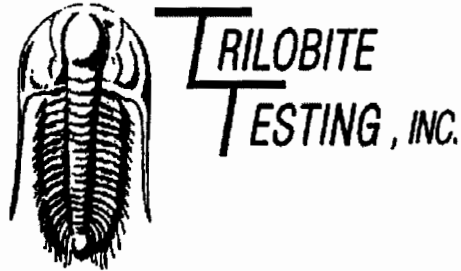


15-109-20761

27-12s-33w



DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

PO Box 150
Bogue KS 67625

ATTN: Mike Davignon

27-12-33 Logan ,Ks

Messerli #1

Start Date: 2006.03.12 @ 10:50:49

End Date: 2006.03.12 @ 18:05:58

Job Ticket #: 23269 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Blake Exploration

Messerli #1

27-12-33 Logan ,Ks

DST # 1

KC

2006.03.12



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Blake Exploration

Messerli #1

PO Box 150
Bogue KS 67625

27-12-33 Logan ,Ks

Job Ticket: 23269

DST#: 1

ATTN: Mike Davignon

Test Start: 2006.03.12 @ 10:50:49

GENERAL INFORMATION:

Formation: **KC**

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

Time Tool Opened: 13:25:59

Time Test Ended: 18:05:58

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **25**

Interval: **4100.00 ft (KB) To 4130.00 ft (KB) (TVD)**

Total Depth: **4130.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **3132.00 ft (KB)**

3122.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: **6667**

Inside

Press@RunDepth: **305.92 psig @ 4101.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2006.03.12**

End Date: **2006.03.12**

Last Calib.: **2006.03.12**

Start Time: **10:50:49**

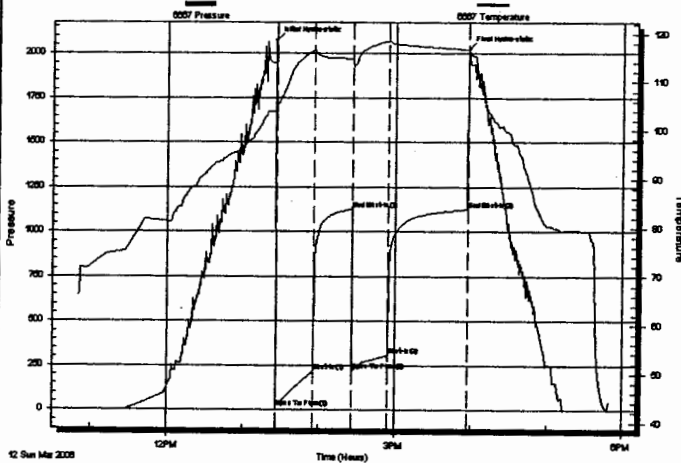
End Time: **17:49:58**

Time On Btm: **2006.03.12 @ 13:25:29**

Time Off Btm: **2006.03.12 @ 15:57:14**

TEST COMMENT: **1/2" in. @ open , B.O.B. in 27 min.
No return
1/2" in. @ open , built to 9" in.
No return**

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2073.10	104.07	Initial Hydro-static
1	12.81	103.70	Open To Flow (1)
31	216.49	116.60	Shut-in(1)
61	1126.35	114.87	End Shut-in(1)
61	221.01	114.35	Open To Flow (2)
89	305.92	118.47	Shut-in(2)
152	1124.28	116.80	End Shut-in(2)
152	2023.03	116.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
558.00	w ater 100%w	2.74
82.00	m c w 20% m 80% w	1.15

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

Messerli #1

PO Box 150
Bogue KS 67625

27-12-33 Logan ,Ks

Job Ticket: 23269

DST#: 1

ATTN: Mike Davignon

Test Start: 2006.03.12 @ 10:50:49

Tool Information

Drill Pipe:	Length: 3552.00 ft	Diameter: 3.80 inches	Volume: 49.83 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 2500.00 lb
Drill Collar:	Length: 558.00 ft	Diameter: 2.25 inches	Volume: 2.74 bbl	Weight to Pull Loose: 105000.0 lb
		<u>Total Volume:</u>	<u>52.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 84000.00 lb
Depth to Top Packer:	4100.00 ft			Final 87000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	50.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4081.00	
Shut In Tool	5.00			4086.00	
Hydraulic tool	5.00			4091.00	
Packer	5.00		Fluid	4096.00	20.00 Bottom Of Top Packer
Packer	4.00			4100.00	
Stubb	1.00			4101.00	
Recorder	0.00	6667	Inside	4101.00	
Perforations	24.00			4125.00	
Recorder	0.00	11058	Inside	4125.00	
Bullnose	5.00			4130.00	30.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

Messerli #1

PO Box 150
Bogue KS 67625

27-12-33 Logan, Ks.

