

DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N. Main, Suite 801
Wichita KS 67202

ATTN: Jon Christensen

12/28/33

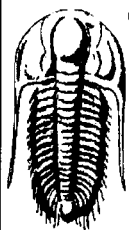
#3-12 Cox

Start Date: 2005.11.09 @ 20:45:43

End Date: 2005.11.10 @ 09:43:13

Job Ticket #: 20624 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

Abercrombie Energy LLC

150 N. Main, Suite 801
Wichita KS 67202

ATTN: Jon Christensen

#3-12 Cox

12/28/33

Job Ticket: 20624

DST#: 1

Test Start: 2005.11.09 @ 20:45:43

GENERAL INFORMATION:

Formation: **Marmaton "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:09:43

Time Test Ended: 09:43:13

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **4766.00 ft (KB) To 4792.00 ft (KB) (TVD)**

Total Depth: 4792.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2967.00 ft (KB)

2959.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6769

Inside

Press@RunDepth: 592.18 psig @ 4768.00 ft (KB)

Start Date: 2005.11.09

End Date: 2005.11.10

Start Time: 20:45:45

End Time: 09:43:13

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2005.11.10 @ 01:08:13

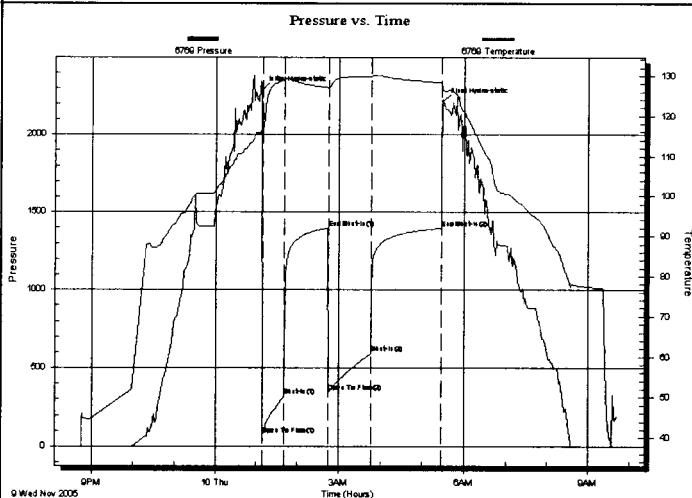
Time Off Btm: 2005.11.10 @ 05:29:13

TEST COMMENT: IF- Strong blow, BOB 1 min. No GTS.

IS- No blow back.

FF- Good building blow, BOB 8 min. Blow increased after 20 min, No GTS.

FS- No blow back.



PRESSURE SUMMARY

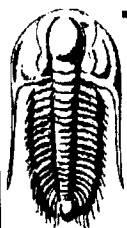
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2284.18	116.64	Initial Hydro-static
2	71.90	116.65	Open To Flow (1)
33	319.46	128.90	Shut-In (1)
97	1398.61	126.98	End Shut-In (1)
97	344.87	126.55	Open To Flow (2)
159	592.18	129.80	Shut-In (2)
259	1397.10	128.28	End Shut-In (2)
261	2213.30	126.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	2700 GIP	0.00
1400.00	5% gas, 5% mud, 90% water. .453 @ 41 = 16.81	

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

#3-12 Cox

150 N. Main, Suite 801
Wichita KS 67202

12/28/33

Job Ticket: 20624

DST#: 1

ATTN: Jon Christensen

Test Start: 2005.11.09 @ 20:45:43

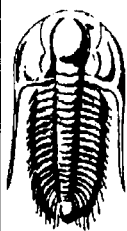
Tool Information

Drill Pipe:	Length: 4442.00 ft	Diameter: 3.80 inches	Volume: 62.31 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: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	63.83 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	4766.00 ft			Final	64000.00 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			4745.00	
Shut In Tool	5.00			4750.00	
Hydraulic tool	5.00			4755.00	
Safety Joint	2.00			4757.00	
Packer	5.00			4762.00	22.00 Bottom Of Top Packer
Packer	4.00			4766.00	
Stubb	1.00			4767.00	
Perforations	1.00			4768.00	
Recorder	0.00	6769	Inside	4768.00	
Perforations	20.00			4788.00	
Recorder	0.00	6724	Outside	4788.00	
Bullnose	4.00			4792.00	26.00 Bottom Packers & Anchor

Total Tool Length: 48.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

#3-12 Cox

150 N. Main, Suite 801
Wichita KS 67202

12/28/33

Job Ticket: 20624

DST#: 1

ATTN: Jon Christensen

Test Start: 2005.11.09 @ 20:45:43

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 8.14 in³

Resistivity: ohm.m

Salinity: 2100.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

deg API

Water Salinity: 28000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	2700 GIP	0.000
1400.00	5% gas, 5% mud, 90% water. .453@41=2800	16.814

Total Length: 1400.00 ft

Total Volume: 16.814 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

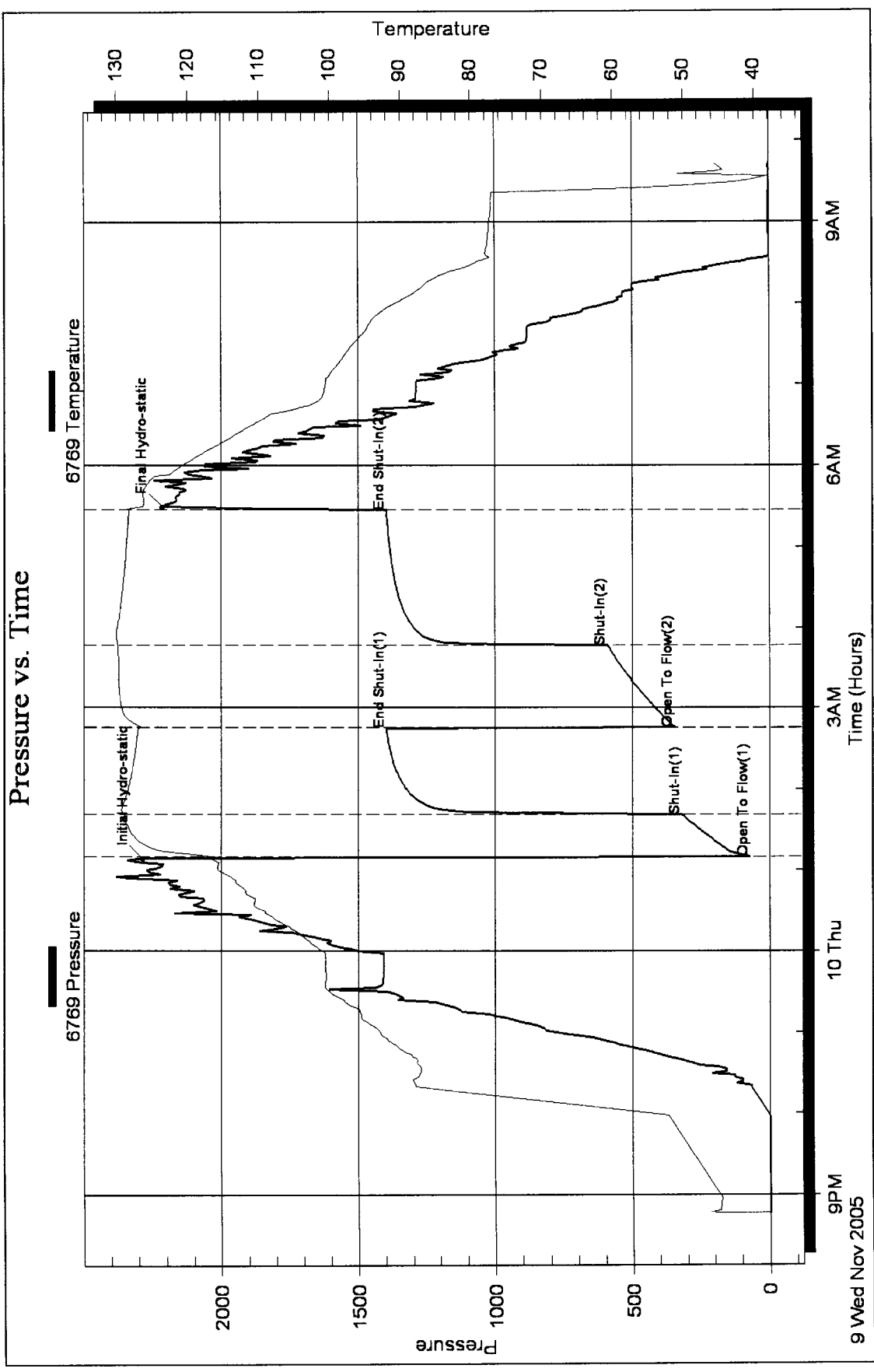
Serial #:

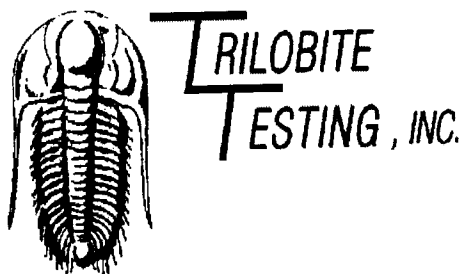
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N. Main, Suite 801
Wichita KS 67202

