</u> <u>1,200'</u>
(B) First Initial Flow Pressure	<u>20</u>	PSI	(depth) <u>4012</u>	Jars _____
(C) First Final Flow Pressure	<u>230</u>	PSI	Recorder No. <u>8351</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1,189</u>	PSI	(depth) <u>4012</u>	Circ Sub <u>X</u> <u>N/C</u>
(E) Second Initial Flow Pressure	<u>232</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>347</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1,201</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1,908</u>	PSI	Initial Shut-In <u>30</u>	Shale Packer _____
			Final Flow <u>45</u>	Ruined Packer _____
			Final Shut-In <u>60</u>	Mileage <u>70 RT 87⁵⁰</u>

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

T-On Location 9:35 Sub Total: _____
 T-Started 10:06 Std. By _____
 T-Open 11:58 Acc. Chg: _____
 T-Pulled 14:47 Other: 1787.50
 T-Out 16:20 Total: _____

Approved By _____
 Our Representative Chuck Smith



TRILOBITE TESTING INC.

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29681

RECEIVED
OCT 25 2007

Test Ticket

BY: _____

Well Name & No. <u>Frey #2-9</u>	Test No. <u>2</u>	Date <u>10-18-07</u>
Company <u>Shakespeare Oil Co., Inc.</u>	Zone Tested <u>KC "I"</u>	
Address <u>202 W. Main St. Salem, IL 62881</u>	Elevation <u>3009</u>	KB <u>2999</u> GL
Co. Rep / Geo. <u>Tim Priest</u>	Rig <u>M.D.C. #14</u>	
Location: Sec. <u>9</u> Twp. <u>13s</u> Rge. <u>32w</u>	Co. <u>Logan</u>	State <u>KS</u>
Comment: _____	Release date / time: _____	

Interval Tested <u>4170 TO 4200</u>	Initial Str Wt./Lbs. <u>77,000</u>	Unseated Str Wt/Lbs. <u>78,000</u>
Anchor Length <u>30</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>90,000</u>
Top Packer Depth <u>4166</u>	Tool Weight <u>2,000</u>	
Bottom Packer Depth <u>4170</u>	Hole Size 7 7/8" <u>X</u>	Rubber Size 6 3/4" <u>X</u>
Total Depth <u>4200</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>528</u>
Mud Wt. <u>9.1</u> LCM <u>551</u> Vis. <u>55</u> WL <u>7.2</u>	Drill Pipe Size <u>4 1/2</u>	Ft. Run <u>3649</u>

Blow Description IF: Blow built to 11".
ISI: Weak return through out.
FF: B.O.B. @ 39 min.
FSI: Weak return died @ 45 min.

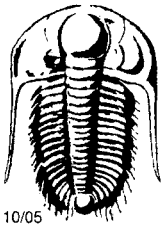
Recovery - Total Feet <u>325</u>	GIP <u>425</u>	Ft. in DC <u>325</u>	Ft. in DP <u>0</u>
Rec. <u>140</u> Feet of <u>GMC0</u>	<u>20</u> %gas	<u>70</u> %oil	%water <u>10</u> %mud
Rec. <u>185</u> Feet of <u>GDCM</u>	<u>45</u> %gas	<u>5</u> %oil	%water <u>50</u> %mud
Rec. _____ Feet of _____	%gas	%oil	%water _____ %mud
Rec. _____ Feet of _____	%gas	%oil	%water _____ %mud
Rec. _____ Feet of _____	%gas	%oil	%water _____ %mud
BHT <u>118</u> °F Gravity <u>36</u> °API D @ <u>60</u> °F Corrected Gravity <u>33.36</u> °API			
RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides <u>1,900</u> ppm System			

