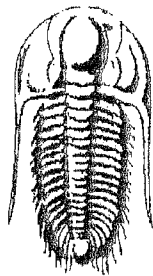


15-181-21744

32-29s-32w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401
Fairfield IL 62837

ATTN: Jon Chistensen

32 29 32 Haskill KS

City of Sublette

Start Date: 2007.06.15 @ 17:30:17

End Date: 2007.06.16 @ 02:20:32

Job Ticket #: 27359 DST #: 1

15-081-21744

C NE NE NE

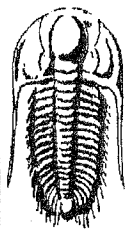
330 FNL 330 FEL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

KCC
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Strata Exploration Inc

PO Box 401
Fairfield IL 62837

ATTN: Jon Chistensen

City of Sublette

32 29 32 Haskill KS

Job Ticket: 27359

DST#: 1

Test Start: 2007.06.15 @ 17:30:17

GENERAL INFORMATION:

Formation: **Ft. Scoot**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:12:02

Time Test Ended: 02:20:32

Test Type: Conventional Bottom Hole

Tester: Harley Davideson

Unit No: 33

Interval: **4927.00 ft (KB) To 4960.00 ft (KB) (TVD)**

Total Depth: 4960.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2915.00 ft (KB)

2904.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: **6751** Inside

Press@RunDepth: 78.62 psig @ 4929.00 ft (KB)

Start Date: 2007.06.15

End Date: 2007.06.16

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 17:30:18

End Time: 02:20:32

Time On Btm: 2007.06.15 @ 20:11:17

Time Off Btm: 2007.06.15 @ 23:25:47

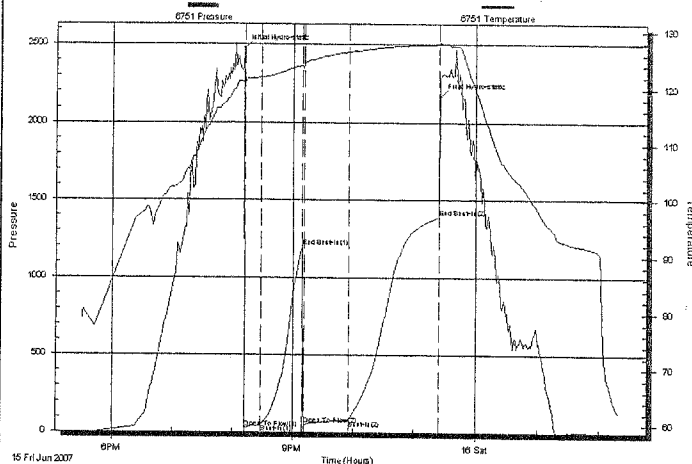
TEST COMMENT: IF Weak building blow 4" in bucket

ISI No BB

FF Strong blow BOB 3 min NO GTS BOB blow through out flow on more

FSI No BB

Pressure vs. Time



PRESSURE SUMMARY

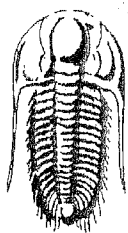
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2469.68	121.46	Initial Hydro-static
1	22.79	120.93	Open To Flow (1)
17	47.10	121.97	Shut-In (1)
58	1199.54	124.09	End Shut-In (1)
60	48.05	124.47	Open To Flow (2)
104	78.62	126.44	Shut-In (2)
194	1386.09	127.76	End Shut-In (2)
195	2164.00	128.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	100%M	0.10
115.00	20%G 20%O 30%W 30%M	0.57

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc

PO Box 401
Fairfield IL 62837

ATTN: Jon Chistensen

City of Sublette

32 29 32 Haskill KS

Job Ticket: 27359

DST#: 1

Test Start: 2007.06.15 @ 17:30:17

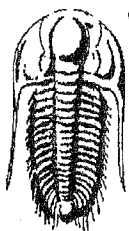
Tool Information

Drill Pipe:	Length: 4679.00 ft	Diameter: 3.80 inches	Volume: 65.63 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: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	76000.00 lb
		Total Volume:	66.85 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	76000.00 lb
Depth to Top Packer:	4927.00 ft			Final	76000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	33.00 ft				
Tool Length:	56.00 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			4905.00	
Shut In Tool	5.00			4910.00	
Hydraulic tool	5.00			4915.00	
Safety Joint	3.00			4918.00	
Packer	5.00			4923.00	23.00 Bottom Of Top Packer
Packer	4.00			4927.00	
Stubb	1.00			4928.00	
Perforations	1.00			4929.00	
Recorder	0.00	6751	Inside	4929.00	
Perforations	27.00			4956.00	
Recorder	0.00	11018	Inside	4956.00	
Bullnose	4.00			4960.00	33.00 Bottom Packers & Anchor