Job Ticket: 23269

DST#: 1

ATTN: Mike Davignon

Test Start: 2006.03.12 @ 10:50:49

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:

39000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.75 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
558.00	water 100%w	2.744
82.00	m c w 20% m 80%w	1.150

Total Length: 640.00 ft

Total Volume: 3.894 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6667

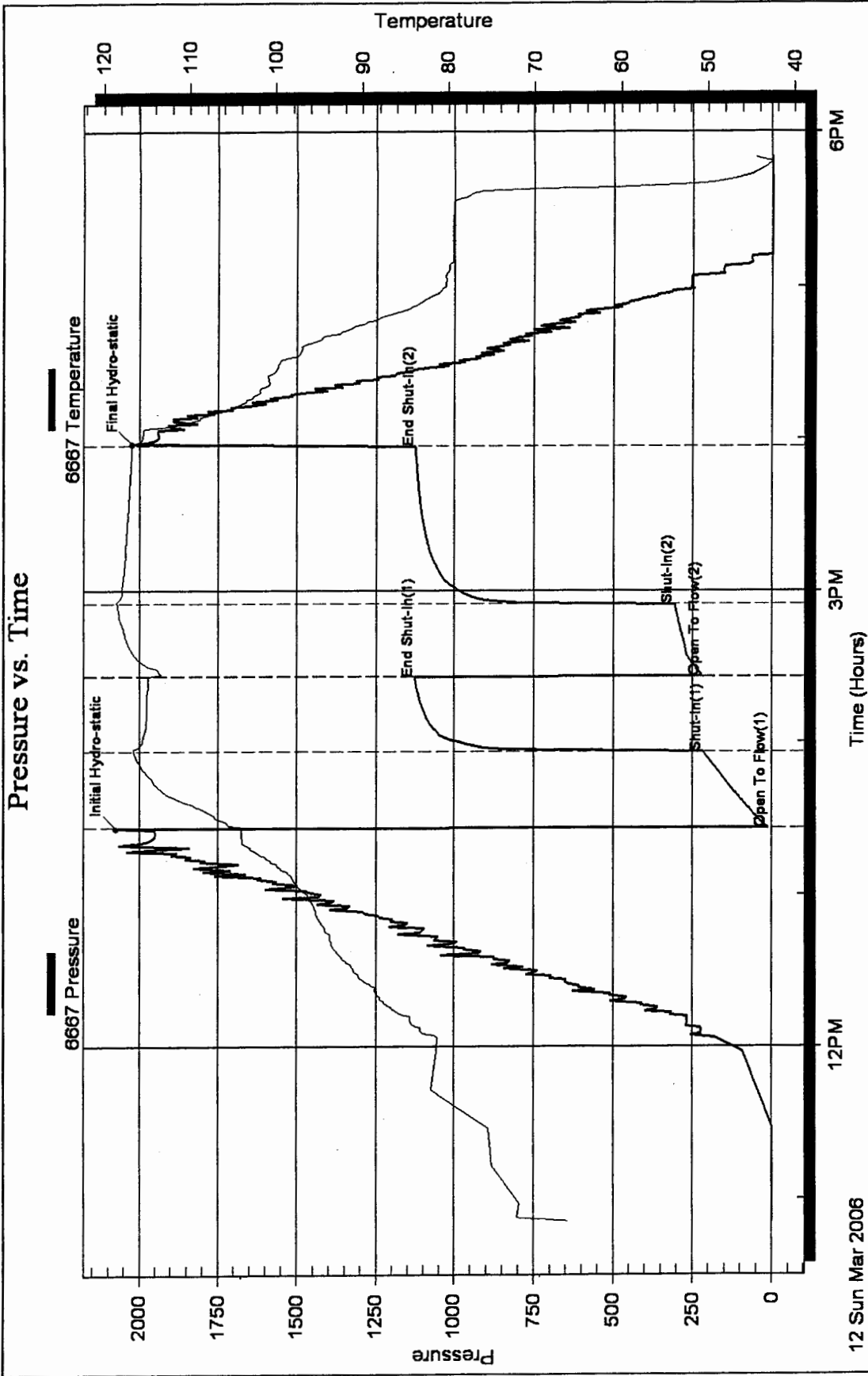
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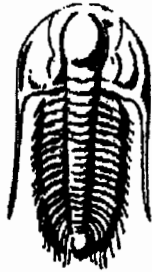
Blake Exploration

