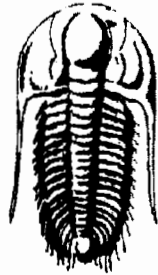


15-135-24820

24-19s-26w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N Main Ste 801
Wichita KS 67202

ATTN: Monica Turner

24-19S 26W Ness KS

Vogel # 2-24

Start Date: 2008.07.12 @ 06:30:16

End Date: 2008.07.12 @ 12:55:25

Job Ticket #: 29978 DST #: 1

24-19s-26w
Ness Co., KS
Vogel 2-24

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

Printed: 2008.07.17 @ 11:36:00 Page 1

Abercrombie Energy LLC

Vogel # 2-24

24 19S 26W Ness KS

DST # 1

Miss

2008.07.12



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Abercrombie Energy LLC

150 N Main Ste 801
Wichita KS 67202

ATTN: Monica Turner

Vogel # 2-24

24 19S 26W Ness KS

Job Ticket: 29978

DST#: 1

Test Start: 2008.07.12 @ 06:30:16

GENERAL INFORMATION:

Formation: **Miss**

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

Time Tool Opened: 09:17:41

Time Test Ended: 12:55:25

Test Type: **Conventional Bottom Hole**

Tester: **Brandon Turley**

Unit No: **35**

Interval: **4569.00 ft (KB) To 4576.00 ft (KB) (TVD)**

Total Depth: **4576.00 ft (KB) (TVD)**

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

Reference Elevations: **2619.00 ft (KB)**

2614.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 6772

Outside

Press@RunDepth: **psig @ 4570.00 ft (KB)**

Start Date: **2008.07.12**

End Date: **2008.07.12**

Capacity: **7000.00 psig**

Last Calib.: **2008.07.12**

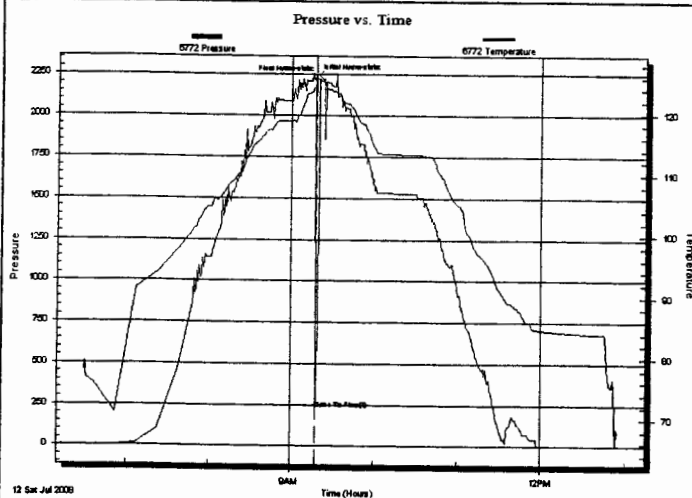
Start Time: **06:30:16**

End Time: **12:55:25**

Time On Btm: **2008.07.12 @ 09:17:26**

Time Off Btm: **2008.07.12 @ 09:20:11**

TEST COMMENT: **Packer failed@open**



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2228.43	124.68	Initial Hydro-static
1	226.66	124.50	Open To Flow (1)
3	2216.91	126.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
341.00	100%M	3.69

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

Vogel # 2-24

150 N Main Ste 801
Wichita KS 67202

24 19S 26W Ness KS

Job Ticket: 29978

DST#: 1

ATTN: Monica Turner

Test Start: 2008.07.12 @ 06:30:16

Tool Information

Drill Pipe:	Length: 4444.00 ft	Diameter: 3.80 inches	Volume: 62.34 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	62.93 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4569.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	7.00 ft				
Tool Length:	34.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4543.00	
Shut In Tool	5.00			4548.00	
Hydraulic tool	5.00			4553.00	
Jars	5.00			4558.00	
Safety Joint	2.00			4560.00	
Packer	5.00			4565.00	27.00 Bottom Of Top Packer
Packer	4.00			4569.00	
Stubb	1.00			4570.00	
Recorder	0.00	6769	Inside	4570.00	
Recorder	0.00	6772	Outside	4570.00	
Perforations	1.00			4571.00	
Bullnose	5.00			4576.00	7.00 Bottom Packers & Anchor

Total Tool Length: 34.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

Vogel # 2-24

150 N Main Ste 801
Wichita KS 67202

24 19S 26W Ness KS

Job Ticket: 29978

DST#: 1

ATTN: Monica Turner

Test Start: 2008.07.12 @ 06:30:16

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.13 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
341.00	100%M	3.690

