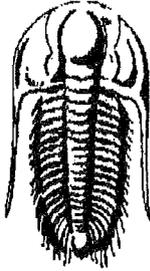


15-163-23819

26-10s-18w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N Main Ste 801
Wichita Ks 67202

ATTN: Mark Galyon

CONFIDENTIAL
NOV 02 2009
KCS

26-10-18 Rooks KS

Shephard Trust # 1-26

Start Date: 2009.09.20 @ 09:03:31

End Date: 2009.09.20 @ 15:54:31

Job Ticket #: 36551 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Abercrombie Energy LLC

Shephard Trust # 1-26

26-10-18 Rooks KS

DST # 1

Oread/Plattsmouth

2009.09.20



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Abercrombie Energy LLC

150 N Main Ste 801
Wichita Ks 67202

ATTN: Mark Galyon

Shephard Trust # 1-26

26-10-18 Rooks KS

Job Ticket: 36551

DST#: 1

Test Start: 2009.09.20 @ 09:03:31

GENERAL INFORMATION:

Formation: **Oread/Plattsmouth**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:03:01

Time Test Ended: 15:54:31

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: **3227.00 ft (KB) To 3295.00 ft (KB) (TVD)**

Total Depth: 3295.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2127.00 ft (KB)

2119.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8354

Inside

Press@RunDepth: 285.18 psig @ 3234.00 ft (KB)

Start Date: 2009.09.20

End Date:

2009.09.20

Capacity: 8000.00 psig

Last Calib.: 2009.09.20

Start Time: 09:03:32

End Time:

15:54:31

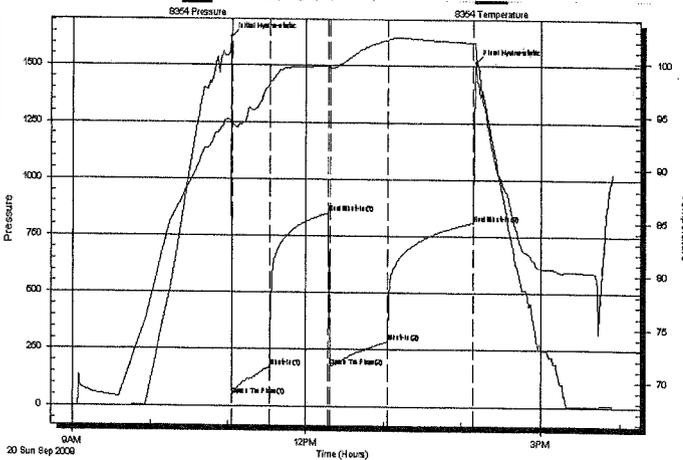
Time On Btm: 2009.09.20 @ 11:02:31

Time Off Btm: 2009.09.20 @ 14:10:31

TEST COMMENT: IF-Strong B-B in 6 min

FF-Strong B-B in 11 min

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1624.46	94.59	Initial Hydro-static
1	46.40	94.21	Open To Flow (1)
30	172.40	97.99	Shut-In(1)
75	849.77	99.64	End Shut-In(1)
76	176.98	99.48	Open To Flow(2)
121	285.18	102.16	Shut-In(2)
186	810.07	101.95	End Shut-In(2)
188	1513.97	100.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
434.00	Mdy Wtr	5.00
124.00	Drig Mud	1.74
0.00	Rw .10 @ 80 = 68000ppm Clh	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

Shepard Trust # 1-26

150 N Main Ste 801
Wichita Ks 67202

26-10-18 Rooks KS

Job Ticket: 36551

DST#: 1

ATTN: Mark Galyon

Test Start: 2009.09.20 @ 09:03:31

Tool Information

Drill Pipe:	Length: 3089.00 ft	Diameter: 3.80 inches	Volume: 43.33 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: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 43.92 bbl</u>	Tool Chased 6.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3227.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	68.00 ft			
Tool Length:	91.00 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			3205.00	
Shut In Tool	5.00			3210.00	
Hydraulic tool	5.00			3215.00	
Safety Joint	3.00			3218.00	
Packer	5.00			3223.00	23.00 Bottom Of Top Packer
Packer	4.00			3227.00	
Stubb	1.00			3228.00	
Perforations	5.00			3233.00	
Change Over Sub	1.00			3234.00	
Recorder	0.00	8354	Inside	3234.00	
Recorder	0.00	8520	Outside	3234.00	
Drill Pipe	31.00			3265.00	
Change Over Sub	1.00			3266.00	
Perforations	26.00			3292.00	
Bullnose	3.00			3295.00	68.00 Bottom Packers & Anchor

Total Tool Length: 91.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

Shephard Trust # 1-26

150 N Main Ste 801
Wichita Ks 67202

26-10-18 Rooks KS

Job Ticket: 36551

DST#: 1

ATTN: Mark Galyon

Test Start: 2009.09.20 @ 09:03:31

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:

68000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.74 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
434.00	Mdy Wtr	5.004
124.00	Drig Mud	1.739
0.00	Rw .10 @ 80 = 68000ppm Ch	0.000

Total Length: 558.00 ft

Total Volume: 6.743 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

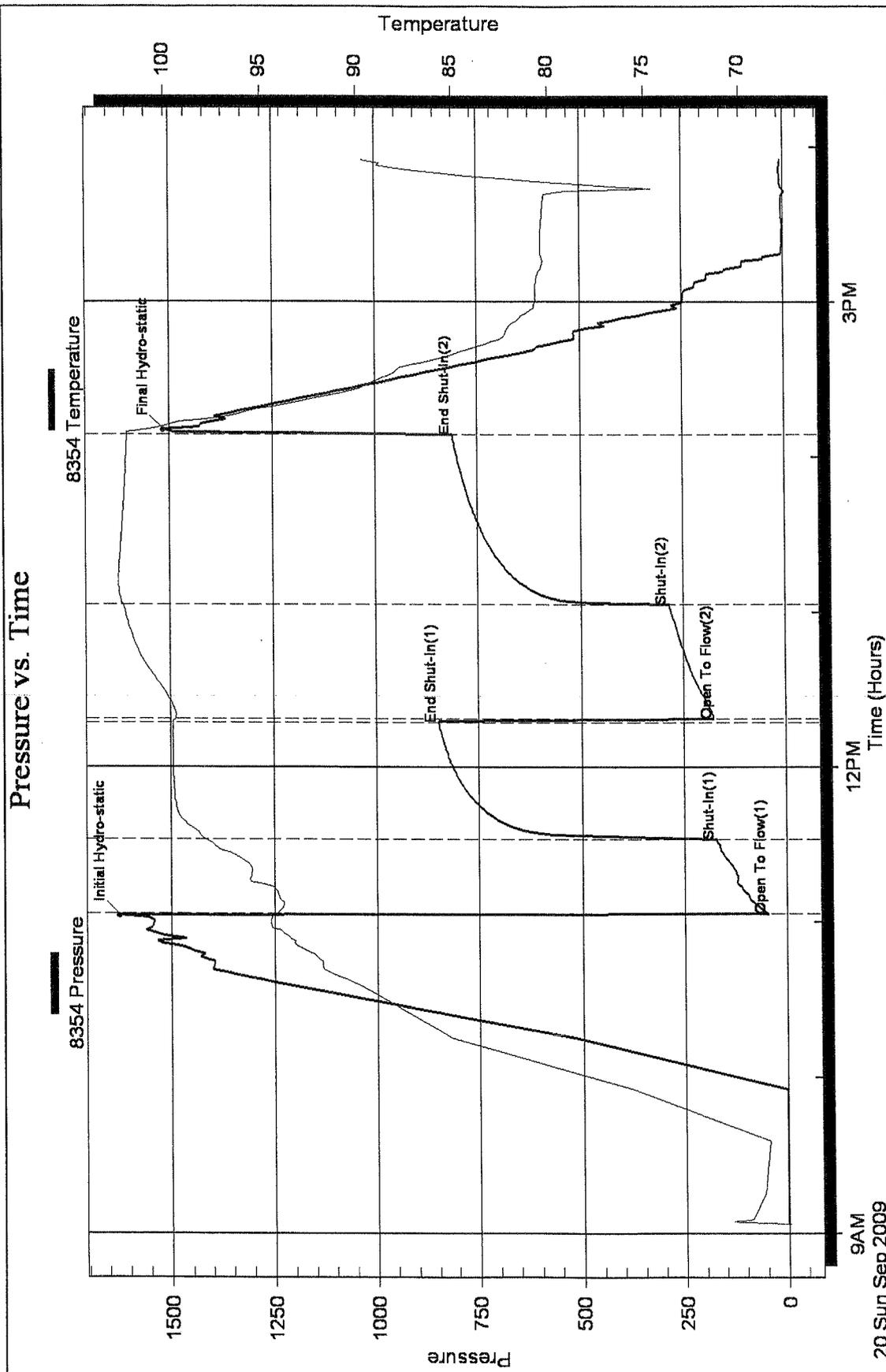
Serial #:

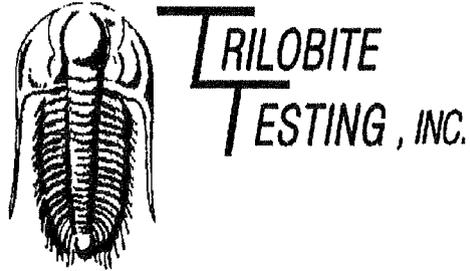
Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .10 @ 80 = 68000ppm

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N Main Ste 801
Wichita Ks 67202

ATTN: Mark Galyon

26-10-18 Rooks KS

Shephard Trust # 1-26

Start Date: 2009.09.21 @ 06:55:41

End Date: 2009.09.21 @ 13:40:41

Job Ticket #: 36552 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Abercrombie Energy LLC

150 N Main Ste 801
Wichita Ks 67202

ATTN: Mark Galyon

Shephard Trust # 1-26

26-10-18 Rooks KS

Job Ticket: 36552

DST#: 2

Test Start: 2009.09.21 @ 06:55:41

GENERAL INFORMATION:

Formation: **Toronto/ Lansing D**

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

Time Tool Opened: 08:52:11

Time Test Ended: 13:40:41

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **38**

Interval: **3312.00 ft (KB) To 3423.00 ft (KB) (TVD)**

Total Depth: **3423.00 ft (KB) (TVD)**

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

Reference Elevations: **2127.00 ft (KB)**

2119.00 ft (CF)

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

Serial #: 8354

Inside

Press@RunDepth: **91.30 psig @ 3315.00 ft (KB)**

Start Date: **2009.09.21**

End Date:

2009.09.21

Capacity: **8000.00 psig**

Last Calib.: **2009.09.21**

Start Time: **06:55:42**

End Time:

13:40:41

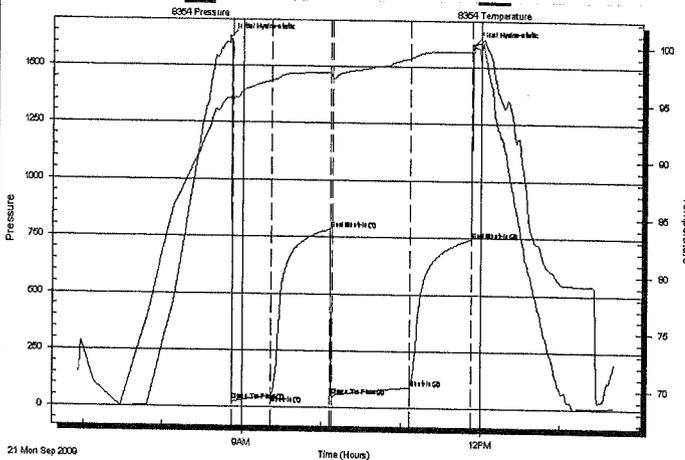
Time On Btm: **2009.09.21 @ 08:50:11**

Time Off Btm: **2009.09.21 @ 11:54:41**

TEST COMMENT: **IF-Weak building to fail B-B in 26 min**

FF-Strong B-B in 16 min

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1622.44	95.38	Initial Hydro-static
2	24.74	95.03	Open To Flow (1)
32	51.10	96.93	Shut-In(1)
77	784.27	97.70	End Shut-In(1)
78	51.26	97.33	Open To Flow (2)
137	91.30	98.94	Shut-In(2)
183	742.79	99.60	End Shut-In(2)
185	1595.89	100.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 10%o 90%m	0.42
125.00	OCGsyM 5%g 20%o 75%m	1.75
60.00	MCGsyO 20%g 50%o 30%m	0.84
0.00	375 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

Shepherd Trust # 1-26

150 N Main Ste 801
Wichita Ks 67202

26-10-18 Rooks KS

Job Ticket: 36552

DST#: 2

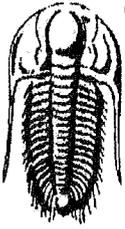
ATTN: Mark Galyon

Test Start: 2009.09.21 @ 06:55:41

Tool Information

Drill Pipe:	Length: 3310.00 ft	Diameter: 3.80 inches	Volume: 46.43 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	50000.00 lb
			<u>Total Volume: 46.43 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	3312.00 ft			Final	49000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	111.00 ft				
Tool Length:	134.00 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			3290.00	
Shut In Tool	5.00			3295.00	
Hydraulic tool	5.00			3300.00	
Safety Joint	3.00			3303.00	
Packer	5.00			3308.00	23.00 Bottom Of Top Packer
Packer	4.00			3312.00	
Stubb	1.00			3313.00	
Perforations	1.00			3314.00	
Change Over Sub	1.00			3315.00	
Recorder	0.00	8354	Inside	3315.00	
Recorder	0.00	8520	Outside	3315.00	
Drill Pipe	94.00			3409.00	
Change Over Sub	1.00			3410.00	
Perforations	10.00			3420.00	
Bullnose	3.00			3423.00	111.00 Bottom Packers & Anchor
Total Tool Length:	134.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

Shephard Trust # 1-26

150 N Main Ste 801
Wichita Ks 67202

26-10-18 Rooks KS

Job Ticket: 36552

DST#: 2

ATTN: Mark Galyon

Test Start: 2009.09.21 @ 06:55:41

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 9.54 in³

Resistivity: ohm.m

Salinity: 3700.00 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
30.00	OCM 10%o 90%am	0.421
125.00	OCCsyM 5%g 20%o 75%am	1.753
60.00	MCCsyO 20%g 50%o 30%am	0.842
0.00	375 GIP	0.000

Total Length: 215.00 ft Total Volume: 3.016 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