27-12-33 Logan, Ks

DST Test Number: 1

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

PO Box 150
Bogue KS 67625

ATTN: Mike Davignon

27-12-33 Logan ,Ks

Messerli #1

Start Date: 2006.03.13 @ 05:50:42

End Date: 2006.03.13 @ 11:55:21

Job Ticket #: 23270 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Blake Exploration

Messerli #1

27-12-33 Logan ,Ks

DST # 2

H

2006.03.13



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Blake Exploration

Messerli #1

PO Box 150
Bogue KS 67625

27-12-33 Logan ,Ks

Job Ticket: 23270

DST#: 2

ATTN: Mike Davignon

Test Start: 2006.03.13 @ 05:50:42

GENERAL INFORMATION:

Formation: 'H'

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:53:52

Time Test Ended: 11:55:21

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 25

Interval: 4217.00 ft (KB) To 4260.00 ft (KB) (TVD)

Reference Elevations: 3132.00 ft (KB)

Total Depth: 4260.00 ft (KB) (TVD)

3122.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6667

Inside

Press@RunDepth: 167.35 psig @ 4218.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2006.03.13

End Date:

2006.03.13

Last Calib.: 2006.03.13

Start Time: 05:50:42

End Time:

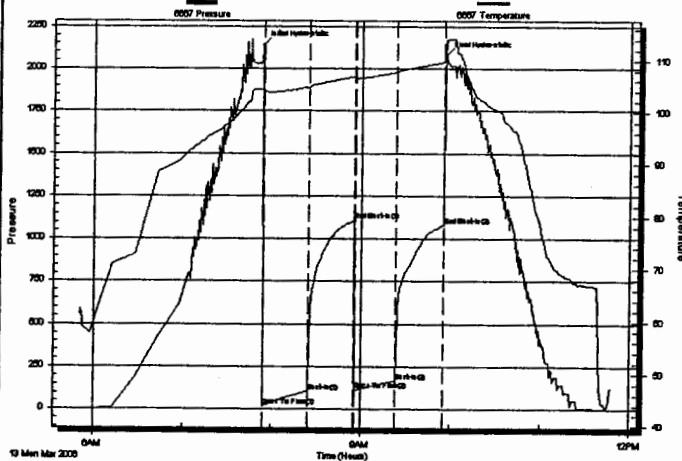
11:47:21

Time On Btm: 2006.03.13 @ 07:53:37

Time Off Btm: 2006.03.13 @ 09:56:52

TEST COMMENT: 1/4" in. @ open built to 5 1/4" in.
No return
Surface blow built to 1 3/4" in.
No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2140.43	104.49	Initial Hydro-static
1	16.67	104.03	Open To Flow (1)
31	106.48	104.87	Shut-In(1)
62	1108.64	106.89	End Shut-In(1)
62	111.76	106.39	Open To Flow (2)
90	167.35	107.69	Shut-In(2)
123	1080.89	109.71	End Shut-In(2)
124	2082.35	113.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	free oil 100%o	0.10
90.00	m c w 55w 45m tr/oil	0.44
180.00	s m c w 20m 80w tr/oil	0.89

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

Messerli #1

PO Box 150
Bogue KS 67625

27-12-33 Logan ,Ks

Job Ticket: 23270

DST#: 2

ATTN: Mike Davignon

Test Start: 2006.03.13 @ 05:50:42

Tool Information

Drill Pipe:	Length: 3650.00 ft	Diameter: 3.80 inches	Volume: 51.20 bbl	Tool Weight: 1500.00 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: 558.00 ft	Diameter: 2.25 inches	Volume: 2.74 bbl	Weight to Pull Loose: 100000.0 lb
		Total Volume:	53.94 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 85000.00 lb
Depth to Top Packer:	4217.00 ft			Final 86000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	63.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4198.00	
Shut In Tool	5.00			4203.00	
Hydraulic tool	5.00			4208.00	
Packer	5.00		Fluid	4213.00	20.00 Bottom Of Top Packer
Packer	4.00			4217.00	
Stubb	1.00			4218.00	
Recorder	0.00	6667	Inside	4218.00	
Perforations	37.00			4255.00	
Recorder	0.00	11058	Inside	4255.00	
Bullnose	5.00			4260.00	43.00 Bottom Packers & Anchor
Total Tool Length:	63.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

Messerli #1

PO Box 150
Bogue KS 67625

27-12-33 Logan ,Ks

Job Ticket: 23270

DST#: 2

ATTN: Mike Davignon

Test Start: 2006.03.13 @ 05:50:42

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

49500 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.75 in²

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	free oil 100%o	0.098
90.00	m c w 55w 45m tr/oil	0.443
180.00	s m c w 20m 80w tr/oil	0.885