Total Tool Length: 56.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

City of Sublette

PO Box 401
Fairfield IL 62837

32 29 32 Haskill KS

Job Ticket: 27359

DST#: 1

ATTN: Jon Chistensen

Test Start: 2007.06.15 @ 17:30:17

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 7.96 in³

Resistivity: ohm.m

Salinity: 2600.00 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
20.00	100%M	0.098
115.00	20%G 20%O 30%W 30%M	0.566

Total Length: 135.00 ft

Total Volume: 0.664 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

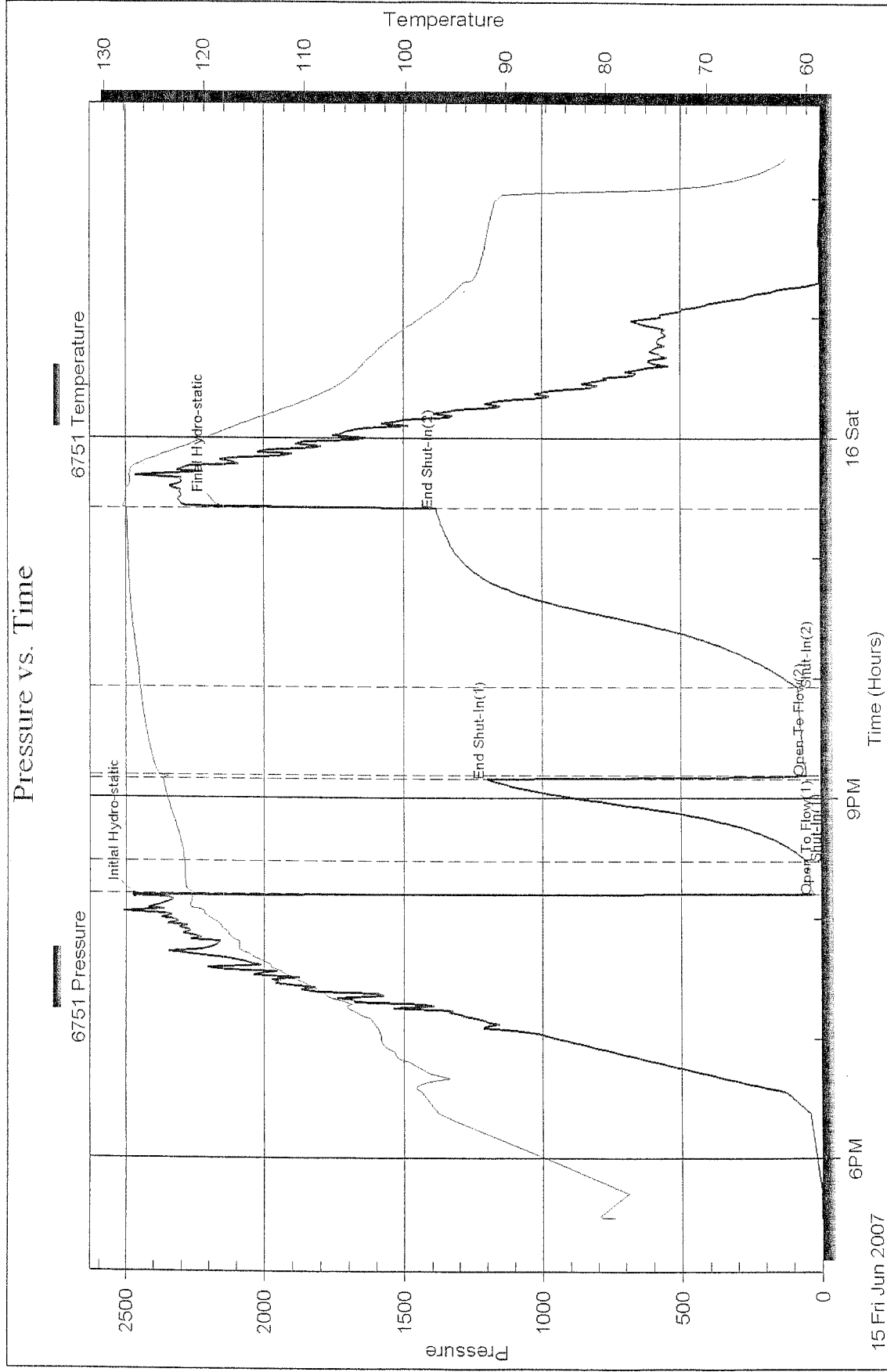
Serial #:

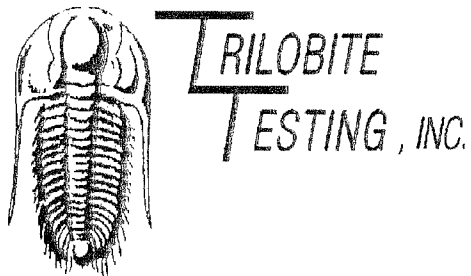
Laboratory Name:

Laboratory Location:

Recovery Comments: Could not get clean sample for chlorides. Sorry.

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401
Fairfield IL 62837

ATTN: Jon Chistensen

32 29 32 Haskill KS

City of Sublette

Start Date: 2007.06.16 @ 21:00:52

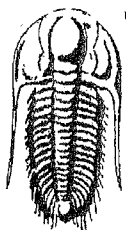
End Date: 2007.06.17 @ 06:40:52

Job Ticket #: 27360 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

Strata Exploration Inc

PO Box 401
Fairfield IL 62837

ATTN: Jon Chistensen

City of Sublette

32 29 32 Haskill KS

Job Ticket: 27360

DST#: 2

Test Start: 2007.06.16 @ 21:00:52

GENERAL INFORMATION:

Formation: **Atoka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:47:37

Time Test Ended: 06:40:52

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: 5070.00 ft (KB) To 5132.00 ft (KB) (TVD)

Total Depth: 5132.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2915.00 ft (KB)

2904.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6751 Inside

Press@RunDepth: 198.75 psig @ 5105.00 ft (KB)

Start Date: 2007.06.16

End Date: 2007.06.17

Start Time: 21:00:53

End Time: 06:40:52

Capacity: 7000.00 psig

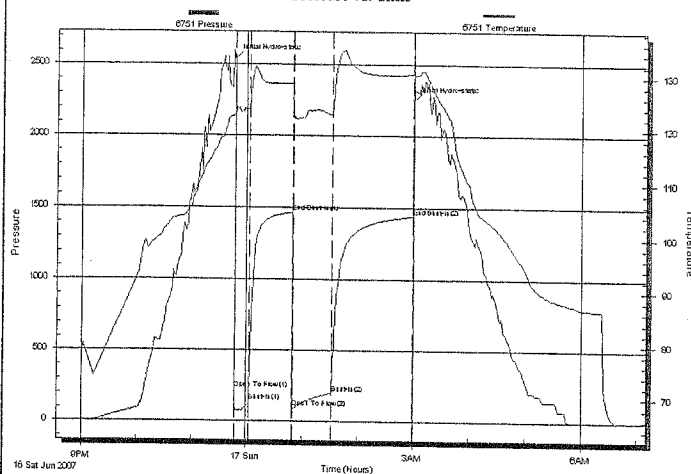
Last Calib.: 1899.12.30

Time On Btm: 2007.06.16 @ 23:47:22

Time Off Btm: 2007.06.17 @ 02:59:52

TEST COMMENT: IF BOB ASAO GTS 6 min.
ISI BOB blow back BOB 15 min.
FF BOB GTS ASAO
FSI BOB blow back BOB 20 min

Pressure vs. Time



PRESSURE SUMMARY

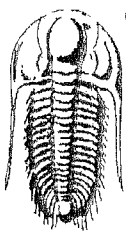
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2543.64	122.90	Initial Hydro-static
1	228.34	121.91	Open To Flow (1)
16	138.85	123.88	Shut-In(1)
62	1465.89	128.75	End Shut-In(1)
63	96.09	123.36	Open To Flow (2)
105	198.75	122.99	Shut-In(2)
192	1442.74	130.49	End Shut-In(2)
193	2254.74	131.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	25%G 25%O 50%M	0.10
430.00	10%G 10%M 80%O NO WATER	3.95

