

DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

33 29 32 Haskell KS

#3 Murphy Trust

Start Date: 2007.09.26 @ 13:55:44

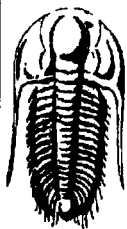
End Date: 2007.09.26 @ 22:49:59

Job Ticket #: 27172 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc

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Job Ticket: 27172

DST#: 1

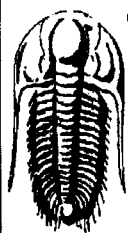
Test Start: 2007.09.26 @ 13:55:44

Tool Information

Drill Pipe:	Length: 4831.00 ft	Diameter: 3.80 inches	Volume: 67.77 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:	20000.00 lb
Drill Collar:	Length: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	75000.00 lb
		Total Volume:	68.99 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	5084.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	56.00 ft				
Tool Length:	78.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5063.00	
Shut In Tool	5.00			5068.00	
Hydraulic tool	5.00			5073.00	
Safety Joint	2.00			5075.00	
Packer	5.00		Fluid	5080.00	22.00 Bottom Of Top Packer
Packer	4.00			5084.00	
Stubb	1.00			5085.00	
Recorder	0.00	6625	Inside	5085.00	
Perforations	13.00			5098.00	
Change Over Sub	1.00			5099.00	
Drill Pipe	32.00			5131.00	
Change Over Sub	1.00			5132.00	
Perforations	5.00			5137.00	
Recorder	0.00	13761	Inside	5137.00	
Bullnose	3.00			5140.00	56.00 Bottom Packers & Anchor

Total Tool Length: 78.00



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DST#: 1

ATTN: Jon Christensen

Test Start: 2007.09.26 @ 13:55:44

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: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100%MOil scum on top	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:

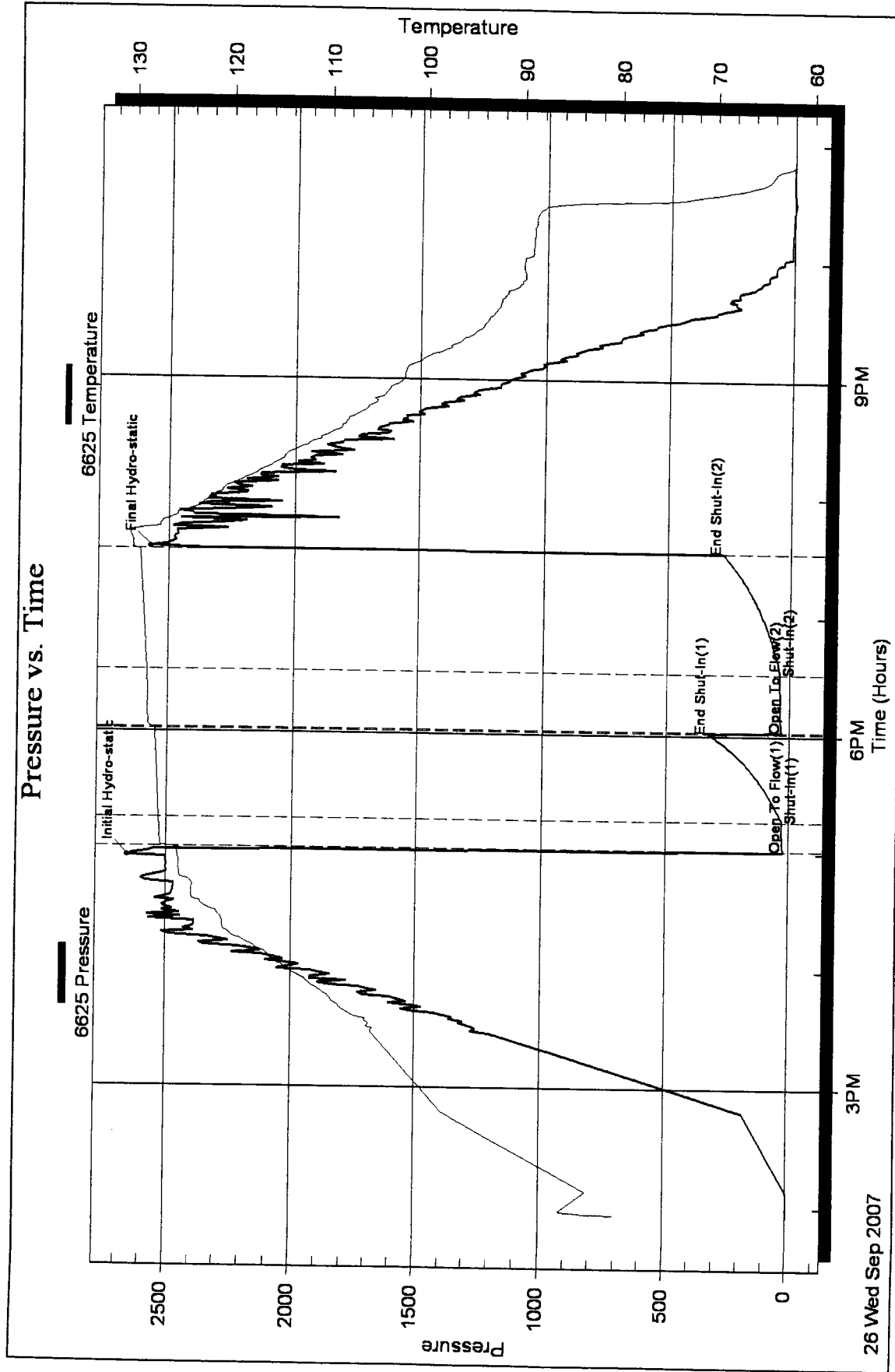
Serial #: 6625

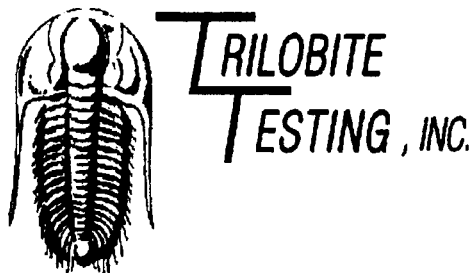
Inside

Strata Exploration Inc

33 29 32 Haskell KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401
Fairfield IL 62837

ATTN: Jon Christensen

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#3 Murphy Trust

Start Date: 2007.09.28 @ 14:29:19

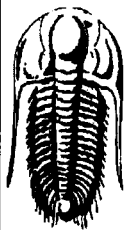
End Date: 2007.09.29 @ 00:18:04

Job Ticket #: 27173 DST #: 2

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DRILL STEM TEST REPORT

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ATTN: Jon Christensen

#3 Murphy Trust

33 29 32 Haskell KS

Job Ticket: 27173

DST#: 2

Test Start: 2007.09.28 @ 14:29:19

GENERAL INFORMATION:

Formation: **Morrow SS**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:31:04

Time Test Ended: 00:18:04

Test Type: Conventional Bottom Hole

Tester: Delton Brown

Unit No: 28

Interval: **5213.00 ft (KB) To 5305.00 ft (KB) (TVD)**

Total Depth: 5305.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2903.00 ft (KB)

2892.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6625 Inside

Press@RunDepth: 35.64 psig @ 5214.00 ft (KB)

Start Date: 2007.09.28

End Date:

2007.09.29

Start Time: 14:29:20

End Time:

00:18:04

Capacity: 7000.00 psig

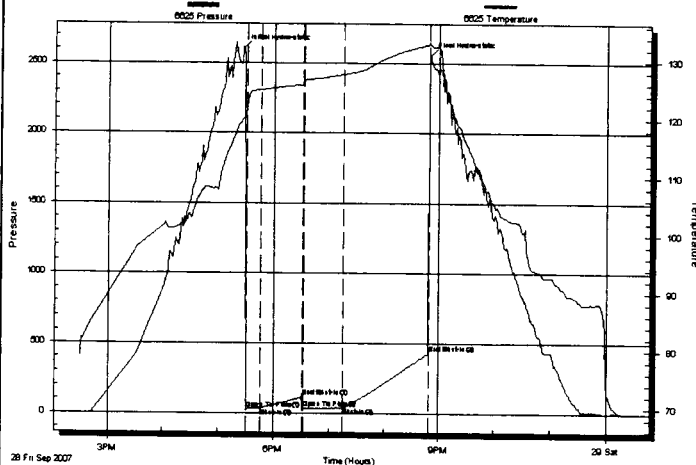
Last Calib.: 1899.12.30

Time On Btm: 2007.09.28 @ 17:26:49

Time Off Btm: 2007.09.28 @ 20:50:34

TEST COMMENT: IF Weak blow building to 5" @ 15 min.
ISI No return blow
FF Weak blow building to BOB @ 44 min.
FSI No return blow

Pressure vs. Time



PRESSURE SUMMARY

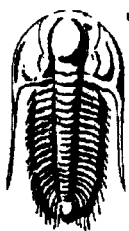
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2603.42	119.92	Initial Hydro-static
5	26.22	121.97	Open To Flow (1)
19	33.71	125.02	Shut-In(1)
64	114.11	125.86	End Shut-In(1)
65	30.99	126.01	Open To Flow (2)
109	35.64	127.68	Shut-In(2)
202	428.57	132.91	End Shut-In(2)
204	2550.56	132.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Oil spot heavy Mud Spot/O 100%M	0.07

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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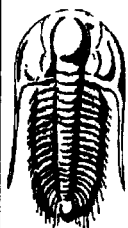
Test Start: 2007.09.28 @ 14:29:19

Tool Information

Drill Pipe:	Length: 4956.00 ft	Diameter: 3.80 inches	Volume: 69.52 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: 20000.00 lb
Drill Collar:	Length: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume:	70.74 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	5213.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	92.00 ft			
Tool Length:	119.00 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			5187.00		
Shut In Tool	5.00			5192.00		
Hydraulic tool	5.00			5197.00		
Jars	5.00			5202.00		
Safety Joint	2.00			5204.00		
Packer	5.00		Fluid	5209.00	27.00	Bottom Of Top Packer
Packer	4.00			5213.00		
Stubb	1.00			5214.00		
Recorder	0.00	6625	Inside	5214.00		
Perforations	13.00			5227.00		
Change Over Sub	1.00			5228.00		
Drill Pipe	63.00			5291.00		
Change Over Sub	1.00			5292.00		
Perforations	10.00			5302.00		
Recorder	0.00	13761	Inside	5302.00		
Bullnose	3.00			5305.00	92.00	Bottom Packers & Anchor
Total Tool Length:		119.00				



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Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 10.37 in³

Resistivity: ohm.m

Salinity: 3500.00 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
15.00	Oil spot heavy Mud Spot/O 100%M	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