Total Length: 290.00 ft

Total Volume: 1.426 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6667

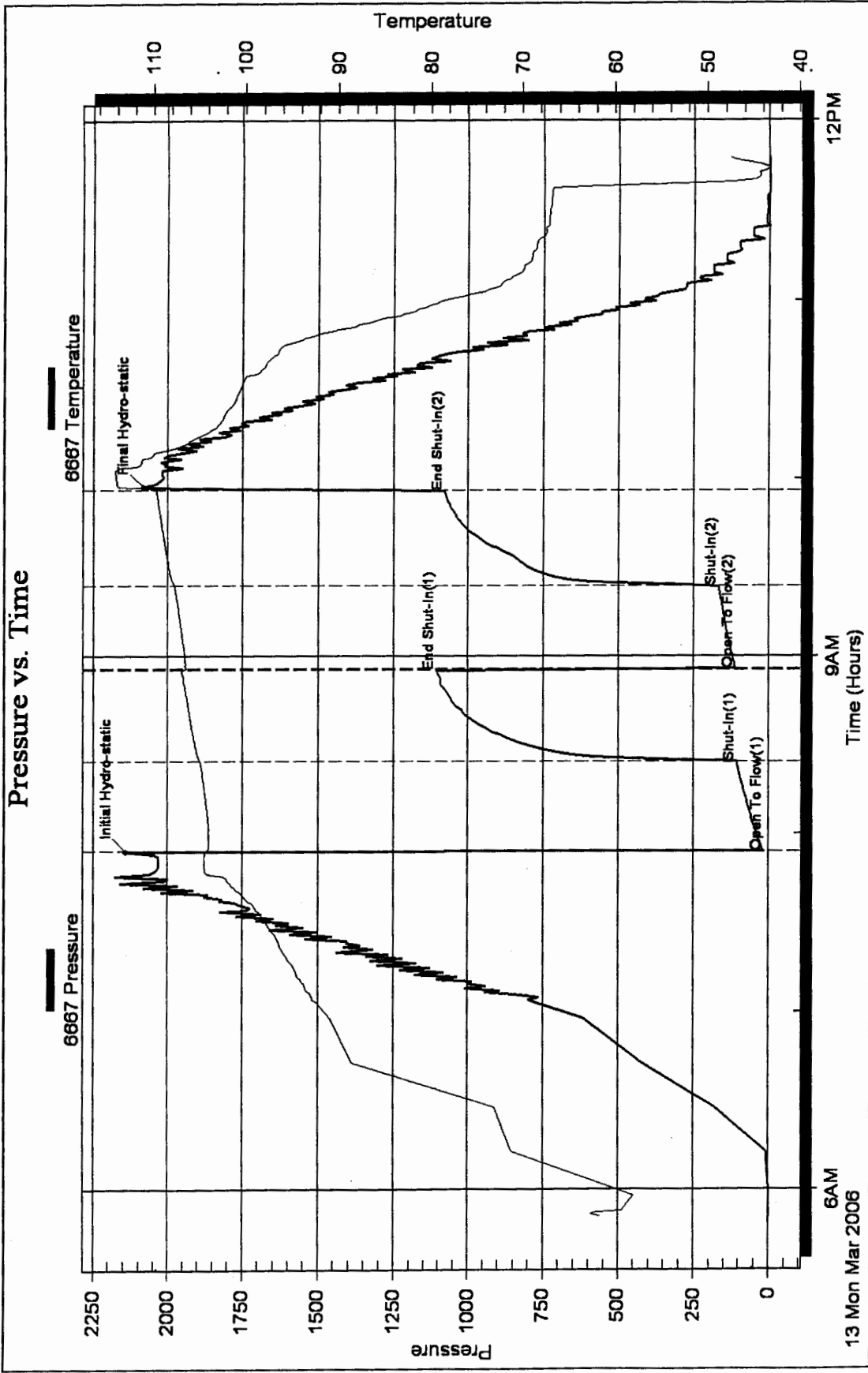
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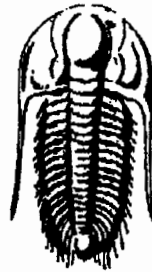
Blake Exploration

27-12-33 Logan ,Ks

DST Test Number: 2

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

PO Box 150
Bogue KS 67625

ATTN: Mike Davignon

27-12-33 Logan ,Ks

Messerli #1

Start Date: 2006.03.13 @ 19:15:55

End Date: 2006.03.14 @ 01:57:49

Job Ticket #: 23271 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Blake Exploration