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	9.00	8.76
Last Gas Rate	0.50	56.00	474.90
Max. Gas Rate	0.50	56.00	474.90



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc

City of Sublette

PO Box 401
Fairfield IL 62837

32 29 32 Haskill KS

Job Ticket: 27360

DST#: 2

ATTN: Jon Chistensen

Test Start: 2007.06.16 @ 21:00:52

Tool Information

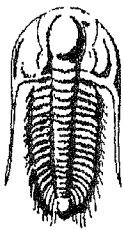
Drill Pipe:	Length: 4806.00 ft	Diameter: 3.80 inches	Volume: 67.42 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 72000.00 lb
			Total Volume: 68.64 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	5070.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.00 ft			
Tool Length:	85.00 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			5048.00	
Shut In Tool	5.00			5053.00	
Hydraulic tool	5.00			5058.00	
Safety Joint	3.00			5061.00	
Packer	5.00			5066.00	23.00 Bottom Of Top Packer
Packer	4.00			5070.00	
Stubb	1.00			5071.00	
Perforations	1.00			5072.00	
Change Over Sub	1.00			5073.00	
Drill Pipe	31.00			5104.00	
Change Over Sub	1.00			5105.00	
Recorder	0.00	6751	Inside	5105.00	
Perforations	23.00			5128.00	
Recorder	0.00	11018	Inside	5128.00	
Bullnose	4.00			5132.00	62.00 Bottom Packers & Anchor

Total Tool Length: 85.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

City of Sublette

PO Box 401
Fairfield IL 62837

32 29 32 Haskill KS

Job Ticket: 27360

DST#: 2

ATTN: Jon Chistensen

Test Start: 2007.06.16 @ 21:00:52

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 9.56 in³

Resistivity: ohm.m

Salinity: 2900.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	25%G 25%O 50%M	0.098
430.00	10%G 10%M 80%O NO WATER	3.946

Total Length: 450.00 ft

Total Volume: 4.044 bbl

Num Fluid Samples: 1

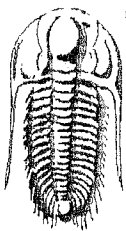
Num Gas Bombs: 1

Serial #:

Laboratory Name: Caraway

Laboratory Location: Hugoton, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Strata Exploration Inc

City of Sublette

PO Box 401
Fairfield IL 62837

32 29 32 Haskill KS

Job Ticket: 27360

DST#: 2

ATTN: Jon Chistensen

Test Start: 2007.06.16 @ 21:00:52

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
1	10	0.13	9.00	8.76
1	10	0.13	9.00	8.76
1	15	0.13	26.00	15.12
2	10	0.50	35.00	333.24
2	20	0.50	41.00	373.71
2	30	0.50	51.00	441.17
2	40	0.50	56.00	474.90

