

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Strata Exploation Inc**

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

4 30 32 Haskill KS

MORRIS #1-4

Start Date: 2007.05.30 @ 21:44:23

End Date: 2007.05.31 @ 07:15:38

Job Ticket #: 27354 DST #: 1

KCC
AUG 21 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

Strata Exploration Inc

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

MORRIS #1-4

4 30 32 Haskill KS

Job Ticket: 27354

DST#: 1

Test Start: 2007.05.30 @ 21:44:23

GENERAL INFORMATION:

Formation: **Pawnee/Fortscott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:03:53

Time Test Ended: 07:15:38

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **4925.00 ft (KB) To 4992.00 ft (KB) (TVD)**

Total Depth: 4992.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2918.00 ft (KB)

2907.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6751

Inside

Press@RunDepth: 120.33 psig @ 4960.00 ft (KB)

Start Date: 2007.05.30

End Date:

2007.05.31

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 21:44:24

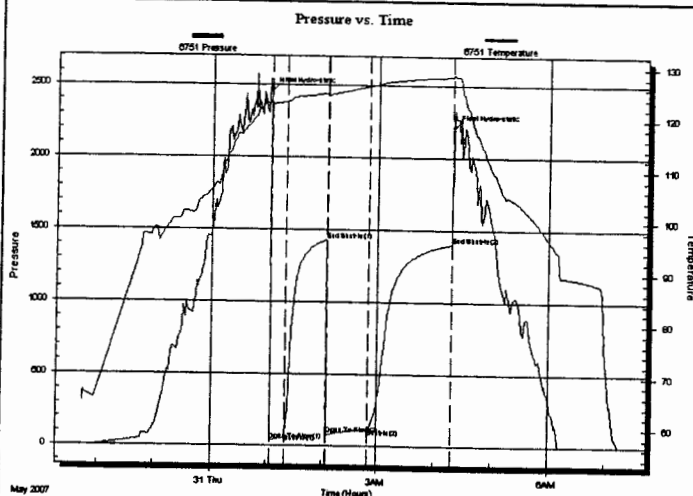
End Time:

07:15:38

Time On Btm: 2007.05.31 @ 01:02:53

Time Off Btm: 2007.05.31 @ 04:19:08

TEST COMMENT: IF Good building blow 7" in bucket
ISI No BB
FF Good building blow 9" in bucket
FSI No BB



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2457.87	123.63	Initial Hydro-static
1	39.70	123.09	Open To Flow (1)
18	86.32	123.32	Shut-In(1)
61	1428.49	124.99	End Shut-In(1)
63	80.23	124.59	Open To Flow (2)
108	120.33	126.42	Shut-In(2)
196	1400.21	128.30	End Shut-In(2)
197	2211.90	128.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	100%M	0.98

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploation Inc

MORRIS #1-4

PO Box 401
Fairfield IL 62837

4 30 32 Haskill KS

Job Ticket: 27354

DST#: 1

ATTN: Jon Christensen

Test Start: 2007.05.30 @ 21:44:23

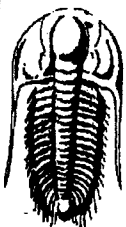
Tool Information

Drill Pipe:	Length: 4672.00 ft	Diameter: 3.80 inches	Volume: 65.54 bbl	Tool Weight: 1800.00 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: 250.00 ft	Diameter: 2.25 inches	Volume: 1.23 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume:	66.77 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4925.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	90.00 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			4903.00	
Shut In Tool	5.00			4908.00	
Hydraulic tool	5.00			4913.00	
Safety Joint	3.00			4916.00	
Packer	5.00			4921.00	23.00 Bottom Of Top Packer
Packer	4.00			4925.00	
Stubb	1.00			4926.00	
Perforations	1.00			4927.00	
Change Over Sub	1.00			4928.00	
Drill Pipe	31.00			4959.00	
Change Over Sub	1.00			4960.00	
Recorder	0.00	6751	Inside	4960.00	
Perforations	28.00			4988.00	
Recorder	0.00	11018	Inside	4988.00	
Bullnose	4.00			4992.00	67.00 Bottom Packers & Anchor