Total Length: 341.00 ft

Total Volume: 3.690 bbl

Num Fluid Samples: 0

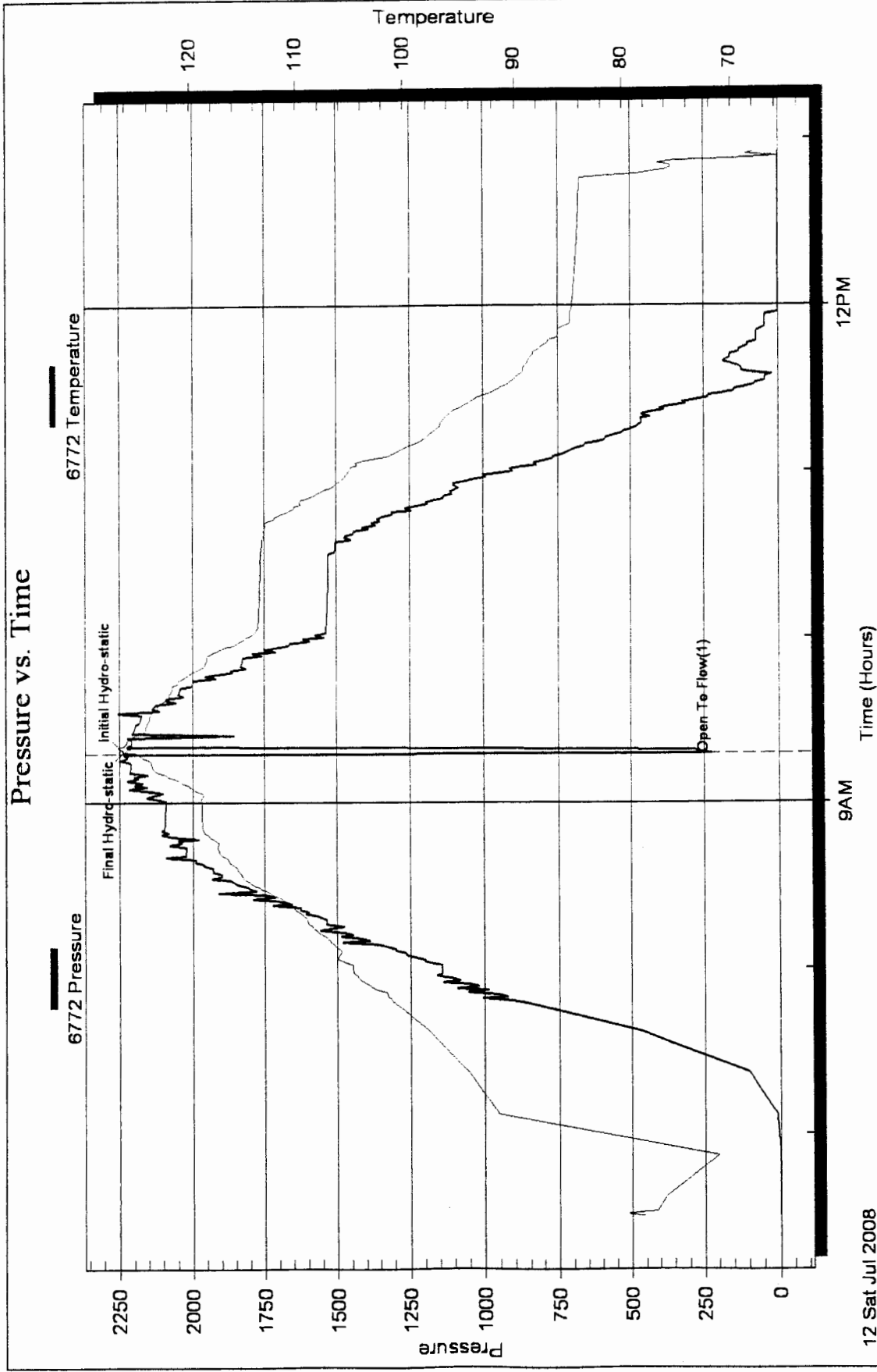
Num Gas Bombs: 0

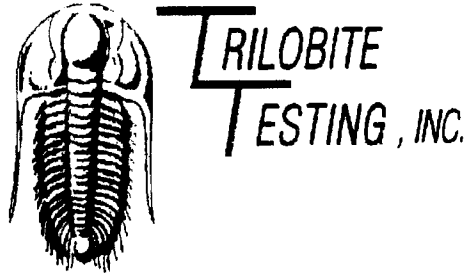
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N Main Ste 801
Wichita KS 67202

ATTN: Monica Turner

24 19S 26W Ness KS

Vogel # 2-24

Start Date: 2008.07.12 @ 13:05:51

End Date: 2008.07.12 @ 17:56:30

Job Ticket #: 29979 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: Monica Turner

Vogel # 2-24

24 19S 26W Ness KS

Job Ticket: 29979

DST#: 2

Test Start: 2008.07.12 @ 13:05:51

GENERAL INFORMATION:

Formation: **Miss**

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

Time Tool Opened: 15:06:46

Time Test Ended: 17:56:30

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: **4522.00 ft (KB) To 4576.00 ft (KB) (TVD)**

Total Depth: **4576.00 ft (KB) (TVD)**

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

Reference Elevations: **2619.00 ft (KB)**

2614.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 6772

Outside

Press@RunDepth: **psig @ 4523.00 ft (KB)**

Start Date: **2008.07.12**

End Date:

2008.07.12

Start Time: **13:05:51**

End Time:

17:56:30

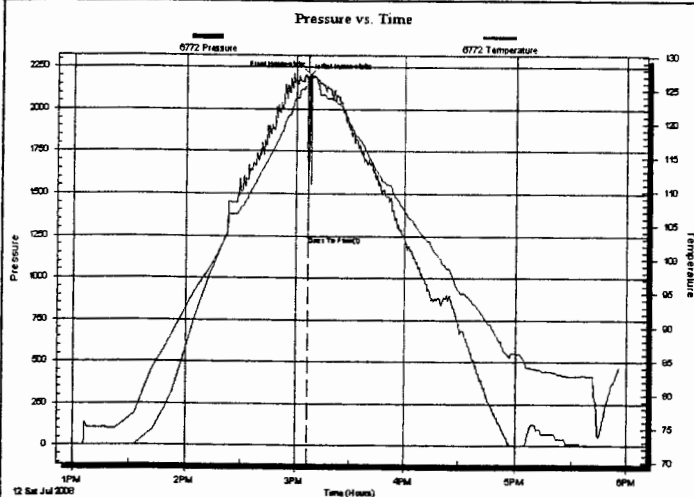
Capacity: **7000.00 psig**

Last Calib.: **2008.07.12**

Time On Btm: **2008.07.12 @ 15:06:31**

Time Off Btm: **2008.07.12 @ 15:08:31**

TEST COMMENT: Packers failed@open



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2187.90	125.77	Initial Hydro-static
1	1197.61	126.08	Open To Flow (1)
2	2199.59	127.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	100%M	3.26

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

Vogel # 2-24

150 N Main Ste 801
Wichita KS 67202

24 19S 26W Ness KS

Job Ticket: 29979

DST#:2

ATTN: Monica Turner

Test Start: 2008.07.12 @ 13:05:51

Tool Information

Drill Pipe:	Length: 4381.00 ft	Diameter: 3.80 inches	Volume: 61.45 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: 30000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 100000.0 lb
		Total Volume: 62.04 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	1.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4522.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	75.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4501.00	
Shut In Tool	5.00			4506.00	
Hydraulic tool	5.00			4511.00	
Safety Joint	2.00			4513.00	
Packer	5.00			4518.00	22.00 Bottom Of Top Packer
Packer	4.00			4522.00	
Stubb	1.00			4523.00	
Recorder	0.00	6769	Inside	4523.00	
Recorder	0.00	6772	Outside	4523.00	
Perforations	14.00			4537.00	
Change Over Sub	1.00			4538.00	
Drill Pipe	32.00			4570.00	
Bullnose	5.00			4575.00	53.00 Bottom Packers & Anchor

Total Tool Length: 75.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

Vogel # 2-24

150 N Main Ste 801
Wichita KS 67202

24 19S 26W Ness KS

Job Ticket: 29979

DST#: 2

ATTN: Monica Turner

Test Start: 2008.07.12 @ 13:05:51

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.11 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	100%M	3.255

Total Length: 310.00 ft

Total Volume: 3.255 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

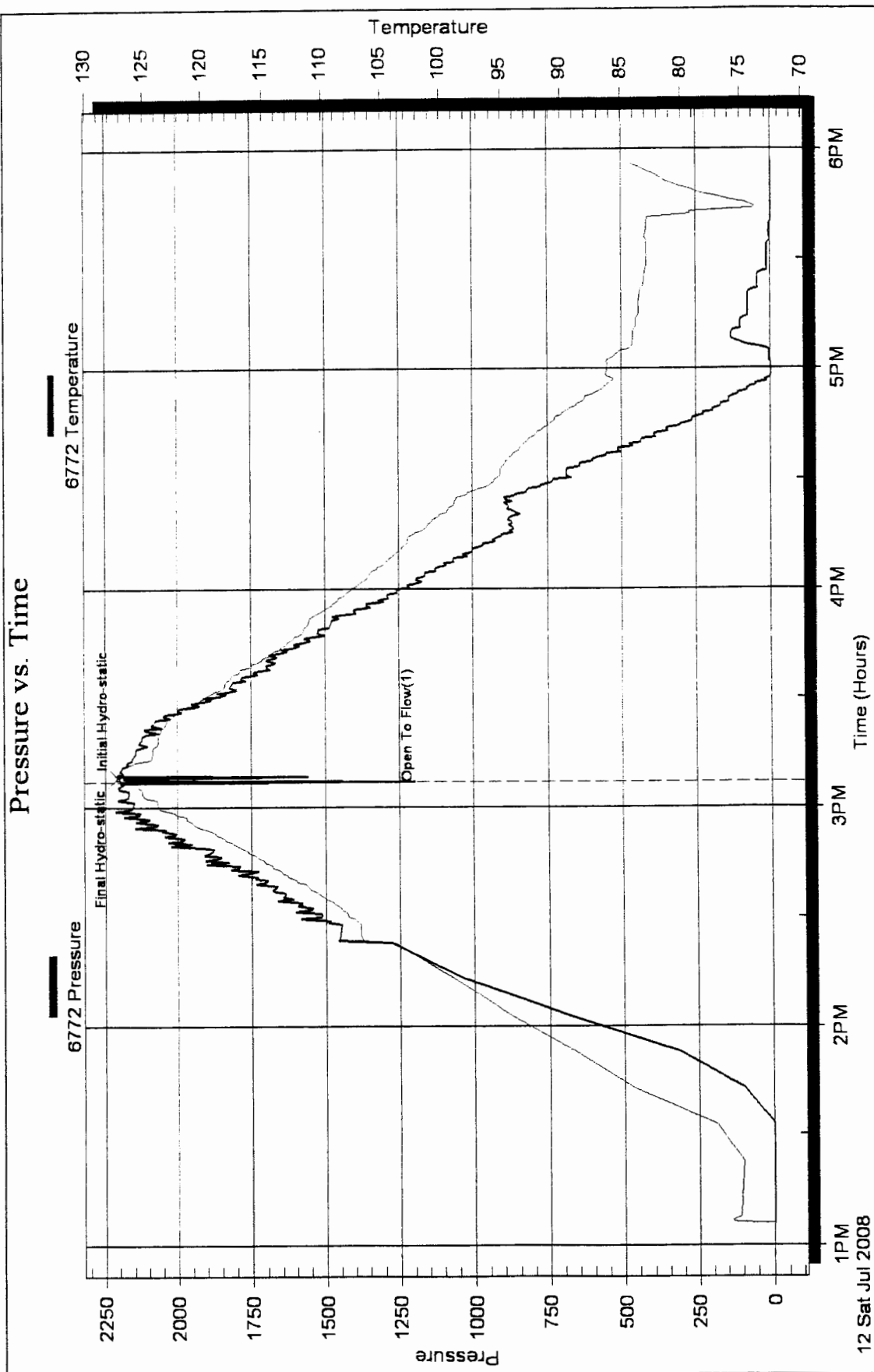
Serial #:

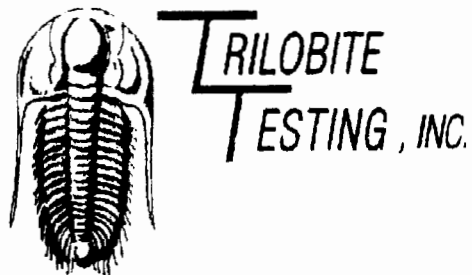
Laboratory Name:

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: Monica Turner

24 19S 26W Ness KS

Vogel # 2-24

Start Date: 2008.07.12 @ 18:22:23

End Date: 2008.07.13 @ 03:29:33

Job Ticket #: 29980 DST #: 3

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: Monica Turner

Vogel # 2-24

24 19S 26W Ness KS

Job Ticket: 29980

DST#: 3

Test Start: 2008.07.12 @ 18:22:23

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:09:03

Time Test Ended: 03:29:33

Interval: **4495.00 ft (KB) To 4576.00 ft (KB) (TVD)**

Total Depth: 4576.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Reference Elevations: 2619.00 ft (KB)

2614.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6772

Outside

Press@RunDepth: 71.64 psig @ 4496.00 ft (KB)

Start Date: 2008.07.12

End Date:

2008.07.13

Capacity: 7000.00 psig

Last Calib.: 2008.07.13

Start Time: 18:22:23

End Time:

03:29:33

Time On Btm: 2008.07.12 @ 21:05:33

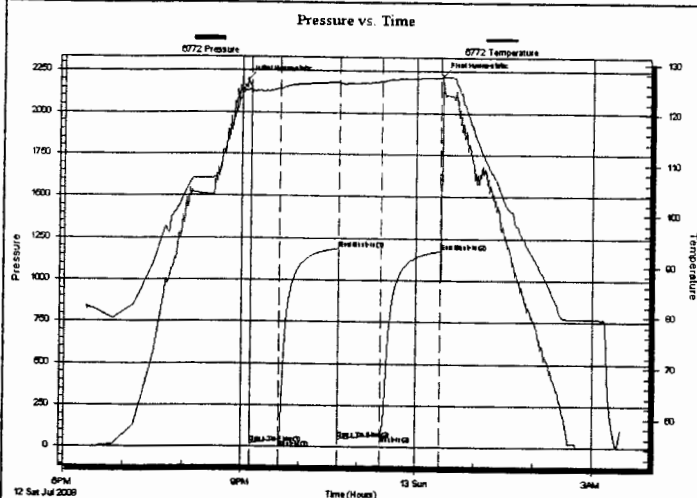
Time Off Btm: 2008.07.13 @ 00:27:02

TEST COMMENT: IF Surface blow built to 1 1/2 in 30 min.