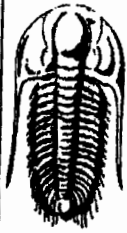
Messerli #1

27-12-33 Logan ,Ks

DST # 3

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2006.03.13



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Blake Exploration

Messerli #1

PO Box 150
Bogue KS 67625

27-12-33 Logan ,Ks

Job Ticket: 23271

DST#: 3

ATTN: Mike Davignon

Test Start: 2006.03.13 @ 19:15:55

GENERAL INFORMATION:

Formation: 'I'

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:19:05

Time Test Ended: 01:57:49

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 25

Interval: 4260.00 ft (KB) To 4290.00 ft (KB) (TVD)

Total Depth: 4290.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3132.00 ft (KB)

3122.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6667 Inside

Press@RunDepth: 336.88 psig @ 4261.00 ft (KB)

Start Date: 2006.03.13

End Date:

2006.03.14

Capacity: 7000.00 psig

Last Calib.: 2006.03.14

Start Time: 19:15:55

End Time:

01:57:49

Time On Btrr: 2006.03.13 @ 21:18:50

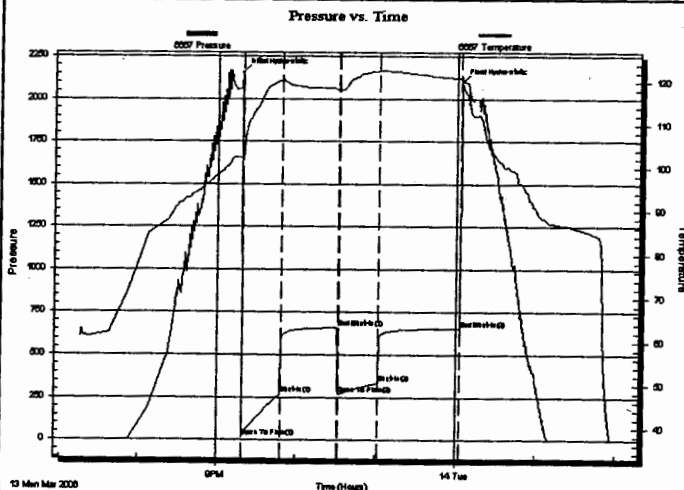
Time Off Btrr: 2006.03.14 @ 00:04:05

TEST COMMENT: 1/2" in. @ open , B.O.B. in 18 min.

No return

Surface blow built to 7" in.

No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2156.37	102.40	Initial Hydro-static
1	15.85	101.93	Open To Flow (1)
30	269.51	120.55	Shut-In(1)
73	659.05	118.29	End Shut-In(1)
74	271.46	118.15	Open To Flow (2)
104	336.88	122.60	Shut-In(2)
165	656.65	120.85	End Shut-In(2)
166	2100.39	121.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
558.00	w ater	2.74
122.00	m c w w/oil spots 35% m 65% w	1.71

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

Messerli #1

PO Box 150
Bogue KS 67625

27-12-33 Logan ,Ks

Job Ticket: 23271

DST#: 3

ATTN: Mike Davignon

Test Start: 2006.03.13 @ 19:15:55

Tool Information

Drill Pipe:	Length: 3712.00 ft	Diameter: 3.80 inches	Volume: 52.07 bbl	Tool Weight: 1500.00 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: 558.00 ft	Diameter: 2.25 inches	Volume: 2.74 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 54.81 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 85000.00 lb
Depth to Top Packer:	4260.00 ft			Final 87000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	50.00 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			4241.00	
Shut In Tool	5.00			4246.00	
Hydraulic tool	5.00			4251.00	
Packer	5.00		Fluid	4256.00	20.00 Bottom Of Top Packer
Packer	4.00			4260.00	
Stubb	1.00			4261.00	
Recorder	0.00	6667	Inside	4261.00	
Perforations	24.00			4285.00	
Recorder	0.00	11058	Inside	4285.00	
Bullnose	5.00			4290.00	30.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

Messerli #1

PO Box 150
Bogue KS 67625

27-12-33 Logan ,Ks

Job Ticket: 23271

DST#: 3

ATTN: Mike Davignon

Test Start: 2006.03.13 @ 19:15:55

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:

52000 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.76 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
558.00	water	2.744
122.00	m c w w/oil spots 35% m 65% w	1.711

Total Length: 680.00 ft Total Volume: 4.455 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

