

15-081-21029

Strata Exploration Inc

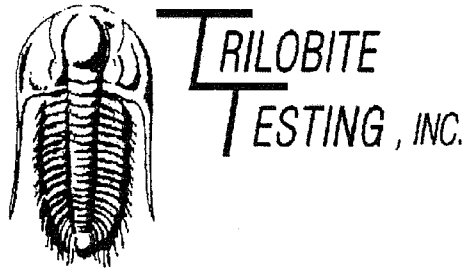
Ethel #1

26-29-32 Haskell, Ks

DST # 1

Atoka

2005.11.27



DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401

Fairfield, IL 62837

CONFIDENTIAL
RECEIVE
JAN 19 2006

ATTN: Strata Exploration

KCC WICH

26-29-32 Haskell, Ks

Ethel #1

Start Date: 2005.11.27 @ 08:15:31

End Date: 2005.11.27 @ 19:00:11

Job Ticket #: 22595

DST #: 1

15-081-21029

C E2 SW NE

3300 FSL 1050 FEL

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: Strata Exploration

Ethel #1

26-29-32 Haskell, Ks

Job Ticket: 22595

DST#: 1

Test Start: 2005.11.27 @ 08:15:31

GENERAL INFORMATION:

Formation: **Atoka**

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

Time Tool Opened: 11:43:56

Time Test Ended: 19:00:11

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **25**

Interval: **5081.00 ft (KB) To 5129.00 ft (KB) (TVD)**

Total Depth: **5129.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2903.00 ft (KB)**

2895.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: **6798**

Inside

Press@RunDepth: **55.46 psig @ 5082.00 ft (KB)**

Start Date: **2005.11.27**

End Date: **2005.11.27**

Start Time: **08:15:31**

End Time: **18:52:11**

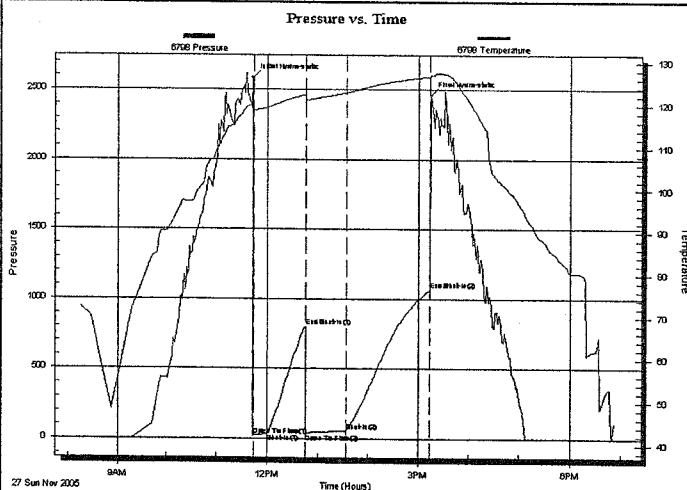
Capacity: **7000.00 psig**

Last Calib.: **2005.11.27**

Time On Btmr: **2005.11.27 @ 11:43:11**

Time Off Btmr: **2005.11.27 @ 15:15:11**

TEST COMMENT: B.O.B. in 5 min.
No return
B.O.B. in 2 min.
No return



PRESSURE SUMMARY

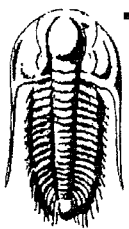
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2585.53	120.47	Initial Hydro-static
1	22.25	118.85	Open To Flow (1)
18	34.95	119.50	Shut-In(1)
62	805.36	122.57	End Shut-In(1)
63	33.97	121.39	Open To Flow (2)
111	55.46	122.97	Shut-In(2)
211	1068.55	126.83	End Shut-In(2)
212	2459.50	127.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	mud w/oil spots	0.34