IS No return

FF No blow

FS No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2194.69	124.57	Initial Hydro-static
4	19.39	123.95	Open To Flow (1)
34	43.68	124.96	Shut-In (1)
94	1187.17	126.31	End Shut-In (1)
95	47.74	125.95	Open To Flow (2)
138	71.64	126.51	Shut-In (2)
200	1173.60	127.29	End Shut-In (2)
202	2224.34	127.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OCM 10%O 90%M	0.59
3.00	100%O	0.04

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

Vogel # 2-24

150 N Main Ste 801
Wichita KS 67202

24 19S 26W Ness KS

Job Ticket: 29980

DST#: 3

ATTN: Monica Turner

Test Start: 2008.07.12 @ 18:22:23

Tool Information

Drill Pipe:	Length: 4378.00 ft	Diameter: 3.80 inches	Volume: 61.41 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: 30000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume: 62.00 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4495.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	81.00 ft			
Tool Length:	108.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4469.00	
Shut In Tool	5.00			4474.00	
Hydraulic tool	5.00			4479.00	
Jars	5.00			4484.00	
Safety Joint	2.00			4486.00	
Packer	5.00			4491.00	27.00 Bottom Of Top Packer
Packer	4.00			4495.00	
Stubb	1.00			4496.00	
Recorder	0.00	6769	Inside	4496.00	
Recorder	0.00	6772	Outside	4496.00	
Perforations	10.00			4506.00	
Change Over Sub	1.00			4507.00	
Drill Pipe	63.00			4570.00	
Change Over Sub	1.00			4571.00	
Bullnose	5.00			4576.00	81.00 Bottom Packers & Anchor

Total Tool Length: 108.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

Vogel # 2-24

150 N Main Ste 801
Wichita KS 67202

24 19S 26W Ness KS

Job Ticket: 29980

DST#: 3

ATTN: Monica Turner

Test Start: 2008.07.12 @ 18:22:23

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 9.16 in³

Resistivity: 0.00 ohm.m

Salinity: 3500.00 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

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	OCM 10%O 90%M	0.590
3.00	100%O	0.042

Total Length: 123.00 ft

Total Volume: 0.632 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

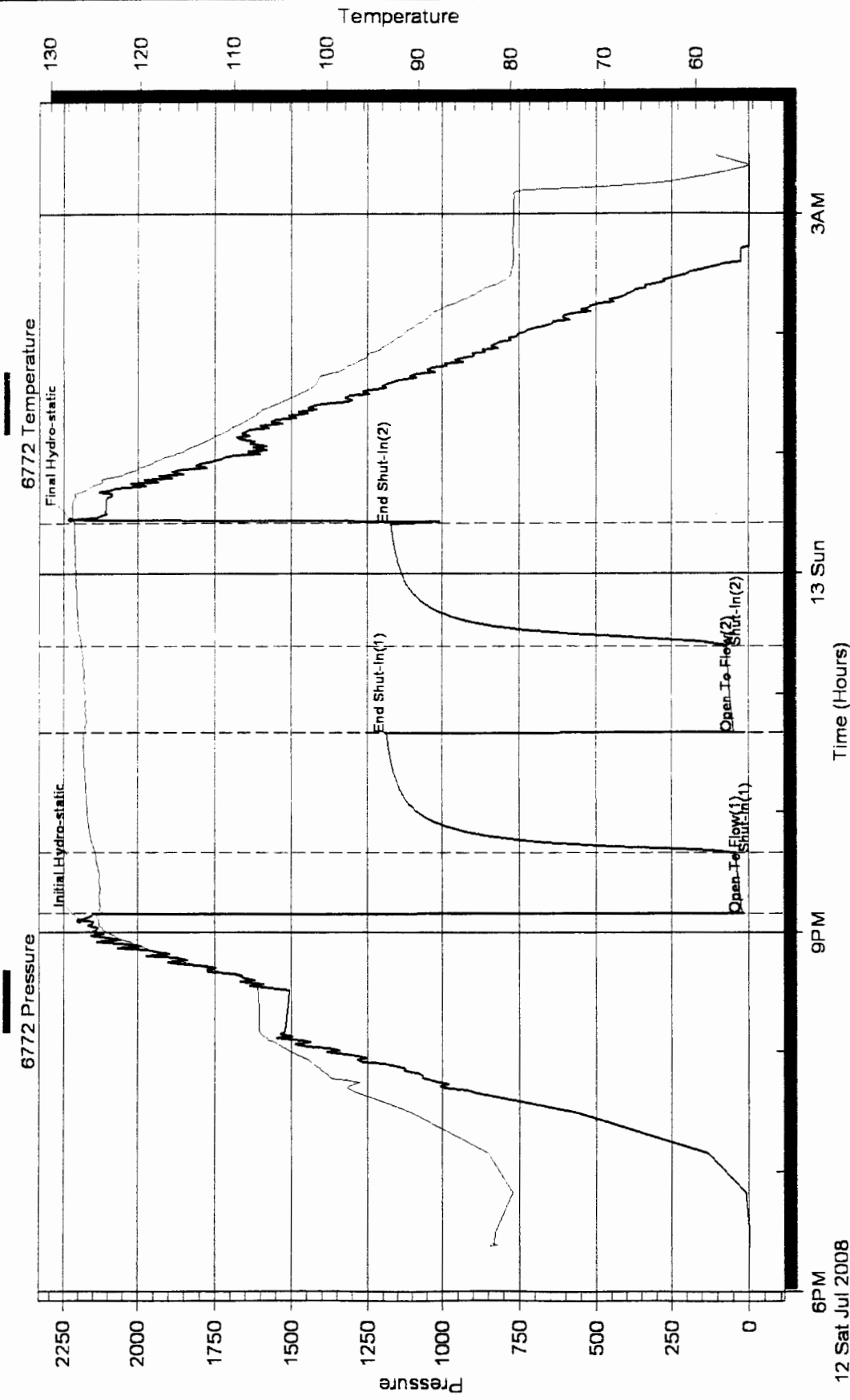
Serial #:

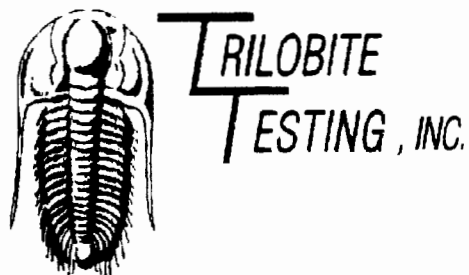
Laboratory Name:

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: Monica Turner

24 19S 26W Ness KS

Vogel # 2-24

Start Date: 2008.07.13 @ 16:55:11

End Date: 2008.07.14 @ 03:30:51

Job Ticket #: 29981 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

150 N Main Ste 801
Wichita KS 67202

ATTN: Monica Turner

Vogel # 2-24

24 19S 26W Ness KS

Job Ticket: 29981

DST#: 4

Test Start: 2008.07.13 @ 16:55:11

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:20:51

Time Test Ended: 03:30:51

Interval: **4573.00 ft (KB) To 4582.00 ft (KB) (TVD)**

Total Depth: 4582.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Reference Elevations: 2619.00 ft (KB)

2614.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6772

Outside

Press@RunDepth: 86.35 psig @ 4574.00 ft (KB)

Start Date: 2008.07.13

End Date:

2008.07.14

Start Time: 16:55:11

End Time:

03:30:51

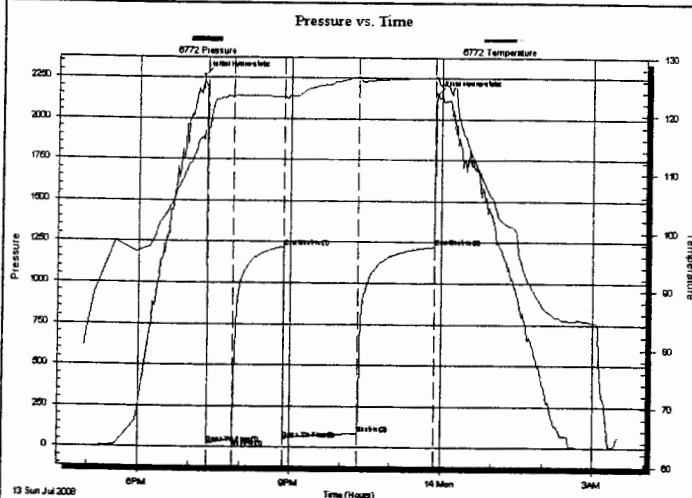
Capacity: 7000.00 psig

Last Calib.: 2008.07.14

Time On Btm: 2008.07.13 @ 19:16:06

Time Off Btm: 2008.07.13 @ 23:54:20

TEST COMMENT: IF Surface blow built to 3 in 30 min.
IS No return
FF Surface blow built to 8 1/2 in 90 min.
FS Weak surface blow died in 10 min.



PRESSURE SUMMARY

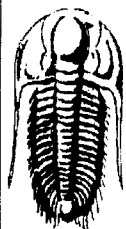
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2262.86	115.72	Initial Hydro-static
5	20.62	117.19	Open To Flow (1)
36	51.01	123.28	Shut-In(1)
96	1219.58	123.23	End Shut-In(1)
96	52.31	122.90	Open To Flow (2)
185	86.35	126.69	Shut-In(2)
276	1220.93	126.61	End Shut-In(2)
279	2151.14	126.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCW 70%W 30%M	0.59
52.00	100%O	0.73
0.00	GIP 134	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

Vogel # 2-24

150 N Main Ste 801
Wichita KS 67202

24 19S 26W Ness KS

Job Ticket: 29981

DST#:4

ATTN: Monica Turner

Test Start: 2008.07.13 @ 16:55:11

Tool Information

Drill Pipe:	Length: 4450.00 ft	Diameter: 3.80 inches	Volume: 62.42 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:	30000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	85000.00 lb
		Total Volume:	63.01 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4573.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	9.00 ft				
Tool Length:	31.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4552.00	
Shut In Tool	5.00			4557.00	
Hydraulic tool	5.00			4562.00	
Safety Joint	2.00			4564.00	
Packer	5.00			4569.00	22.00 Bottom Of Top Packer
Packer	4.00			4573.00	
Stubb	1.00			4574.00	
Recorder	0.00	6769	Inside	4574.00	
Recorder	0.00	6772	Outside	4574.00	
Perforations	3.00			4577.00	
Bullnose	5.00			4582.00	9.00 Bottom Packers & Anchor