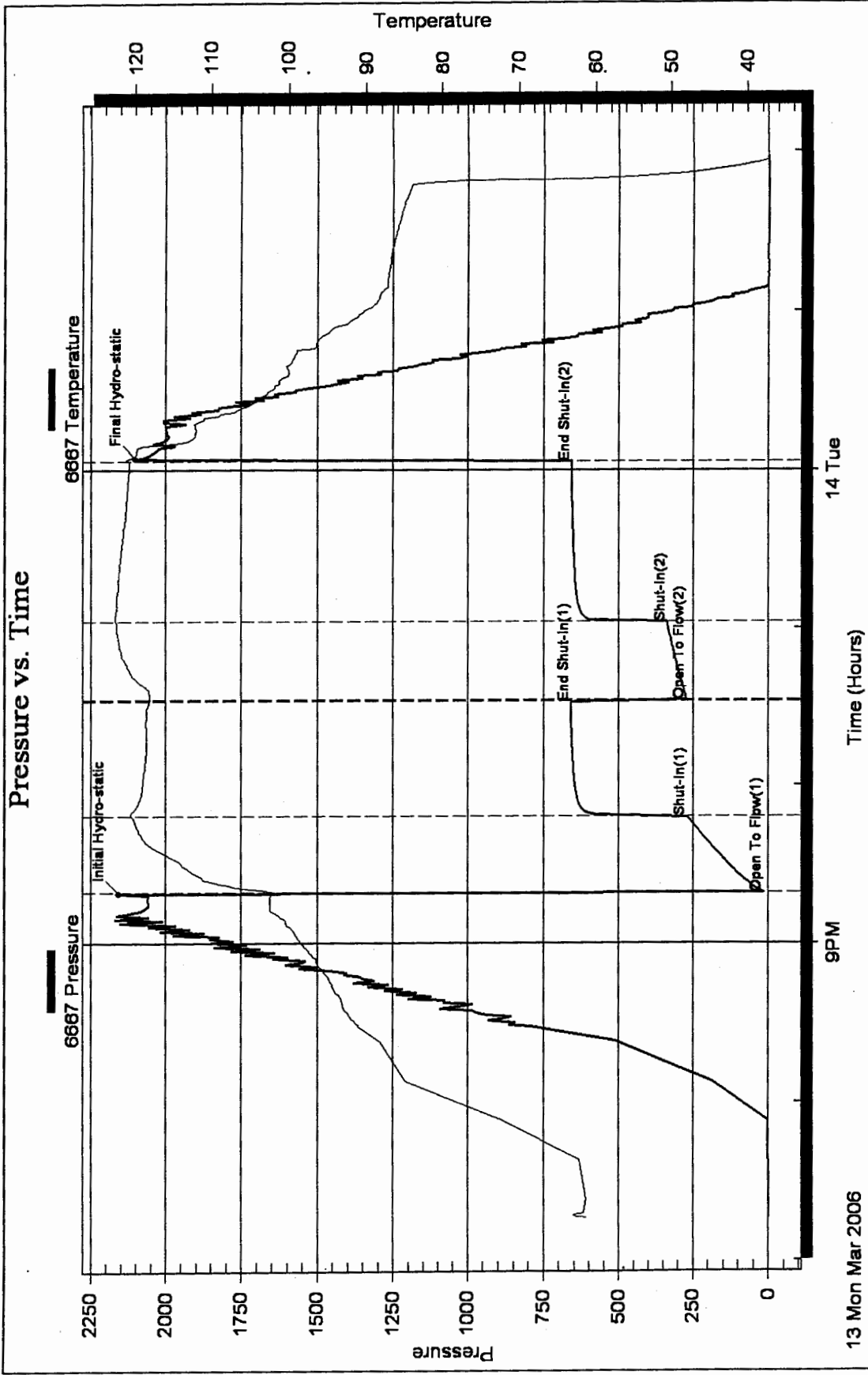
Recovery Comments:

Serial #: 6667

Inside Blake Exploration

27-12-33 Logan ,Ks

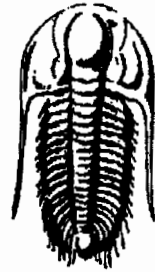
DST Test Number: 3



13 Mon Mar 2006

9PM

14 Tue



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

PO Box 150
Bogue KS 67625

ATTN: Mike Davignon

27-12-33 Logan ,Ks

Messerli #1

Start Date: 2006.03.14 @ 09:12:58

End Date: 2006.03.14 @ 15:30:52

Job Ticket #: 23272 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Blake Exploration