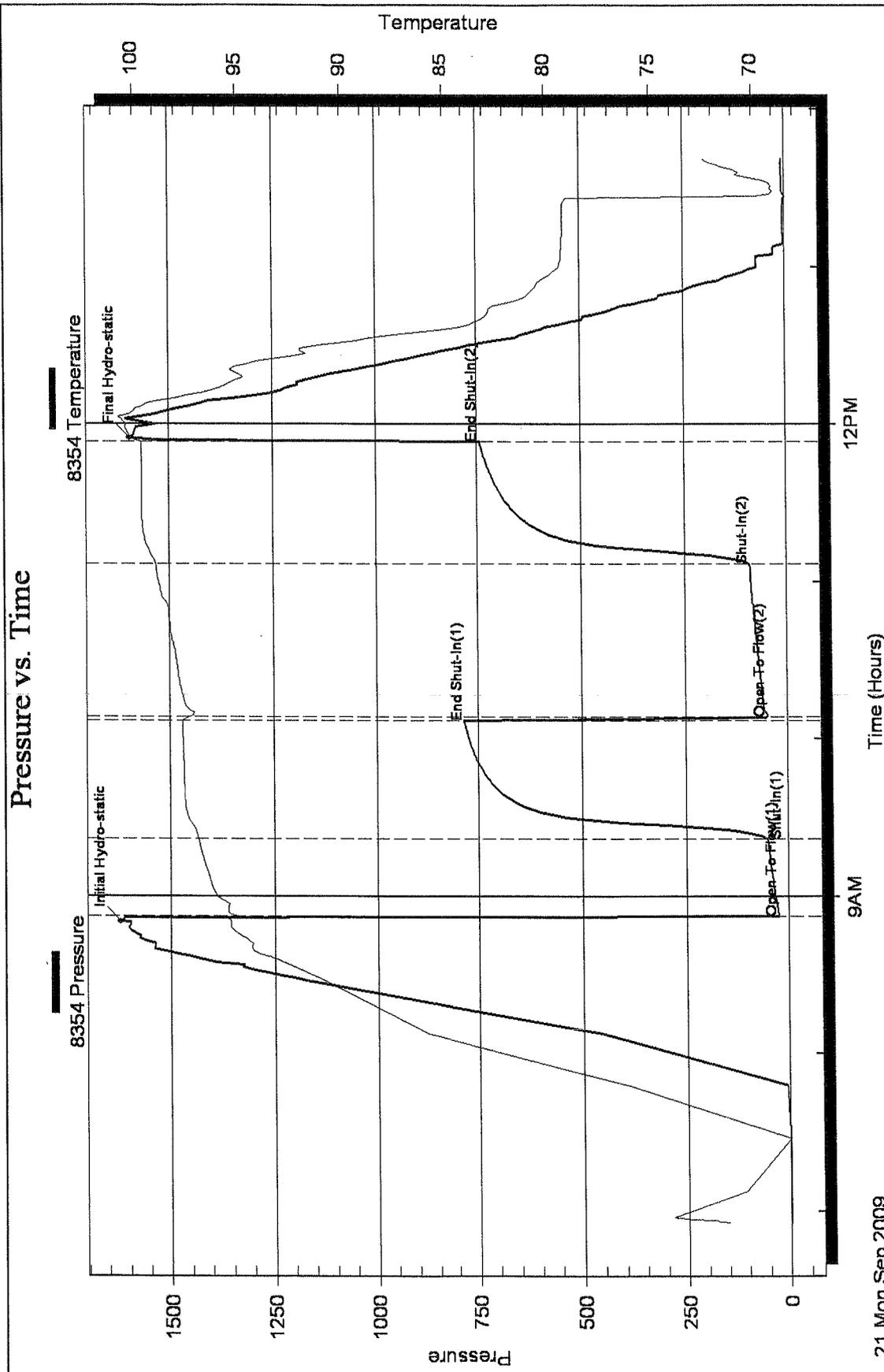
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

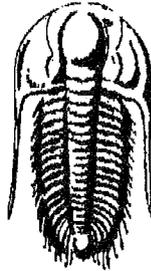


21 Mon Sep 2009

12PM

9AM

Time (Hours)



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N Main Ste 801
Wichita Ks 67202

ATTN: Mark Galyon

26-10-18 Rooks KS

Shephard Trust # 1-26

Start Date: 2009.09.21 @ 19:56:11

End Date: 2009.09.22 @ 02:43:11

Job Ticket #: 36553 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Abercrombie Energy LLC

Shephard Trust # 1-26

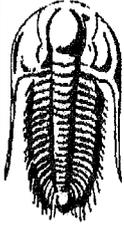
26-10-18 Rooks KS

DST # 3

E

K

2009.09.21



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Abercrombie Energy LLC

Shephard Trust # 1-26

150 N Main Ste 801
Wichita Ks 67202

26-10-18 Rooks KS

Job Ticket: 36553

DST#: 3

ATTN: Mark Galyon

Test Start: 2009.09.21 @ 19:56:11

GENERAL INFORMATION:

Formation: **E K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:34:11

Time Test Ended: 02:43:11

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: 3422.00 ft (KB) To 3443.00 ft (KB) (TVD)

Total Depth: 3443.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2127.00 ft (KB)

2119.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8354

Inside

Press@RunDepth: 45.78 psig @ 3423.00 ft (KB)

Start Date: 2009.09.21

End Date: 2009.09.22

Capacity: 8000.00 psig

Start Time: 19:56:12

End Time: 02:43:11

Last Calib.: 2009.09.22

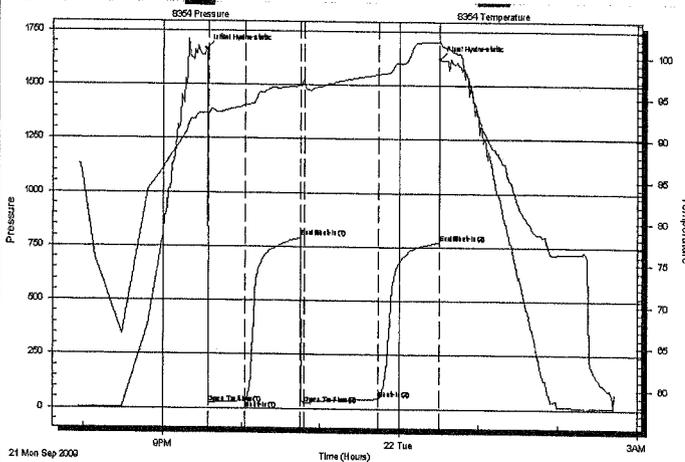
Time On Btm: 2009.09.21 @ 21:32:41

Time Off Btm: 2009.09.22 @ 00:30:41

TEST COMMENT: IF-Weak buiding to 5"

FF-Fair B-B in 40 min

Pressure vs. Time



PRESSURE SUMMARY

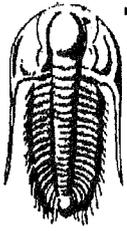
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1665.53	93.16	Initial Hydro-static
2	20.85	92.85	Open To Flow (1)
30	33.63	94.11	Shut-In(1)
73	792.28	96.52	End Shut-In(1)
75	22.85	96.85	Open To Flow (2)
132	45.78	97.88	Shut-In(2)
178	773.82	101.79	End Shut-In(2)
178	1621.26	102.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 40%o 60%o m	0.42
45.00	CO	0.63
0.00	190 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