(A) Initial Hydrostatic Mud	AK-1 <u>2069</u> PSI	Alpine	Recorder No. <u>8017</u>	Test X <u>1,200-</u>
(B) First Initial Flow Pressure	<u>19</u> PSI		(depth) <u>4175</u>	Jars _____
(C) First Final Flow Pressure	<u>80</u> PSI		Recorder No. <u>8351</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1,221</u> PSI		(depth) <u>4175</u>	Circ Sub <u>X</u> <u>N/C</u>
(E) Second Initial Flow Pressure	<u>85</u> PSI		Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>146</u> PSI		(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1,217</u> PSI	Initial Opening <u>30</u>		Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2,021</u> PSI	Initial Shut-In <u>45</u>		Shale Packer _____

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Approved By [Signature]
 Our Representative Chuck Smith

Final Flow <u>60</u>	Ruined Packer _____
Final Shut-In <u>90</u>	Mileage <u>70RT</u> <u>87⁵⁰</u>
T-On Location <u>6:10</u>	Sub Total: _____
T-Started <u>6:30</u>	Std. By _____
T-Open <u>8:20</u>	Acc. Chg: _____
T-Pulled <u>12:06</u>	Other: _____
T-Out <u>14:45</u>	Total: <u>1287.50</u>



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29682

RECEIVED
OCT 22 2007

BY: _____

Test Ticket

Well Name & No. Frey #2-9 Test No. 3 Date 10-18-07
 Company Shakespeare Oil Co., Inc. Zone Tested "KC" "J"
 Address 202 W. Main St. Salem, IL 62881 Elevation 3009 KB 2999 GL
 Co. Rep / Geo. Tim Priest Rig M.D.C. #14
 Location: Sec. 9 Twp. 134 Rge. 32W Co. Logan State KS
 Comment: _____ Release date / time: _____

Interval Tested 4200 TO 4226 Initial Str Wt./Lbs. 80,000 Unseated Str Wt./Lbs. 82,000
 Anchor Length 26 Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 95,000
 Top Packer Depth 4194 Tool Weight 2,000
 Bottom Packer Depth 4200 Hole Size 7 7/8" X Rubber Size 6 3/4" X
 Total Depth 4226 Wt. Pipe Run 0 Drill Collar Run 528

Mud Wt. 9.2 LCM 1 Vis. 56 WL 7.2 Drill Pipe Size 4 1/2 Ft. Run 3682
 Blow Description IF: Packer failure on initial open. 2nd attempt held, B.O.B. @ 29 min.
ISL: Weak return died @ 4 min.
FF: B.O.B. @ 26 min.
FSL: Return built to 5".

Recovery - Total Feet 790 GIP 140 Ft. in DC 528 Ft. in DP 262
 Rec. 45 Feet of GOCM 10 %gas 5 %oil %water 85 %mud
 Rec. 375 Feet of GOCM 15 %gas 12 %oil %water 73 %mud
 Rec. 370 Feet of GMCW w/scum of oil 10 %gas %oil 80 %water 10 %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 122 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .520 @ 38 °F Chlorides 20,000 ppm Recovery 20,000 Chlorides 1,700 ppm System

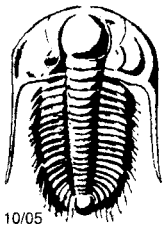
	AK-1	Alpine				
(A) Initial Hydrostatic Mud	<u>2099</u>	PSI	Recorder No.	<u>8017</u>	Test	<u>X</u> <u>1,200'</u>
(B) First Initial Flow Pressure	<u>290</u>	PSI	(depth)	<u>4201</u>	Jars	_____
(C) First Final Flow Pressure	<u>321</u>	PSI	Recorder No.	<u>8351</u>	Safety Jt.	_____
(D) Initial Shut-In Pressure	<u>1281</u>	PSI	(depth)	<u>4201</u>	Circ Sub	<u>X</u> <u>N/C</u>
(E) Second Initial Flow Pressure	<u>324</u>	PSI	Recorder No.	_____	Sampler	_____
(F) Second Final Flow Pressure	<u>384</u>	PSI	(depth)	_____	Straddle	_____
(G) Final Shut-In Pressure	<u>1277</u>	PSI	Initial Opening	<u>30</u>	Ext. Packer	_____
(Q) Final Hydrostatic Mud	<u>2075</u>	PSI	Initial Shut-In	<u>30</u>	Shale Packer	_____

