

DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

PO Box 150
Bogue KS 67625

ATTN: Mike Davignon

7 7 20 Rooks KS

Loeffler #5

Start Date: 2007.05.12 @ 05:45:29

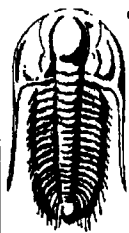
End Date: 2007.05.12 @ 13:15:49

Job Ticket #: 28095 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

Blake Exploration

PO Box 150
Bogue KS 67625

ATTN: Mike Davignon

Loeffler #5

7 7 20 Rooks KS

Job Ticket: 28095

DST#: 1

Test Start: 2007.05.12 @ 05:45:29

GENERAL INFORMATION:

Formation: LKC "A"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:46:49

Time Test Ended: 13:15:49

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 21

Interval: 3350.00 ft (KB) To 3415.00 ft (KB) (TVD)

Total Depth: 3415.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2173.00 ft (KB)

2168.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8320 Inside

Press@RunDepth: 79.70 psig @ 3357.00 ft (KB)

Start Date: 2007.05.12

End Date:

2007.05.12

Capacity: 7000.00 psig

Last Calib.: 2007.05.12

Start Time: 05:45:31

End Time:

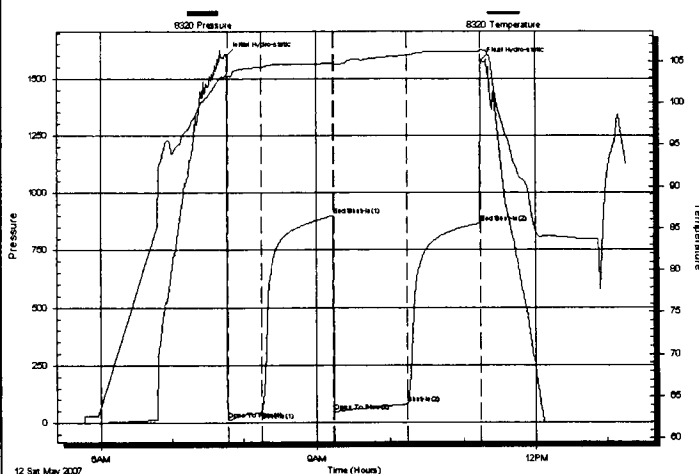
13:15:48

Time On Btm: 2007.05.12 @ 07:46:29

Time Off Btm: 2007.05.12 @ 11:14:48

TEST COMMENT: IFP Weak blow built to 6.5 "
ISI No blow back
FFP Weak surface blow built to 9 "
FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1602.12	103.36	Initial Hydro-static
1	11.79	103.13	Open To Flow (1)
29	45.09	104.29	Shut-In(1)
88	900.89	104.72	End Shut-In(1)
89	46.31	104.67	Open To Flow (2)
148	79.70	105.74	Shut-In(2)
208	866.80	106.16	End Shut-In(2)
209	1575.92	106.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	CO	0.01
148.00	HOCM 40%O 60%M	1.84

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

Loeffler #5

PO Box 150
Bogue KS 67625

7 7 20 Rooks KS

Job Ticket: 28095

DST#: 1

ATTN: Mike Davignon

Test Start: 2007.05.12 @ 05:45:29

Tool Information

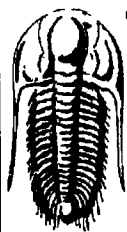
Drill Pipe:	Length: 3295.00 ft	Diameter: 3.82 inches	Volume: 46.71 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	55000.00 lb
			Total Volume: 46.86 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	3350.00 ft			Final	48000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	65.00 ft				
Tool Length:	112.00 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			3304.00	
Shut In Tool	5.00			3309.00	
Telemetry tool	26.00			3335.00	
Hydraulic tool	5.00			3340.00	
Packer	5.00			3345.00	47.00 Bottom Of Top Packer
Packer	5.00			3350.00	
Stubb	1.00			3351.00	
Perforations	5.00			3356.00	
Change Over Sub	1.00			3357.00	
Recorder	0.00	8320	Inside	3357.00	
Blank Spacing	30.00			3387.00	
Change Over Sub	1.00			3388.00	
Perforations	24.00			3412.00	
Recorder	0.00	13401	Inside	3412.00	
Bullnose	3.00			3415.00	65.00 Bottom Packers & Anchor

Total Tool Length: 112.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

Loeffler #5

PO Box 150
Bogue KS 67625

7 7 20 Rooks KS

Job Ticket: 28095

DST#: 1

ATTN: Mike Davignon

Test Start: 2007.05.12 @ 05:45:29

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 69.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	CO	0.010
148.00	HOCM 40%O 60%M	1.839

Total Length: 150.00 ft

Total Volume: 1.849 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

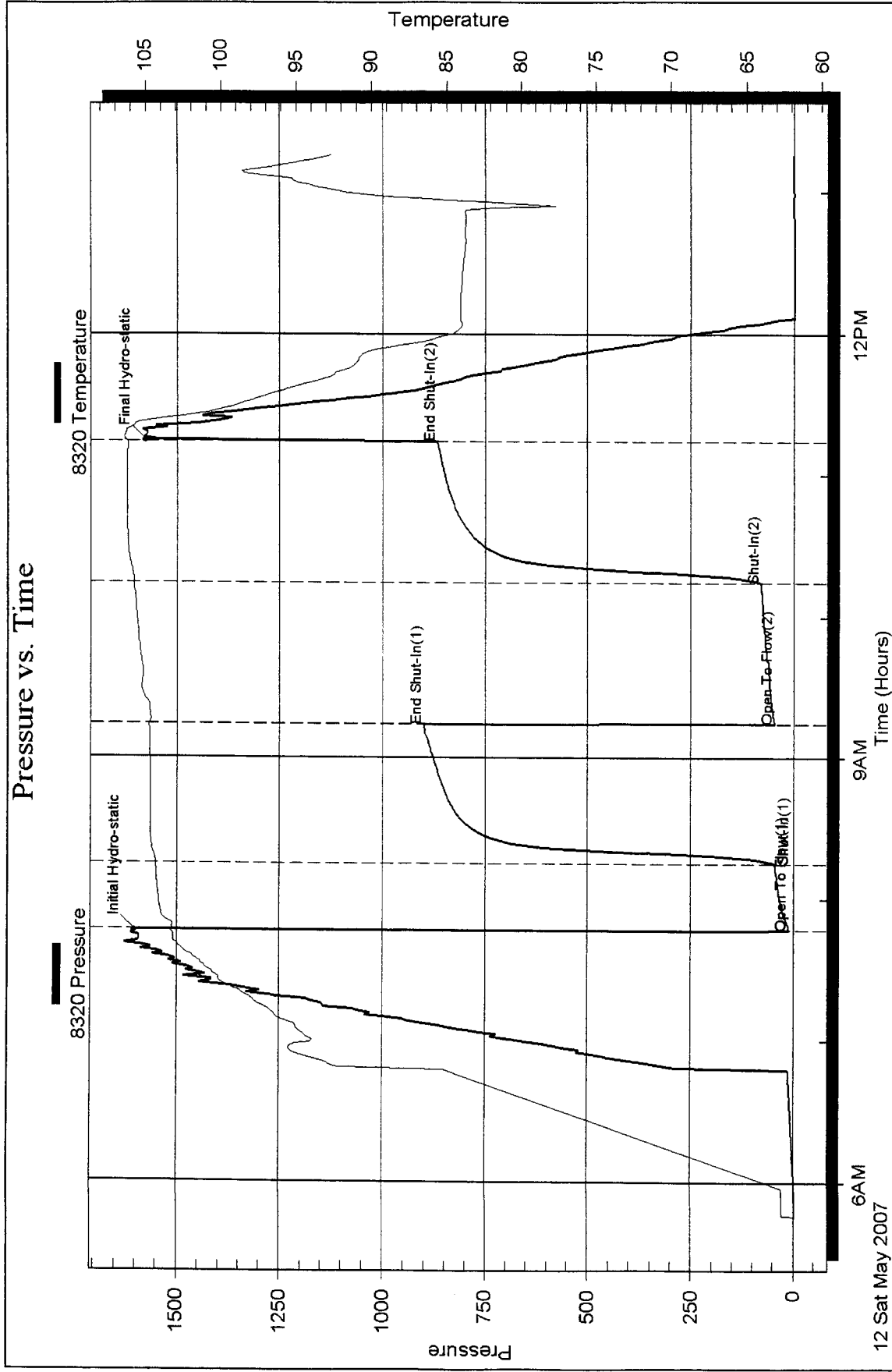
Serial #:

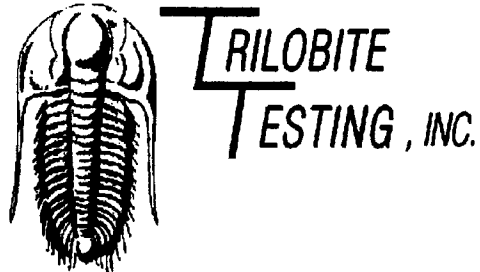
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

PO Box 150
Bogue KS 67625

ATTN: Mike Davignon

7 7 20 Rooks KS

Loeffler #5

Start Date: 2007.05.12 @ 19:00:00

End Date: 2007.05.13 @ 01:32:20

Job Ticket #: 28096 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

Blake Exploration

PO Box 150
Bogue KS 67625

ATTN: Mike Davignon

Loeffler #5

7 7 20 Rooks KS

Job Ticket: 28096

DST#: 2

Test Start: 2007.05.12 @ 19:00:00

GENERAL INFORMATION:

Formation: **LKC"C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:00:10

Time Test Ended: 01:32:20

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 21

Interval: **3417.00 ft (KB) To 3447.00 ft (KB) (TVD)**

Total Depth: 3447.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2173.00 ft (KB)

2168.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8320

Inside

Press@RunDepth: 22.49 psig @ 3425.00 ft (KB)

Start Date: 2007.05.12

End Date:

2007.05.13

Capacity: 7000.00 psig

Last Calib.: 2007.05.13

Start Time: 19:00:02

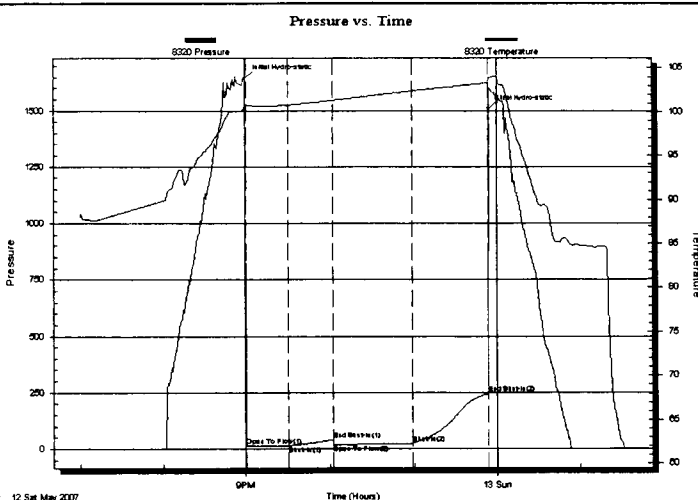
End Time:

01:32:19

Time On Btm: 2007.05.12 @ 21:00:00

Time Off Btm: 2007.05.12 @ 23:53:49

TEST COMMENT: IFP Weak surface blow built to 1/2 "
ISI No blow back
FFP Weak surface blow built to 1.5 "
FSI No blow back



PRESSURE SUMMARY

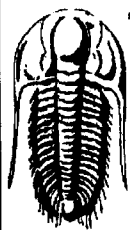
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1645.57	100.74	Initial Hydro-static
1	11.86	100.09	Open To Flow (1)
30	13.80	100.78	Shut-In(1)
62	40.16	101.33	End Shut-In(1)
63	15.97	101.32	Open To Flow (2)
119	22.49	102.39	Shut-In(2)
174	243.23	103.31	End Shut-In(2)
174	1508.39	103.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	MCO 50%O 50%M	0.07
15.00	MO 80%O 20%M	0.07

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

Loeffler #5

PO Box 150
Bogue KS 67625

7 7 20 Rooks KS

Job Ticket: 28096

DST#: 2

ATTN: Mike Davignon

Test Start: 2007.05.12 @ 19:00:00

Tool Information

Drill Pipe:	Length: 3358.00 ft	Diameter: 3.82 inches	Volume: 47.60 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 47.75 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3417.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	77.00 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			3371.00	
Shut In Tool	5.00			3376.00	
Telemetry tool	26.00			3402.00	
Hydraulic tool	5.00			3407.00	
Packer	5.00			3412.00	47.00 Bottom Of Top Packer
Packer	5.00			3417.00	
Stubb	1.00			3418.00	
Perforations	7.00			3425.00	
Recorder	0.00	8320	Inside	3425.00	
Perforations	19.00			3444.00	
Recorder	0.00	13401	Inside	3444.00	
Bullnose	3.00			3447.00	30.00 Bottom Packers & Anchor

Total Tool Length: 77.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

Loeffler #5

PO Box 150
Bogue KS 67625

7 7 20 Rooks KS

Job Ticket: 28096

DST#: 2

ATTN: Mike Davignon

Test Start: 2007.05.12 @ 19:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	MCO 50%O 50%M	0.074
15.00	MO 80%O 20%M	0.074