Total Tool Length: 90.00



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploation Inc

MORRIS #1-4

PO Box 401
Fairfield IL 62837

4 30 32 Haskill KS

Job Ticket: 27354

DST#: 1

ATTN: Jon Christensen

Test Start: 2007.05.30 @ 21:44:23

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 8.77 in³

Resistivity: ohm.m

Salinity: 2500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
200.00	100%M	0.984

Total Length: 200.00 ft

Total Volume: 0.984 bbl

Num Fluid Samples: 1

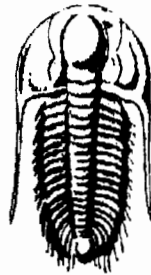
Num Gas Bombs: 1

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **Strata Exploation Inc**

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

4 30 32 Haskill KS

MORRIS #1-4

Start Date: 2007.06.01 @ 03:01:20

End Date: 2007.06.01 @ 13:29:05

Job Ticket #: 27355 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Strata Exploation Inc

MORRIS #1-4

4 30 32 Haskill KS

DST # 2

Atoka

2007.06.01



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Strata Exploation Inc

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

MORRIS #1-4

4 30 32 Haskill KS

Job Ticket: 27355

DST#: 2

Test Start: 2007.06.01 @ 03:01:20

GENERAL INFORMATION:

Formation: **Atoka**

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

Time Tool Opened: 05:38:20

Time Test Ended: 13:29:05

Test Type: **Conventional Bottom Hole**

Tester: **Harley Davidson**

Unit No: **33**

Interval: **5103.00 ft (KB) To 5168.00 ft (KB) (TVD)**

Total Depth: **5168.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Fair**

Reference Elevations: **2918.00 ft (KB)**

2907.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: 6751

Inside

Press@RunDepth: **317.42 psig @ 5138.00 ft (KB)**

Start Date: **2007.06.01**

End Date:

2007.06.01

Start Time: **03:01:21**

End Time:

13:29:05

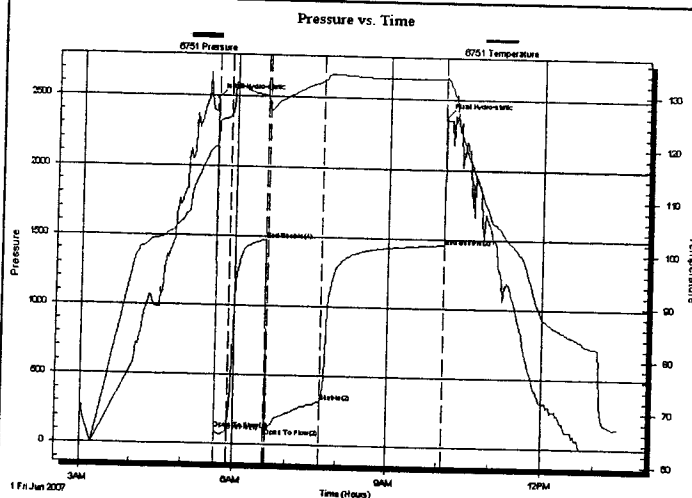
Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Time On Btm: **2007.06.01 @ 05:37:05**

Time Off Btm: **2007.06.01 @ 10:06:05**

TEST COMMENT: IF Strong blow BOB 1 min.
ISI BOB blow back
FF Strong blow GTS BOB ASAO
FSI 4 " in bucket



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2487.91	119.80	Initial Hydro-static
2	108.48	120.53	Open To Flow (1)
17	152.88	125.54	Shut-In (1)
58	1474.99	129.44	End Shut-In (1)
60	117.71	127.11	Open To Flow (2)
124	317.42	132.33	Shut-In (2)
269	1450.52	133.11	End Shut-In (2)
269	2375.47	133.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	70%M 30%G	0.30
988.00	70%G 30%O	12.15

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	12.00	9.88
Last Gas Rate	0.13	33.00	17.74
Max. Gas Rate	0.13	33.00	17.74