ATTN: Jon Christensen

12/28/33

#3-12 Cox

Start Date: 2005.11.10 @ 22:32:38

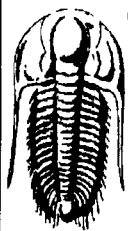
End Date: 2005.11.11 @ 09:56:38

Job Ticket #: 20625 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

Abercrombie Energy LLC

#3-12 Cox

150 N. Main, Suite 801
Wichita KS 67202

12/28/33

Job Ticket: 20625

DST#: 2

ATTN: Jon Christensen

Test Start: 2005.11.10 @ 22:32:38

GENERAL INFORMATION:

Formation: **Pawnee**

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

Time Tool Opened: 02:40:23

Time Test Ended: 09:56:38

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **4835.00 ft (KB) To 4874.00 ft (KB) (TVD)**

Total Depth: **4874.00 ft (KB) (TVD)**

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

Reference Elevations: **2967.00 ft (KB)**

2959.00 ft (CF)

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

Serial #: **6769** Inside

Press@RunDepth: **92.91 psig @ 4837.00 ft (KB)**

Start Date: **2005.11.10**

End Date: **2005.11.11**

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Start Time: **22:32:40**

End Time: **09:56:38**

Time On Btm: **2005.11.11 @ 02:37:38**

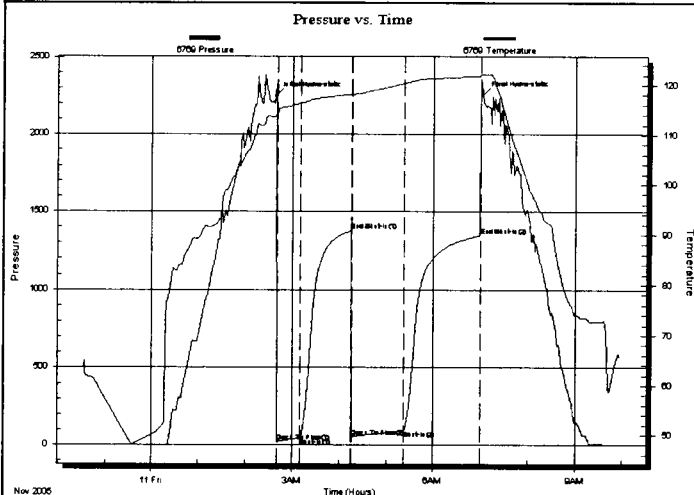
Time Off Btm: **2005.11.11 @ 07:02:38**

TEST COMMENT: IF- Good building blow, BOB 10min. "NO GTS".

ISI- No blow back.

FF- Weak blow, BOB, 20min. "No GTS".

FSI- No blow back.



PRESSURE SUMMARY

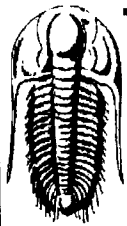
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2249.28	113.84	Initial Hydro-static
3	20.73	114.11	Open To Flow (1)
32	45.27	116.40	Shut-In(1)
97	1376.29	118.18	End Shut-In(1)
98	52.37	118.04	Open To Flow (2)
165	92.91	120.38	Shut-In(2)
262	1347.02	121.85	End Shut-In(2)
265	2256.78	122.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	994 GIP	0.00
62.00	OCM, Tr. oil, 99% mud	0.30
62.00	OCM, 2% oil, 98% mud.	0.30
62.00	WOGCM, 10%W, 10%Oil, 15%G, 65%M	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

#3-12 Cox

150 N. Main, Suite 801
Wichita KS 67202

12/28/33

Job Ticket: 20625

DST#: 2

ATTN: Jon Christensen

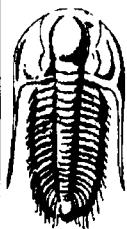
Test Start: 2005.11.10 @ 22:32:38

Tool Information

Drill Pipe:	Length: 4536.00 ft	Diameter: 3.80 inches	Volume: 63.63 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: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	65.15 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4835.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	39.00 ft				
Tool Length:	61.00 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			4814.00	
Shut In Tool	5.00			4819.00	
Hydraulic tool	5.00			4824.00	
Safety Joint	2.00			4826.00	
Packer	5.00			4831.00	22.00 Bottom Of Top Packer
Packer	4.00			4835.00	
Stubb	1.00			4836.00	
Perforations	1.00			4837.00	
Recorder	0.00	6769	Inside	4837.00	
Perforations	33.00			4870.00	
Recorder	0.00	6724	Outside	4870.00	
Bullnose	4.00			4874.00	39.00 Bottom Packers & Anchor
Total Tool Length:		61.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

#3-12 Cox

150 N. Main, Suite 801
Wichita KS 67202

12/28/33

Job Ticket: 20625

DST#: 2

ATTN: Jon Christensen

Test Start: 2005.11.10 @ 22:32:38

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 7.17 in³

Resistivity: ohm.m

Salinity: 2000.00 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
0.00	994 GIP	0.000
62.00	OCM, Tr. oil, 99% mud	0.305
62.00	OCM, 2% oil, 98% mud.	0.305
62.00	WOGCM, 10%W, 10%Oil, 15%G, 65%M	0.305

Total Length: 186.00 ft

Total Volume: 0.915 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

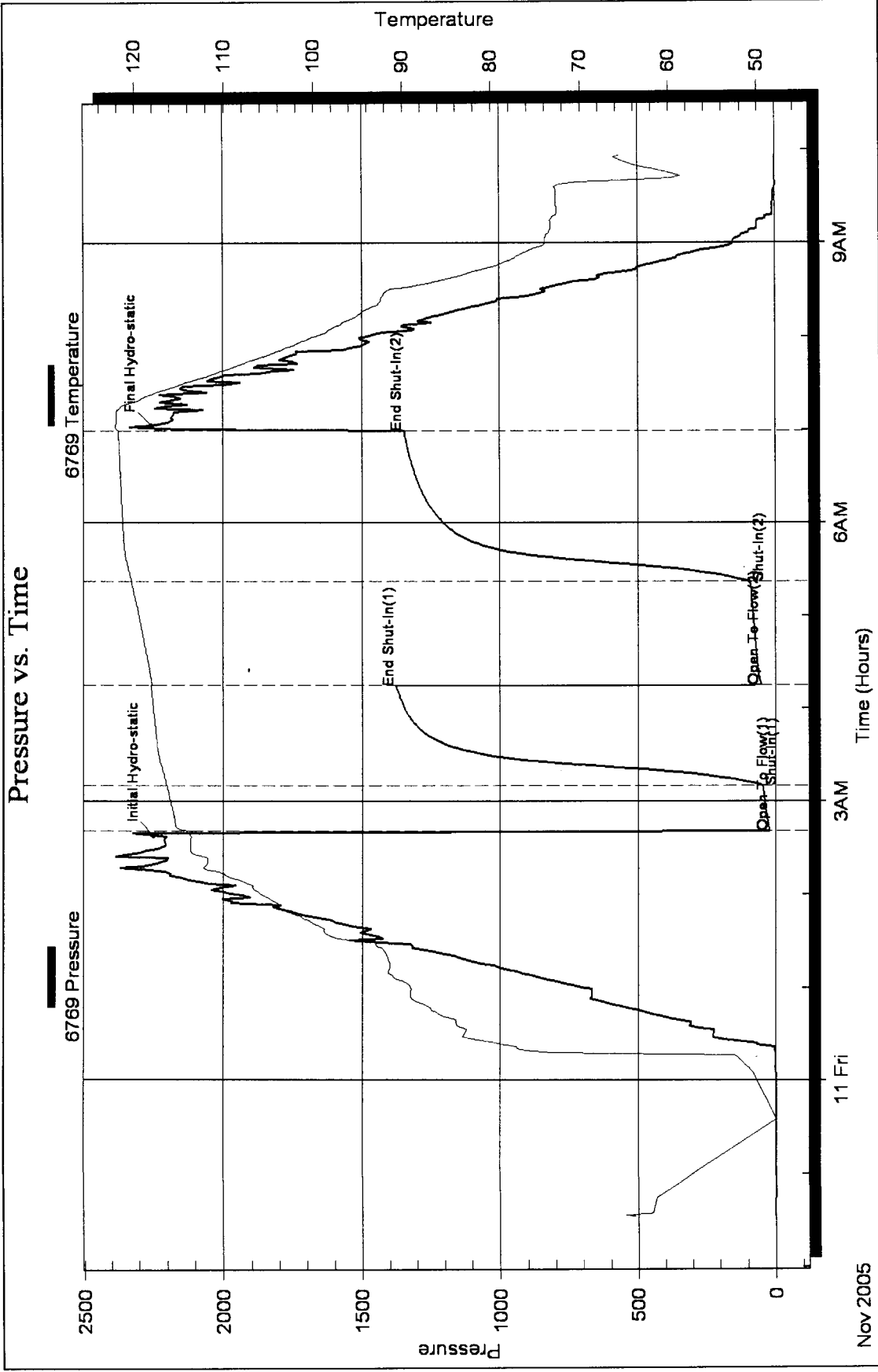
Serial #:

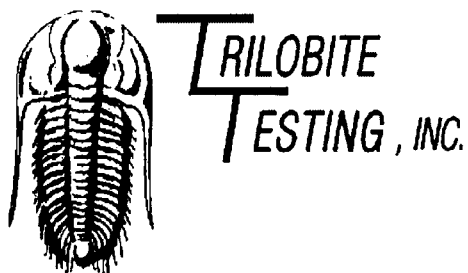
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N. Main, Suite 801
Wichita KS 67202

ATTN: Jon Christensen

12/28/33

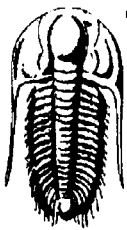
#3-12 Cox

Start Date: 2005.11.12 @ 09:15:19

End Date: 2005.11.12 @ 19:26:34

Job Ticket #: 22376 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

Abercrombie Energy LLC

150 N. Main, Suite 801
Wichita KS 67202

ATTN: Jon Christensen

#3-12 Cox

12/28/33

Job Ticket: 22376

DST#: 3

Test Start: 2005.11.12 @ 09:15:19

GENERAL INFORMATION:

Formation: **Atoka**

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

Time Tool Opened: 11:54:04

Time Test Ended: 19:26:34

Test Type: **Conventional Bottom Hole**

Tester: **Harley Davidson**

Unit No: **33**

Interval: **5003.00 ft (KB) To 5054.00 ft (KB) (TVD)**

Total Depth: **5054.00 ft (KB) (TVD)**

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

Reference Elevations: **2967.00 ft (KB)**

2959.00 ft (CF)

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

Serial #: **6769**

Inside

Press@RunDepth: **36.58 psig @ 5042.00 ft (KB)**

Start Date: **2005.11.12**

End Date:

2005.11.12

Start Time: **09:15:21**

End Time:

19:26:34

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Time On Btm: **2005.11.12 @ 11:52:49**

Time Off Btm: **2005.11.12 @ 16:10:19**

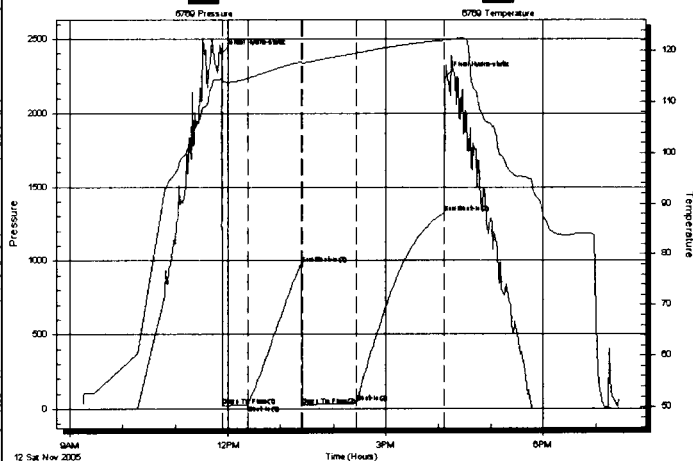
TEST COMMENT: **IF- Weak building blow, took 29 min BOB.**

IS- No blow back.

FF- Good blow, BOB ASAO, "NO GTS".

FS- No blow back.

Pressure vs. Time



PRESSURE SUMMARY

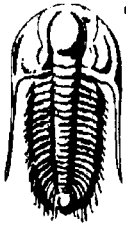
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2403.05	114.58	Initial Hydro-static
2	18.41	114.01	Open To Flow (1)
30	27.03	114.60	Shut-In(1)
91	977.87	117.80	End Shut-In(1)
92	23.05	117.58	Open To Flow (2)
154	36.58	119.47	Shut-In(2)
254	1324.10	122.01	End Shut-In(2)
258	2249.96	122.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1860 GIP	0.00
60.00	GMO 40% G, 30% oil, 30% mud.	0.30
10.00	100% mud with trace of oil and water.	0.05
2.00	Clean oil on bottom.	0.01

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

#3-12 Cox

150 N. Main, Suite 801
Wichita KS 67202

12/28/33

Job Ticket: 22376

DST#: 3

ATTN: Jon Christensen

Test Start: 2005.11.12 @ 09:15:19

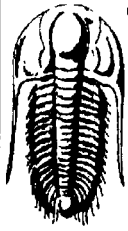
Tool Information

Drill Pipe:	Length: 4691.00 ft	Diameter: 3.80 inches	Volume: 65.80 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: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume: 67.32 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	5003.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.00 ft			
Tool Length:	73.00 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			4982.00	
Shut In Tool	5.00			4987.00	
Hydraulic tool	5.00			4992.00	
Safety Joint	2.00			4994.00	
Packer	5.00			4999.00	22.00 Bottom Of Top Packer
Packer	4.00			5003.00	
Stubb	1.00			5004.00	
Perforations	5.00			5009.00	
Change Over Sub	1.00			5010.00	
Drill Pipe	31.00			5041.00	
Change Over Sub	1.00			5042.00	
Recorder	0.00	6769	Inside	5042.00	
Perforations	8.00			5050.00	
Recorder	0.00	6724	Outside	5050.00	
Bullnose	4.00			5054.00	51.00 Bottom Packers & Anchor

Total Tool Length: 73.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

#3-12 Cox

150 N. Main, Suite 801
Wichita KS 67202

12/28/33

Job Ticket: 22376

DST#: 3

ATTN: Jon Christensen

Test Start: 2005.11.12 @ 09:15:19

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: 61.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1860 GIP	0.000
60.00	GMO 40% G, 30% oil, 30% mud.	0.295
10.00	100% mud with trace of oil and water.	0.049
2.00	Clean oil on bottom.	0.010

Total Length: 72.00 ft

Total Volume: 0.354 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6769

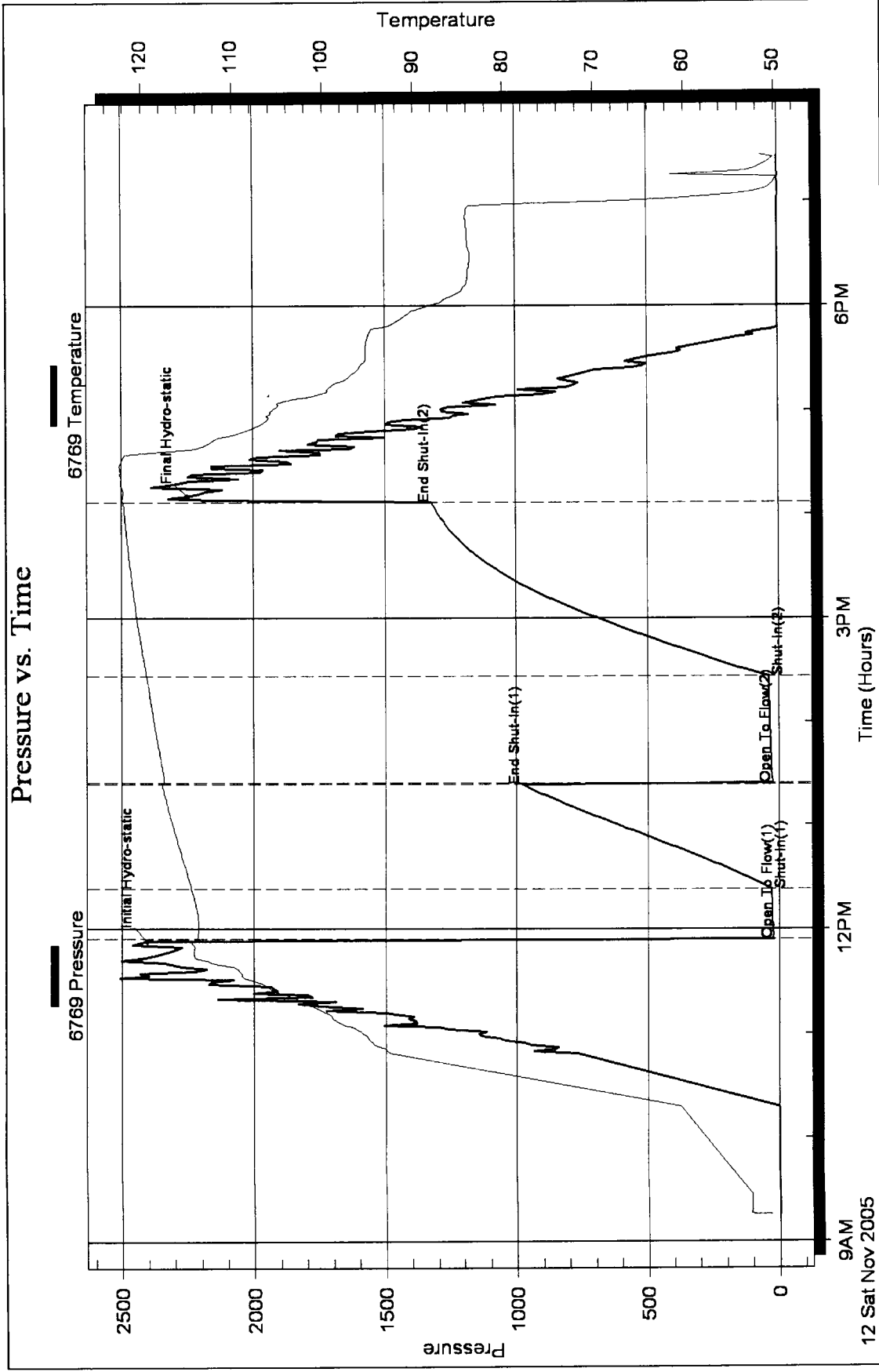
Inside

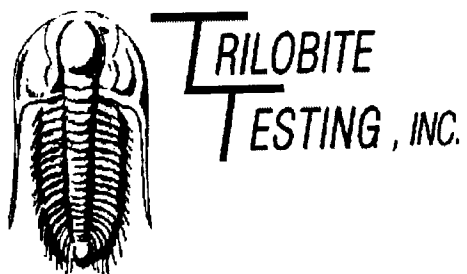
Abercrombie Energy LLC

12/28/33

DST Test Number: 3

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N. Main, Suite 801
Wichita KS 67202