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Final Flow 45
 Final Shut-In 60
 T-On Location 21:40
 T-Started 21:44
 T-Open 23:40
 T-Pulled 2:25
 T-Out 5:10

Mileage 70RT 8752
 Sub Total: _____
 Std. By: _____
 Acc. Chg: _____
 Other: 81287.50
 Total: _____

Approved By _____
 Our Representative Chuck Smith



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29683

RECEIVED
OCT 22 2007

BY: _____

Test Ticket

Well Name & No. <u>Frey #2-9</u>	Test No. <u>4</u>	Date <u>10-19-07</u>
Company <u>Shakespeare Oil Co., Inc.</u>	Zone Tested <u>KC "K"</u>	
Address <u>202 W. Main St. Salem, IA 62881</u>	Elevation <u>3009</u>	KB <u>2999</u> GL
Co. Rep / Geo. <u>Tim Priest</u>	Rig <u>M.O.C. #14</u>	
Location: Sec. <u>9</u> Twp. <u>13⁴</u> Rge. <u>32w</u>	Co. <u>Logan</u>	State <u>KS</u>
Comment: _____	Release date / time: _____	

Interval Tested <u>4226 to 4258</u>	Initial Str Wt./Lbs. <u>80,000</u>	Unseated Str Wt./Lbs. <u>82000</u>
Anchor Length <u>32</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>100,000</u>
Top Packer Depth <u>4222</u>	Tool Weight <u>2,000</u>	
Bottom Packer Depth <u>4226</u>	Hole Size 7 7/8" <u>X</u>	Rubber Size 6 3/4" <u>X</u>
Total Depth <u>4258</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>528</u>
Mud Wt. <u>9.1</u> LCM <u>1</u> Vis. <u>57</u> WL <u>9.6</u>	Drill Pipe Size <u>4 1/2</u>	Ft. Run <u>3707</u>

Blow Description IF: B.O.B. @ 3 min.
ISI: B.O.B. @ 21 min.
FF: B.O.B. @ 3 min.
FSL: B.O.B. @ 8 1/2 min.

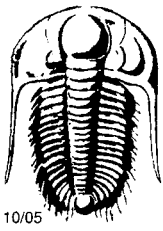
Recovery - Total Feet <u>1161</u>	GIP <u>1,680</u>	Ft. in DC <u>528</u>	Ft. in DP <u>633</u>
Rec. <u>32</u> 100 Feet of <u>GO</u>	<u>45%</u> gas <u>55%</u> oil	%water	%mud
Rec. <u>1129</u> Feet of <u>GO</u>	<u>65%</u> gas <u>35%</u> oil	%water	%mud
Rec. _____ Feet of _____	%gas	%oil	%water
Rec. _____ Feet of _____	%gas	%oil	%water
Rec. _____ Feet of _____	%gas	%oil	%water
BHT <u>122</u> °F Gravity <u>39</u>	°API D @ <u>80</u>	°F Corrected Gravity <u>37</u>	°API
RW <u>-</u> @ <u>-</u> °F Chlorides <u>-</u>	ppm Recovery <u>-</u>	Chlorides <u>2,200</u>	ppm System

(A) Initial Hydrostatic Mud	<u>2,123</u> PSI	Recorder No. <u>8017</u>	Test <u>X</u> <u>1,200</u>
(B) First Initial Flow Pressure	<u>72</u> PSI	(depth) <u>4233</u>	Jars _____
(C) First Final Flow Pressure	<u>199</u> PSI	Recorder No. <u>8351</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1,236</u> PSI	(depth) <u>4233</u>	Circ Sub <u>X</u> <u>N/C</u>
(E) Second Initial Flow Pressure	<u>226</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>428</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1,172</u> PSI	Initial Opening <u>10</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2,067</u> PSI	Initial Shut-In <u>30</u>	Shale Packer _____

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Approved By [Signature]
 Our Representative Chuck Smith