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploation Inc

MORRIS #1-4

PO Box 401
Fairfield IL 62837

4 30 32 Haskill KS

Job Ticket: 27355

DST#: 2

ATTN: Jon Christensen

Test Start: 2007.06.01 @ 03:01:20

Tool Information

Drill Pipe:	Length: 4862.00 ft	Diameter: 3.80 inches	Volume: 68.20 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: 250.00 ft	Diameter: 2.25 inches	Volume: 1.23 bbl	Weight to Pull Loose: 85000.00 lb
		Total Volume: 69.43 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	5103.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.00 ft			
Tool Length:	88.00 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			5081.00	
Shut In Tool	5.00			5086.00	
Hydraulic tool	5.00			5091.00	
Safety Joint	3.00			5094.00	
Packer	5.00			5099.00	23.00 Bottom Of Top Packer
Packer	4.00			5103.00	
Stubb	1.00			5104.00	
Perforations	1.00			5105.00	
Change Over Sub	1.00			5106.00	
Drill Pipe	31.00			5137.00	
Change Over Sub	1.00			5138.00	
Recorder	0.00	6751	Inside	5138.00	
Perforations	26.00			5164.00	
Recorder	0.00	11018	Inside	5164.00	
Bullnose	4.00			5168.00	65.00 Bottom Packers & Anchor

Total Tool Length: 88.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploation Inc

MORRIS #1-4

PO Box 401
Fairfield IL 62837

4 30 32 Haskill KS

Job Ticket: 27355

DST#: 2

ATTN: Jon Christensen

Test Start: 2007.06.01 @ 03:01:20

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Mud Weight: 9.00 lb/gal

Cushion Length:

Oil API:

41 deg API

Viscosity: 55.00 sec/qt

Cushion Volume:

ft

Water Salinity:

ppm

Water Loss: 8.77 in³

Gas Cushion Type:

bbl

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	70%M 30%G	0.305
988.00	70%G 30%O	12.146

Total Length: 1050.00 ft

Total Volume: 12.451 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
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DRILL STEM TEST REPORT

GAS RATES

Strata Exploation Inc

MORRIS #1-4

PO Box 401
Fairfield IL 62837

4 30 32 Haskill KS

Job Ticket: 27355

DST#: 2

ATTN: Jon Christensen

Test Start: 2007.06.01 @ 03:01:20

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)
2	10	0.13	12.00	9.88
2	10	0.13	12.00	9.88
2	20	0.13	21.00	13.25
2	30	0.13	27.00	15.50
2	40	0.13	30.00	16.62
2	50	0.13	33.00	17.74