ATTN: Jon Christensen

12/28/33

#3-12 Cox

Start Date: 2005.11.13 @ 11:30:17

End Date: 2005.11.13 @ 21:06:47

Job Ticket #: 22377 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Abercrombie Energy LLC

#3-12 Cox

150 N. Main, Suite 801
Wichita KS 67202

12/28/33

Job Ticket: 22377

DST#: 4

ATTN: Jon Christensen

Test Start: 2005.11.13 @ 11:30:17

GENERAL INFORMATION:

Formation: **Morrow Sand**

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

Time Tool Opened: 14:36:32

Time Test Ended: 21:06:47

Test Type: **Conventional Bottom Hole**

Tester: **Harley Davidson**

Unit No: **33**

Interval: **5144.00 ft (KB) To 5243.00 ft (KB) (TVD)**

Total Depth: **5243.00 ft (KB) (TVD)**

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

Reference Elevations: **2967.00 ft (KB)**

2959.00 ft (CF)

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

Serial #: 6769

Inside

Press@RunDepth: **40.65 psig @ 5219.00 ft (KB)**

Start Date: **2005.11.13**

End Date: **2005.11.13**

Start Time: **11:30:19**

End Time: **21:06:47**

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Time On Btm: **2005.11.13 @ 14:31:32**

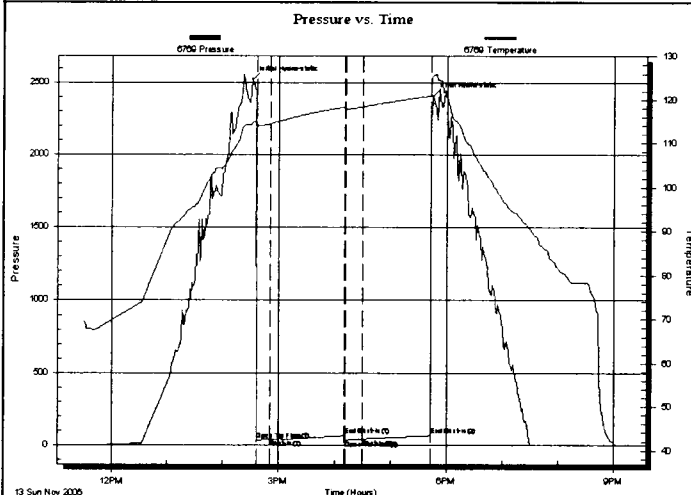
Time Off Btm: **2005.11.13 @ 17:45:17**

TEST COMMENT: **IF- Weak blow , built 1" into bucket and died back to 1/2".**

IS- No blow back.

FF- No blow .

FS- No blow back.



PRESSURE SUMMARY

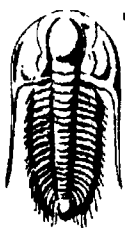
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2520.22	114.80	Initial Hydro-static
5	30.93	114.26	Open To Flow (1)
19	39.95	114.47	Shut-In(1)
99	64.46	118.31	End Shut-In(1)
100	34.74	117.90	Open To Flow (2)
119	40.65	118.33	Shut-In(2)
191	64.55	120.88	End Shut-In(2)
194	2401.19	125.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	100% mud.	0.15

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

#3-12 Cox

150 N. Main, Suite 801
Wichita KS 67202

12/28/33

Job Ticket: 22377

DST#: 4

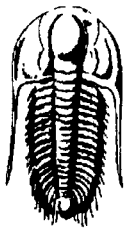
ATTN: Jon Christensen

Test Start: 2005.11.13 @ 11:30:17

Tool Information

Drill Pipe:	Length: 4817.00 ft	Diameter: 3.80 inches	Volume: 67.57 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: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume: 69.09 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	5144.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	99.00 ft			
Tool Length:	126.00 ft			
Number of Packers:	2	Diameter: 675.00 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5118.00	
Shut In Tool	5.00			5123.00	
Hydraulic tool	5.00			5128.00	
Jars	5.00			5133.00	
Safety Joint	2.00			5135.00	
Packer	5.00			5140.00	27.00 Bottom Of Top Packer
Packer	4.00			5144.00	
Stubb	1.00			5145.00	
Perforations	10.00			5155.00	
Change Over Sub	1.00			5156.00	
Drill Pipe	62.00			5218.00	
Change Over Sub	1.00			5219.00	
Recorder	0.00	6769	Inside	5219.00	
Perforations	20.00			5239.00	
Recorder	0.00	6724	Outside	5239.00	
Bullnose	4.00			5243.00	99.00 Bottom Packers & Anchor
Total Tool Length:	126.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

#3-12 Cox

150 N. Main, Suite 801
Wichita KS 67202

12/28/33

Job Ticket: 22377

DST#: 4

ATTN: Jon Christensen

Test Start: 2005.11.13 @ 11:30:17

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: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	100% mud.	0.148

Total Length: 30.00 ft

Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

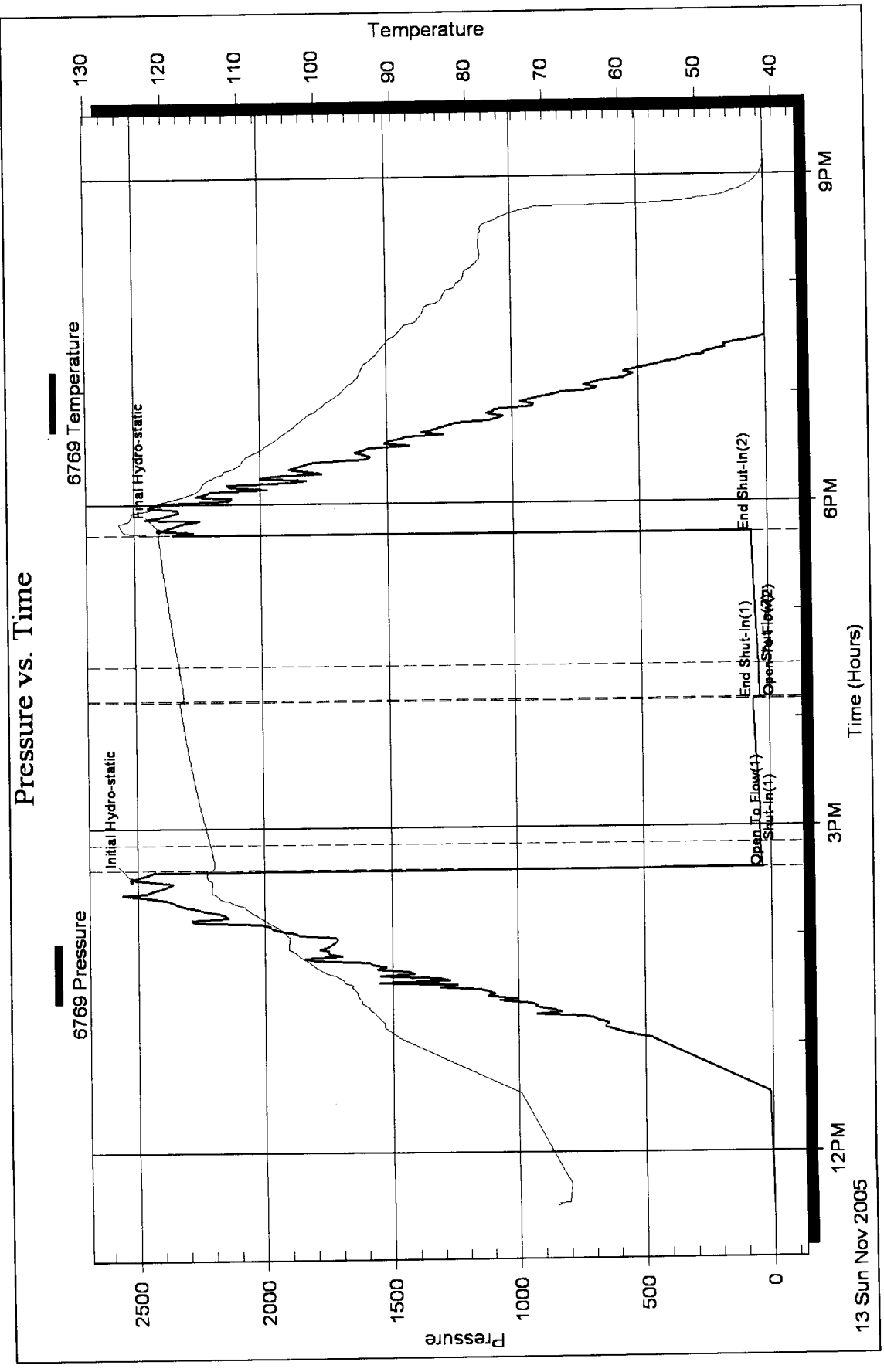
DST Test Number: 4

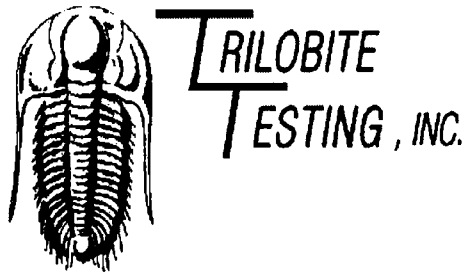
12/28/33

Abercrombie Energy LLC

Inside

Serial #: 6769





DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N. Main, Suite 801
Wichita KS 67202