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc

Ethel #1

PO Box 401
Fairfield IL 62837

26-29-32 Haskell, Ks

Job Ticket: 22595

DST#: 1

ATTN: Strata Exploration

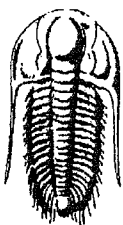
Test Start: 2005.11.27 @ 08:15:31

Tool Information

Drill Pipe:	Length: 4780.00 ft	Diameter: 3.80 inches	Volume: 67.05 bbl	Tool Weight: 1500.00 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: 311.00 ft	Diameter: 2.25 inches	Volume: 1.53 bbl	Weight to Pull Loose: 75000.00 lb
			Total Volume: 68.58 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	5081.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 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			5060.00	
Shut In Tool	5.00			5065.00	
Hydraulic tool	5.00			5070.00	
Safety Joint	2.00			5072.00	
Packer	5.00			5077.00	22.00 Bottom Of Top Packer
Packer	4.00			5081.00	
Stubb	1.00			5082.00	
Recorder	0.00	6798	Inside	5082.00	
Perforations	9.00			5091.00	
Change Over Sub	1.00			5092.00	
Drill Pipe	31.00			5123.00	
Change Over Sub	1.00			5124.00	
Recorder	0.00	11058	Outside	5124.00	
Bullnose	5.00			5129.00	48.00 Bottom Packers & Anchor

Total Tool Length: 70.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

Ethel #1

PO Box 401
Fairfield IL 62837

26-29-32 Haskell, Ks

Job Ticket: 22595

DST#: 1

ATTN: Strata Exploration

Test Start: 2005.11.27 @ 08:15:31

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 58.00 sec/qt

Water Loss: 7.99 in³

Resistivity: 0.00 ohm.m

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

0 deg API

Water Salinity:

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	mud w/oil spots	0.344

Total Length: 70.00 ft

Total Volume: 0.344 bbl

Num Fluid Samples: 0

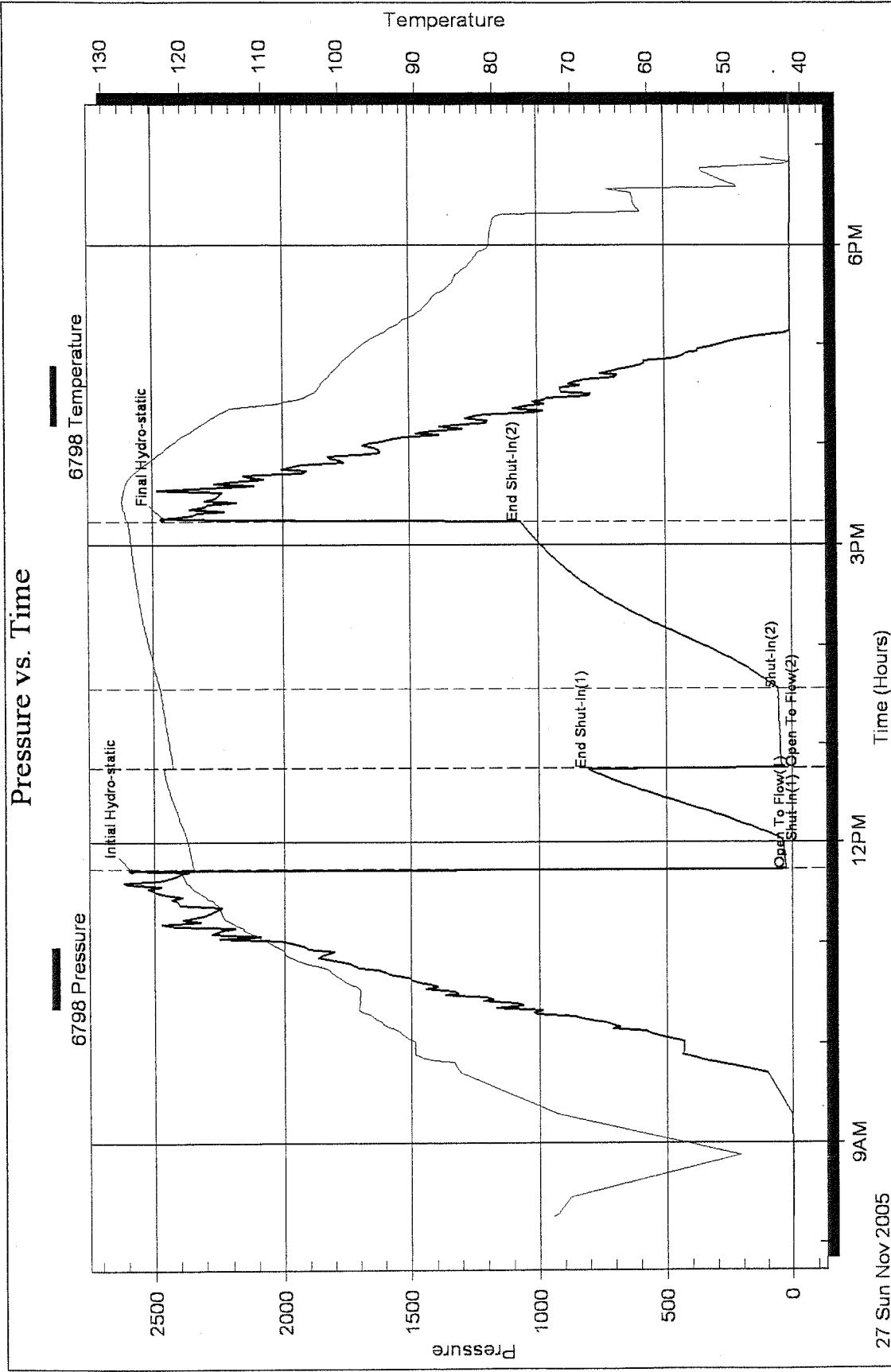
Num Gas Bombs: 0

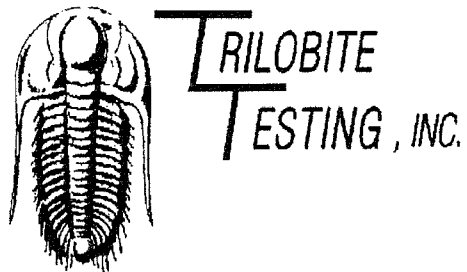
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: show of free oil in tool





DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401
Fairfield IL 62837

ATTN: Strata Exploration

26-29-32 Haskell,Ks

Ethel #1

Start Date: 2005.11.28 @ 13:45:14

End Date: 2005.11.29 @ 00:25:54

Job Ticket #: 22596 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: Strata Exploration

Ethel #1

26-29-32 Haskell, Ks

Job Ticket: 22596

DST#: 2

Test Start: 2005.11.28 @ 13:45:14

GENERAL INFORMATION:

Formation: **Atoka sand**

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

Time Tool Opened: 17:50:39

Time Test Ended: 00:25:54

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **25**

Interval: **5250.00 ft (KB) To 5284.00 ft (KB) (TVD)**

Total Depth: **5284.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2903.00 ft (KB)**

2895.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 6798 **Inside**

Press@RunDepth: **13.60 psig @ 5251.00 ft (KB)**

Start Date: **2005.11.28**

End Date:

2005.11.29

Start Time: **13:45:14**

End Time:

00:17:54

Capacity: **7000.00 psig**

Last Calib.: **2005.11.29**

Time On Btm: **2005.11.28 @ 17:49:54**

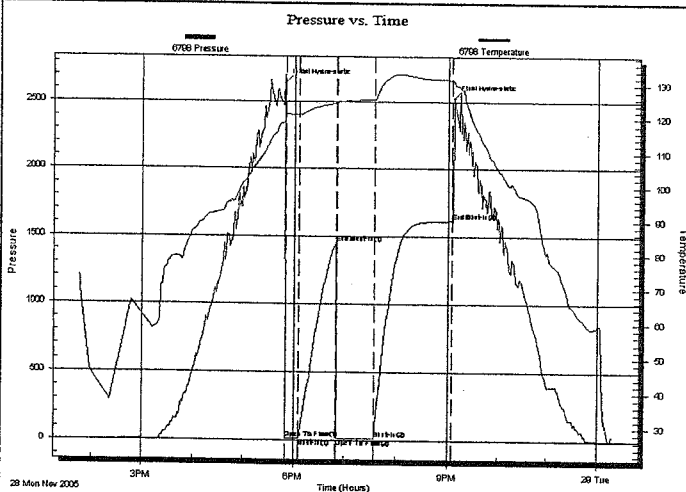
Time Off Btm: **2005.11.28 @ 21:06:54**

TEST COMMENT: **Surging blow built to 11" in.**

No return

B.O.B. @ open

No return



PRESSURE SUMMARY

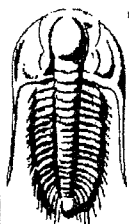
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2642.84	119.49	Initial Hydro-static
1	13.63	120.87	Open To Flow (1)
16	16.70	121.29	Shut-In(1)
60	1451.04	124.64	End Shut-In(1)
61	11.58	124.26	Open To Flow (2)
105	13.60	125.66	Shut-In(2)
196	1613.87	131.58	End Shut-In(2)
197	2529.63	131.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100% m	0.10

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc

Ethel #1

PO Box 401
Fairfield IL 62837

26-29-32 Haskell, Ks

Job Ticket: 22596

DST#: 2

ATTN: Strata Exploration

Test Start: 2005.11.28 @ 13:45:14

Tool Information

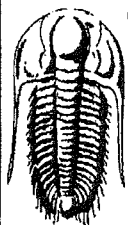
Drill Pipe:	Length: 4936.00 ft	Diameter: 3.80 inches	Volume: 69.24 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 311.00 ft	Diameter: 2.25 inches	Volume: 1.53 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume:	70.77 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 76000.00 lb
Depth to Top Packer:	5250.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 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
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Change Over Sub	1.00			5229.00	
Shut In Tool	5.00			5234.00	
Hydraulic tool	5.00			5239.00	
Safety Joint	2.00			5241.00	
Packer	5.00			5246.00	22.00 Bottom Of Top Packer
Packer	4.00			5250.00	
Stubb	1.00			5251.00	
Recorder	0.00	6798	Inside	5251.00	
Perforations	28.00			5279.00	
Recorder	0.00	11058	Outside	5279.00	
Bullnose	5.00			5284.00	34.00 Bottom Packers & Anchor