Shephard Trust # 1-26

150 N Main Ste 801
Wichita Ks 67202

26-10-18 Rooks KS

Job Ticket: 36553

DST#: 3

ATTN: Mark Galyon

Test Start: 2009.09.21 @ 19:56:11

Tool Information

Drill Pipe:	Length: 3402.00 ft	Diameter: 3.80 inches	Volume: 47.72 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume: 47.72 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3422.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	44.00 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			3400.00	
Shut In Tool	5.00			3405.00	
Hydraulic tool	5.00			3410.00	
Safety Joint	3.00			3413.00	
Packer	5.00			3418.00	23.00 Bottom Of Top Packer
Packer	4.00			3422.00	
Stubb	1.00			3423.00	
Recorder	0.00	8354	Inside	3423.00	
Recorder	0.00	8520	Outside	3423.00	
Perforations	17.00			3440.00	
Bullnose	3.00			3443.00	21.00 Bottom Packers & Anchor
Total Tool Length:				44.00	



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

Shephard Trust # 1-26

150 N Main Ste 801
Wichita Ks 67202

26-10-18 Rooks KS

Job Ticket: 36553

DST#: 3

ATTN: Mark Galyon

Test Start: 2009.09.21 @ 19:56:11

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 9.94 in³

Resistivity: ohm.m

Salinity: 5300.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

34 deg API

Water Salinity:

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCM 40%o 60%m	0.421
45.00	CO	0.631
0.00	190 GIP	0.000

Total Length: 75.00 ft

Total Volume: 1.052 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

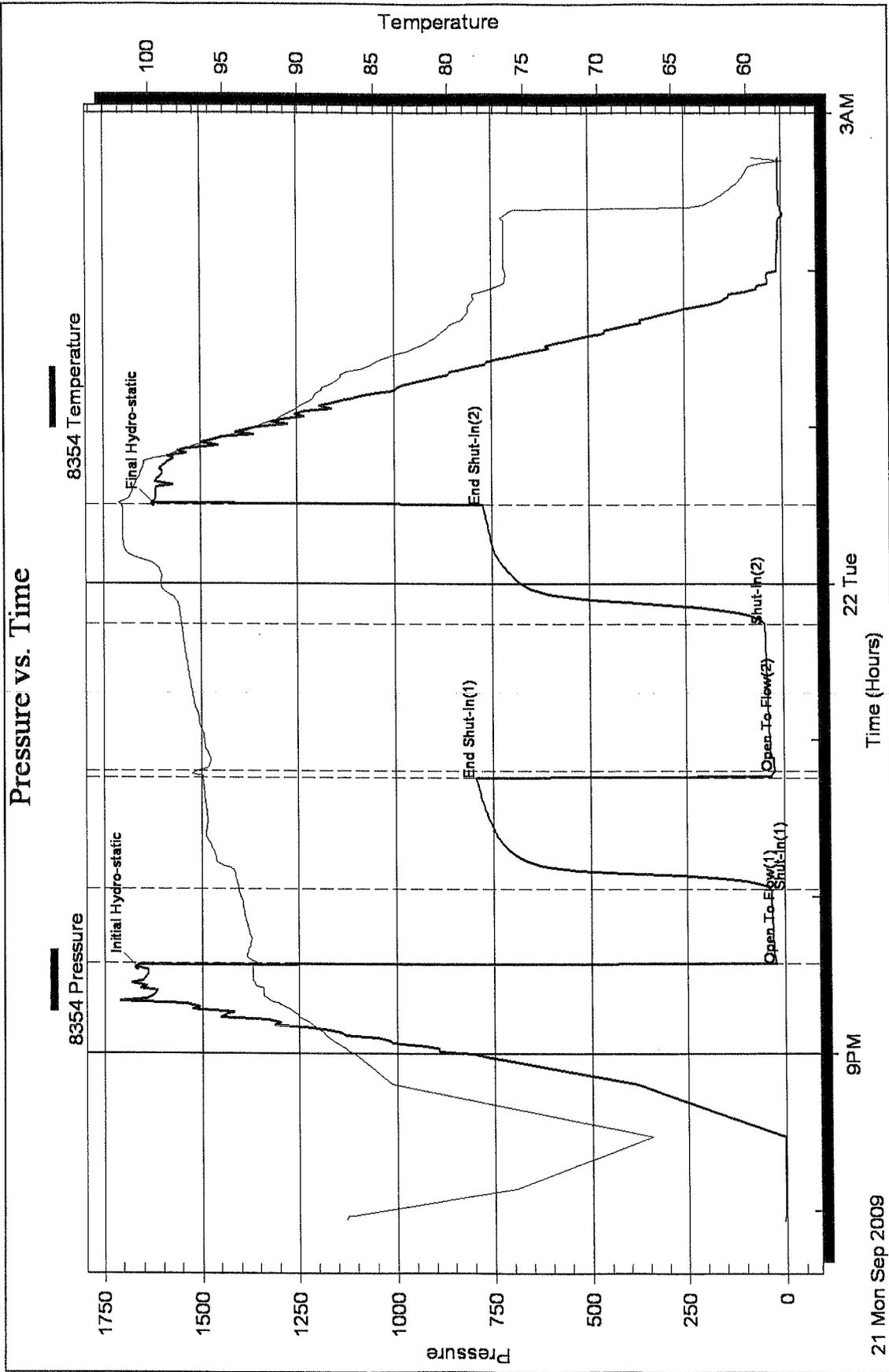
Serial #:

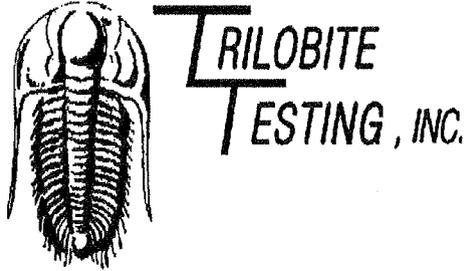
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N Main Ste 801
Wichita Ks 67202

ATTN: Mark Galyon

26-10-18 Rooks KS

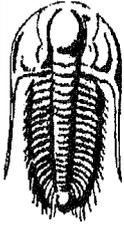
Shephard Trust # 1-26

Start Date: 2009.09.22 @ 12:10:20

End Date: 2009.09.22 @ 18:13:20

Job Ticket #: 36554 DST #: 4

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Abercrombie Energy LLC

Shephard Trust # 1-26

150 N Main Ste 801
Wichita Ks 67202

26-10-18 Rooks KS

Job Ticket: 36554

DST#: 4

ATTN: Mark Galyon

Test Start: 2009.09.22 @ 12:10:20

GENERAL INFORMATION:

Formation: **H K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:50:20
 Time Test Ended: 18:13:20

Test Type: Conventional Bottom Hole
 Tester: Dan Bangle
 Unit No: 38

Interval: **3467.00 ft (KB) To 3497.00 ft (KB) (TVD)**
 Total Depth: 3497.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2127.00 ft (KB)
 2119.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8354