ATTN: Jon Christensen

12/28/33

#3-12 Cox

Start Date: 2005.11.14 @ 17:30:43

End Date: 2005.11.15 @ 05:14:28

Job Ticket #: 22378 DST #: 5

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Abercrombie Energy LLC

150 N. Main, Suite 801
Wichita KS 67202

ATTN: Jon Christensen

#3-12 Cox

12/28/33

Job Ticket: 22378

DST#: 5

Test Start: 2005.11.14 @ 17:30:43

GENERAL INFORMATION:

Formation: **Chester Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:50:58

Time Test Ended: 05:14:28

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **5325.00 ft (KB) To 5352.00 ft (KB) (TVD)**

Total Depth: 5352.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2967.00 ft (KB)

2959.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6769

Inside

Press@RunDepth: 456.78 psig @ 5327.00 ft (KB)

Start Date: 2005.11.14

End Date: 2005.11.15

Start Time: 17:30:45

End Time: 05:14:28

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2005.11.14 @ 20:45:43

Time Off Btm: 2005.11.15 @ 01:14:13

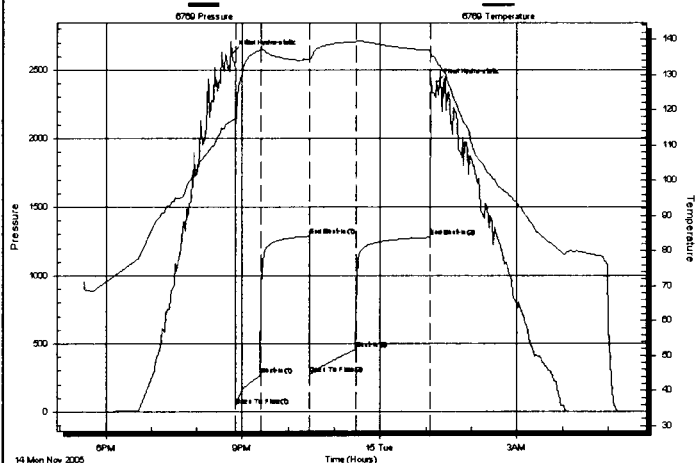
TEST COMMENT: IF- Good building blow, BOB 13 min. No GTS.

IS- No blow back.

FF- Weak building blow, BOB 25min.

FS- No blow back.

Pressure vs. Time



PRESSURE SUMMARY

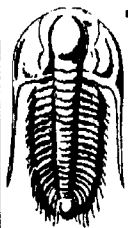
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2620.03	116.83	Initial Hydro-static
6	44.81	116.70	Open To Flow (1)
38	265.17	136.98	Shut-In(1)
102	1286.30	134.20	End Shut-In(1)
102	273.69	134.06	Open To Flow (2)
163	456.78	139.33	Shut-In(2)
260	1278.78	136.83	End Shut-In(2)
269	2409.45	133.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	200" GIP	0.00
650.00	SGMCW, 1% gas, 4% mud, 95% water	6.29

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

#3-12 Cox

150 N. Main, Suite 801
Wichita KS 67202

12/28/33

Job Ticket: 22378

DST#: 5

ATTN: Jon Christensen

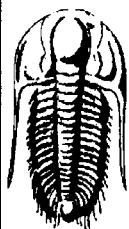
Test Start: 2005.11.14 @ 17:30:43

Tool Information

Drill Pipe:	Length:	5003.00 ft	Diameter:	3.80 inches	Volume:	70.18 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:	310.00 ft	Diameter:	2.25 inches	Volume:	1.52 bbl	Weight to Pull Loose:	82000.00 lb
					Total Volume:	71.70 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft						String Weight: Initial	72000.00 lb
Depth to Top Packer:	5325.00 ft						Final	74000.00 lb
Depth to Bottom Packer:	ft							
Interval between Packers:	27.00 ft							
Tool Length:	54.00 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			5299.00	
Shut In Tool	5.00			5304.00	
Hydraulic tool	5.00			5309.00	
Jars	5.00			5314.00	
Safety Joint	2.00			5316.00	
Packer	5.00			5321.00	27.00 Bottom Of Top Packer
Packer	4.00			5325.00	
Stubb	1.00			5326.00	
Perforations	1.00			5327.00	
Recorder	0.00	6769	Inside	5327.00	
Perforations	21.00			5348.00	
Recorder	0.00	6724	Outside	5348.00	
Bullnose	4.00			5352.00	27.00 Bottom Packers & Anchor

Total Tool Length: 54.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

#3-12 Cox

150 N. Main, Suite 801
Wichita KS 67202

12/28/33

Job Ticket: 22378

DST#: 5

ATTN: Jon Christensen

Test Start: 2005.11.14 @ 17:30:43

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 7.19 in³

Resistivity: ohm.m

Salinity: 2000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity: 70000 ppm

ft

bbl

psig

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	200" GIP	0.000
650.00	SGMCW, 1% gas, 4% mud, 95% water.	6.294

Total Length: 650.00 ft

Total Volume: 6.294 bbl

Num Fluid Samples: 0

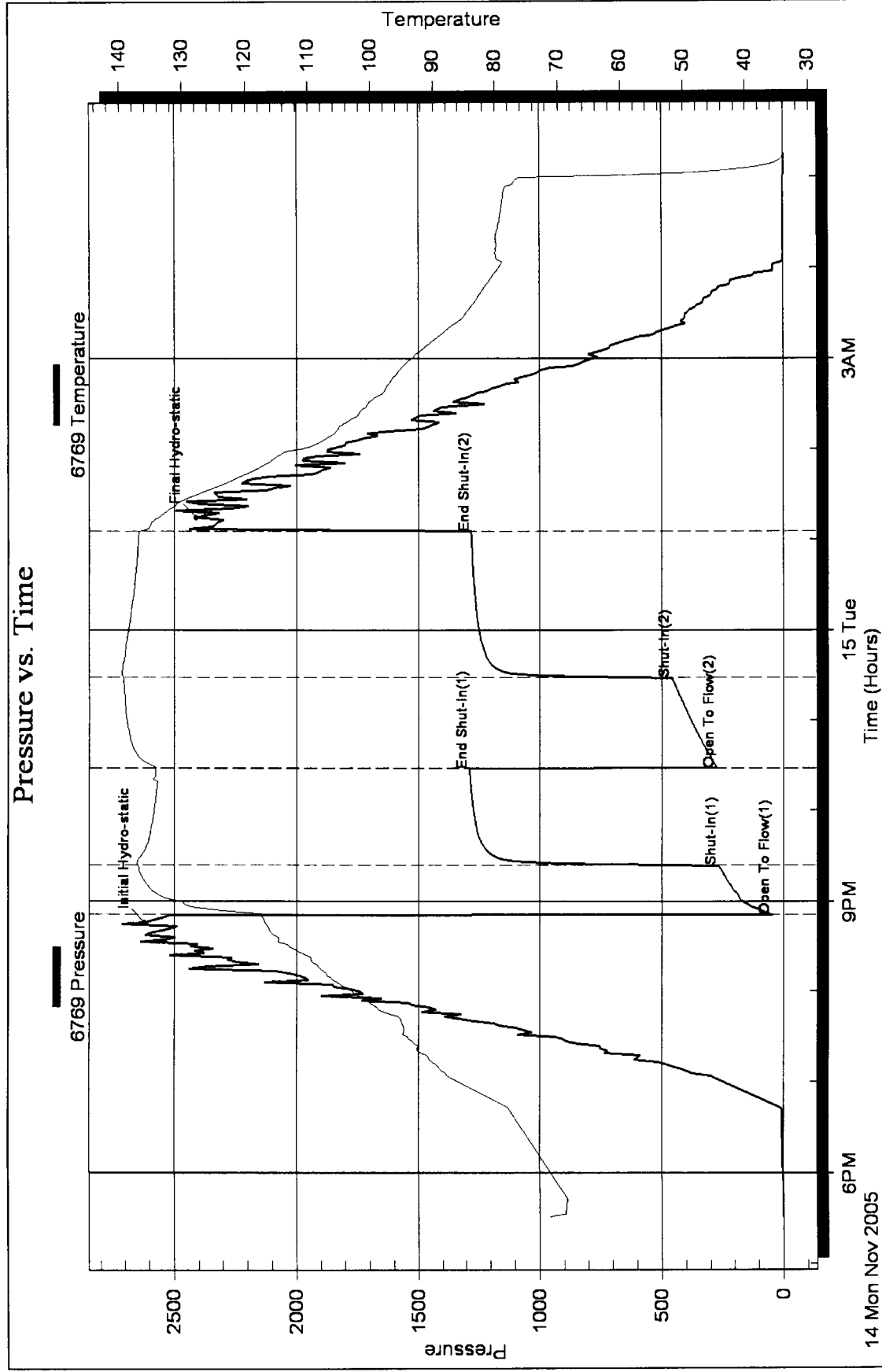
Num Gas Bombs: 0

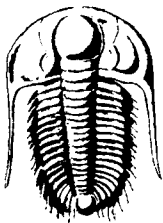
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20624

