

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N Main Ste 801
Wichita KS 67202

ATTN:

19 19 25W Ness KS

Wyrill Farms #1-19

Start Date: 2007.02.07 @ 08:33:00

End Date: 2007.02.07 @ 14:26:00

Job Ticket #: 26478 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 Ste 801
Wichita KS 67202

ATTN:

Wyrill Farms #1-19

19 19 25W Ness KS

Job Ticket: 26478

DST#: 1

Test Start: 2007.02.07 @ 08:33:00

GENERAL INFORMATION:

Formation: **Ft. Scott-Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:18:00

Time Test Ended: 14:26:00

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: **4423.00 ft (KB) To 4510.00 ft (KB) (TVD)**

Total Depth: 4510.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2569.00 ft (KB)

2564.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8017

Inside

Press@RunDepth: 18.26 psig @ 4426.00 ft (KB)

Start Date: 2007.02.07

End Date:

2007.02.07

Start Time: 08:33:01

End Time:

14:26:00

Capacity: 7000.00 psig

Last Calib.: 2007.02.07

Time On Btm: 2007.02.07 @ 10:17:45

Time Off Btm: 2007.02.07 @ 12:20:00

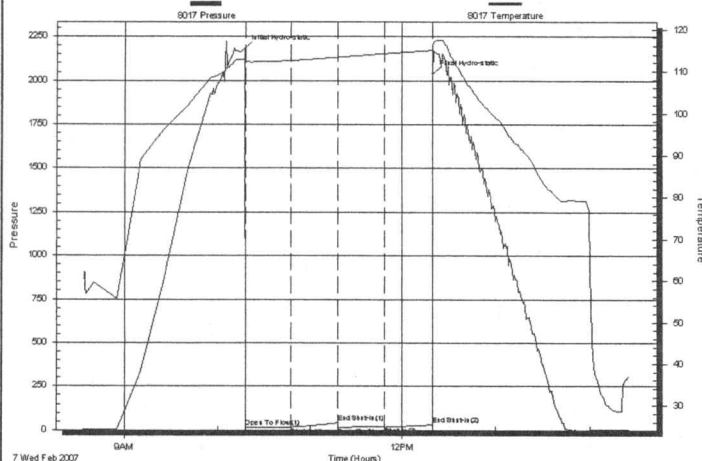
TEST COMMENT: IF 1/2 " blow died @ 5 min.

ISI No return

FF No blow

FSI No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2177.48	112.81	Initial Hydro-static
1	16.63	112.13	Open To Flow (1)
30	17.87	112.57	Shut-In (1)
61	41.14	113.36	End Shut-In (1)
61	17.69	113.36	Open To Flow (2)
91	18.26	114.22	Shut-In (2)
122	31.33	115.06	End Shut-In (2)
123	2038.35	116.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M 100%M	0.07

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

150 N Main Ste 801
Wichita KS 67202

ATTN:

Wyrill Farms #1-19

19 19 25W Ness KS

Job Ticket: 26478

DST#: 1

Test Start: 2007.02.07 @ 08:33:00

Tool Information

Drill Pipe:	Length: 4427.00 ft	Diameter: 3.80 inches	Volume: 62.10 bbl	Tool Weight: 1600.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 63000.00 lb
			Total Volume: 62.10 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	4423.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	87.00 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
Shut In Tool	5.00			4407.00	
Hydraulic tool	5.00			4412.00	
Safety Joint	2.00			4414.00	
Packer	5.00			4419.00	21.00 Bottom Of Top Packer
Packer	4.00			4423.00	
Stubb	1.00			4424.00	
Perforations	2.00			4426.00	
Recorder	0.00	8017	Inside	4426.00	
Perforations	15.00			4441.00	
Change Over Sub	1.00			4442.00	
Anchor	62.00			4504.00	
Change Over Sub	1.00			4505.00	
Recorder	0.00	13309	Inside	4505.00	
Bullnose	5.00			4510.00	87.00 Bottom Packers & Anchor