Final Flow	<u>45</u>	Ruined Packer	_____
Final Shut-In	<u>60</u>	Mileage <u>70RT 87⁵⁰</u>	
T-On Location	<u>12:01</u>	Sub Total:	_____
T-Started	<u>12:10</u>	Std. By	_____
T-Open	<u>13:58</u>	Acc. Chg:	_____
T-Pulled	<u>16:28</u>	Other:	_____
T-Out	<u>19:01</u>	Total:	<u>\$1,257.50</u>



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29684

RECEIVED
OCT 22 2007

Test Ticket

BY: _____

Well Name & No. <u>Frey #2-9</u>	Test No. <u>5</u>	Date <u>10-20-07</u>
Company <u>Shakespeare Oil Co., Inc.</u>	Zone Tested <u>KC "L"</u>	
Address <u>202 W. Main St. Salem, IL 62881</u>	Elevation <u>3009</u> KB <u>2999</u> GL	
Co. Rep / Geo. <u>Tim Priest</u>	Rig <u>M.D.C. #14</u>	
Location: Sec. <u>9</u> Twp. <u>134</u> Rge. <u>32w</u>	Co. <u>Logan</u>	State <u>KS</u>
Comment: _____	Release date / time: _____	

Interval Tested <u>4260 to 4306</u>	Initial Str Wt./Lbs. <u>80,000</u>	Unseated Str Wt/Lbs. <u>81,000</u>
Anchor Length <u>46</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>96,000</u>
Top Packer Depth <u>4256</u>	Tool Weight <u>2,000</u>	
Bottom Packer Depth <u>4260</u>	Hole Size 7 7/8" <u>X</u>	Rubber Size 6 3/4" <u>X</u>
Total Depth <u>4306</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>528</u>
Mud Wt. <u>8.9</u> LCM <u>1</u> Vis. <u>58</u> WL <u>9.6</u>	Drill Pipe Size <u>4 1/2</u>	Ft. Run <u>3745</u>
Blow Description <u>IF: B.O.B. @ 7 1/2 min.</u>		
<u>ISI: Return built to 6".</u>		
<u>FF: B.O.B. @ 6 min.</u>		
<u>FSI: Return built to 6".</u>		

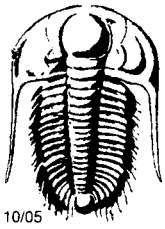
Recovery - Total Feet <u>845</u>	GIP <u>760</u>	Ft. in DC <u>528</u>	Ft. in DP <u>317</u>
Rec. <u>566</u> Feet of <u>60</u>	<u>30</u> %gas	<u>70</u> %oil	%water %mud
Rec. <u>279</u> Feet of <u>GMDCW</u>	<u>85</u> %gas	<u>40</u> %oil	<u>25</u> %water <u>10</u> %mud
Rec. <u>279</u> Feet of <u>GMWCO</u>	<u>25</u> %gas	<u>50</u> %oil	<u>15</u> %water <u>10</u> %mud
Rec. _____ Feet of _____	%gas	%oil	%water %mud
Rec. _____ Feet of _____	%gas	%oil	%water %mud
BHT <u>120</u> °F Gravity <u>29</u>	*API D @ <u>60</u>	*F Corrected Gravity <u>29</u>	*API
RW <u>-</u> @ <u>-</u> °F Chlorides <u>-</u> ppm	Recovery <u>-</u>	Chlorides <u>2,200</u> ppm	System

(A) Initial Hydrostatic Mud	AK-1 <u>2096</u> PSI	Alpine	Recorder No. <u>8017</u>	Test <u>X</u>	<u>1,200</u>
(B) First Initial Flow Pressure	<u>34</u> PSI		(depth) <u>4268</u>	Jars	
(C) First Final Flow Pressure	<u>239</u> PSI		Recorder No. <u>8351</u>	Safety Jt.	
(D) Initial Shut-In Pressure	<u>1,229</u> PSI		(depth) <u>4268</u>	Circ Sub <u>X</u>	<u>NIC</u>
(E) Second Initial Flow Pressure	<u>251</u> PSI		Recorder No. _____	Sampler	
(F) Second Final Flow Pressure	<u>343</u> PSI		(depth) _____	Straddle	
(G) Final Shut-In Pressure	<u>1048</u> PSI	Initial Opening <u>30</u>	Ext. Packer		
(Q) Final Hydrostatic Mud	<u>2027</u> PSI	Initial Shut-In <u>30</u>	Shale Packer		