Total Tool Length: 56.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

Ethel #1

PO Box 401
Fairfield IL 62837

26-29-32 Haskell, Ks

Job Ticket: 22596

DST#: 2

ATTN: Strata Exploration

Test Start: 2005.11.28 @ 13:45:14

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 7.99 in³

Resistivity: 0.00 ohm.m

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

0 deg API

2500 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	mud 100% m	0.098

Total Length: 20.00 ft

Total Volume: 0.098 bbl

Num Fluid Samples: 0

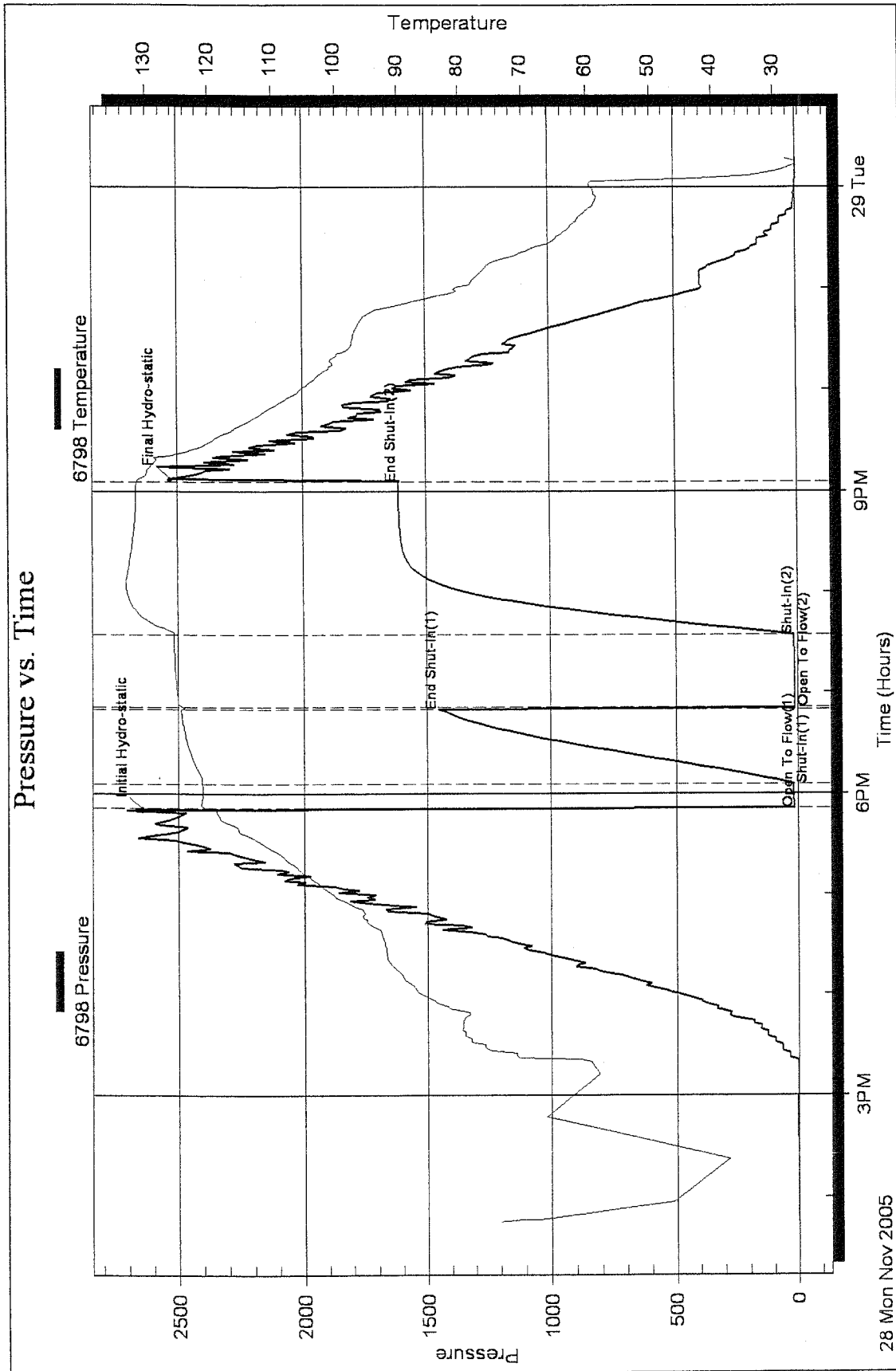
Num Gas Bombs: 0

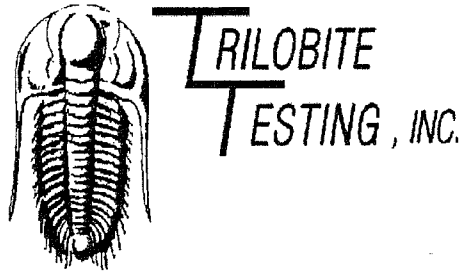
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1158' gas in pipe





DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401
Fairfield IL 62837

ATTN: Strata Exploration

26-29-32 Haskell,Ks

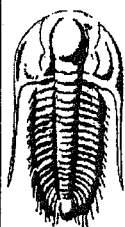
Ethel #1

Start Date: 2005.11.30 @ 06:48:11

End Date: 2005.11.30 @ 17:20:51

Job Ticket #: 22597 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: Strata Exploration

Ethel #1

26-29-32 Haskell, Ks

Job Ticket: 22597

DST#: 3

Test Start: 2005.11.30 @ 06:48:11

GENERAL INFORMATION:

Formation: **St Louis A**

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

Time Tool Opened: 10:00:51

Time Test Ended: 17:20:51

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **25**

Interval: **5512.00 ft (KB) To 5538.00 ft (KB) (TVD)**

Total Depth: **5538.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2903.00 ft (KB)**