Total Tool Length: 108.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

Wyrill Farms #1-19

150 N Main Ste 801
Wichita KS 67202

19 19 25W Ness KS

Job Ticket: 26478

DST#: 1

ATTN:

Test Start: 2007.02.07 @ 08:33:00

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M 100%M	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

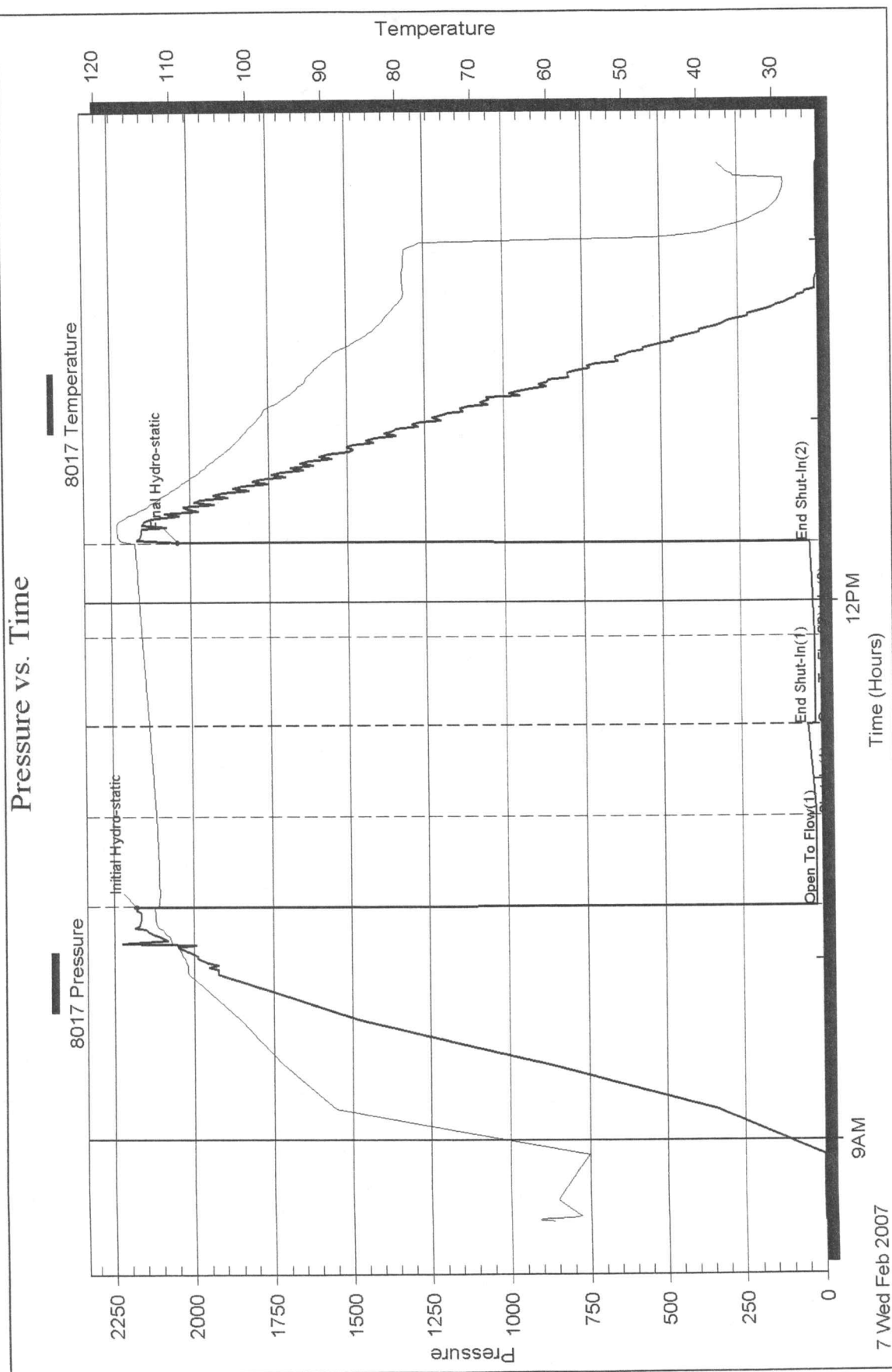
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Spots of Oil in 5 feet