05/03

Test Ticket

Well Name & No. #3-12 Cox Test No. 1 Date 11-10-05
Company Abercrombie Energy LLC Zone Tested Mar "B"
Address 150 N Main Suite 801 Wichita Ks 67202 Elevation 2967 KB 2959 GL
Co. Rep / Geo. Jon Christensen Cont. Abercrombie #3 Est. Ft. of Pay _____ Por. _____ %
Location: Sec. 12 Twp. 28S Rge. 33W Co. Haskell State Ks.
No. of Copies 1 Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4766-4792 Initial Str Wt./Lbs. 60K Unseated Str Wt./Lbs. 64K
Anchor Length 26 Wt. Set Lbs. 25K Wt. Pulled Loose/Lbs. 70K
Top Packer Depth 4761 Tool Weight 1800
Bottom Packer Depth 4766 Hole Size 7 7/8" Rubber Size 6 3/4"
Total Depth 4792 Wt. Pipe Run _____ Drill Collar Run 310
Mud Wt. 9.2 LCM 4# Vis. 56 WL _____ Drill Pipe Size 4.5" Ft. Run 4942
Blow Description IF - Strong blow, BOB 1min "NO GTS"
ISI - Took a long time to bleed off, "Ended up with No blow back"
FF - Good building blow, BOB 8min, Blow increased last 20mins.
EST - No blow while building blow 1" in bucket. "NO GTS"
Recovery - Total Feet 1400 Ft. in DC 310 Ft. in DP 2390
Rec. 1400 Feet of EMCW %gas _____ %oil 90 %water 5 %mud _____
Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
BHT 128 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
RW 453 @ 41 °F Chlorides 28000 ppm Recovery _____ Chlorides 2100 ppm System

	AK-1	Alpine	PSI	Recorder No.	Test
(A) Initial Hydrostatic Mud	2284	2284	PSI	6769	1100"
(B) First Initial Flow Pressure	72	72	PSI	4748	
(C) First Final Flow Pressure	319	1399	PSI	11018	
(D) Initial Shut-In Pressure	1399	345	PSI	4792	
(E) Second Initial Flow Pressure	345	592	PSI		
(F) Second Final Flow Pressure	592	1397	PSI		
(G) Final Shut-In Pressure	1397		PSI	Initial Opening	
(Q) Final Hydrostatic Mud	2213		PSI	Initial Shut-In	

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

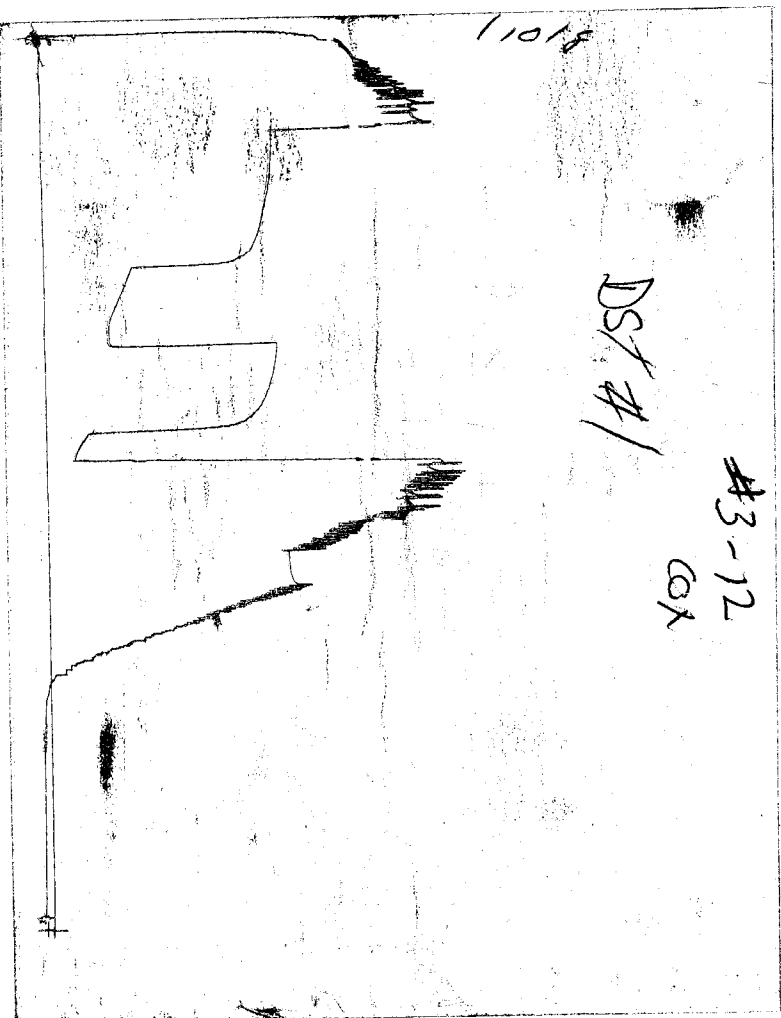
Approved By [Signature]
Our Representative [Signature]

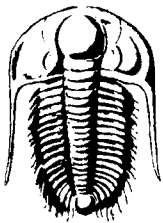
T-On Location 2nd fire 5:30pm
T-Started 845 pm
T-Open 1230 am
T-Pulled 445 am
T-Out 900 am

Jars _____
Safety Jt. 50
Circ Sub _____
Sampler _____
Straddle _____
Ext. Packer _____
Shale Packer _____
Mileage 100 - 2 trips 20
Sub Total: 1350
Std. By 62 = 187
Other Acc = 150
Total: 1887.5

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20625

05/03

Test Ticket

Well Name & No. <u>#3-12 COX</u>	Test No. <u>#2</u>	Date <u>11/11/05</u>
Company <u>Abercrombie Energy LLC</u>	Zone Tested _____	
Address <u>150 N Main St. 801 Wichita KS 67202</u>	Elevation <u>2967</u>	KB <u>2959</u> GL _____
Co. Rep / Geo. <u>Jon Christensen</u>	Cont. <u>Abercrombie #3</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>12</u> Twp. <u>28 S</u> Rge. <u>33 W</u>	Co. <u>Leak: 11</u>	State <u>KS</u>
No. of Copies <u>1</u>	Disbtribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>4835 - 4874</u>	Initial Str Wt./Lbs. <u>62K</u>	Unseated Str Wt./Lbs. <u>62K</u>
Anchor Length <u>39</u>	Wt. Set Lbs. <u>25K</u>	Wt. Pulled Loose/Lbs. <u>75K</u>
Top Packer Depth <u>4830</u>	Tool Weight <u>1800</u>	
Bottom Packer Depth <u>4835</u>	Hole Size <u>7 7/8"</u>	Rubber Size <u>6 3/4"</u>
Total Depth <u>4874</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>310</u>
Mud Wt. <u>9.0</u> LCM <u>4th</u> Vis. <u>47</u> WL <u>7.2</u>	Drill Pipe Size <u>4.5 x 2</u>	Ft. Run <u>4534</u>
Blow Description <u>TF - Good Building blow, BOB 10 min, 16 GTS.</u>		
<u>ISI - No blow back.</u>		
<u>FF - Weak Building blow, BOB 20 min, 16 GTS.</u>		
<u>ESI - No blow back.</u>		

Recovery - Total Feet <u>186</u> <u>Not in test</u> GIP <u>994</u>	Ft. in DC _____	Ft. in DP _____
Rec. <u>62</u> Feet of <u>OCM</u>	%gas <u>11</u>	%oil _____ %water <u>99.9</u> %mud _____
Rec. <u>62</u> Feet of <u>OCM</u>	%gas <u>2</u>	%oil _____ %water <u>98</u> %mud _____
Rec. <u>62</u> Feet of <u>WOGCM</u> <u>15</u>	%gas <u>10</u>	%oil <u>10</u> %water <u>65</u> %mud _____
Rec. _____ Feet of <u>water was salty, but</u>	%gas _____	%oil _____ %water _____ %mud _____
Rec. _____ Feet of <u>cold not get clean sample.</u>	%gas _____	%oil _____ %water _____ %mud _____
BHT <u>122</u> °F Gravity _____	°API D @ _____	°F Corrected Gravity _____ °API _____
RW _____ @ _____ °F	Chlorides _____ ppm Recovery _____	Chlorides <u>2000</u> ppm System _____