Total Length: 30.00 ft

Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

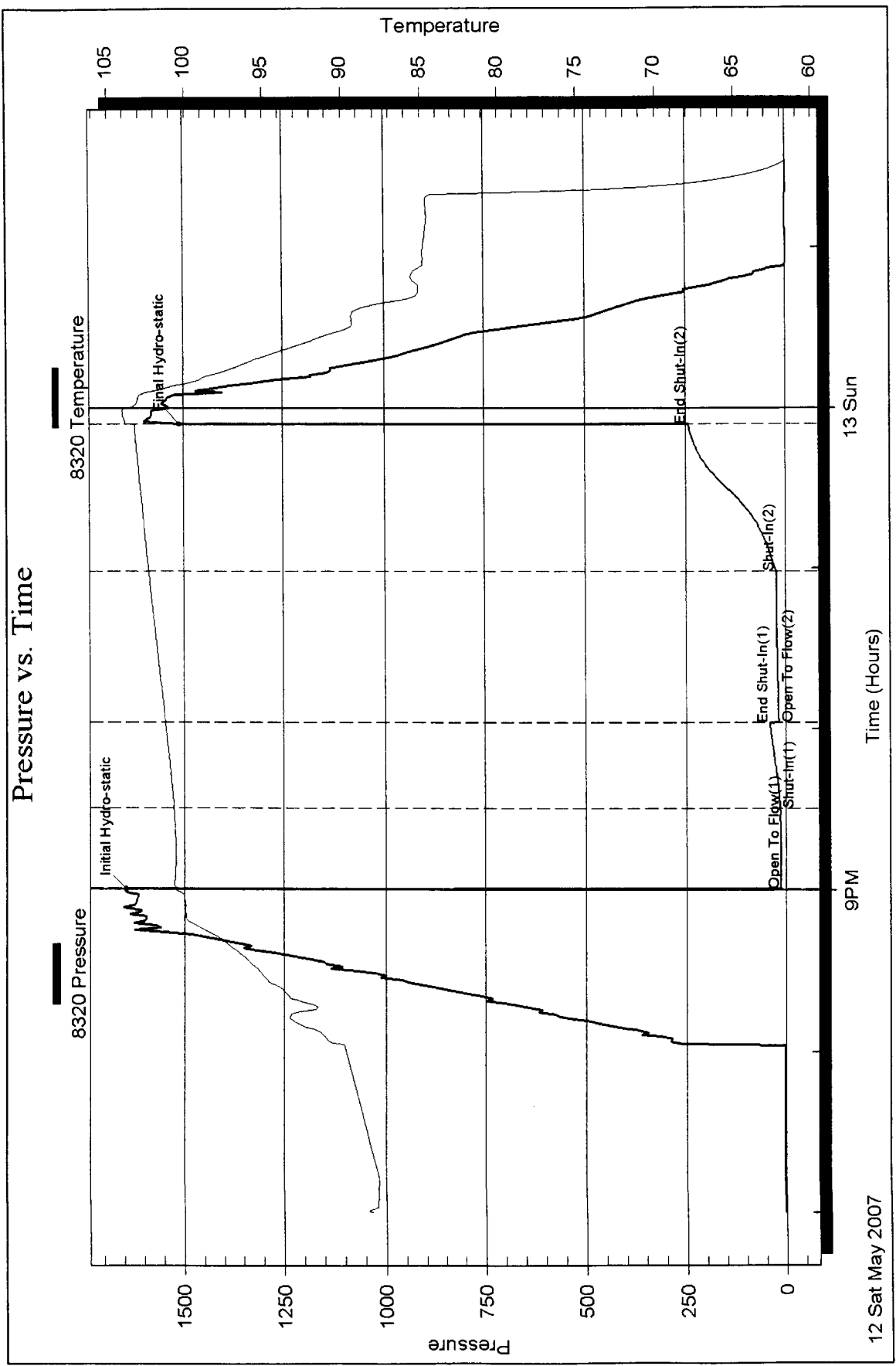
Serial #:

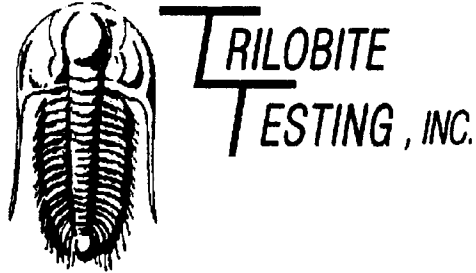
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

PO Box 150
Bogue KS 67625

ATTN: Mike Davignon

7 7 20 Rooks KS

Loeffler #5

Start Date: 2007.05.13 @ 08:11:14

End Date: 2007.05.13 @ 12:50:14

Job Ticket #: 28097 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

Blake Exploration

PO Box 150
Bogue KS 67625

ATTN: Mike Davignon

Loeffler #5

7 7 20 Rooks KS

Job Ticket: 28097

DST#: 3

Test Start: 2007.05.13 @ 08:11:14

GENERAL INFORMATION:

Formation: LKC"D"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:12:14

Time Test Ended: 12:50:14

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 21

Interval: 3450.00 ft (KB) To 3470.00 ft (KB) (TVD)

Total Depth: 3470.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2173.00 ft (KB)

2168.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8320

Inside

Press@RunDepth: 9.01 psig @ 3451.00 ft (KB)

Start Date: 2007.05.13

End Date:

2007.05.13

Capacity: 7000.00 psig

Last Calib.: 2007.05.13

Start Time: 08:11:16

End Time:

12:50:14

Time On Btm: 2007.05.13 @ 10:12:04

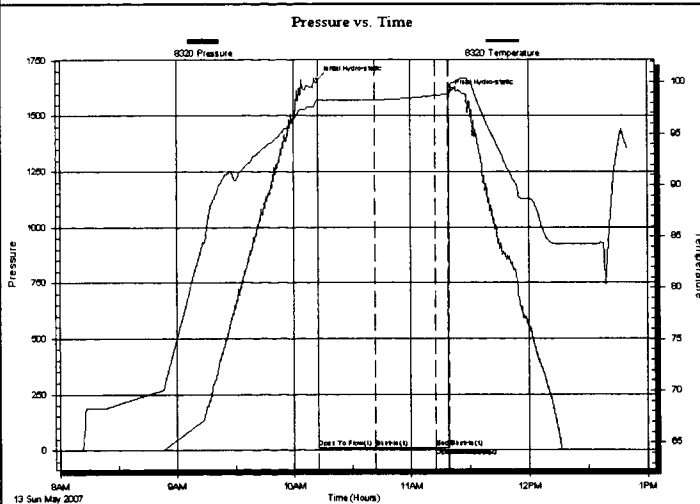
Time Off Btm: 2007.05.13 @ 11:19:54

TEST COMMENT: IFP Weak surface blow died in 14 min

ISI No blow back

FFP No blow pulled tool

FSI



PRESSURE SUMMARY

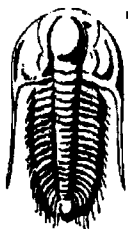
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1664.16	98.25	Initial Hydro-static
1	7.97	97.78	Open To Flow (1)
30	8.11	98.25	Shut-In (1)
61	8.92	98.70	End Shut-In (1)
61	8.92	98.70	Open To Flow (2)
68	9.01	98.83	Shut-In (2)
68	9.04	98.83	End Shut-In (2)
68	1602.24	99.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	SOQM 5% O 95% M	0.01

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

Loeffler #5

PO Box 150
Bogue KS 67625

7 7 20 Rooks KS

Job Ticket: 28097

DST#: 3

ATTN: Mike Davignon

Test Start: 2007.05.13 @ 08:11:14

Tool Information

Drill Pipe:	Length: 3387.00 ft	Diameter: 3.82 inches	Volume: 48.01 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	50000.00 lb
			Total Volume: 48.16 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial	46000.00 lb
Depth to Top Packer:	3450.00 ft			Final	46000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	20.00 ft				
Tool Length:	67.00 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			3404.00	
Shut In Tool	5.00			3409.00	
Telemetry tool	26.00			3435.00	
Hydraulic tool	5.00			3440.00	
Packer	5.00			3445.00	47.00 Bottom Of Top Packer
Packer	5.00			3450.00	
Stubb	1.00			3451.00	
Recorder	0.00	8320	Inside	3451.00	
Perforations	16.00			3467.00	
Recorder	0.00	13401	Inside	3467.00	
Bullnose	3.00			3470.00	20.00 Bottom Packers & Anchor

Total Tool Length: 67.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

Loeffler #5

PO Box 150
Bogue KS 67625

7 7 20 Rooks KS

Job Ticket: 28097

DST#: 3

ATTN: Mike Davignon

Test Start: 2007.05.13 @ 08:11:14

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 6.79 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:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	SOCM 5%O 95%M	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8320