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N Main Ste 801
Wichita KS 67202

ATTN:

19 19 25W Ness KS

Wyrill Farms #1-19

Start Date: 2007.02.08 @ 02:44:00

End Date: 2007.02.08 @ 12:13:45

Job Ticket #: 26479 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



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DRILL STEM TEST REPORT

Abercrombie Energy LLC

150 N Main Ste 801
Wichita KS 67202

ATTN:

Wyrill Farms #1-19

19 19 25W Ness KS

Job Ticket: 26479

DST#: 2

Test Start: 2007.02.08 @ 02:44:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:39:45

Time Test Ended: 12:13:45

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: **4490.00 ft (KB) To 4541.00 ft (KB) (TVD)**

Total Depth: 4541.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2569.00 ft (KB)

2564.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8017 **Inside**

Press@RunDepth: 79.37 psig @ 4493.00 ft (KB)

Start Date: 2007.02.08

End Date:

2007.02.08

Start Time: 02:44:01

End Time:

12:13:45

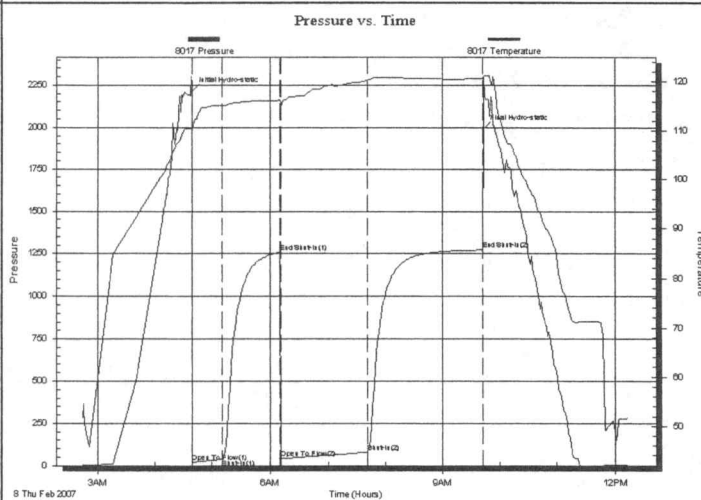
Capacity: 7000.00 psig

Last Calib.: 2007.02.08

Time On Btm: 2007.02.08 @ 04:39:30

Time Off Btm: 2007.02.08 @ 09:43:00

TEST COMMENT: IF 1/2 " blow
ISI No return
FF 1/2 " blow built to 4 1/4 "
FSI No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2214.48	110.76	Initial Hydro-static
1	19.61	110.05	Open To Flow (1)
31	38.55	115.19	Shut-In(1)
91	1259.22	116.24	End Shut-In(1)
92	41.93	115.82	Open To Flow (2)
182	79.37	120.25	Shut-In(2)
304	1273.15	120.56	End Shut-In(2)
304	1995.74	120.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	FO 100%O	0.42
60.00	GO 5%G 95%O	0.84
60.00	GOCM 10%G 40%O 50%M	0.84

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

Wyrill Farms #1-19

150 N Main Ste 801
Wichita KS 67202

19 19 25W Ness KS

Job Ticket: 26479

DST#: 2

ATTN:

Test Start: 2007.02.08 @ 02:44:00

Tool Information

Drill Pipe:	Length: 4491.00 ft	Diameter: 3.80 inches	Volume: 63.00 bbl	Tool Weight: 1600.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 63000.00 lb
		Total Volume: 63.00 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	4490.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.00 ft			
Tool Length:	72.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4474.00	
Hydraulic tool	5.00			4479.00	
Safety Joint	2.00			4481.00	
Packer	5.00			4486.00	21.00 Bottom Of Top Packer
Packer	4.00			4490.00	
Stubb	1.00			4491.00	
Perforations	2.00			4493.00	
Recorder	0.00	8017	Inside	4493.00	
Perforations	10.00			4503.00	
Change Over Sub	1.00			4504.00	
Anchor	31.00			4535.00	
Change Over Sub	1.00			4536.00	
Recorder	0.00	13276	Inside	4536.00	
Bullnose	5.00			4541.00	51.00 Bottom Packers & Anchor

Total Tool Length: 72.00



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FLUID SUMMARY

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ATTN:

Wyrill Farms #1-19

19 19 25W Ness KS

Job Ticket: 26479

DST#: 2

Test Start: 2007.02.08 @ 02:44:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 7.58 in³

Resistivity: 0.00 ohm.m

Salinity: 2300.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

39 deg API

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	FO 100%O	0.421
60.00	GO 5%G 95%O	0.842
60.00	GOCM 10%G 40%O 50%M	0.842

Total Length: 150.00 ft Total Volume: 2.105 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

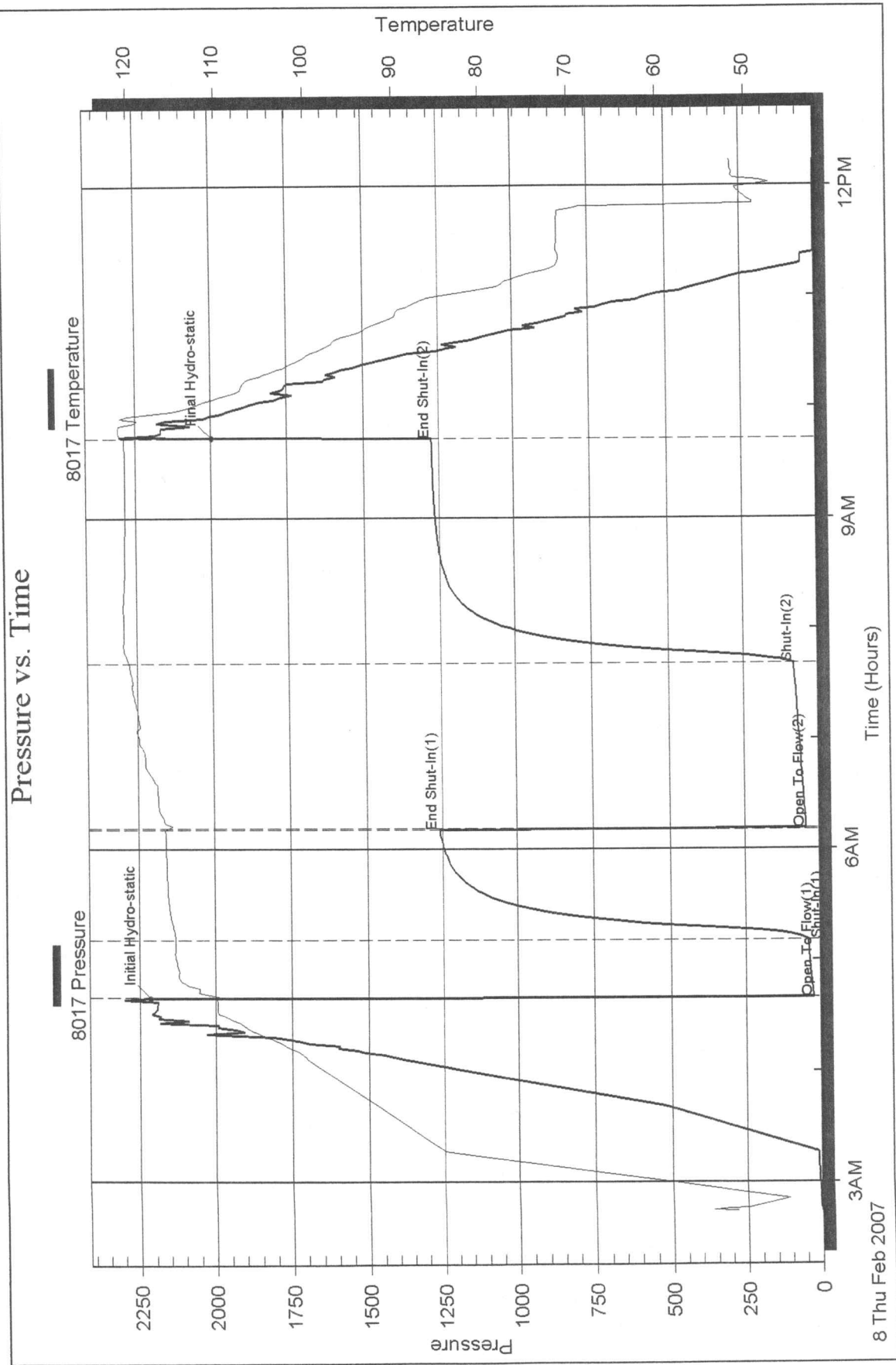
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API; 37 @ 40 degrees F = 39.