Inside

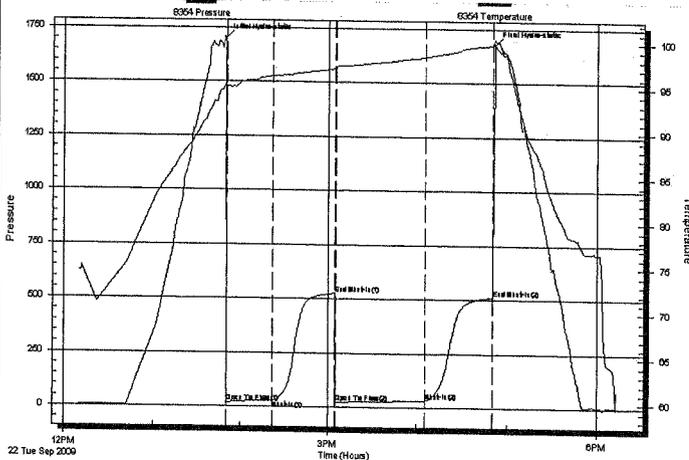
Press@RunDepth: 31.96 psig @ 3468.00 ft (KB)
 Start Date: 2009.09.22 End Date: 2009.09.22
 Start Time: 12:10:21 End Time: 18:13:20

Capacity: 8000.00 psig
 Last Calib.: 2009.09.22
 Time On Btm: 2009.09.22 @ 13:49:20
 Time Off Btm: 2009.09.22 @ 16:51:50

TEST COMMENT: IF-Weak building to 1 1/2"

FF-Weak building to 3/4"

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1701.49	95.30	Initial Hydro-static
1	17.73	95.08	Open To Flow (1)
32	27.64	96.27	Shut-In(1)
75	525.14	97.09	End Shut-In(1)
76	21.87	97.22	Open To Flow (2)
137	31.96	98.44	Shut-In(2)
182	509.32	99.77	End Shut-In(2)
183	1679.95	100.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	OCM 40%o 60%m	0.56
0.00	60 GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

Shephard Trust # 1-26

150 N Main Ste 801
Wichita Ks 67202

26-10-18 Rooks KS

Job Ticket: 36554

DST#: 4

ATTN: Mark Galyon

Test Start: 2009.09.22 @ 12:10:20

Tool Information

Drill Pipe:	Length: 3467.00 ft	Diameter: 3.80 inches	Volume: 48.63 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 48.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3467.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	53.00 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			3445.00	
Shut In Tool	5.00			3450.00	
Hydraulic tool	5.00			3455.00	
Safety Joint	3.00			3458.00	
Packer	5.00			3463.00	23.00 Bottom Of Top Packer
Packer	4.00			3467.00	
Stubb	1.00			3468.00	
Recorder	0.00	8354	Inside	3468.00	
Recorder	0.00	8520	Outside	3468.00	
Perforations	26.00			3494.00	
Bullnose	3.00			3497.00	30.00 Bottom Packers & Anchor

Total Tool Length: 53.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

Shephard Trust # 1-26

150 N Main Ste 801
Wichita Ks 67202

26-10-18 Rooks KS

Job Ticket: 36554

DST#: 4

ATTN: Mark Galyon

Test Start: 2009.09.22 @ 12:10:20

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: 59.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.76 in³

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: 5500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
40.00	OCM 40%o 60%m	0.561
0.00	60 GIP	0.000

Total Length: 40.00 ft

Total Volume: 0.561 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

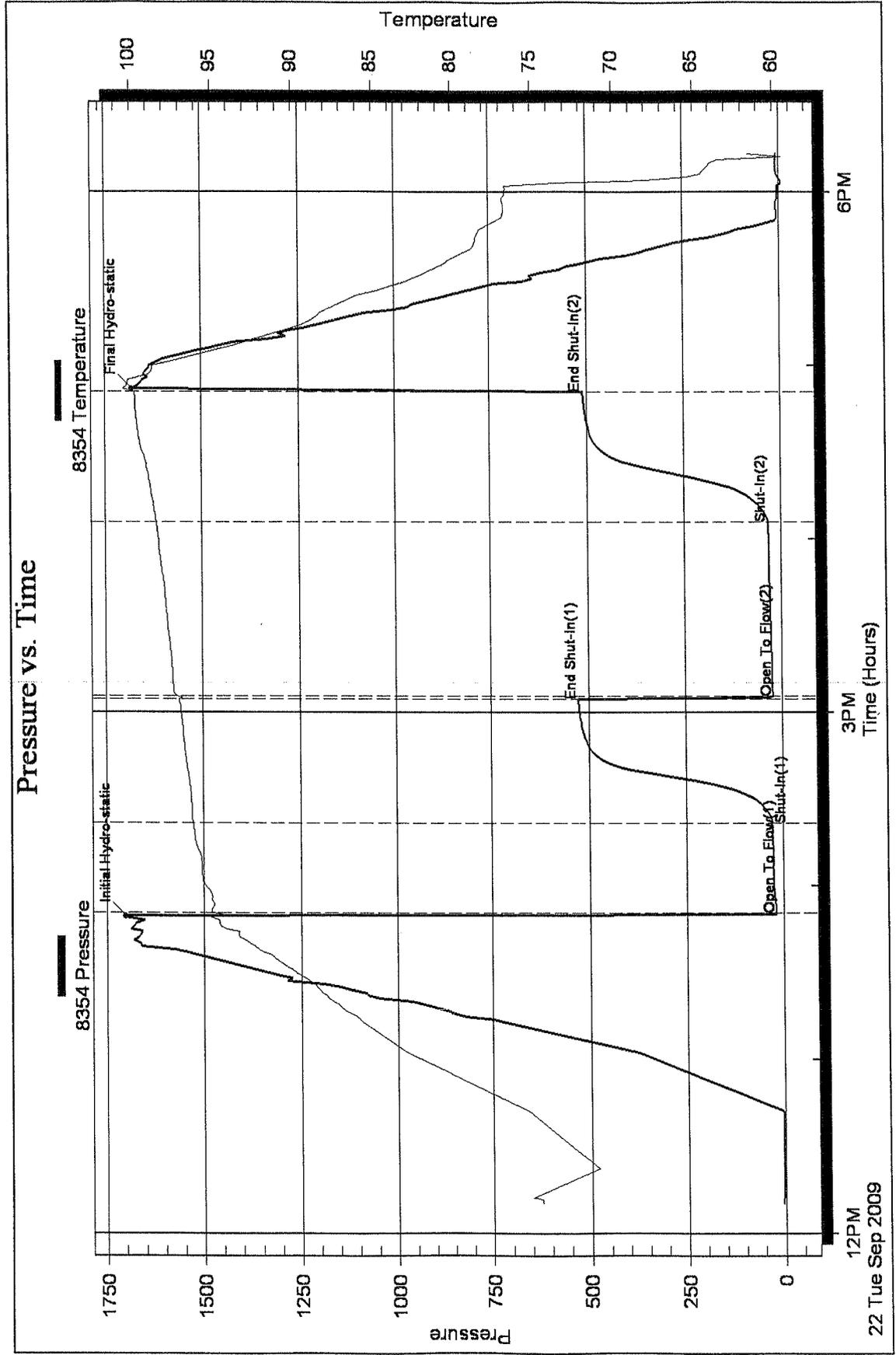
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N Main Ste 801
Wichita Ks 67202

ATTN: Mark Galyon

26-10-18 Rooks KS

Shephard Trust # 1-26

Start Date: 2009.09.23 @ 00:37:05

End Date: 2009.09.23 @ 07:34:35

Job Ticket #: 36555 DST #: 5

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Abercrombie Energy LLC

Shephard Trust # 1-26

150 N Main Ste 801
Wichita Ks 67202

26-10-18 Rooks KS

ATTN: Mark Galyon

Job Ticket: 36555

DST#: 5

Test Start: 2009.09.23 @ 00:37:05

GENERAL INFORMATION:

Formation: I KC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:46:05

Time Test Ended: 07:34:35

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: 3501.00 ft (KB) To 3522.00 ft (KB) (TVD)

Total Depth: 3522.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2127.00 ft (KB)

2119.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8354

Inside

Press@RunDepth: 49.25 psig @ 3502.00 ft (KB)

Start Date: 2009.09.23

End Date:

2009.09.23

Start Time: 00:37:06

End Time:

07:34:35

Capacity: 8000.00 psig

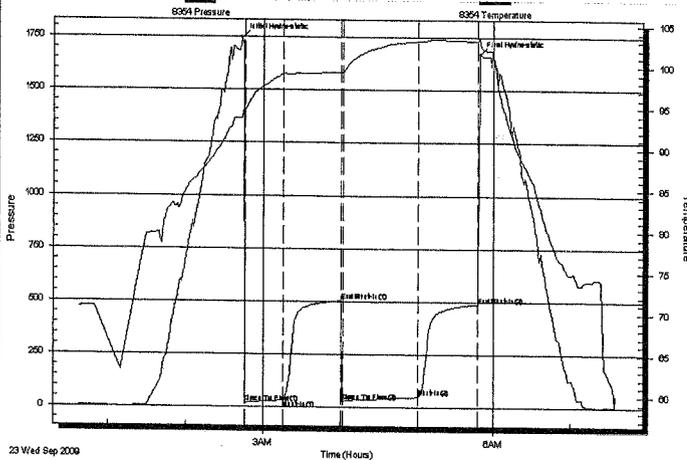
Last Calib.: 2009.09.23

Time On Btm: 2009.09.23 @ 02:43:35

Time Off Btm: 2009.09.23 @ 05:49:05

TEST COMMENT: IF-Weak building to 9" fair blow
ISI-Weak steady blow back
FF-Strong B-B in 40 min
FSI Weak steady surface blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1745.83	93.73	Initial Hydro-static
3	20.10	94.70	Open To Flow (1)
32	32.99	99.12	Shut-In(1)
77	503.16	99.35	End Shut-In(1)
79	29.39	99.34	Open To Flow (2)
137	49.25	103.11	Shut-In(2)
184	487.72	103.16	End Shut-In(2)
186	1668.92	103.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 40%o 60%o m	0.00
60.00	CO	0.00
0.00	525 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

Shephard Trust # 1-26

150 N Main Ste 801
Wichita Ks 67202

26-10-18 Rooks KS

Job Ticket: 36555

DST#: 5

ATTN: Mark Galyon

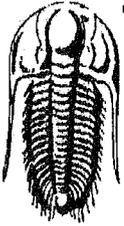
Test Start: 2009.09.23 @ 00:37:05

Tool Information

Drill Pipe:	Length: 3495.00 ft	Diameter: 3.80 inches	Volume: 49.03 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: 119.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 49.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	136.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3501.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	44.00 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			3479.00	
Shut In Tool	5.00			3484.00	
Hydraulic tool	5.00			3489.00	
Safety Joint	3.00			3492.00	
Packer	5.00			3497.00	23.00 Bottom Of Top Packer
Packer	4.00			3501.00	
Stubb	1.00			3502.00	
Recorder	0.00	8354	Inside	3502.00	
Recorder	0.00	8520	Outside	3502.00	
Perforations	17.00			3519.00	
Bullnose	3.00			3522.00	21.00 Bottom Packers & Anchor
Total Tool Length:	44.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

Shephard Trust # 1-26

150 N Main Ste 801
Wichita Ks 67202

26-10-18 Rooks KS

Job Ticket: 36555

DST#: 5

ATTN: Mark Galyon

Test Start: 2009.09.23 @ 00:37:05

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCM 40%o 60%m	0.000
60.00	CO	0.000
0.00	525 GIP	0.000

Total Length: 90.00 ft

Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

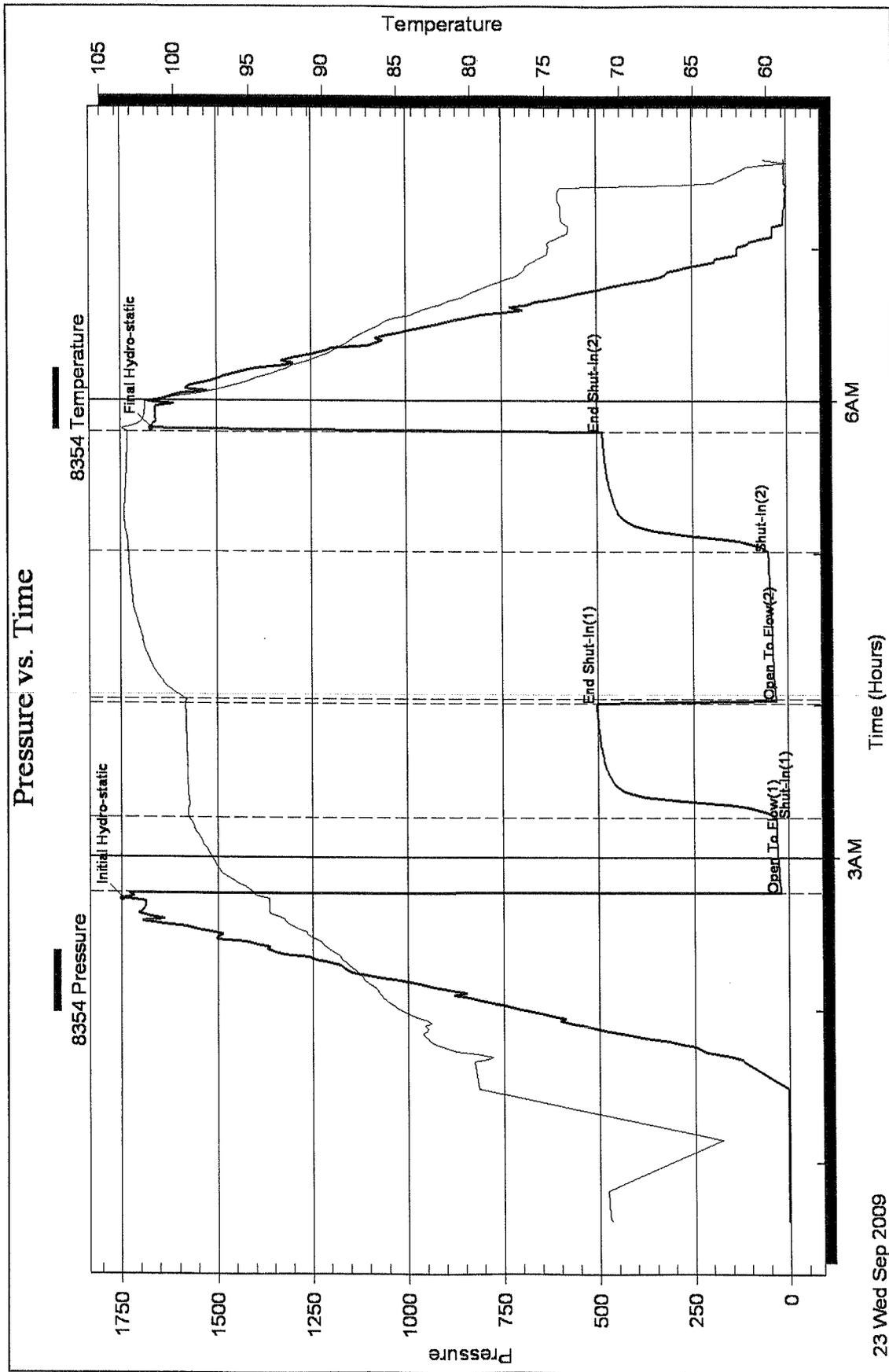
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