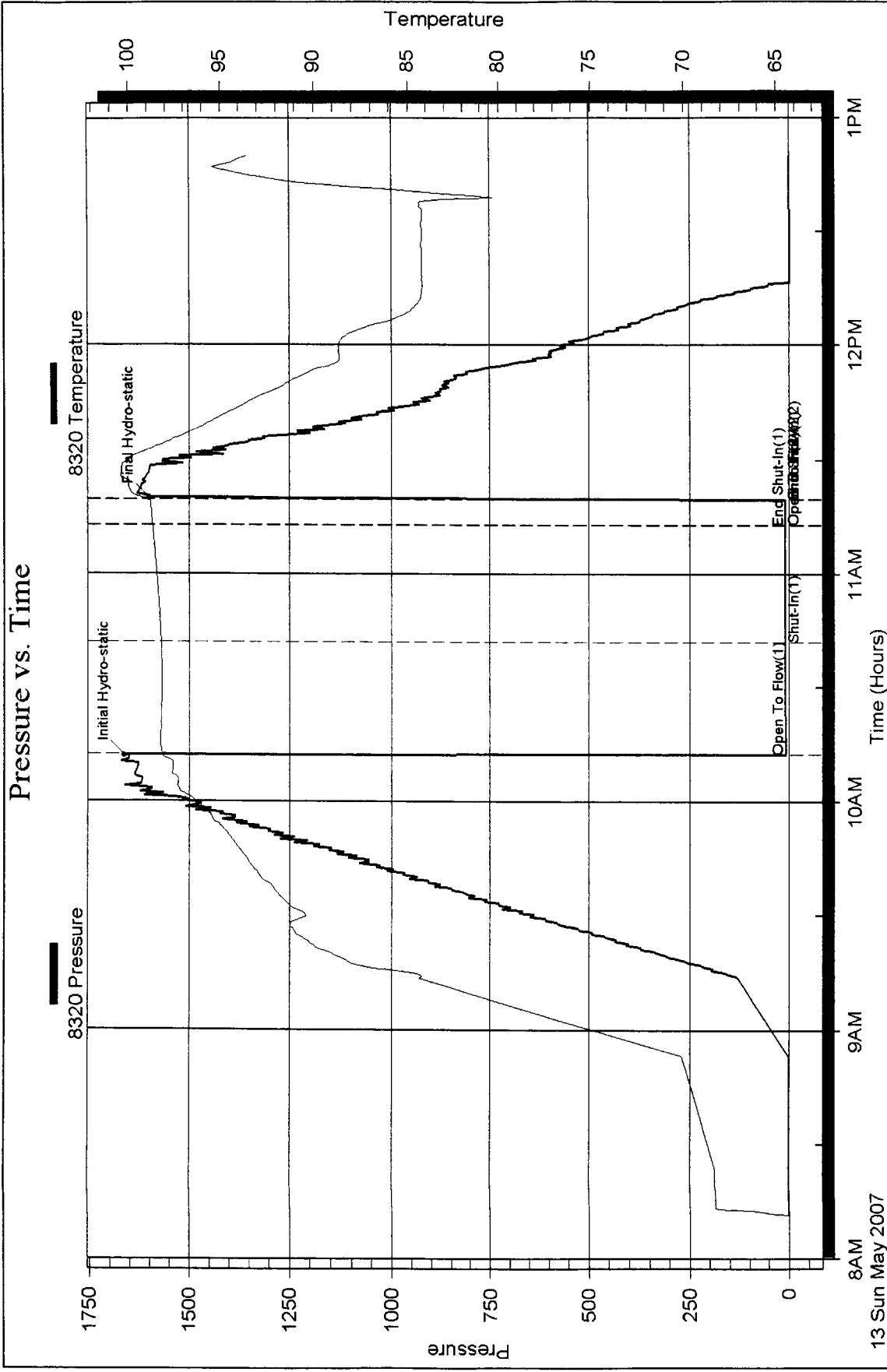
Inside

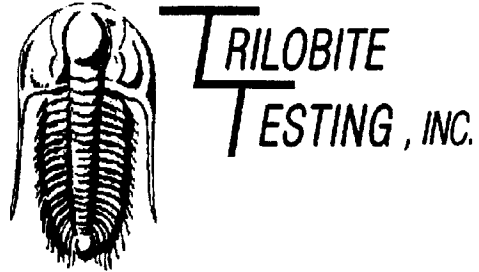
Blake Exploration

7 7 20 Rocks KS

DST Test Number: 3

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

PO Box 150
Bogue KS 67625

ATTN: Mike Davignon

7 7 20 Rooks KS

Loeffler #5

Start Date: 2007.05.14 @ 01:41:03

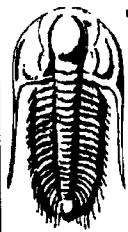
End Date: 2007.05.14 @ 09:17:03

Job Ticket #: 28098 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

Blake Exploration

PO Box 150
Bogue KS 67625

ATTN: Mike Davignon

Loeffler #5

7 7 20 Rooks KS

Job Ticket: 28098

DST#: 4

Test Start: 2007.05.14 @ 01:41:03

GENERAL INFORMATION:

Formation: LKC "I-L"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:37:23

Time Test Ended: 09:17:03

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 21

Interval: 3540.00 ft (KB) To 3600.00 ft (KB) (TVD)

Total Depth: 3600.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2173.00 ft (KB)

2168.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8320

Inside

Press@RunDepth: 135.39 psig @ 3544.00 ft (KB)

Start Date: 2007.05.14

End Date:

2007.05.14

Start Time: 01:41:05

End Time:

09:17:03

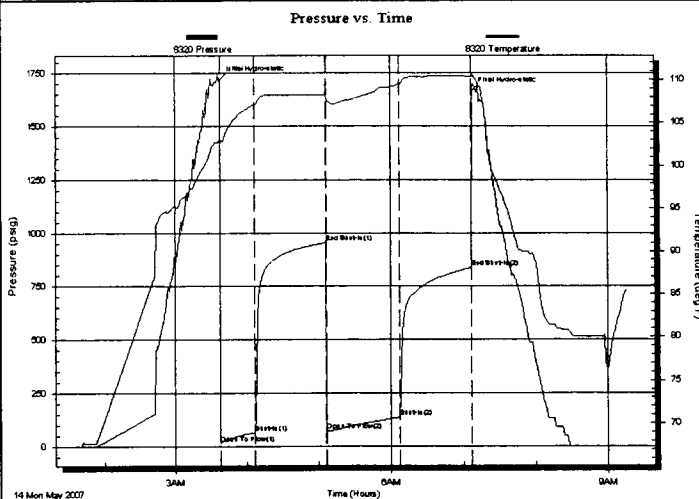
Capacity: 7000.00 psig

Last Calib.: 2007.05.14

Time On Btm: 2007.05.14 @ 03:37:13

Time Off Btm: 2007.05.14 @ 07:07:13

TEST COMMENT: IFP BOB in 8 min
ISI Blow back built to 1.5 " blew throughout
FFP BOB in 7 min
FSI Blow back built to 1.5 " died to 1 "



PRESSURE SUMMARY

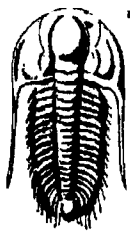
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1721.66	102.98	Initial Hydro-static
1	15.03	102.50	Open To Flow (1)
30	64.88	107.04	Shut-In (1)
89	954.09	108.20	End Shut-In (1)
90	71.52	108.01	Open To Flow (2)
150	135.39	109.45	Shut-In (2)
210	835.54	110.38	End Shut-In (2)
210	1663.38	110.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	MO 85%O 15%M	2.27
155.00	GCO 10%G 90%O	2.20
0.00	600' GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

Loeffler #5

PO Box 150
Bogue KS 67625

7 7 20 Rooks KS

Job Ticket: 28098

DST#: 4

ATTN: Mike Davignon

Test Start: 2007.05.14 @ 01:41:03

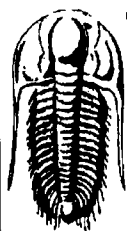
Tool Information

Drill Pipe:	Length: 3512.00 ft	Diameter: 3.82 inches	Volume: 49.78 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	50000.00 lb
			Total Volume: 49.93 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial	46000.00 lb
Depth to Top Packer:	3540.00 ft			Final	49000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	60.00 ft				
Tool Length:	81.00 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			3520.00	
Shut In Tool	5.00			3525.00	
Hydraulic tool	5.00			3530.00	
Packer	5.00			3535.00	21.00 Bottom Of Top Packer
Packer	5.00			3540.00	
Stubb	1.00			3541.00	
Perforations	2.00			3543.00	
Change Over Sub	1.00			3544.00	
Recorder	0.00	8320	Inside	3544.00	
Blank Spacing	31.00			3575.00	
Change Over Sub	1.00			3576.00	
Perforations	21.00			3597.00	
Recorder	0.00	13401	Inside	3597.00	
Bullnose	3.00			3600.00	60.00 Bottom Packers & Anchor