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N Main Ste 801
Wichita KS 67202

ATTN:

19 19 25W Ness KS

Wyrill Farms #1-19

Start Date: 2007.02.08 @ 20:53:00

End Date: 2007.02.09 @ 05:14:45

Job Ticket #: 26480 DST #: 3

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



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DRILL STEM TEST REPORT

Abercrombie Energy LLC

150 N Main Ste 801
Wichita KS 67202

ATTN:

Wyrill Farms #1-19

19 19 25W Ness KS

Job Ticket: 26480

DST#: 3

Test Start: 2007.02.08 @ 20:53:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:26:00

Time Test Ended: 05:14:45

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: **4538.00 ft (KB) To 4547.00 ft (KB) (TVD)**

Total Depth: 4547.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2569.00 ft (KB)

2564.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8017 Inside

Press@RunDepth: 298.97 psig @ 4540.00 ft (KB)

Start Date: 2007.02.08

End Date:

2007.02.09

Start Time: 20:53:01

End Time:

05:14:45

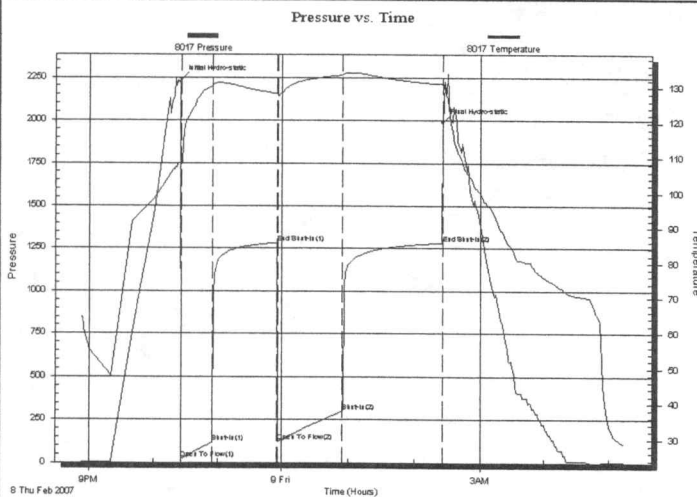
Capacity: 7000.00 psig

Last Calib.: 2007.02.09

Time On Btm: 2007.02.08 @ 22:25:30

Time Off Btm: 2007.02.09 @ 02:25:45

TEST COMMENT: IF 1/2 " blow built to BOB @ 9 min.
ISI Surface return built to 3 1/2 " receded to 1 "
FF 1 " blow built to BOB @ 11 min.
FSI Surface return died @ 5 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2236.56	108.40	Initial Hydro-static
1	23.98	108.05	Open To Flow(1)
30	117.66	130.30	Shut-In(1)
90	1282.27	128.23	End Shut-In(1)
91	121.43	127.59	Open To Flow(2)
150	298.97	133.48	Shut-In(2)
240	1281.67	130.93	End Shut-In(2)
241	1987.52	131.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
434.00	GO 40%G 60%O	6.09
186.00	OG 30%O 70%G	2.61
124.00	GMCO 5%G 10%M 85%O	1.74
62.00	GMCO 25%G 25%M 50%O	0.87