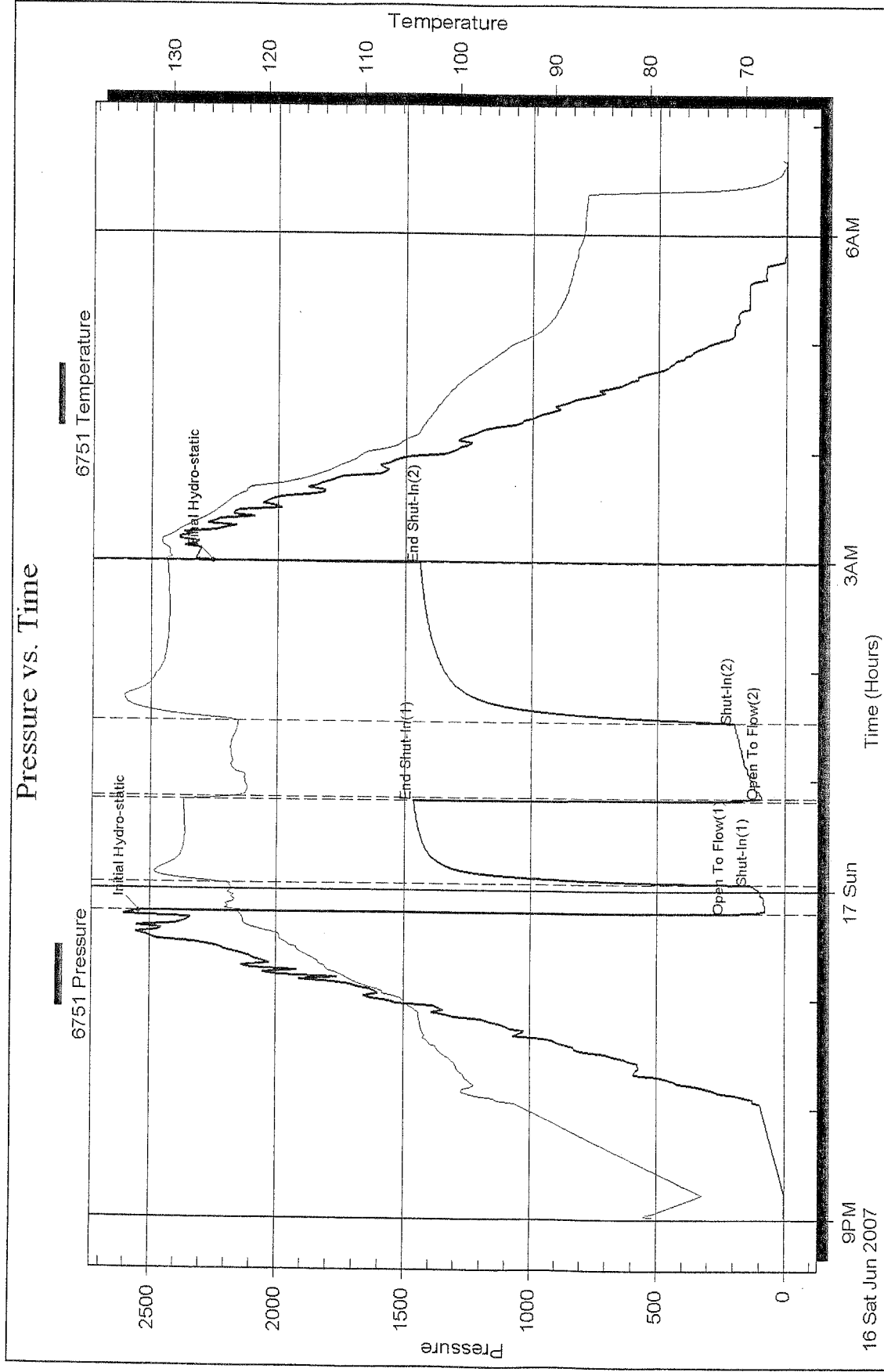
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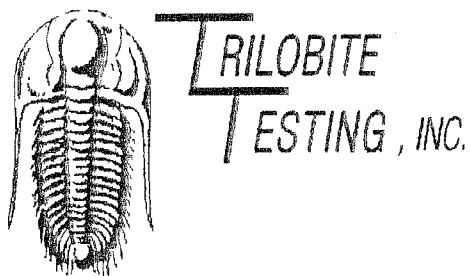
Inside

Strata Exploration Inc

32 29 32 Haskell KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401
Fairfield IL 62837

ATTN: Jon Chistensen

32 29 32 Haskill KS

City of Sublette

Start Date: 2007.06.17 @ 22:00:14

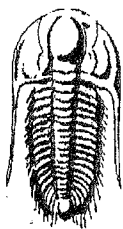
End Date: 2007.06.18 @ 07:59:59

Job Ticket #: 27361 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Strata Exploration Inc

PO Box 401
Fairfield IL 62837

ATTN: Jon Chistensen

City of Sublette

32 29 32 Haskill KS

Job Ticket: 27361

DST#: 3

Test Start: 2007.06.17 @ 22:00:14

GENERAL INFORMATION:

Formation: **MorrowSS**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:37:14

Time Test Ended: 07:59:59

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **5204.00 ft (KB) To 5292.00 ft (KB) (TVD)**

Total Depth: 5292.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2915.00 ft (KB)

2904.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6751 Inside

Press@RunDepth: 177.35 psig @ 5270.00 ft (KB)