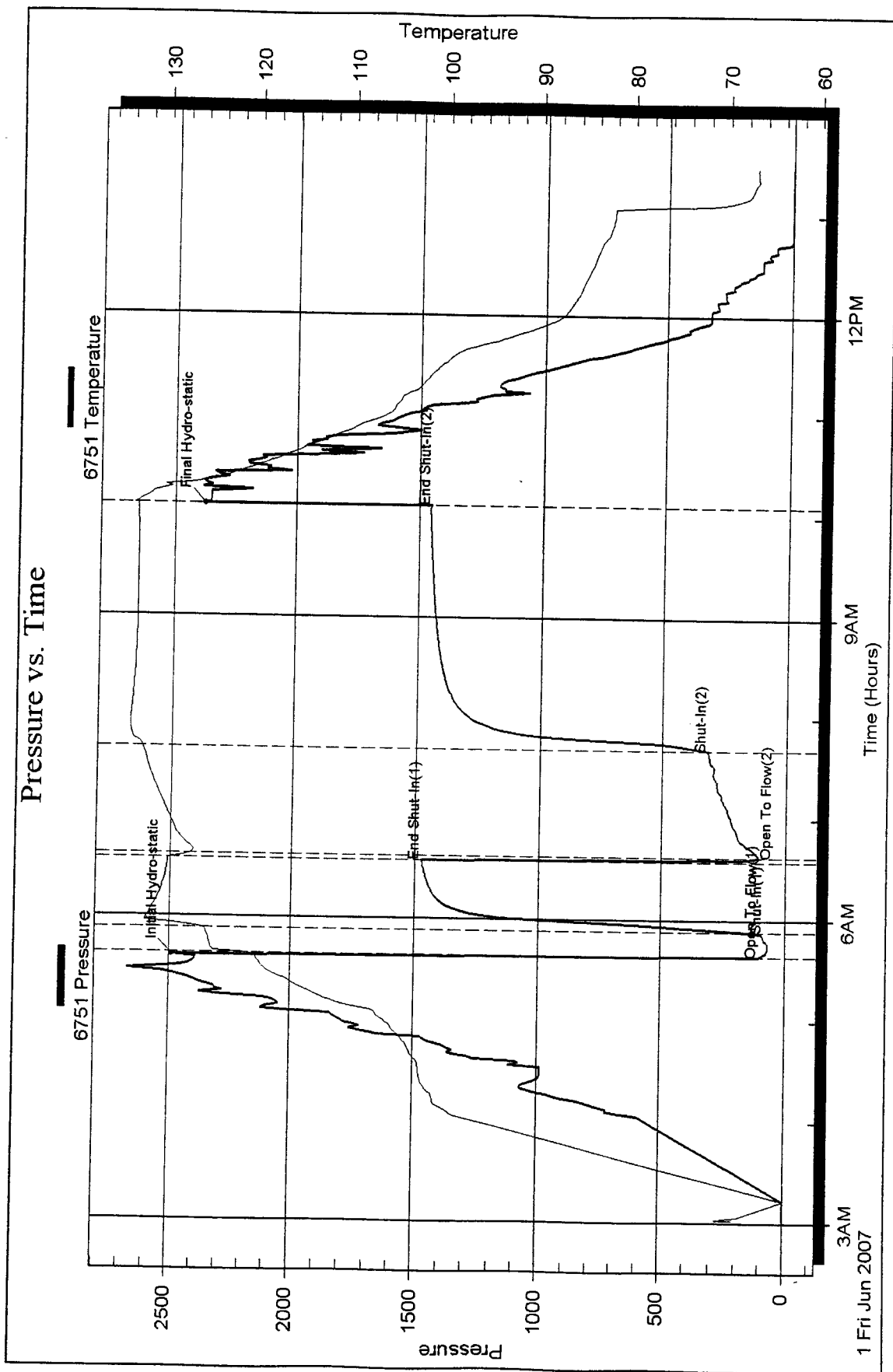
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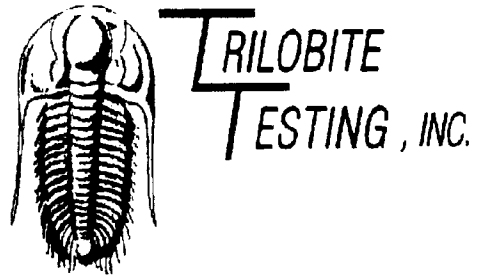
Inside

Strata Exploation Inc

4 30 32 Haskill KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Strata Exploation Inc**

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

4 30 32 Haskill KS

MORRIS #1-4

Start Date: 2007.06.02 @ 09:31:03

End Date: 2007.06.02 @ 17:43:33

Job Ticket #: 27356 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 Christensen

MORRIS #1-4

4 30 32 Haskell KS

Job Ticket: 27356

DST#: 3

Test Start: 2007.06.02 @ 09:31:03

GENERAL INFORMATION:

Formation: **Morrow Sand**

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

Time Tool Opened: 12:19:03

Time Test Ended: 17:43:33

Test Type: **Conventional Bottom Hole**

Tester: **Harley Davidson**

Unit No: **33**

Interval: **5243.00 ft (KB) To 5329.00 ft (KB) (TVD)**

Total Depth: **5329.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Fair**

Reference Elevations: **2918.00 ft (KB)**

2907.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: **6751**

Inside

Press@RunDepth: **35.95 psig @ 5309.00 ft (KB)**

Start Date: **2007.06.02**

End Date:

-2007.06.02

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Start Time: **09:31:04**

End Time:

17:43:33

Time On Btm: **2007.06.02 @ 12:17:03**

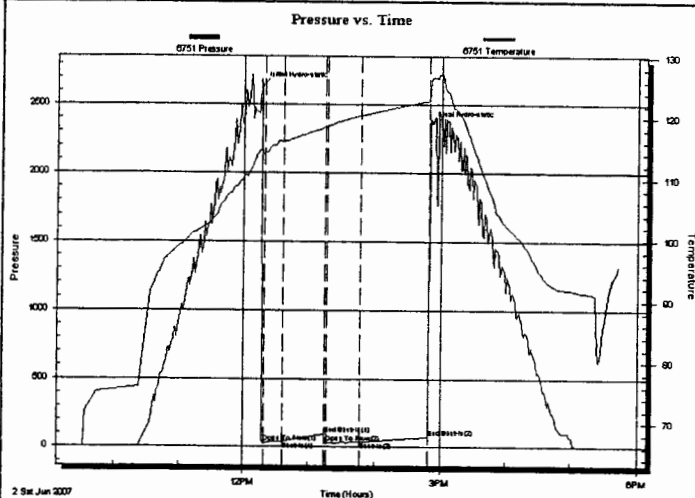
Time Off Btm: **2007.06.02 @ 14:49:18**

TEST COMMENT: IF Weak blow 1 1/2 " in bucket

ISI No BB

FF Weak surface blow.

FSI No BB



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2634.76	115.17	Initial Hydro-static
2	31.99	113.99	Open To Flow (1)
20	38.93	116.13	Shut-In(1)
58	95.81	118.50	End Shut-In(1)
60	30.79	118.61	Open To Flow (2)
90	35.95	120.43	Shut-In(2)
152	74.16	122.92	End Shut-In(2)
153	2353.28	124.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%M	0.05

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploation Inc

MORRIS #1-4

PO Box 401
Fairfield IL 62837

4 30 32 Haskill KS

Job Ticket: 27356

DST#: 3

ATTN: Jon Christensen

Test Start: 2007.06.02 @ 09:31:03

Tool Information

Drill Pipe:	Length: 4981.00 ft	Diameter: 3.80 inches	Volume: 69.87 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: 250.00 ft	Diameter: 2.25 inches	Volume: 1.23 bbl	Weight to Pull Loose: 100000.0 lb
		Total Volume:	71.10 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	5243.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	84.00 ft			
Tool Length:	112.00 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			5216.00	
Shut In Tool	5.00			5221.00	
Hydraulic tool	5.00			5226.00	
Jars	5.00			5231.00	
Safety Joint	3.00			5234.00	
Packer	5.00			5239.00	28.00 Bottom Of Top Packer
Packer	4.00			5243.00	
Stubb	1.00			5244.00	
Perforations	1.00			5245.00	
Change Over Sub	1.00			5246.00	
Drill Pipe	62.00			5308.00	
Change Over Sub	1.00			5309.00	
Recorder	0.00	6751	Inside	5309.00	
Perforations	14.00			5323.00	
Recorder	0.00	11018	Inside	5323.00	
Bullnose	4.00			5327.00	84.00 Bottom Packers & Anchor
Total Tool Length:	112.00				



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploation Inc

MORRIS #1-4

PO Box 401
Fairfield IL 62837

4 30 32 Haskill KS

Job Ticket: 27356

DST#: 3

ATTN: Jon Christensen

Test Start: 2007.06.02 @ 09:31:03

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: 64.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100%M	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