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

Wyrill Farms #1-19

150 N Main Ste 801
Wichita KS 67202

19 19 25W Ness KS

Job Ticket: 26480

DST#: 3

ATTN:

Test Start: 2007.02.08 @ 20:53:00

Tool Information

Drill Pipe:	Length: 4521.00 ft	Diameter: 3.80 inches	Volume: 63.42 bbl	Tool Weight: 1600.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 63.42 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	4538.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	9.00 ft			
Tool Length:	30.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4522.00	
Hydraulic tool	5.00			4527.00	
Safety Joint	2.00			4529.00	
Packer	5.00			4534.00	21.00 Bottom Of Top Packer
Packer	4.00			4538.00	
Stubb	1.00			4539.00	
Perforations	1.00			4540.00	
Recorder	0.00	8017	Inside	4540.00	
Perforations	2.00			4542.00	
Recorder	0.00	13276	Inside	4542.00	
Bullnose	5.00			4547.00	9.00 Bottom Packers & Anchor

Total Tool Length: 30.00



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150 N Main Ste 801
Wichita KS 67202

ATTN:

Wyrill Farms #1-19

19 19 25W Ness KS

Job Ticket: 26480

DST#: 3

Test Start: 2007.02.08 @ 20:53:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 8.79 in³

Resistivity: 0.00 ohm.m

Salinity: 2500.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

38 deg API

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
434.00	GO 40%G 60%O	6.088
186.00	OG 30%O 70%G	2.609
124.00	GMCO 5%G 10%M 85%O	1.739
62.00	GMCO 25%G 25%M 50%O	0.870

Total Length: 806.00 ft

Total Volume: 11.306 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API; 35 @ 30 degrees F = 38.