Start Date: 2007.06.17 End Date: 2007.06.18

Start Time: 22:00:15 End Time: 07:59:59

Capacity: 7000.00 psig

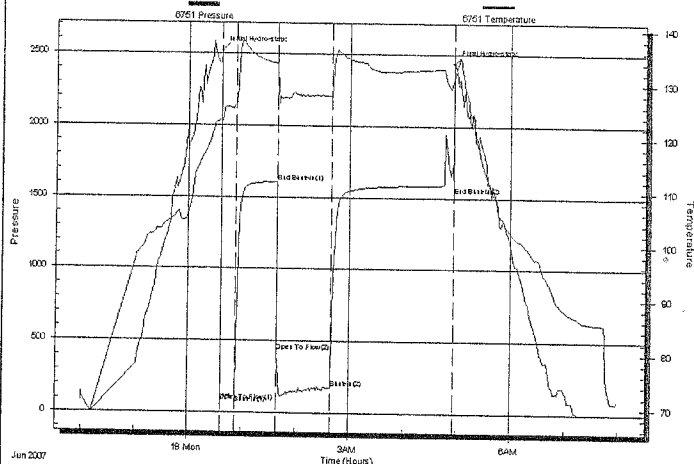
Last Calib.: 1899.12.30

Time On Btm: 2007.06.18 @ 00:36:59

Time Off Btm: 2007.06.18 @ 04:56:14

TEST COMMENT: IF Strong blow BOB ASAO GTS 6 min
ISI No blow back
FF BOB GTS ASAO
FSI Weak surface blow

Pressure vs. Time



PRESSURE SUMMARY

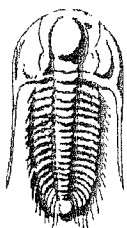
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2518.04	123.54	Initial Hydro-static
1	77.75	122.82	Open To Flow (1)
16	123.37	126.08	Shut-In(1)
63	1607.68	133.77	End Shut-In(1)
63	424.01	132.87	Open To Flow (2)
123	177.35	127.85	Shut-In(2)
259	1528.27	130.98	End Shut-In(2)
260	2434.50	132.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	SOCM trace of Oil 100%M	0.61
313.00	10%M 30%G 60%O	3.26
62.00	5%O 95%M	0.87

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	23.00	252.29
Last Gas Rate	0.50	23.00	252.29
Max. Gas Rate	0.50	23.00	252.29



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc

City of Sublette

PO Box 401
Fairfield IL 62837

32 29 32 Haskill KS

Job Ticket: 27361

DST#: 3

ATTN: Jon Chistensen

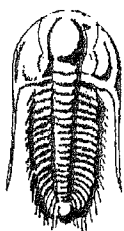
Test Start: 2007.06.17 @ 22:00:14

Tool Information

Drill Pipe:	Length: 4957.00 ft	Diameter: 3.80 inches	Volume: 69.53 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: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 110000.0 lb
			Total Volume: 70.75 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	5204.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	88.00 ft			
Tool Length:	116.00 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			5177.00	
Shut In Tool	5.00			5182.00	
Hydraulic tool	5.00			5187.00	
Jars	5.00			5192.00	
Safety Joint	3.00			5195.00	
Packer	5.00			5200.00	28.00 Bottom Of Top Packer
Packer	4.00			5204.00	
Stubb	1.00			5205.00	
Perforations	1.00			5206.00	
Change Over Sub	1.00			5207.00	
Drill Pipe	62.00			5269.00	
Change Over Sub	1.00			5270.00	
Recorder	0.00	6751	Inside	5270.00	
Perforations	18.00			5288.00	
Recorder	0.00	11018	inside	5288.00	
Bullnose	4.00			5292.00	88.00 Bottom Packers & Anchor
Total Tool Length:	116.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

City of Sublette

PO Box 401
Fairfield IL 62837

32 29 32 Haskill KS

Job Ticket: 27361

DST#: 3

ATTN: Jon Chistensen

Test Start: 2007.06.17 @ 22:00:14

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: 8.78 in³

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	SOCM trace of Oil 100%M	0.615
313.00	10%M 30%G 60%O	3.261
62.00	5%O 95%M	0.870

Total Length: 500.00 ft

Total Volume: 4.746 bbl

Num Fluid Samples: 0

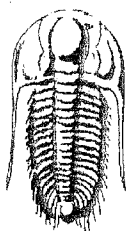
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Strata Exploration Inc

PO Box 401
Fairfield IL 62837

ATTN: Jon Chistensen

City of Sublette

32 29 32 Haskill KS

Job Ticket: 27361

DST#: 3

Test Start: 2007.06.17 @ 22:00:14

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	10	0.50	23.00	252.29
1	15	0.50	23.00	252.29
2	10	0.50	23.00	252.29
2	20	0.50	23.00	252.29
2	30	0.50	23.00	252.29
2	40	0.50	23.00	252.29
2	50	0.50	23.00	252.29
2	60	0.50	23.00	252.29