Total Tool Length: 31.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

Vogel # 2-24

150 N Main Ste 801
Wichita KS 67202

24 19S 26W Ness KS

Job Ticket: 29981

DST#: 4

ATTN: Monica Turner

Test Start: 2008.07.13 @ 16:55:11

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API: 37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity: 12000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.37 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MCW 70%W 30%M	0.590
52.00	100%O	0.729
0.00	GIP 134	0.000

Total Length: 172.00 ft

Total Volume: 1.319 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

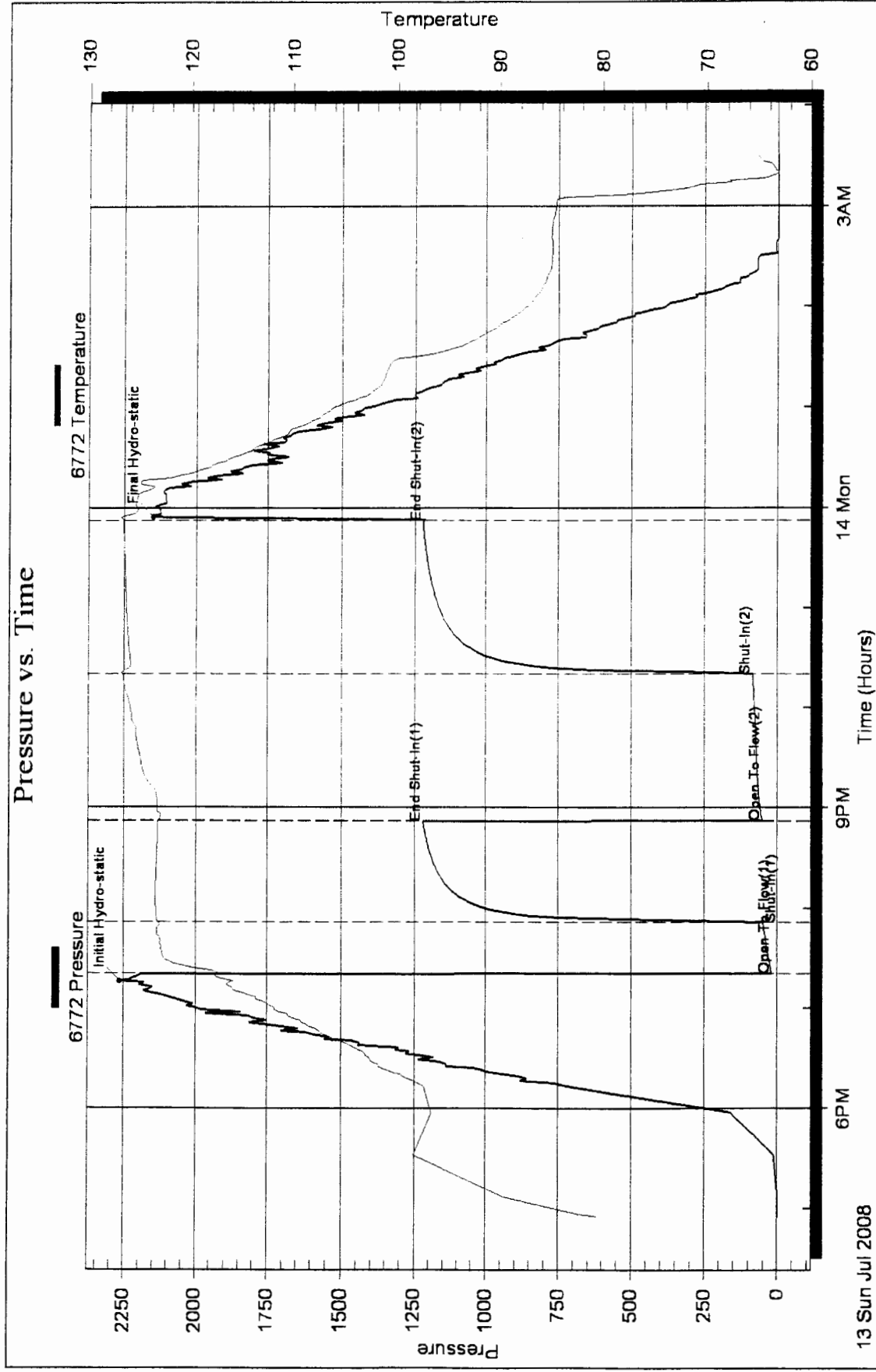
Serial #:

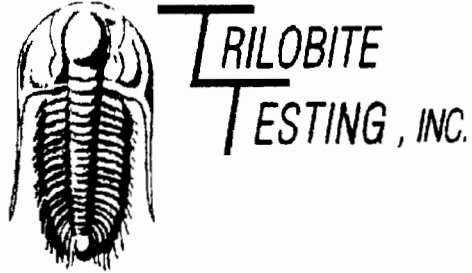
Laboratory Name:

Laboratory Location:

Recovery Comments: 38@70=37

.58@68=12000





DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N Main Ste 801
Wichita KS 67202