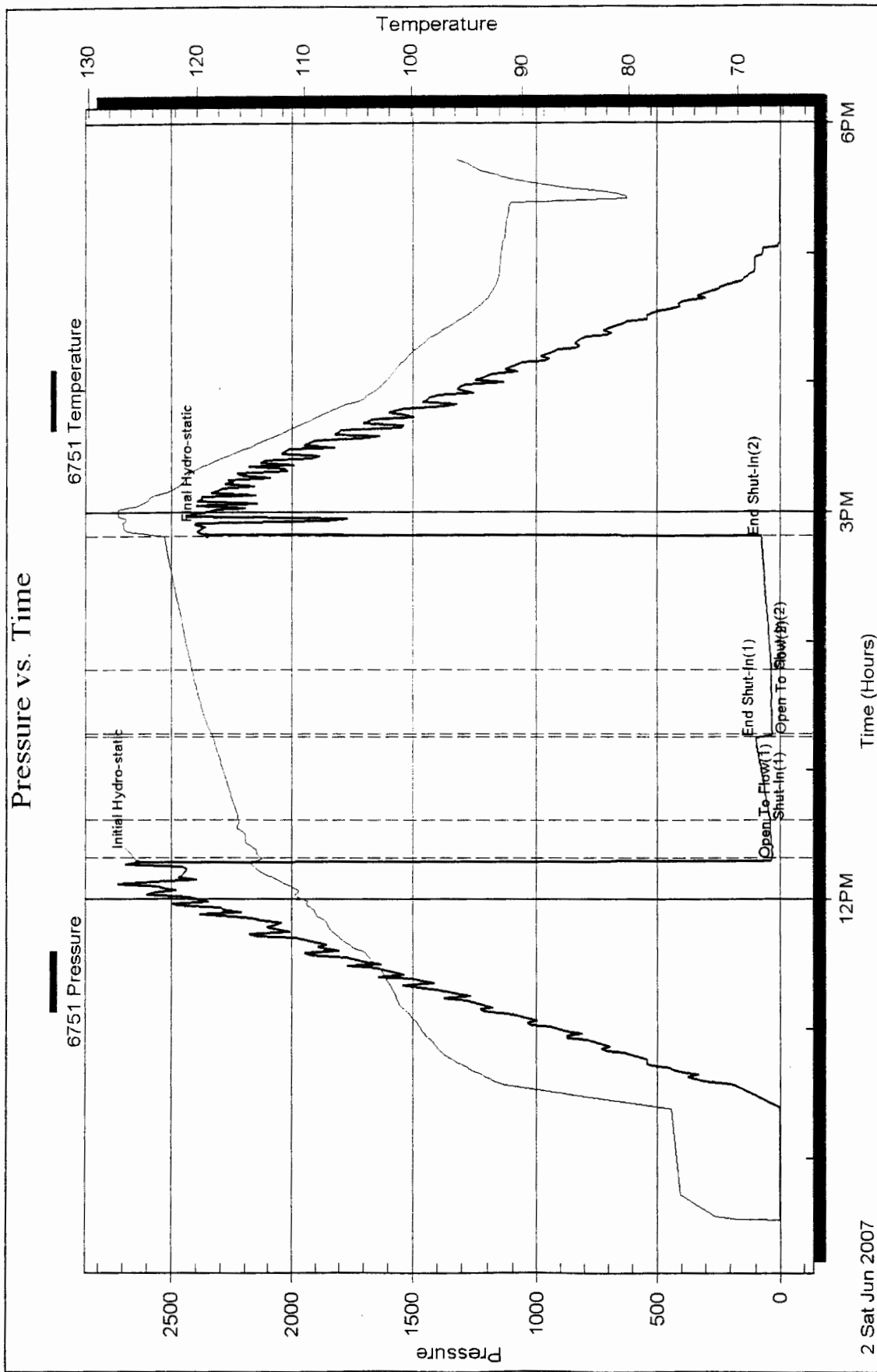
Num Gas Bombs: 0

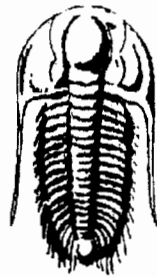
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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DRILL STEM TEST REPORT

Prepared For: **Strata Exploation Inc**

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

4 30 32 Haskill KS

MORRIS #1-4

Start Date: 2007.06.03 @ 16:00:59

End Date: 2007.06.04 @ 01:11:14

Job Ticket #: 27357 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Strata Exploation Inc

MORRIS #1-4

4 30 32 Haskill KS

DST # 4

St. Louis B

2007.06.03



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Strata Exploration Inc

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

MORRIS #1-4

4 30 32 Haskill KS

Job Ticket: 27357

DST#: 4

Test Start: 2007.06.03 @ 16:00:59

GENERAL INFORMATION:

Formation: **St. Louis B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:42:59

Time Test Ended: 01:11:14

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **5505.00 ft (KB) To 5532.00 ft (KB) (TVD)**

Total Depth: 5532.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2918.00 ft (KB)

2907.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6751

Inside

Press@RunDepth: 42.46 psig @ 5507.00 ft (KB)