Total Tool Length: 81.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

Loeffler #5

PO Box 150
Bogue KS 67625

7 7 20 Rooks KS

Job Ticket: 28098

DST#: 4

ATTN: Mike Davignon

Test Start: 2007.05.14 @ 01:41:03

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.79 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
180.00	MO 85%O 15%M	2.274
155.00	GCO 10%G 90%O	2.197
0.00	600' GIP	0.000

Total Length: 335.00 ft

Total Volume: 4.471 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8320

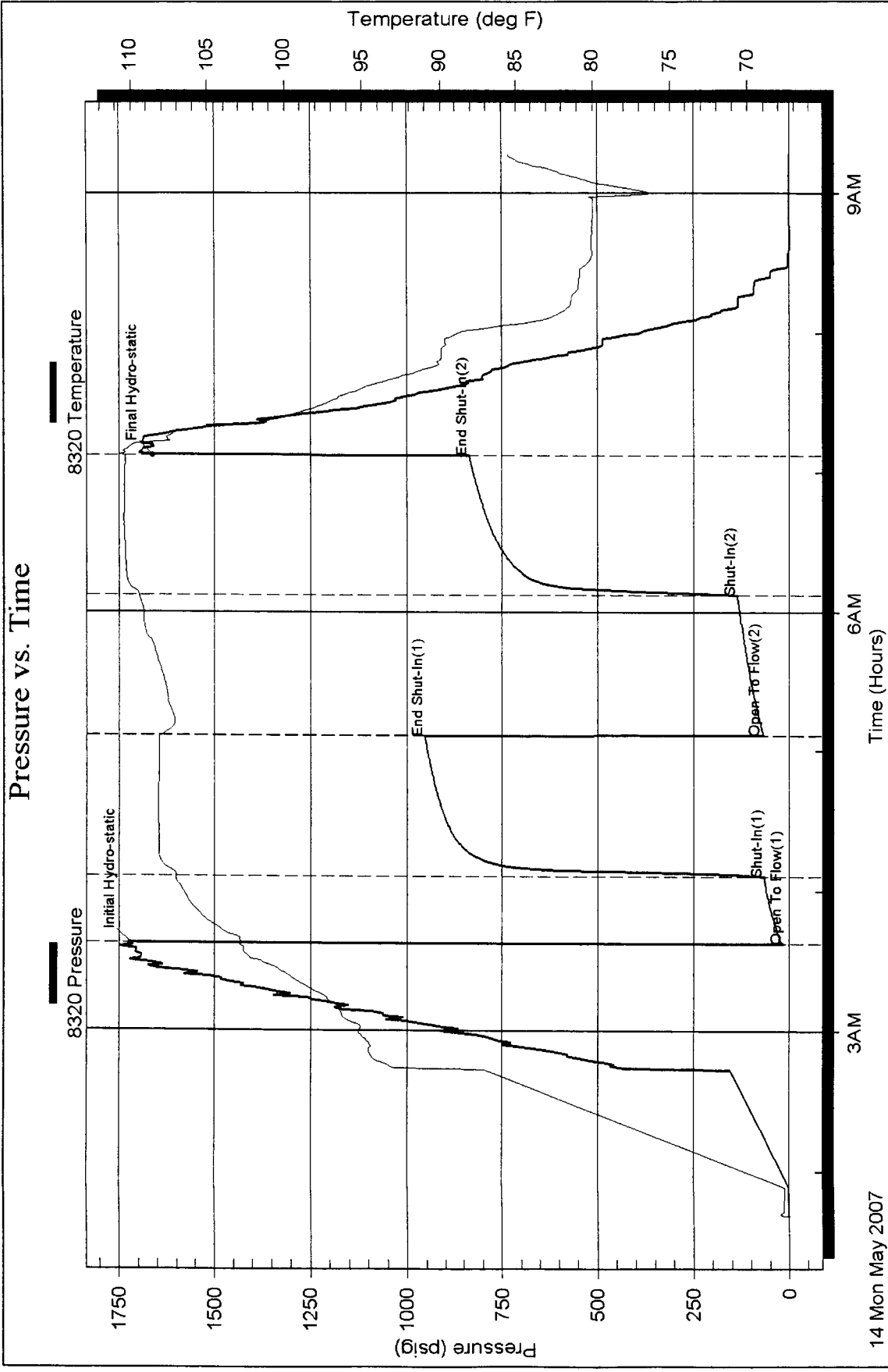
Inside

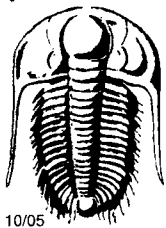
Blake Exploration

7 7 20 Rooks KS

DST Test Number: 4

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

28095

10162

Test Ticket

Well Name & No. <u>Loecker #5</u>	Test No. <u>1</u>	Date <u>5-12-07</u>
Company <u>Blake Exploration</u>	Zone Tested <u>LKC "A"</u>	
Address <u>Box 150 Bogard, KS</u>	Elevation <u>2173</u>	KB <u>2168</u> GL
Co. Rep / Geo. <u>Mike Davignon</u>	Rig <u>Murfin #16</u>	
Location: Sec. <u>7</u> Twp. <u>7S</u> Rge. <u>20W</u>	Co. <u>Rooks</u>	State <u>KS</u>
Comment: _____		Release date / time: _____

Interval Tested <u>3350 - 3415</u>	Initial Str Wt./Lbs. <u>48000</u>	Unseated Str Wt./Lbs. <u>48000</u>
Anchor Length <u>65</u>	Wt. Set Lbs. <u>25000</u>	Wt. Pulled Loose/Lbs. <u>55000</u>
Top Packer Depth <u>3345</u>	Tool Weight <u>2500</u>	
Bottom Packer Depth <u>3350</u>	Hole Size 7 7/8" <u>—</u>	Rubber Size 6 3/4" <u>—</u>
Total Depth <u>3415</u>	Wt. Pipe Run <u>—</u>	Drill Collar Run <u>30</u>
Mud Wt. <u>8.7</u> LCM <u>—</u> Vis. <u>69</u> WL <u>6.8</u>	Drill Pipe Size <u>4 1/2 X H</u>	Ft. Run <u>3295</u>
Blow Description <u>IFP - weak blow built to 6.5"</u>		
<u>ISI - no blow back</u>		
<u>FFP - weak surface blow built to 9"</u>		
<u>FSL - no blow back</u>		

Recovery - Total Feet <u>150</u>	GIP <u>—</u>	Ft. in DC <u>30</u>	Ft. in DP <u>120</u>
Rec. <u>2</u> Feet of <u>CO</u>	%gas <u>—</u>	%oil <u>—</u>	%water <u>—</u> %mud <u>—</u>
Rec. <u>148</u> Feet of <u>HOCM</u>	%gas <u>40</u>	%oil <u>—</u>	%water <u>60</u> %mud <u>—</u>
Rec. <u>—</u> Feet of <u>—</u>	%gas <u>—</u>	%oil <u>—</u>	%water <u>—</u> %mud <u>—</u>
Rec. <u>—</u> Feet of <u>—</u>	%gas <u>—</u>	%oil <u>—</u>	%water <u>—</u> %mud <u>—</u>
Rec. <u>—</u> Feet of <u>—</u>	%gas <u>—</u>	%oil <u>—</u>	%water <u>—</u> %mud <u>—</u>
BHT <u>106</u> °F Gravity <u>35</u>	°API D @ <u>90</u>	°F Corrected Gravity <u>38</u>	°API <u>—</u>
RW <u>—</u> @ <u>—</u> °F	Chlorides <u>—</u> ppm Recovery <u>—</u>	Chlorides <u>1000</u> ppm System	