(A) Initial Hydrostatic Mud <u>2249</u> PSI	Recorder No. <u>6769</u>	Test <u>1100^{OG}</u>
(B) First Initial Flow Pressure <u>21</u> PSI	(depth) <u>4838</u>	Elec. Rec. _____
(C) First Final Flow Pressure <u>45</u> PSI	Recorder No. <u>11018</u>	Jars _____
(D) Initial Shut-In Pressure <u>1376</u> PSI	(depth) <u>4874</u>	Safety Jt. <u>50^{OG}</u>
(E) Second Initial Flow Pressure <u>52</u> PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure <u>93</u> PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure <u>1347</u> PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud <u>2257</u> PSI	Initial Shut-In <u>60</u>	Ext. Packer _____
	Final Flow <u>60</u>	Shale Packer _____
	Final Shut-In <u>90</u>	Mileage <u>100^{OG}</u>
	T-On Location <u>1036 PM</u>	Sub Total: <u>1250</u>
	T-Started <u>1145 PM</u>	Std. By <u>3 = 150</u>
	T-Open _____	Other Acc: <u>150</u>
	T-Pulled <u>745 PM</u>	Total: <u>1530^{OG}</u>
	T-Out <u>1030 AM</u>	<u>\$1550</u>

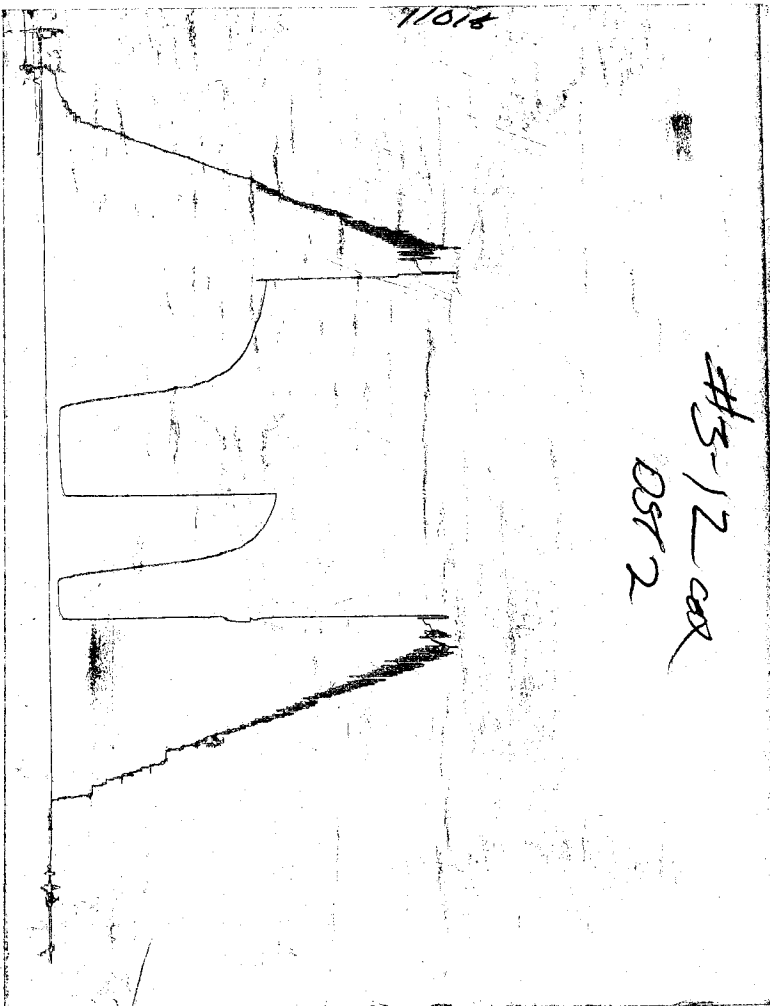
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

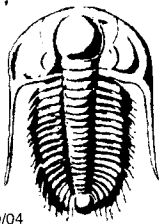
Approved By [Signature]

Our Representative [Signature]

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 22376

Test Ticket

Well Name & No. #3-12 cox Test No. 3 Date 11/12/05
 Company Abaciombie Energy LLC Zone Tested Atoka
 Address 150 N Main St. #801 Wichita KS 67202 Elevation 2967 KB 2959 GL
 Co. Rep / Geo. Jon Christensen Cont. Aba #3 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 12 Twp. 28S Rge. 33W Co. Abt #1 State Ks
 No. of Copies 1 Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5003 - 5054 Initial Str Wt./Lbs. 64 K Unseated Str Wt./Lbs. 70K
 Anchor Length 51 Wt. Set Lbs. 2500 Wt. Pulled Loose/Lbs. 75K
 Top Packer Depth 4998 Tool Weight 1800
 Bottom Packer Depth 5003 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 5054 Wt. Pipe Run 0 Drill Collar Run 310
 Mud Wt. 9.0 LCM 5 Vis. 61 WL 7.2 Drill Pipe Size 4 1/2" Ft. Run 1691
 Blow Description TF - weak building blow. BOB 29 min

ISI - No blow back.
FF - Good blow, BOB ASAO.
LSI - No blow back

Recovery - Total Feet 70 GIP 1860 Ft. in DC _____ Ft. in DP _____
 Rec. 6MO Feet of 6MO-60' 40 %gas 30 %oil _____ %water 30 %mud _____
 Rec. 2 MO foot Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. of clean oil Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. on very bottom Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. 10' OCM Feet of OCM w. trace of W %gas _____ %oil TF %water 100 %mud _____
 BHT 119 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 2200 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	2403	PSI	Recorder No.	6769	Test	1200° 10W
(B) First Initial Flow Pressure			18	PSI	(depth)		Jars	
(C) First Final Flow Pressure			27	PSI	Recorder No.	11018	Safety Jt.	50°
(D) Initial Shut-In Pressure			978	PSI	(depth)		Circ Sub	
(E) Second Initial Flow Pressure			24	PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure			37	PSI	(depth)		Straddle	
(G) Final Shut-In Pressure			1324	PSI	Initial Opening	30	Ext. Packer	
(Q) Final Hydrostatic Mud			2250	PSI	Initial Shut-In	60	Shale Packer	
					Final Flow	60	Ruined Packer	
					Final Shut-In	120	Mileage	100°
					T-On Location	845 Am	Sub Total:	1350
					T-Started	915 Am	Std. By	
					T-Open		Other Acc	150°
					T-Pulled	500 pm	Total:	1500°
					T-Out	730 pm		

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

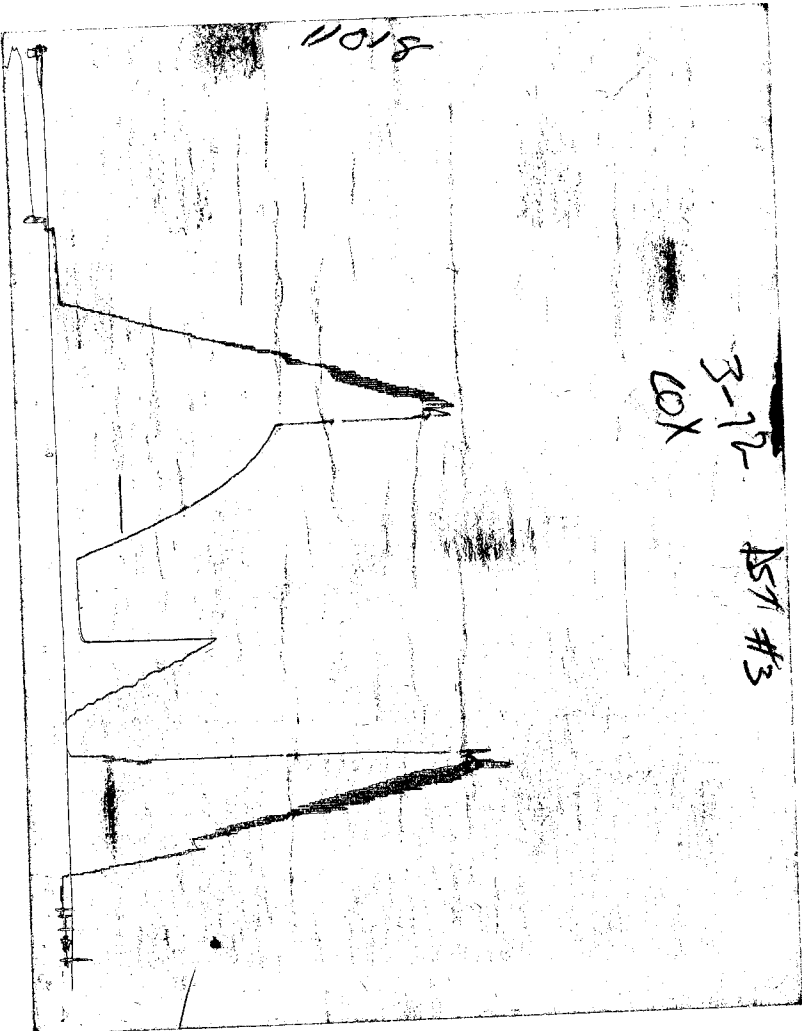
Approved By

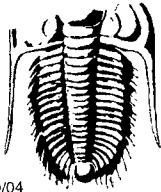
Our Representative

Stanley D. ...