Start Date: 2007.06.03

End Date:

2007.06.04

Start Time: 16:01:00

End Time:

01:11:14

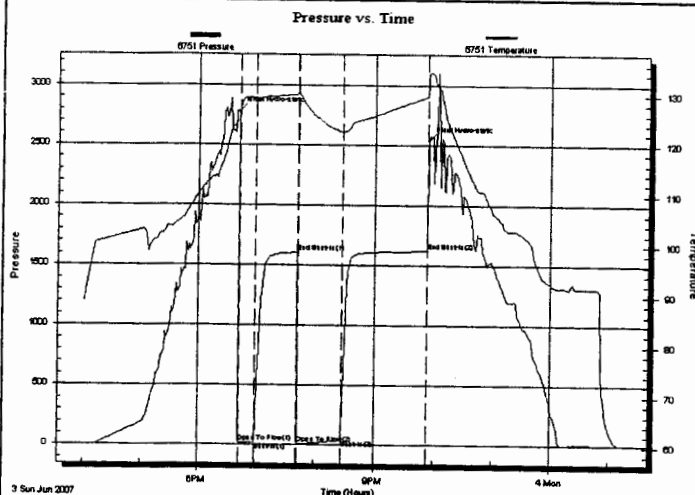
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2007.06.03 @ 18:41:29

Time Off Btm: 2007.06.03 @ 21:53:59

TEST COMMENT: IF Strong blow BOB ASAO
ISI BOB on BB
FF Strong blow BOB ASAO GTS 1min
FSI 4 " in bucket



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2778.62	125.11	Initial Hydro-static
2	17.76	127.20	Open To Flow (1)
18	21.29	129.01	Shut-In (1)
61	1602.94	130.12	End Shut-In (1)
62	12.91	130.41	Open To Flow (2)
106	42.46	122.48	Shut-In (2)
192	1620.41	129.61	End Shut-In (2)
193	2535.19	132.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%M	0.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	17.00	11.75
Last Gas Rate	0.13	29.00	16.24
Max. Gas Rate	0.13	29.00	16.24



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploation Inc

MORRIS #1-4

PO Box 401
Fairfield IL 62837

4 30 32 Haskill KS

Job Ticket: 27357

DST#: 4

ATTN: Jon Christensen

Test Start: 2007.06.03 @ 16:00:59

Tool Information

Drill Pipe:	Length: 5228.00 ft	Diameter: 3.80 inches	Volume: 73.34 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: 259.00 ft	Diameter: 2.25 inches	Volume: 1.27 bbl	Weight to Pull Loose:	100000.0 lb
		Total Volume:	74.61 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	75000.00 lb
Depth to Top Packer:	5505.00 ft			Final	75000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	27.00 ft				
Tool Length:	55.00 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			5478.00	
Shut In Tool	5.00			5483.00	
Hydraulic tool	5.00			5488.00	
Jars	5.00			5493.00	
Safety Joint	3.00			5496.00	
Packer	5.00			5501.00	28.00 Bottom Of Top Packer
Packer	4.00			5505.00	
Stubb	1.00			5506.00	
Perforations	1.00			5507.00	
Recorder	0.00	6751	Inside	5507.00	
Perforations	21.00			5528.00	
Recorder	0.00	11018	Inside	5528.00	
Bullnose	4.00			5532.00	27.00 Bottom Packers & Anchor
Total Tool Length:		55.00			



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploation Inc

MORRIS #1-4

PO Box 401
Fairfield IL 62837

4 30 32 Haskill KS

Job Ticket: 27357

DST#: 4

ATTN: Jon Christensen

Test Start: 2007.06.03 @ 16:00:59

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100%M	0.025

Total Length:

5.00 ft

Total Volume:

0.025 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 Exploation Inc

MORRIS #1-4

PO Box 401
Fairfield IL 62837

4 30 32 Haskill KS

Job Ticket: 27357

DST#: 4

ATTN: Jon Christensen

Test Start: 2007.06.03 @ 16:00:59

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)
2	10	0.13	17.00	11.75
2	10	0.13	17.00	11.75
2	20	0.13	23.00	14.00
2	30	0.13	27.00	15.50
2	40	0.13	29.00	16.24