	AK-1	Alpine	
(A) Initial Hydrostatic Mud	<u>1601</u>	PSI	Recorder No. <u>8320</u> Test <u>X</u> <u>1100.9</u>
(B) First Initial Flow Pressure	<u>12</u>	PSI	(depth) <u>3357</u> Jars <u>—</u>
(C) First Final Flow Pressure	<u>45</u>	PSI	Recorder No. <u>13401</u> Safety Jt. <u>—</u>
(D) Initial Shut-In Pressure	<u>901</u>	PSI	(depth) <u>3412</u> Circ Sub <u>—</u>
(E) Second Initial Flow Pressure	<u>46</u>	PSI	Recorder No. <u>—</u> Sampler <u>—</u>
(F) Second Final Flow Pressure	<u>80</u>	PSI	(depth) <u>—</u> Straddle <u>—</u>
(G) Final Shut-In Pressure	<u>867</u>	PSI	Initial Opening <u>30</u> Ext. Packer <u>—</u>
(Q) Final Hydrostatic Mud	<u>1572</u>	PSI	Initial Shut-In <u>40</u> Shale Packer <u>—</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 _____

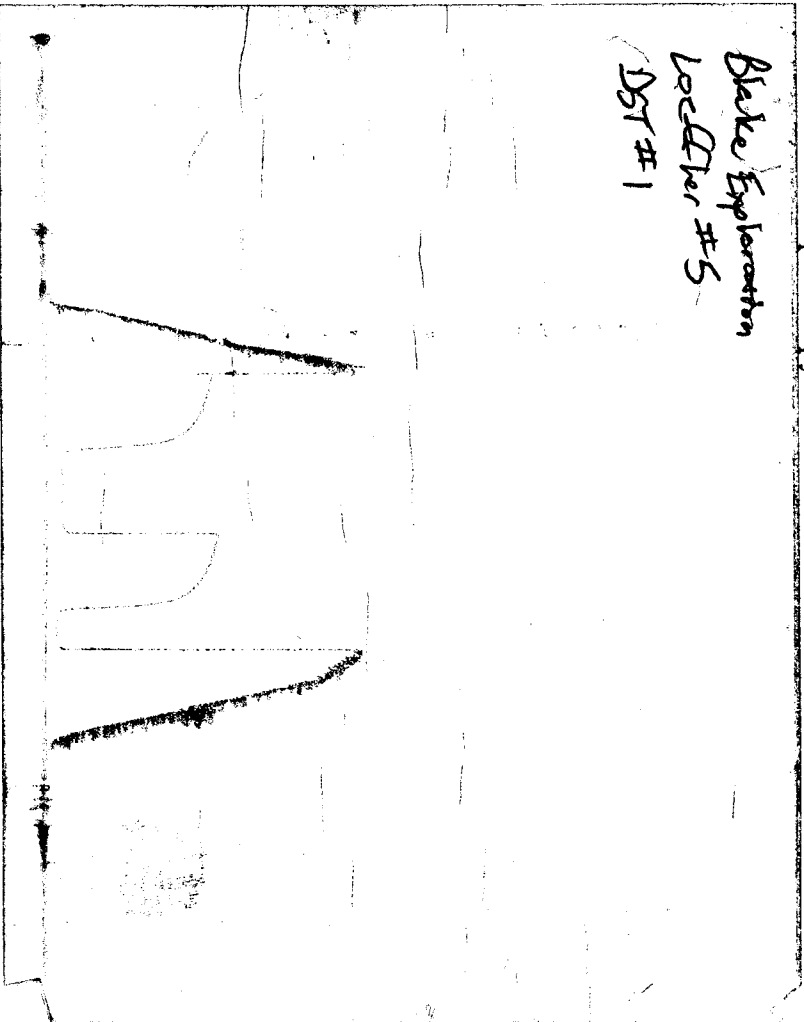
Our Representative By JHP

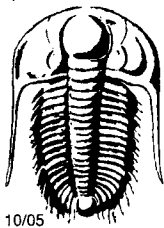
Final Flow	<u>60</u>	Ruined Packer	<u>—</u>
Final Shut-In	<u>60</u>	Mileage <u>150</u> <u>1200</u>	
T-On Location	<u>5:15</u>	Sub Total:	<u>1250</u>
T-Started	<u>5:45</u>	Std. By	<u>—</u>
T-Open	<u>7:46</u>	Acc. Chg:	<u>—</u>
T-Pulled	<u>11:16</u>	Other:	<u>—</u>
T-Out	<u>13:15</u>	Total:	<u>—</u>

CHART PAGE

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

Bleke Exploration
Loc Q161 #5
DST #1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

28096

Test Ticket

Well Name & No. <u>Loeffler #5</u>	Test No. <u>2</u>	Date <u>5-12-07</u>
Company <u>Blake Exploration</u>	Zone Tested <u>LKC "C"</u>	
Address <u>Box 150 Bogue, KS 67625</u>	Elevation <u>2173</u>	KB <u>2168</u> GL
Co. Rep / Geo. <u>Mike Davidson</u>	Rig <u>Murfin #16</u>	
Location: Sec. <u>7</u> Twp. <u>7 S</u> Rge. <u>20 W</u>	Co. <u>Rooks</u>	State <u>KS</u>
Comment: _____		Release date / time: _____

Interval Tested <u>3417 - 3447</u>	Initial Str Wt./Lbs. <u>46000</u>	Unseated Str Wt./Lbs. <u>46000</u>
Anchor Length <u>30</u>	Wt. Set Lbs. <u>25000</u>	Wt. Pulled Loose/Lbs. <u>60000</u>
Top Packer Depth <u>3412</u>	Tool Weight <u>2500</u>	
Bottom Packer Depth <u>3417</u>	Hole Size <u>7 7/8"</u>	Rubber Size <u>6 3/4"</u>
Total Depth <u>3447</u>	Wt. Pipe Run _____	Drill Collar Run <u>30</u>
Mud Wt. <u>9.0</u> LCM <u>-</u> Vis. <u>47</u> WL <u>7.2</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3358</u>
Blow Description <u>IFP - weak surface blow built to 1/2"</u>		
<u>ISI - no blow back</u>		
<u>FFP - weak surface blow built to 1.5"</u>		
<u>FSI - no blow back</u>		

Recovery - Total Feet <u>30</u>	GIP _____	Ft. in DC <u>30</u>	Ft. in DP _____
Rec. <u>15</u> Feet of <u>mo</u>	%gas <u>80</u> %oil <u>20</u> %water <u>20</u> %mud		
Rec. <u>15</u> Feet of <u>mco</u>	%gas <u>50</u> %oil <u>50</u> %water <u>50</u> %mud		
Rec. _____ Feet of _____	%gas _____ %oil _____ %water _____ %mud		
Rec. _____ Feet of _____	%gas _____ %oil _____ %water _____ %mud		
Rec. _____ Feet of _____	%gas _____ %oil _____ %water _____ %mud		
BHT <u>103</u> °F Gravity <u>36</u> °API D @ <u>60</u> °F Corrected Gravity <u>36</u> °API			
RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides <u>1000</u> ppm System			