Messerli #1

27-12-33 Logan ,Ks

DST # 4

J

2006.03.14



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Blake Exploration

Messerli #1

PO Box -150
Bogue KS 67625

27-12-33 Logan ,Ks

Job Ticket: 23272 DST#: 4

ATTN: Mike Davignon

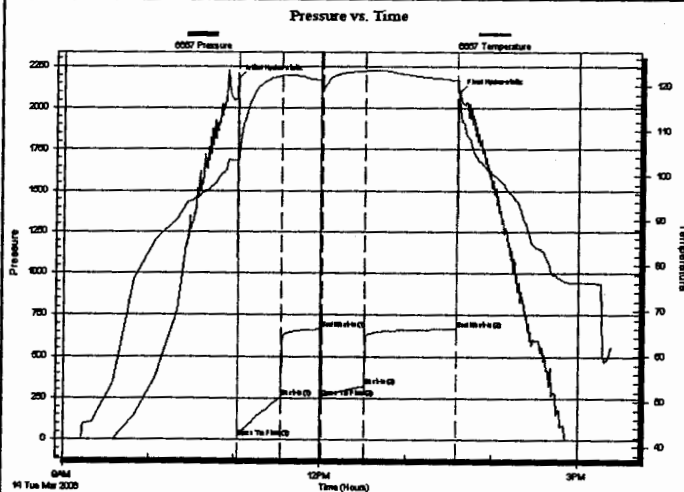
Test Start: 2006.03.14 @ 09:12:58

GENERAL INFORMATION:

Formation: 'J'
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:02:08
 Time Test Ended: 15:30:52
 Interval: 4285.00 ft (KB) To 4310.00 ft (KB) (TVD)
 Total Depth: 4310.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Shane McBride
 Unit No: 25
 Reference Elevations: 3132.00 ft (KB)
 3122.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6667 Inside
 Press@RunDepth: 325.51 psig @ 4286.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.03.14 End Date: 2006.03.14 Last Calib.: 2006.03.14
 Start Time: 09:12:58 End Time: 15:23:52 Time On Btm: 2006.03.14 @ 11:01:53
 Time Off Btm: 2006.03.14 @ 13:36:23

TEST COMMENT: 1/2" in. @ open , B.O.B. in 20 min.
 No return
 Surface blow built to 8" in.
 No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2173.98	104.27	Initial Hydro-static
1	14.64	103.68	Open To Flow (1)
31	253.94	122.25	Shut-In(1)
59	664.39	121.18	End Shut-In(1)
60	256.84	120.62	Open To Flow (2)
90	325.51	123.32	Shut-In(2)
154	665.49	121.24	End Shut-In(2)
155	2092.43	117.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
558.00	w ater 100%W	2.74
132.00	m c w w /trace of oil 25% m 75% w	1.85

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

Messerli #1

PO Box 150
Bogue KS 67625

27-12-33 Logan ,Ks

Job Ticket: 23272

DST#: 4

ATTN: Mike Davignon

Test Start: 2006.03.14 @ 09:12:58

Tool Information

Drill Pipe:	Length: 3712.00 ft	Diameter: 3.80 inches	Volume: 52.07 bbl	Tool Weight: 1500.00 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: 558.00 ft	Diameter: 2.25 inches	Volume: 2.74 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 54.81 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 85000.00 lb
Depth to Top Packer:	4285.00 ft			Final 87000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	45.00 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			4266.00	
Shut In Tool	5.00			4271.00	
Hydraulic tool	5.00			4276.00	
Packer	5.00		Fluid	4281.00	20.00 Bottom Of Top Packer
Packer	4.00			4285.00	
Stubb	1.00			4286.00	
Recorder	0.00	6667	Inside	4286.00	
Perforations	19.00			4305.00	
Recorder	0.00	11058	Inside	4305.00	
Bullnose	5.00			4310.00	25.00 Bottom Packers & Anchor
Total Tool Length:	45.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

Messerli #1

PO Box 150
Bogue KS 67625

27-12-33 Logan ,Ks

Job Ticket: 23272

DST#: 4

ATTN: Mike Davignon

Test Start: 2006.03.14 @ 09:12:58

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:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.74 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
558.00	w ater 100%W	2.744
132.00	m c w w/trace of oil 25% m 75% w	1.852