Pressure vs. Time

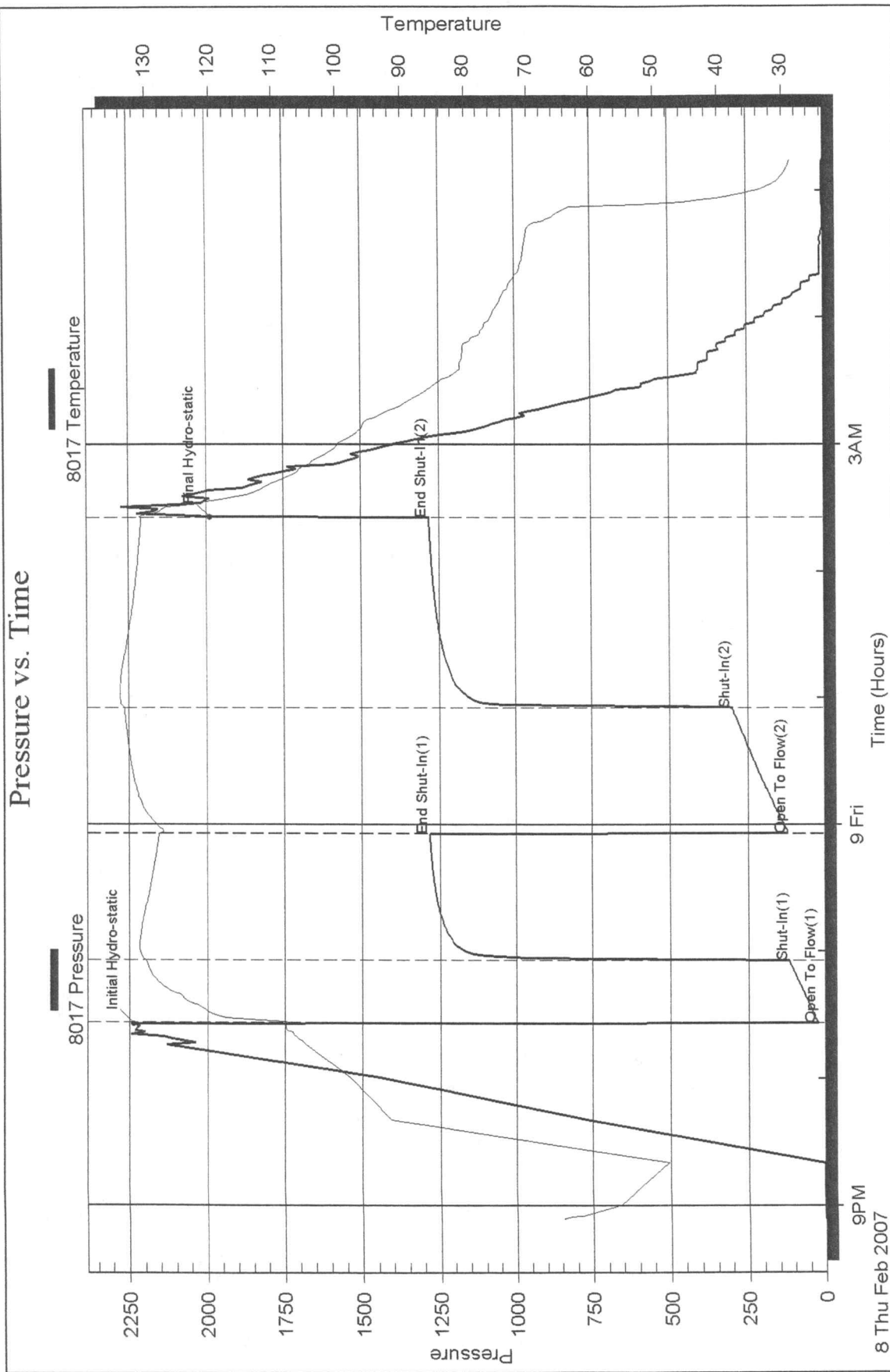


CHART PAGE

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

Abercrombie Energy Wyrill Farm 4-19 26479 DST#1

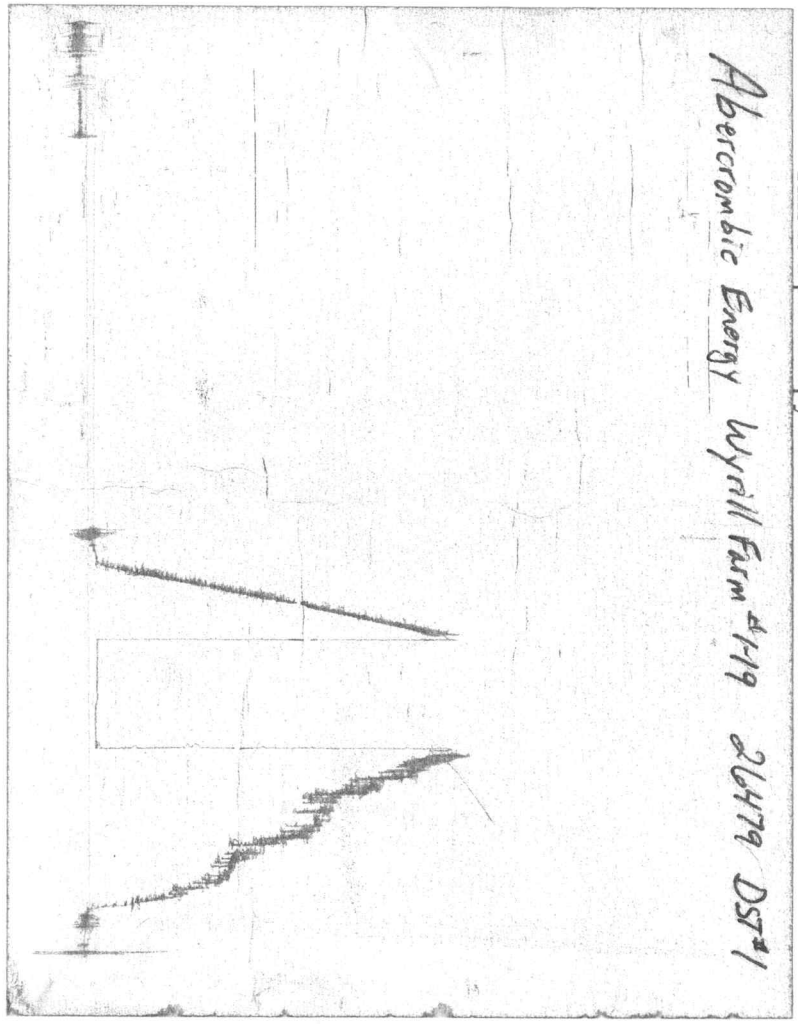


CHART PAGE