23 Wed Sep 2009

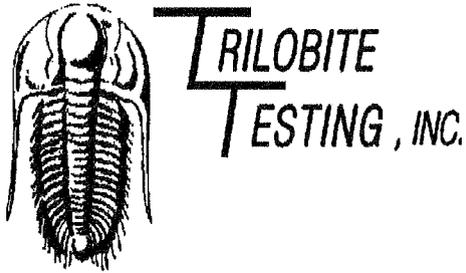
6AM

3AM

Time (Hours)

8354 Pressure

8354 Temperature



DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N Main Ste 801
Wichita Ks 67202

ATTN: Mark Galyon

26-10-18 Rooks KS

Shephard Trust # 1-26

Start Date: 2009.09.23 @ 16:20:34

End Date: 2009.09.23 @ 21:56:34

Job Ticket #: 36556 DST #: 6

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Abercrombie Energy LLC

150 N Main Ste 801
Wichita Ks 67202

ATTN: Mark Galyon

Shephard Trust # 1-26

26-10-18 Rooks KS

Job Ticket: 36556

DST#: 6

Test Start: 2009.09.23 @ 16:20:34

GENERAL INFORMATION:

Formation: **K**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 17:51:34
 Time Test Ended: 21:56:34

Test Type: **Conventional Bottom Hole**
 Tester: **Dan Bangle**
 Unit No: **38**

Interval: **3538.00 ft (KB) To 3560.00 ft (KB) (TVD)**
 Total Depth: **3560.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2127.00 ft (KB)**
2119.00 ft (CF)
 KB to GR/CF: **8.00 ft**

Serial #: 8354

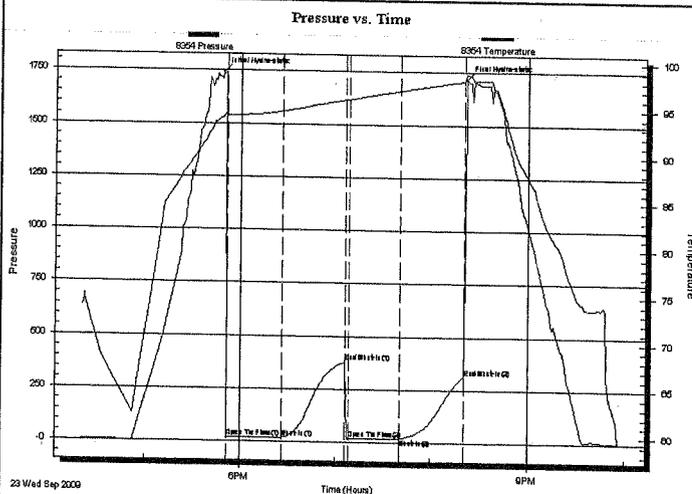
Inside

Press@RunDepth: **20.56 psig @ 3539.00 ft (KB)**
 Start Date: **2009.09.23** End Date: **2009.09.23**
 Start Time: **16:20:35** End Time: **21:56:34**

Capacity: **8000.00 psig**
 Last Calib.: **2009.09.23**
 Time On Btm: **2009.09.23 @ 17:49:34**
 Time Off Btm: **2009.09.23 @ 20:22:04**

TEST COMMENT: IF-Weak died in 18 min

FF-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1742.81	94.03	Initial Hydro-static
2	17.61	94.27	Open To Flow (1)
37	20.92	94.74	Shut-In(1)
77	380.67	96.00	End Shut-In(1)
79	17.90	96.03	Open To Flow (2)
111	20.56	96.99	Shut-In(2)
152	315.45	98.07	End Shut-In(2)
153	1718.99	98.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	CO	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

Shephard Trust # 1-26

150 N Main Ste 801
Wichita Ks 67202

26-10-18 Rooks KS

Job Ticket: 36556

DST#: 6

ATTN: Mark Galyon

Test Start: 2009.09.23 @ 16:20:34

Tool Information

Drill Pipe:	Length: 3526.00 ft	Diameter: 3.80 inches	Volume: 49.46 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 49.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3538.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 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
Change Over Sub	1.00			3516.00	
Shut In Tool	5.00			3521.00	
Hydraulic tool	5.00			3526.00	
Safety Joint	3.00			3529.00	
Packer	5.00			3534.00	23.00 Bottom Of Top Packer
Packer	4.00			3538.00	
Stubb	1.00			3539.00	
Recorder	0.00	8354	Inside	3539.00	
Recorder	0.00	8520	Outside	3539.00	
Perforations	18.00			3557.00	
Bullnose	3.00			3560.00	22.00 Bottom Packers & Anchor

Total Tool Length: 45.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

Shephard Trust # 1-26

150 N Main Ste 801
Wichita Ks 67202

26-10-18 Rooks KS

Job Ticket: 36556

DST#: 6

ATTN: Mark Galyon

Test Start: 2009.09.23 @ 16:20:34

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 58.00 sec/qt

Water Loss: 8.38 in³

Resistivity: ohm.m

Salinity: 5400.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	CO	0.014

Total Length: 1.00 ft Total Volume: 0.014 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