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Final Flow	<u>45</u>	Ruined Packer	
Final Shut-In	<u>60</u>	Mileage <u>70 RT</u>	<u>87⁵⁰</u>
T-On Location	<u>3:10 am</u>	Sub Total:	
T-Started	<u>3:12</u>	Std. By	
T-Open	<u>5:08</u>	Acc. Chg:	
T-Pulled	<u>7:55</u>	Other:	
T-Out	<u>10:25</u>	Total:	<u>1287.50</u>

Approved By Tim Priest
Our Representative Chuck Smith



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29685

RECEIVED
OCT 23 2007

BY: _____

Test Ticket

Well Name & No. Frey #2-9 Test No. 6 Date 10-20-07
 Company Shakespeare Oil Co., Inc. Zone Tested Marmaton/Pawnee
 Address 202 W. Main St. Salem, IL 62881 Elevation 3009 KB 2999 GL
 Co. Rep / Geo. Tim Priest Rig M.D.C. #14
 Location: Sec. 9 Twp. 13 S Rge. 32W Co. Logan State KS
 Comment: _____ Release date / time: _____

Interval Tested 4338 TO 4441 Initial Str Wt./Lbs. 77,000 Unseated Str Wt./Lbs. 78,000
 Anchor Length 103 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 90,000
 Top Packer Depth 4334 Tool Weight 2,000
 Bottom Packer Depth 4338 Hole Size 7 7/8" X Rubber Size 6 3/4" X
 Total Depth 4441 Wt. Pipe Run 0 Drill Collar Run 528
 Mud Wt. 9.1 LCM 1 Vis. 56 WL 7.2 Drill Pipe Size 4 1/2 Ft. Run 3808

Blow Description IF: Blow built to 11"

ISL: No return

FF: B.O.B. @ 29

FSL: Return built to 4"

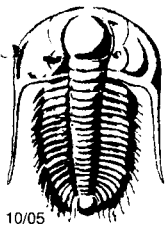
Recovery - Total Feet 325 GIP 45 Ft. in DC 325 Ft. in DP —
 Rec. 235 Feet of GOCM 10 %gas 10 %oil %water 80 %mud
 Rec. 90 Feet of GOCM 10 %gas 15 %oil %water 75 %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 115 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 2,700 ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud	<u>2,207</u>	PSI	Recorder No.	<u>8017</u>	Test <u>X</u>	<u>1,200</u>
(B) First Initial Flow Pressure	<u>25</u>	PSI	(depth)	<u>4340</u>	Jars	_____
(C) First Final Flow Pressure	<u>88</u>	PSI	Recorder No.	<u>8351</u>	Safety Jt.	_____
(D) Initial Shut-In Pressure	<u>1,128</u>	PSI	(depth)	<u>4340</u>	Circ Sub <u>X</u>	<u>N/C</u>
(E) Second Initial Flow Pressure	<u>91</u>	PSI	Recorder No.	_____	Sampler	_____
(F) Second Final Flow Pressure	<u>147</u>	PSI	(depth)	_____	Straddle	_____
(G) Final Shut-In Pressure	<u>1,171</u>	PSI	Initial Opening	<u>30</u>	Ext. Packer	_____
(Q) Final Hydrostatic Mud	<u>2,164</u>	PSI	Initial Shut-In	<u>30</u>	Shale Packer	_____
			Final Flow	<u>45</u>	Ruined Packer	_____
			Final Shut-In	<u>60</u>	Mileage <u>70RT</u>	<u>87⁵⁰</u>
			T-On Location	<u>23:06</u>	Sub Total:	_____
			T-Started	<u>23:36</u>	Std. By	_____
			T-Open	<u>2:17</u>	Acc. Chg:	_____
			T-Pulled	<u>5:02</u>	Other:	_____
			T-Out	<u>7:38</u>	Total:	<u>1,287.50</u>