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

Abercrombie Energy Wyrill Farms #1-19 2647A DST#2

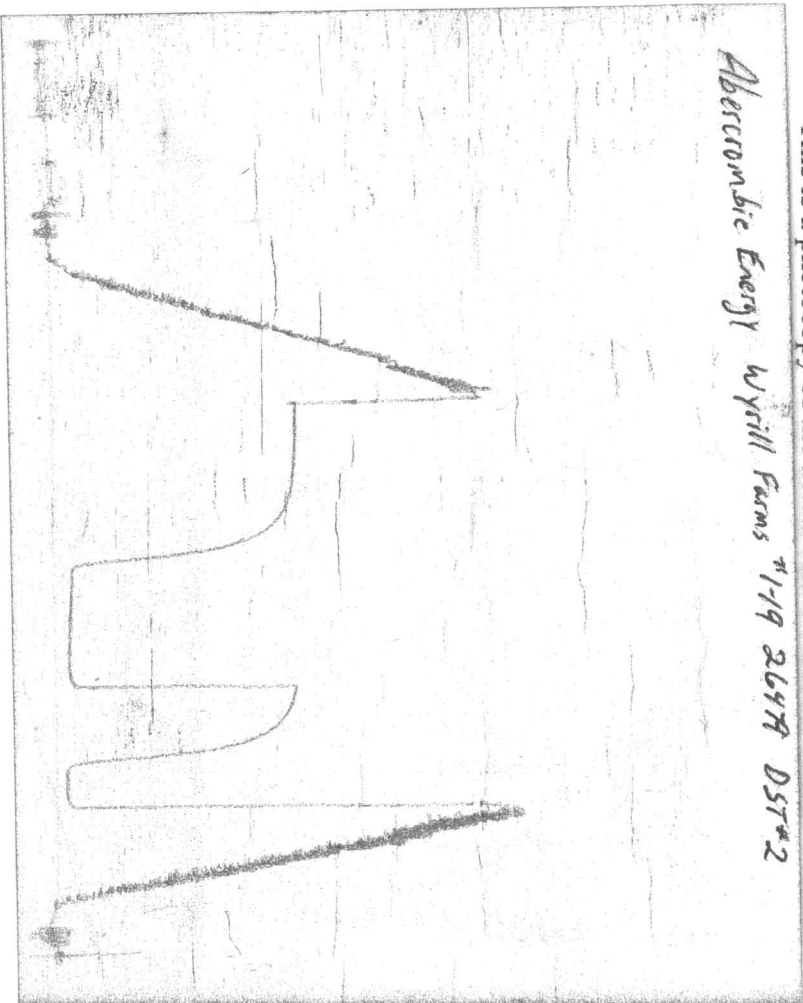


CHART PAGE

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

Abercrombie Energy Wyrill Farms #1-19 26480 DST#3