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>1646</u>	PSI	Recorder No. <u>8320</u>	Test <u>X</u>	<u>1100</u>
(B) First Initial Flow Pressure	<u>12</u>	PSI	(depth) <u>3425</u>	Jars _____	
(C) First Final Flow Pressure	<u>14</u>	PSI	Recorder No. <u>13401</u>	Safety Jt. _____	
(D) Initial Shut-In Pressure	<u>40</u>	PSI	(depth) <u>3444</u>	Circ Sub _____	
(E) Second Initial Flow Pressure	<u>16</u>	PSI	Recorder No. _____	Sampler _____	
(F) Second Final Flow Pressure	<u>22</u>	PSI	(depth) _____	Straddle _____	
(G) Final Shut-In Pressure	<u>243</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____	
(Q) Final Hydrostatic Mud	<u>1585</u>	PSI	Initial Shut-In <u>30</u>	Shale Packer _____	

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 by JHP

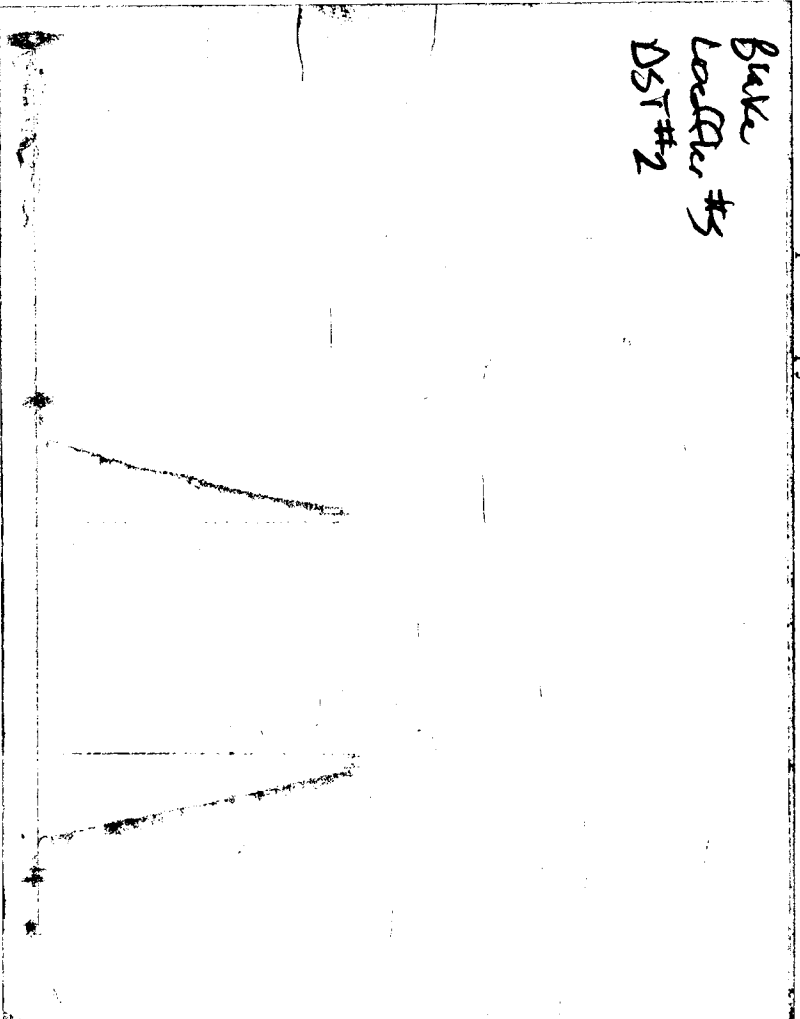
Final Flow <u>60</u>	Mileage <u>X 120 150</u>
Final Shut-In <u>60</u>	Sub Total: <u>1250</u>
T-On Location <u>18:40</u>	Std. By _____
T-Started <u>19:00</u>	Acc. Chg: _____
T-Open <u>21:00</u>	Other: _____
T-Pulled <u>00:00</u>	Total: _____
T-Out <u>1:32</u>	

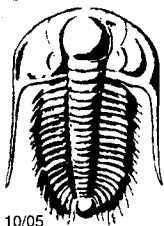
7.5

CHART PAGE

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

Bake
Loc #3
DST #2





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

28097

Test Ticket

Well Name & No. <u>Loeffler #5</u>	Test No. <u>3</u>	Date <u>5-13-07</u>
Company <u>Blake</u>	Zone Tested <u>LKC "D"</u>	
Address <u>Box 150 Bogue KS 67625</u>	Elevation <u>2173</u>	KB <u>2168</u> GL
Co. Rep / Geo. <u>Mike Davignon</u>	Rig <u>Murfin #16</u>	
Location: Sec. <u>7</u> Twp. <u>7S</u> Rge. <u>20W</u>	Co. <u>Rooks</u>	State <u>KS</u>
Comment: _____		Release date / time: _____

Interval Tested <u>3450 - 3470</u>	Initial Str Wt./Lbs. <u>46000</u>	Unseated Str Wt./Lbs. <u>46000</u>
Anchor Length <u>20</u>	Wt. Set Lbs. <u>25000</u>	Wt. Pulled Loose/Lbs. <u>50000</u>
Top Packer Depth <u>3445</u>	Tool Weight <u>2500</u>	
Bottom Packer Depth <u>3450</u>	Hole Size <u>7 7/8"</u>	Rubber Size <u>6 3/4"</u>
Total Depth <u>3470</u>	Wt. Pipe Run <u>—</u>	Drill Collar Run <u>30</u>
Mud Wt. <u>9.0</u> LCM <u>—</u> Vis. <u>52</u> WL <u>6.8</u>	Drill Pipe Size <u>4 1/2 X H</u>	Ft. Run <u>3387</u>
Blow Description <u>IFP - Weak surface blow died in 14 min</u>		
<u>ISI - no blow back</u>		
<u>FFP - no blow - pulled test</u>		
<u>FSI</u>		

Recovery - Total Feet <u>2</u>	GIP <u>—</u>	Ft. in DC <u>2</u>	Ft. in DP <u>—</u>
Rec. <u>2</u>	Feet of <u>50cm</u>	%gas <u>5</u>	%oil <u>—</u> %water <u>95</u> %mud <u>—</u>
Rec. <u>—</u>	Feet of <u>—</u>	%gas <u>—</u>	%oil <u>—</u> %water <u>—</u> %mud <u>—</u>
Rec. <u>—</u>	Feet of <u>—</u>	%gas <u>—</u>	%oil <u>—</u> %water <u>—</u> %mud <u>—</u>
Rec. <u>—</u>	Feet of <u>—</u>	%gas <u>—</u>	%oil <u>—</u> %water <u>—</u> %mud <u>—</u>
Rec. <u>—</u>	Feet of <u>—</u>	%gas <u>—</u>	%oil <u>—</u> %water <u>—</u> %mud <u>—</u>
BHT <u>99</u>	*F Gravity <u>—</u>	*API D @ <u>—</u>	*F Corrected Gravity <u>—</u> *API <u>—</u>
RW <u>—</u> @ <u>—</u> *F	Chlorides <u>—</u> ppm	Recovery <u>—</u>	Chlorides <u>2000</u> ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>1652</u>	Alpine <u>PSI</u>	Recorder No. <u>8320</u>	Test <u>x</u> <u>1100</u>
(B) First Initial Flow Pressure	<u>8</u>	PSI	(depth) <u>3451</u>	Jars <u>—</u>
(C) First Final Flow Pressure	<u>9</u>	PSI	Recorder No. <u>13401</u>	Safety Jt. <u>—</u>
(D) Initial Shut-In Pressure	<u>9</u>	PSI	(depth) <u>3467</u>	Circ Sub <u>—</u>
(E) Second Initial Flow Pressure	<u>9</u>	PSI	Recorder No. <u>—</u>	Sampler <u>—</u>
(F) Second Final Flow Pressure	<u>9</u>	PSI	(depth) <u>—</u>	Straddle <u>—</u>
(G) Final Shut-In Pressure	<u>9</u>	PSI	Initial Opening <u>30</u>	Ext. Packer <u>—</u>
(Q) Final Hydrostatic Mud	<u>1615</u>	PSI	Initial Shut-In <u>30</u>	Shale Packer <u>—</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.			Final Flow <u>5</u>	Ruined Packer <u>—</u>
			Final Shut-In <u>—</u>	Mileage <u>✓ 120 150</u>
			T-On Location <u>8:10</u>	Sub Total: <u>7250</u>
			T-Started <u>8:11</u>	Std. By <u>—</u>
			T-Open <u>10:12</u>	Acc. Chg: <u>—</u>
			T-Pulled <u>11:20</u>	Other: <u>—</u>
			T-Out <u>12:50</u>	Total: <u>—</u>