ATTN: Monica Turner

24 19S 26W Ness KS

Vogel # 2-24

Start Date: 2008.07.14 @ 16:36:04

End Date: 2008.07.15 @ 03:16:29

Job Ticket #: 29982 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

150 N Main Ste 801
Wichita KS 67202

ATTN: Monica Turner

Vogel # 2-24

24 19S 26W Ness KS

Job Ticket: 29982

DST#: 5

Test Start: 2008.07.14 @ 16:36:04

GENERAL INFORMATION:

Formation: **Miss**

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

Time Tool Opened: 18:54:59

Time Test Ended: 03:16:29

Test Type: **Conventional Bottom Hole**

Tester: **Brandon Turley**

Unit No: **35**

Interval: **4586.00 ft (KB) To 4595.00 ft (KB) (TVD)**

Total Depth: **4595.00 ft (KB) (TVD)**

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

Reference Elevations: **2619.00 ft (KB)**

2614.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 6772

Outside

Press@RunDepth: **111.40 psig @ 4587.00 ft (KB)**

Start Date: **2008.07.14**

End Date: **2008.07.15**

Capacity: **7000.00 psig**

Last Calib.: **2008.07.15**

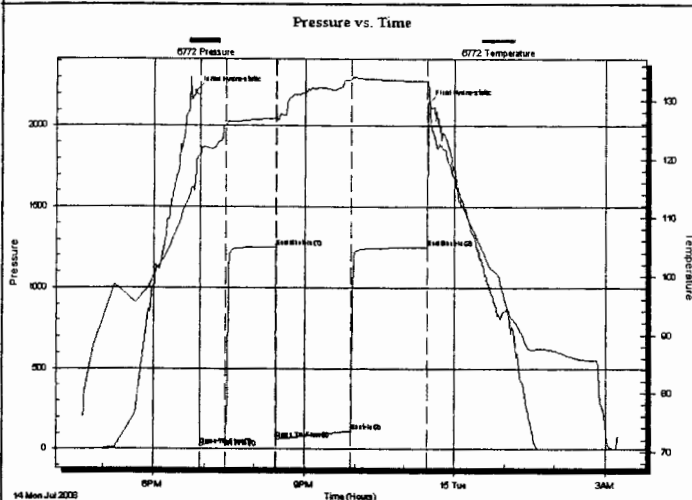
Start Time: **16:36:04**

End Time: **03:16:29**

Time On Btm: **2008.07.14 @ 18:49:59**

Time Off Btm: **2008.07.14 @ 23:28:28**

TEST COMMENT: IF 1/4 blow built to 6 in 30 min.
IS No return
FF Surface blow BOB in 42 min.
FS Surface blow built to 1/2 in 15 min died in 20 min.



PRESSURE SUMMARY

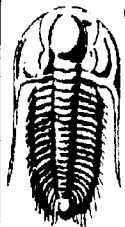
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2216.26	117.90	Initial Hydro-static
5	18.67	119.83	Open To Flow (1)
36	62.25	125.64	Shut-In (1)
96	1251.60	126.99	End Shut-In (1)
96	64.63	126.71	Open To Flow (2)
185	111.40	133.58	Shut-In (2)
278	1249.86	133.24	End Shut-In (2)
279	2139.33	133.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCWM 10%O 40%W 50%M	0.30
60.00	MWCO 55%O 5%W 40%M	0.30
139.00	MCGO 10%G 85%O 5%M	1.95
0.00	GIP 290	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

Vogel # 2-24

150 N Main Ste 801
Wichita KS 67202

24 19S 26W Ness KS

Job Ticket: 29982

DST#: 5

ATTN: Monica Turner

Test Start: 2008.07.14 @ 16:36:04

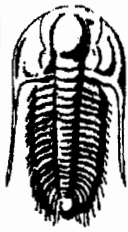
Tool Information

Drill Pipe:	Length: 4445.00 ft	Diameter: 3.80 inches	Volume: 62.35 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:	30000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	90000.00 lb
		Total Volume:	62.94 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4586.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	9.00 ft				
Tool Length:	36.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4560.00	
Shut In Tool	5.00			4565.00	
Hydraulic tool	5.00			4570.00	
Jars	5.00			4575.00	
Safety Joint	2.00			4577.00	
Packer	5.00			4582.00	27.00 Bottom Of Top Packer
Packer	4.00			4586.00	
Stubb	1.00			4587.00	
Recorder	0.00	6769	Inside	4587.00	
Recorder	0.00	6772	Outside	4587.00	
Perforations	3.00			4590.00	
Bullnose	5.00			4595.00	9.00 Bottom Packers & Anchor

Total Tool Length: 36.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

Vogel # 2-24

150 N Main Ste 801
Wichita KS 67202

24 19S 26W Ness KS

Job Ticket: 29982

DST#: 5

ATTN: Monica Turner

Test Start: 2008.07.14 @ 16:36:04

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

14000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OCWM 10%O 40%W 50%M	0.295
60.00	MWCO 55%O 5%W 40%M	0.295
139.00	MCGO 10%G 85%O 5%M	1.950
0.00	GIP 290	0.000

Total Length: 259.00 ft

Total Volume: 2.540 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .48@70=14000

38@70=37

Pressure vs. Time