Serial #: 6751

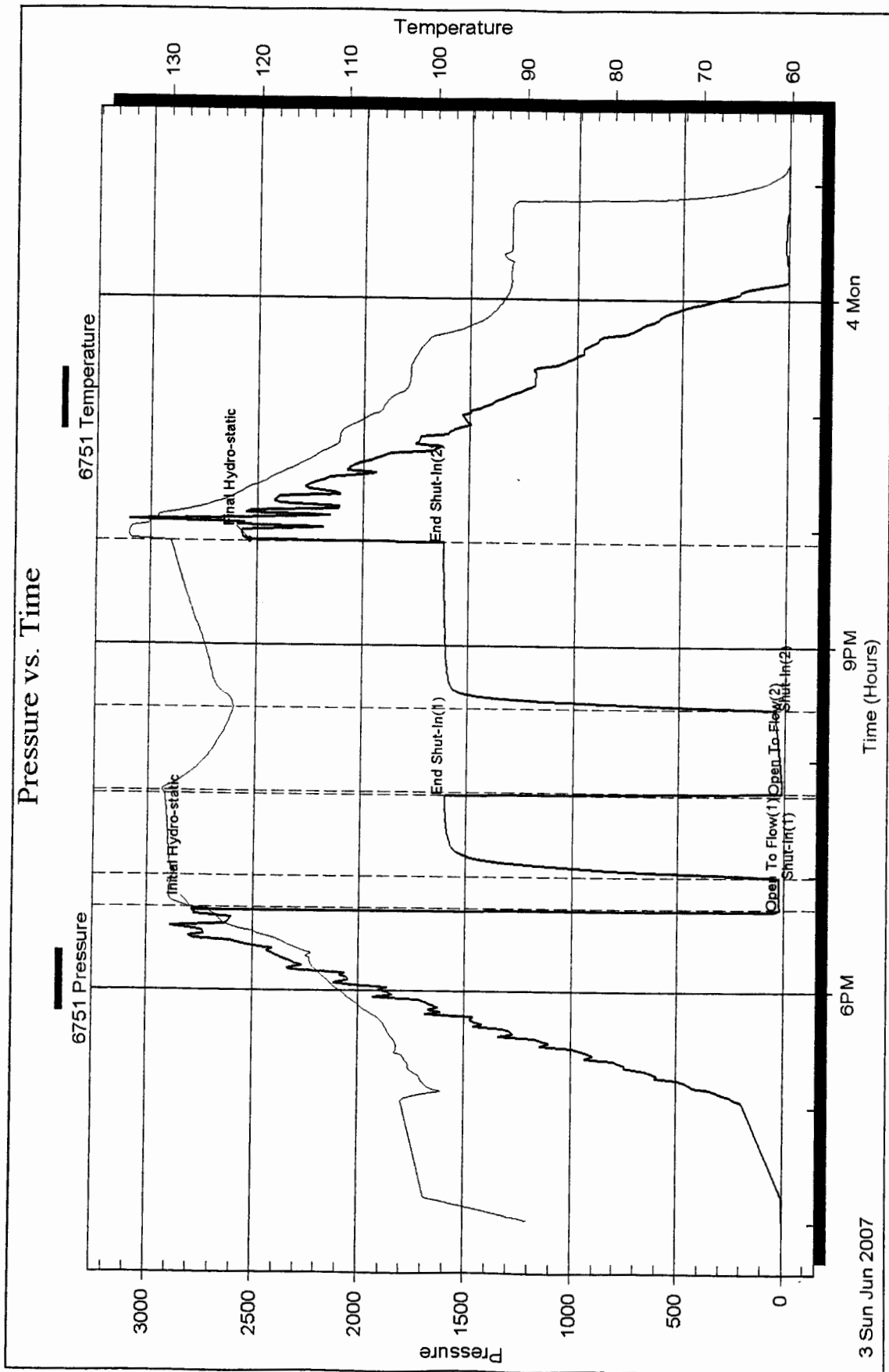
Inside

Strata Exploation Inc

4 30 32 Haskill KS

DST Test Number: 4

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 27357

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