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 22377

Test Ticket

Well Name & No. 3-12 COX Test No. 4 Date 11/13/05
Company Abercrombie Energy LLC Zone Tested Morrow Sand
Address 150 N Main Suite 801 Wichita KS 67202 Elevation 2967 KB 2959 GL
Co. Rep / Geo. Sen Christensen Cont. Abercrombie #3 Est. Ft. of Pay Por. %
Location: Sec. 12 Twp. 28 S Rge. 33 W Co. Haskell State KS
No. of Copies 1 Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 5144-5243 Initial Str Wt./Lbs. 68K Unseated Str Wt./Lbs. 68K
Anchor Length 99 Wt. Set Lbs. 25K Wt. Pulled Loose/Lbs. 30K
Top Packer Depth 5139 Tool Weight 1800
Bottom Packer Depth 5144 Hole Size 7 7/8" Rubber Size 6 3/4"
Total Depth 5243 Wt. Pipe Run 0 Drill Collar Run 310
Mud Wt. 8.7 LCM 3 Vis. 60 WL 7.2 Drill Pipe Size 45 x H Ft. Run 4817
Blow Description IF - Weak blow, built to 1" in bucket died back to 1/2"

FSI - No blow back
FF - No blow
FSI - No blow back

Recovery - Total Feet 30 GIP Ft. in DC Ft. in DP
Rec. 30 Feet of Mud %gas %oil %water 100 %mud
Rec. Feet of %gas %oil %water %mud
Rec. Feet of %gas %oil %water %mud
Rec. Feet of %gas %oil %water %mud
Rec. Feet of %gas %oil %water %mud
BHT 121 °F Gravity °API D @ °F Corrected Gravity °API
RW @ °F Chlorides ppm Recovery Chlorides 2000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2520</u>	PSI	<u>6769</u>	<u>1200°</u>
(B) First Initial Flow Pressure	<u>31</u>	PSI	<u>5156</u>	<u>200°</u>
(C) First Final Flow Pressure	<u>40</u>	PSI	<u>11018</u>	<u>50°</u>
(D) Initial Shut-In Pressure	<u>64</u>	PSI	<u>3243</u>	
(E) Second Initial Flow Pressure	<u>35</u>	PSI		
(F) Second Final Flow Pressure	<u>41</u>	PSI		
(G) Final Shut-In Pressure	<u>65</u>	PSI		
(Q) Final Hydrostatic Mud	<u>2401</u>	PSI		

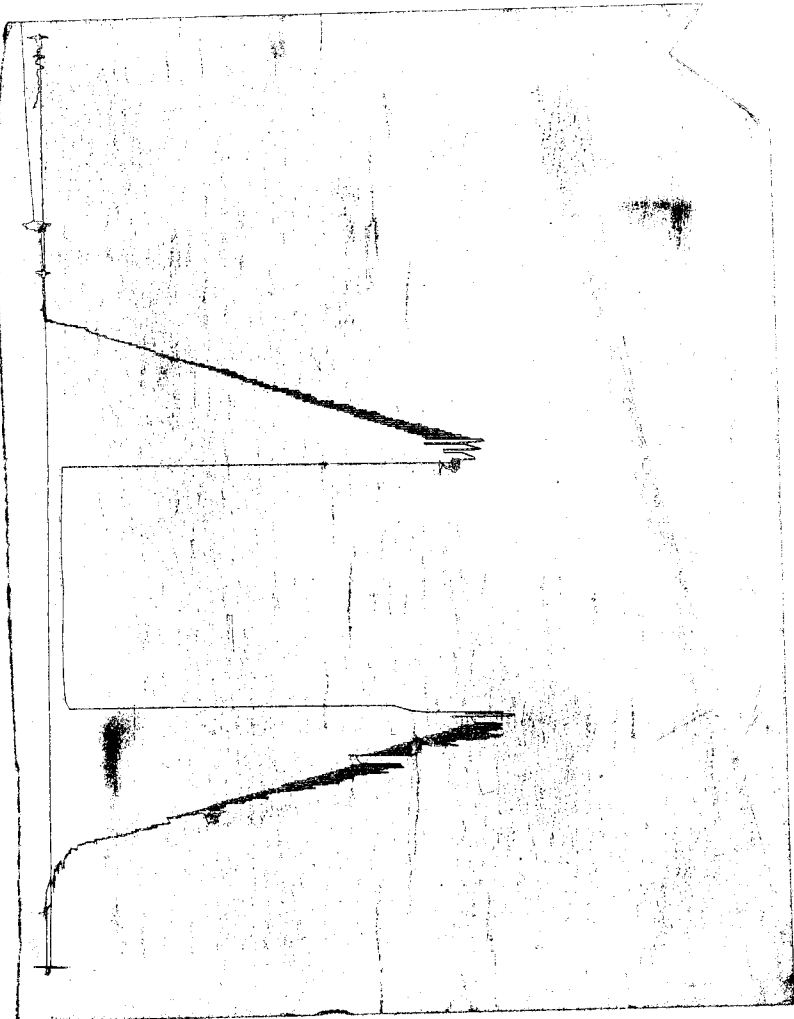
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

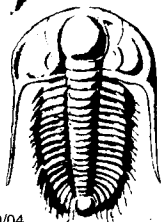
Approved By [Signature]

Our Representative [Signature]

Recorder No. 6769 Test 1200°
(depth) 5156 Jars 200°
Recorder No. 11018 Safety Jt. 50°
(depth) 3243 Circ Sub
Recorder No. Sampler
(depth) Straddle
Initial Opening 30 Ext. Packer
Initial Shut-In 60 Shale Packer
Final Flow 30 Ruined Packer
Final Shut-In 60 Mileage 100°
T-On Location 1130° Sub Total: 1550°
T-Started 1245 pm Std. By
T-Open 330 pm Other ACC: 150°
T-Pulled 645 pm Total: 1700°
T-Out 1000 pm

CHART PAGE
This is a photocopy of the actual AK-1 recorder chart.





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

22378

Test Ticket

Well Name & No. 3-12 COX Test No. 5 Date 11/15/05
 Company Abercrombie Energy LLC Zone Tested Crustal Sand
 Address 1501 Main Suite 801 Wichita KS 67202 Elevation 2967 KB 2959 GL
 Co. Rep / Geo. Jon Christensen Cont. Abercrombie #3 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 12 Twp. 28 Rge. 33 Co. Haskell State KS
 No. of Copies 1 Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5325 - 5352 Initial Str Wt./Lbs. 72K Unseated Str Wt./Lbs. 74K
 Anchor Length 27 Wt. Set Lbs. 25K Wt. Pulled Loose/Lbs. 82K
 Top Packer Depth 5320 Tool Weight 1800
 Bottom Packer Depth 5325 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 5352 Wt. Pipe Run 9 Drill Collar Run 310
 Mud Wt. 8.4 LCM 4 Vis. 36 WL 7.2 Drill Pipe Size 9.5 XH Ft. Run 5003
 Blow Description IF - Good blow, BOB 13 min, 110675'
IS - No blow back
IF - Good building blow BOB 25 min, 110675'
IS - No blow back

Recovery - Total Feet _____ GIP 200 Ft. in DC _____ Ft. in DP _____
 Rec. 650 Feet of some CW 1 %gas %oil 95 %water 4 %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 137 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW 223 @ 36 °F Chlorides 7000 ppm Recovery _____ Chlorides _____ ppm System

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>2620</u>	PSI	Recorder No.	<u>6769</u>	Test <u>1200°</u>
(B) First Initial Flow Pressure	<u>45</u>	PSI	(depth)	<u>5327</u>	Jars <u>200°</u>
(C) First Final Flow Pressure	<u>265</u>	PSI	Recorder No.	<u>11018</u>	Safety Jt. <u>50°</u>
(D) Initial Shut-In Pressure	<u>1286</u>	PSI	(depth)	<u>5352</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>274</u>	PSI	Recorder No.		Sampler _____
(F) Second Final Flow Pressure	<u>457</u>	PSI	(depth)		Straddle _____
(G) Final Shut-In Pressure	<u>1279</u>	PSI	Initial Opening	<u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2409</u>	PSI	Initial Shut-In	<u>60</u>	Shale Packer <u>150°</u>
			Final Flow	<u>10</u>	Ruined Packer _____
			Final Shut-In	<u>330 pm</u>	Mileage <u>1000</u>
			T-On Location	<u>515</u>	Sub Total: <u>1700</u>
			T-Started	<u>7:00</u>	Std. By <u>3-150° 150</u>
			T-Open	<u>12:00 AM</u>	Other <u>150°</u>
			T-Pulled	<u>430 AM</u>	Total: <u>2000°</u>
			T-Out		

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By [Signature]
 Our Representative [Signature]

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