2895.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: **6798**

Inside

Press@RunDepth: **89.06 psig @ 5513.00 ft (KB)**

Start Date: **2005.11.30**

End Date: **2005.11.30**

Capacity: **7000.00 psig**

Last Calib.: **2005.11.30**

Start Time: **06:48:11**

End Time: **17:47:51**

Time On Btm: **2005.11.30 @ 10:00:06**

Time Off Btm: **2005.11.30 @ 14:07:06**

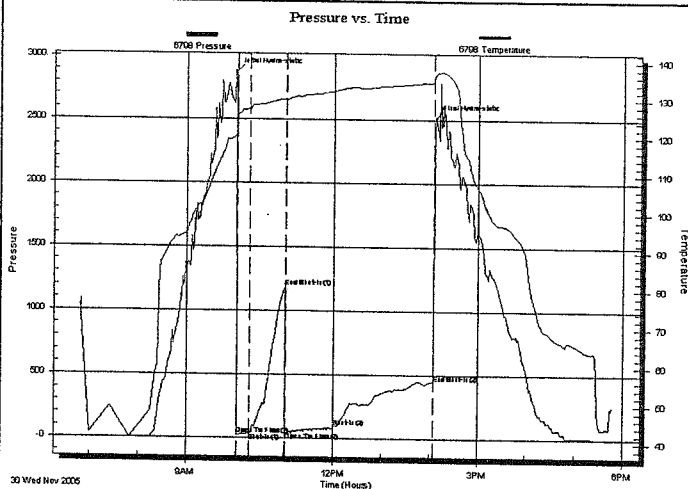
TEST COMMENT:

B.O.B. in 4 min.

Bleed off for 3 min. Return to B.O.B. in 9 min.

B.O.B. @ open

Bled off for 5 min. Return to B.O.B. in 7 min. G.T.S. 1hr 20 min into shut in



PRESSURE SUMMARY

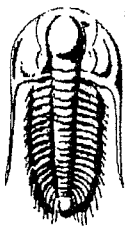
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2878.36	120.27	Initial Hydro-static
1	23.77	124.71	Open To Flow (1)
16	37.94	127.50	Shut-In(1)
61	1181.31	130.17	End Shut-In(1)
62	49.41	130.09	Open To Flow (2)
121	89.06	132.20	Shut-In(2)
245	445.26	134.71	End Shut-In(2)
247	2514.91	136.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
151.00	o c g m 20g 40o 40m	0.74
120.00	s m c g o 20g 70o 10m	0.59

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc

Ethel #1

PO Box 401
Fairfield IL 62837

26-29-32 Haskell, Ks

Job Ticket: 22597

DST#: 3

ATTN: Strata Exploration

Test Start: 2005.11.30 @ 06:48:11

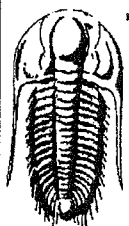
Tool Information

Drill Pipe:	Length: 5191.00 ft	Diameter: 3.80 inches	Volume: 72.82 bbl	Tool Weight: 1500.00 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: 311.00 ft	Diameter: 2.25 inches	Volume: 1.53 bbl	Weight to Pull Loose: 85000.00 lb
		Total Volume:	74.35 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	5512.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	48.00 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			5491.00	
Shut In Tool	5.00			5496.00	
Hydraulic tool	5.00			5501.00	
Safety Joint	2.00			5503.00	
Packer	5.00			5508.00	22.00 Bottom Of Top Packer
Packer	4.00			5512.00	
Stubb	1.00			5513.00	
Recorder	0.00	6798	Inside	5513.00	
Perforations	20.00			5533.00	
Recorder	0.00	11058	Outside	5533.00	
Bullnose	5.00			5538.00	26.00 Bottom Packers & Anchor

Total Tool Length: 48.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc

Ethel #1

PO Box 401
Fairfield IL 62837

26-29-32 Haskell, Ks

Job Ticket: 22597

DST#: 3

ATTN: Strata Exploration

Test Start: 2005.11.30 @ 06:48:11

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 60.00 sec/qt

Water Loss: 8.79 in³

Resistivity: 0.00 ohm.m

Salinity: 3100.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

0 deg API

3100 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
151.00	o c g m 20g 40o 40m	0.743
120.00	s m c g o 20g 70o 10m	0.590

Total Length: 271.00 ft

Total Volume: 1.333 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