DST Test Number: 3

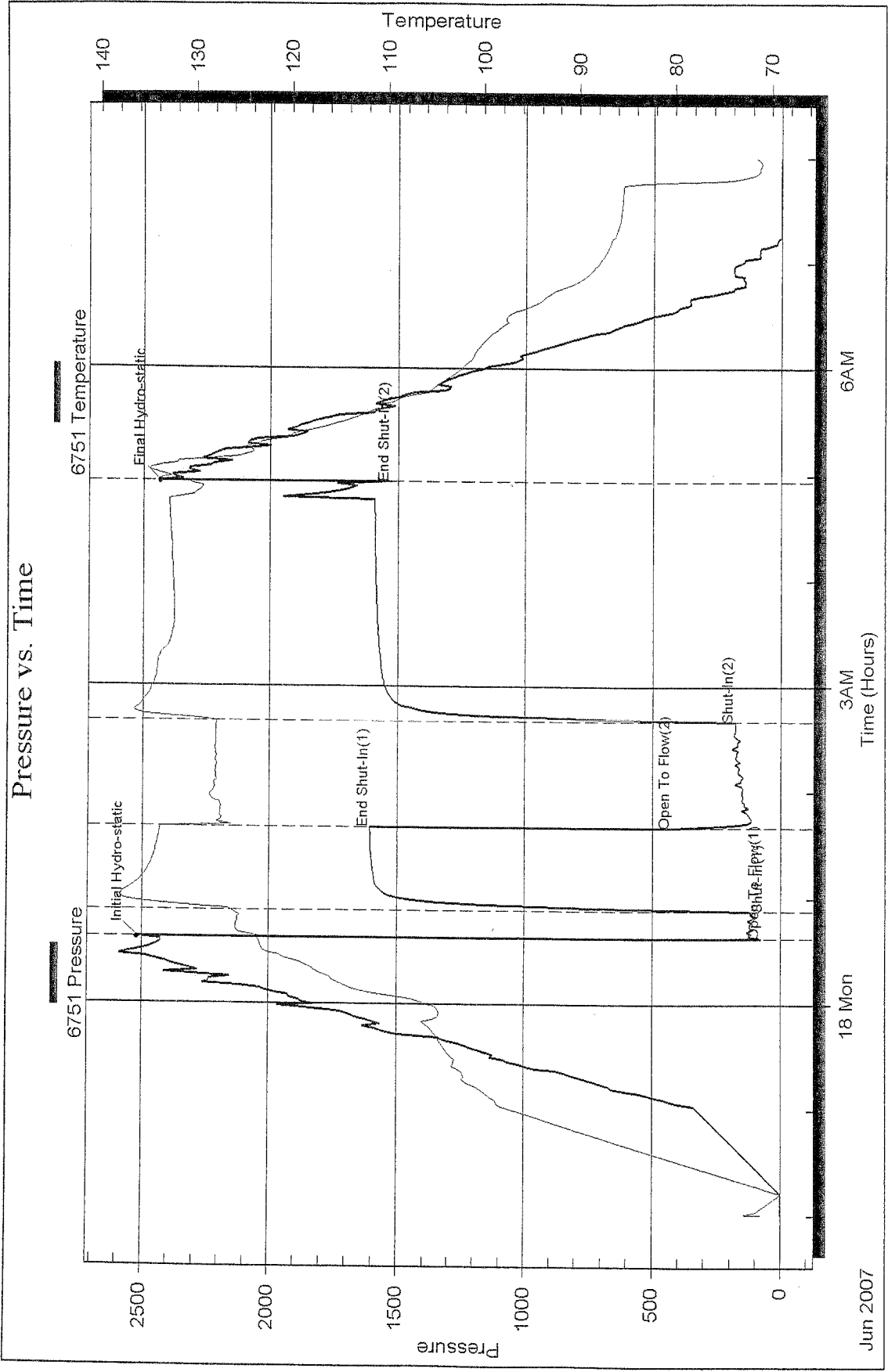
32 29 32 Haskill KS

Strata Exploration Inc

Inside

Serial #: 6751

Pressure vs. Time



Trilobite Testing, Inc

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