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Approved By Tim Priest

Our Representative Chuck Smith



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29686

RECEIVED
OCT 23 2007

BY: _____

Test Ticket

Well Name & No. <u>Frey # 2-9</u>	Test No. <u>7</u>	Date <u>10-21-07</u>
Company <u>Shakespeare Oil Co., Inc.</u>	Zone Tested <u>Johnson</u>	
Address <u>202 W. Main St. Salem, IL 62881</u>	Elevation <u>3009</u> KB <u>2999</u> GL	
Co. Rep / Geo. <u>Tim Priest</u>	Rig <u>M.D.C. #14</u>	
Location: Sec. <u>9</u> Twp. <u>13S</u> Rge. <u>32W</u> Co. <u>Logan</u> State <u>KS</u>		
Comment: _____	Release date / time: _____	

Interval Tested <u>4530 TO 4580</u>	Initial Str Wt./Lbs. <u>80,000</u>	Unseated Str Wt/Lbs. <u>83,000</u>
Anchor Length <u>50</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>100,000</u>
Top Packer Depth <u>4526</u>	Tool Weight <u>2,000</u>	
Bottom Packer Depth <u>4530</u>	Hole Size 7 7/8" <u>X</u>	Rubber Size 6 3/4" <u>X</u>
Total Depth <u>4580</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>528</u>
Mud Wt. <u>9.2</u> LCM <u>1</u> Vis. <u>56</u> WL <u>8.0</u>	Drill Pipe Size <u>4 1/2</u>	Ft. Run <u>3998</u>

Blow Description IF: B.O.B. @ 3 1/2 min.
ISI Return built to 8"
FF: BoB. @ 3 min.
FSI: B.O.B. @ 10 min.

Recovery - Total Feet <u>1018</u>	GIP <u>200</u>	Ft. in DC <u>528</u>	Ft. in DP <u>490</u>
Rec. <u>490</u> Feet of <u>60</u>	<u>40%</u> gas <u>60</u> %oil	%water	%mud
Rec. <u>528</u> Feet of <u>GWOCM</u>	<u>10%</u> gas <u>15</u> %oil	<u>15%</u> water <u>60</u> %mud	
Rec. _____ Feet of _____	%gas	%oil	%water
Rec. _____ Feet of _____	%gas	%oil	%water
Rec. _____ Feet of _____	%gas	%oil	%water
BHT <u>126</u> °F Gravity <u>35</u>	*API D @ <u>40</u>	*F Corrected Gravity <u>37</u>	*API
RW <u>1.450 @ 50</u> °F	Chlorides <u>21,000</u> ppm Recovery <u>21,000</u>	Chlorides <u>3200</u> ppm System	

(A) Initial Hydrostatic Mud	<u>2314</u> PSI	Recorder No. <u>8017</u>	Test X <u>1,200</u>
(B) First Initial Flow Pressure	<u>65</u> PSI	(depth) <u>4535</u>	Jars _____
(C) First Final Flow Pressure	<u>231</u> PSI	Recorder No. <u>8351</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1,129</u> PSI	(depth) <u>4535</u>	Circ Sub <u>X</u> <u>N/C</u>
(E) Second Initial Flow Pressure	<u>245</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>423</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1,075</u> PSI	Initial Opening <u>10</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2,294</u> PSI	Initial Shut-In <u>30</u>	Shale Packer _____

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Approved By [Signature]
 Our Representative Chuck Smith

Final Flow	<u>45</u>	Ruined Packer X <u>260</u>
Final Shut-In	<u>60</u>	Mileage <u>70</u> <u>8750</u>
T-On Location	<u>21:50</u>	Sub Total: _____
T-Started	<u>22:07</u>	Std. By _____
T-Open	<u>12:26</u>	Acc. Chg: _____
T-Pulled	<u>2:52</u>	Other: _____
T-Out	<u>5:55</u>	Total: <u>\$1547.50</u>