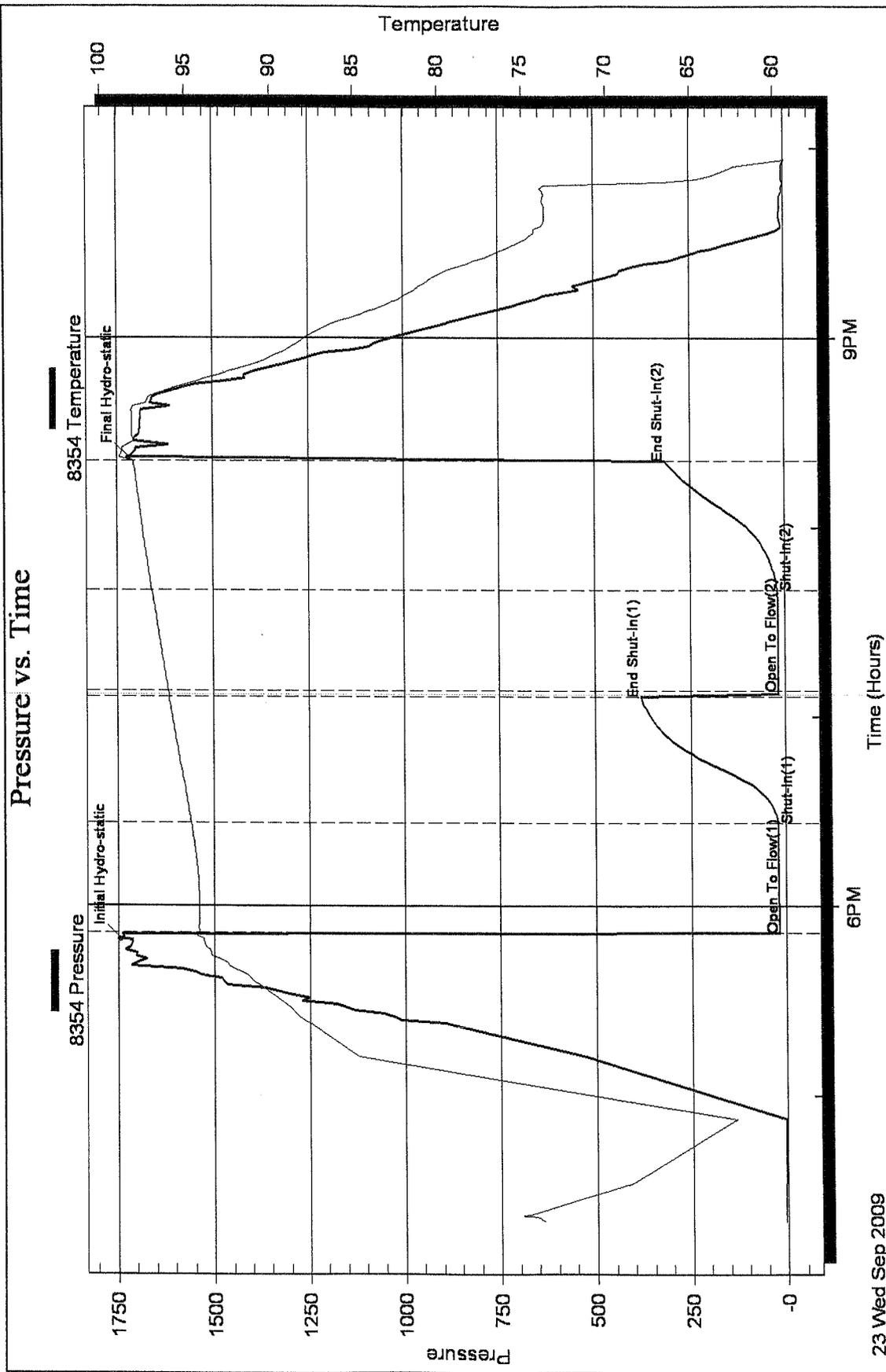
Serial #:

Laboratory Name:

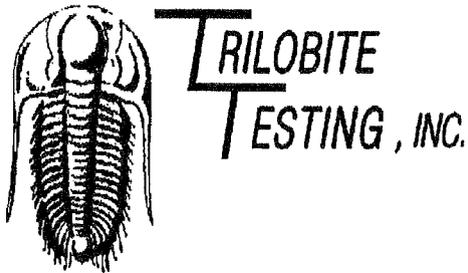
Laboratory Location:

Recovery Comments:

Pressure vs. Time



23 Wed Sep 2009



DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N Main Ste 801
Wichita Ks 67202

ATTN: Mark Galyon

26-10-18 Rooks KS

Shephard Trust # 1-26

Start Date: 2009.09.24 @ 09:51:08

End Date: 2009.09.24 @ 14:58:38

Job Ticket #: 36557 DST #: 7

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Abercrombie Energy LLC

Shephard Trust # 1-26

26-10-18 Rooks KS

DST # 7

Cong Chert

2009.09.24



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Abercrombie Energy LLC

150 N Main Ste 801
Wichita Ks 67202

ATTN: Mark Galyon

Shephard Trust # 1-26

26-10-18 Rooks KS

Job Ticket: 36557

DST#: 7

Test Start: 2009.09.24 @ 09:51:08

GENERAL INFORMATION:

Formation: **Cong Chert**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:30:38

Time Test Ended: 14:58:38

Interval: **3612.00 ft (KB) To 3636.00 ft (KB) (TVD)**

Total Depth: 3636.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Reference Elevations: 2127.00 ft (KB)

2119.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8354 Inside

Press@RunDepth: 19.95 psig @ 3613.00 ft (KB)

Start Date: 2009.09.24

End Date: 2009.09.24

Start Time: 09:51:09

End Time: 14:58:38

Capacity: 8000.00 psig

Last Calib.: 2009.09.24

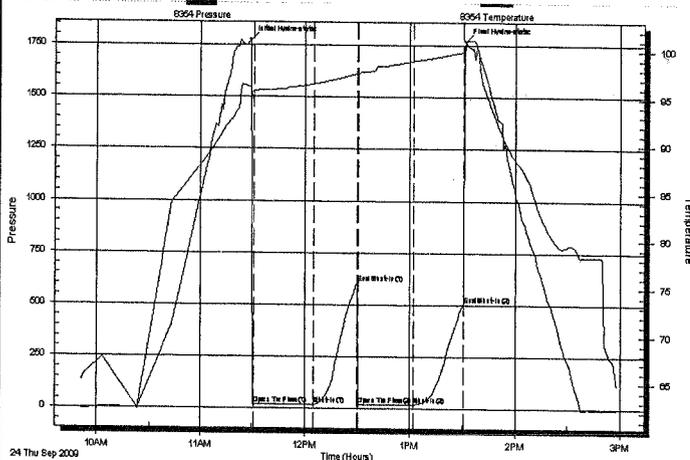
Time On Btm: 2009.09.24 @ 11:29:08

Time Off Btm: 2009.09.24 @ 13:31:38

TEST COMMENT: IF No blow

FF-No blow Flushed tool-Good surge

Pressure vs. Time



PRESSURE SUMMARY

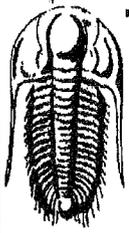
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1773.35	96.04	Initial Hydro-static
2	18.19	95.66	Open To Flow (1)
36	20.75	96.49	Shut-In(1)
61	606.95	97.57	End Shut-In(1)
62	20.81	97.47	Open To Flow (2)
93	19.95	98.91	Shut-In(2)
122	507.13	99.88	End Shut-In(2)
123	1769.17	100.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	DM w/show of oil in tool	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

Shephard Trust # 1-26

150 N Main Ste 801
Wichita Ks 67202

26-10-18 Rooks KS

Job Ticket: 36557

DST#: 7

ATTN: Mark Galyon

Test Start: 2009.09.24 @ 09:51:08

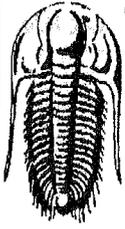
Tool Information

Drill Pipe:	Length: 3619.00 ft	Diameter: 3.80 inches	Volume: 50.77 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: 25000.00 lb
Drill Collar:	Length: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume:	51.36 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	149.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3612.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	47.00 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			3590.00	
Shut In Tool	5.00			3595.00	
Hydraulic tool	5.00			3600.00	
Safety Joint	3.00			3603.00	
Packer	5.00			3608.00	23.00 Bottom Of Top Packer
Packer	4.00			3612.00	
Stubb	1.00			3613.00	
Recorder	0.00	8354	Inside	3613.00	
Recorder	0.00	8520	Outside	3613.00	
Perforations	20.00			3633.00	
Bullnose	3.00			3636.00	24.00 Bottom Packers & Anchor

Total Tool Length: 47.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

Shephard Trust # 1-26

150 N Main Ste 801
Wichita Ks 67202

26-10-18 Rooks KS

Job Ticket: 36557

DST#: 7

ATTN: Mark Galyon

Test Start: 2009.09.24 @ 09:51:08

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 8.78 in³

Resistivity: ohm.m

Salinity: 5400.00 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
5.00	DM w/show of oil in tool	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:

Pressure vs. Time