Approved By _____

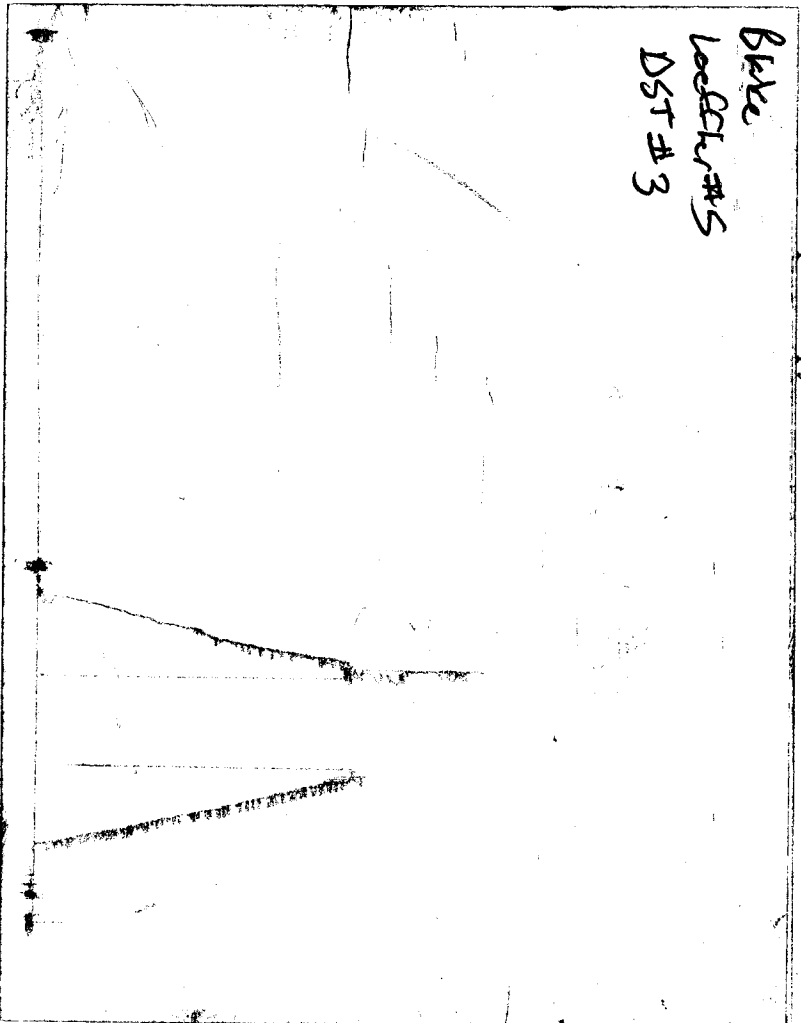
Our Representative by JHP

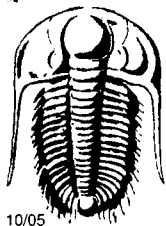
4.75 Ron Telemetry

CHART PAGE

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

Blue
level #5
DST #3





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

28098

Test Ticket

Well Name & No. <u>Loeffler #5</u>	Test No. <u>4</u>	Date <u>5-14-07</u>
Company <u>Blake Exploration</u>	Zone Tested <u>LKC - "I-L"</u>	
Address <u>Box 150 Bogue KS 67625</u>	Elevation <u>2173</u>	KB <u>2168</u> GL
Co. Rep / Geo. <u>Mike Davignon</u>	Rig <u>Murfin #16</u>	
Location: Sec. <u>7</u> Twp. <u>7 S</u> Rge. <u>20 W</u>	Co. <u>Rocks</u>	State <u>KS</u>
Comment: _____		Release date / time: _____

Interval Tested <u>3540 - 3600</u>	Initial Str Wt./Lbs. <u>46000</u>	Unseated Str Wt./Lbs. <u>49000</u>
Anchor Length <u>60</u>	Wt. Set Lbs. <u>25000</u>	Wt. Pulled Loose/Lbs. <u>50000</u>
Top Packer Depth <u>3535</u>	Tool Weight <u>2200</u>	
Bottom Packer Depth <u>3540</u>	Hole Size <u>7 7/8"</u>	Rubber Size <u>6 3/4"</u>
Total Depth <u>3600</u>	Wt. Pipe Run _____	Drill Collar Run <u>30</u>
Mud Wt. <u>9.0</u> LCM <u>—</u> Vis. <u>52</u> WL <u>618</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3512</u>

Blow Description IFP - BOB in 8 min

ISE - blow back built to 1.5"

FFP - BOB in 7 min

ESI blow back built to 1.5"

Recovery - Total Feet <u>335</u>	GIP <u>600</u>	Ft. in DC <u>30</u>	Ft. in DP <u>305</u>
Rec. <u>180</u>	Feet of <u>MO</u>	%gas <u>85</u> %oil	%water <u>15</u> %mud
Rec. <u>155</u>	Feet of <u>GCO</u>	<u>10</u> %gas <u>90</u> %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 <u>110</u>	'F Gravity <u>40</u>	'API D @ <u>70</u>	'F Corrected Gravity <u>39</u> 'API
RW _____ @ _____ 'F	Chlorides _____ ppm	Recovery _____	Chlorides <u>2000</u> ppm System

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>1716</u>	PSI	Recorder No. <u>8320</u>	Test <u>X</u>	<u>1100 G</u>
(B) First Initial Flow Pressure	<u>15</u>	PSI	(depth) <u>3544</u>	Jars _____	
(C) First Final Flow Pressure	<u>45</u>	PSI	Recorder No. <u>13401</u>	Safety Jt. _____	
(D) Initial Shut-In Pressure	<u>954</u>	PSI	(depth) <u>3597</u>	Circ Sub _____	
(E) Second Initial Flow Pressure	<u>72</u>	PSI	Recorder No. _____	Sampler _____	
(F) Second Final Flow Pressure	<u>135</u>	PSI	(depth) _____	Straddle _____	
(G) Final Shut-In Pressure	<u>836</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____	
(Q) Final Hydrostatic Mud	<u>1693</u>	PSI	Initial Shut-In <u>60</u>	Shale Packer _____	
			Final Flow <u>60</u>	Ruined Packer _____	
			Final Shut-In <u>60</u>	Mileage <u>X</u> <u>120</u> <u>150</u>	
			T-On Location <u>1:30</u>	Sub Total: <u>1250</u>	
			T-Started <u>2:41</u>	Std. By _____	
			T-Open <u>3:37</u>	Acc. Chg: _____	
			T-Pulled <u>7:07</u>	Other: _____	
			T-Out <u>9:17</u>	Total: _____	

Approved By _____

Our Representative [Signature]

CHART PAGE

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

6400
200000/1#5
DST#4