Total Length: 690.00 ft

Total Volume: 4.596 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

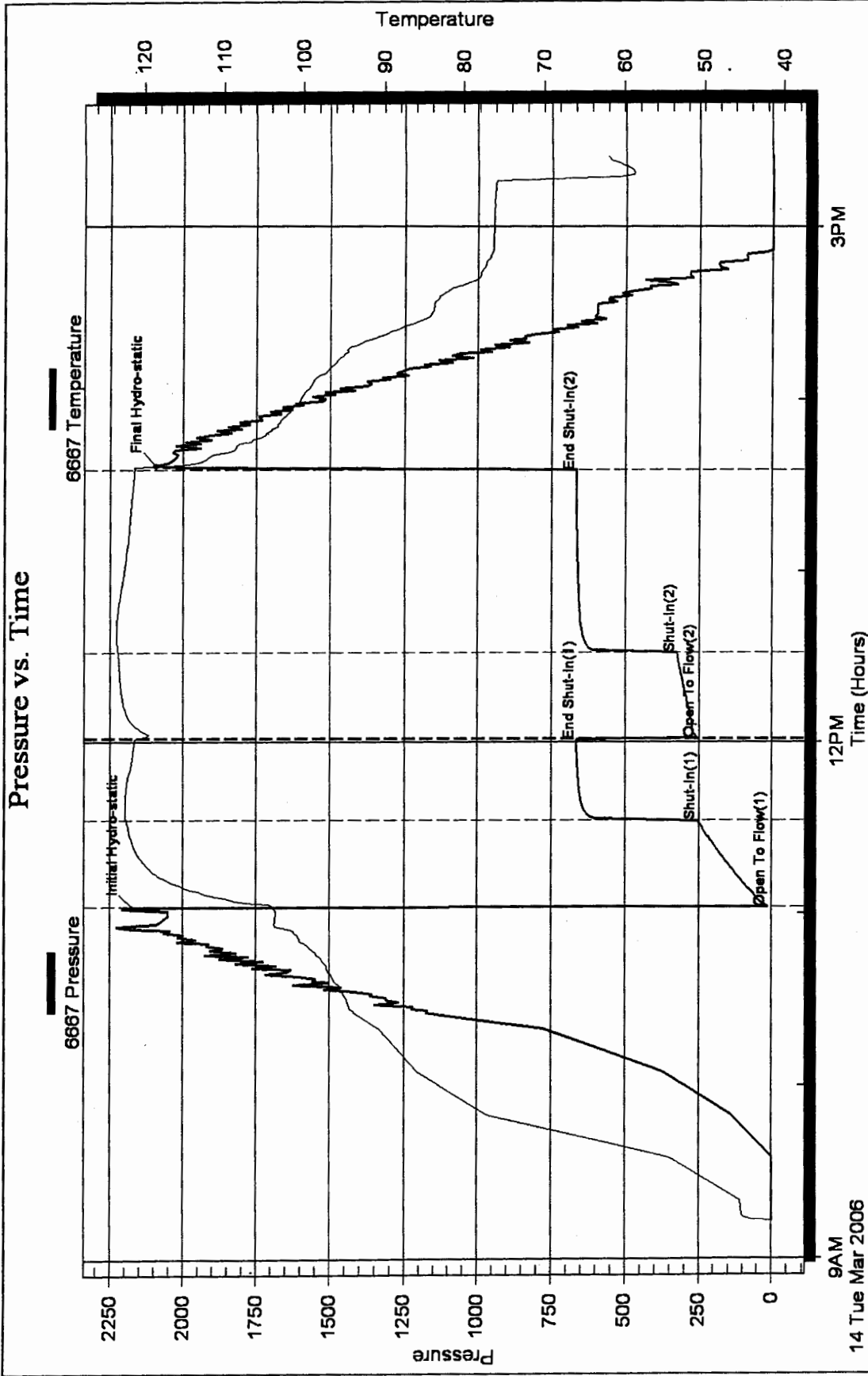
Serial #: 6667

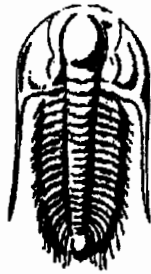
Inside

Blake Exploration

27-12-33 Logan ,Ks

DST Test Number: 4





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

PO Box 150
Bogue KS 67625

ATTN: Mike Davignon

27-12-33 Logan ,Ks

Messerli #1

Start Date: 2006.03.14 @ 22:10:37

End Date: 2006.03.15 @ 04:50:01

Job Ticket #: 23273 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Blake Exploration

Messerli #1

27-12-33 Logan ,Ks

DST # 5

K

2006.03.14



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Blake Exploration

PO Box 150
Bogue KS 67625

ATTN: Mike Davignon

Messerli #1

27-12-33 Logan ,Ks

Job Ticket: 23273

DST#: 5

Test Start: 2006.03.14 @ 22:10:37

GENERAL INFORMATION:

Formation: 'K'

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:25:32

Time Test Ended: 04:50:01

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 25

Interval: 4305.00 ft (KB) To 4335.00 ft (KB) (TVD)

Total Depth: 4335.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3132.00 ft (KB)

3122.00 ft (CF)

KB to GRV/CF: 10.00 ft

Serial #: 6667

Inside

Press@RunDepth: 236.04 psig @ 4306.00 ft (KB)

Start Date: 2006.03.14

End Date:

2006.03.15

Capacity: 7000.00 psig

Last Calib.: 2006.03.15

Start Time: 22:10:37

End Time:

04:40:01

Time On Btrr: 2006.03.15 @ 00:25:17

Time Off Btrr: 2006.03.15 @ 02:28:02

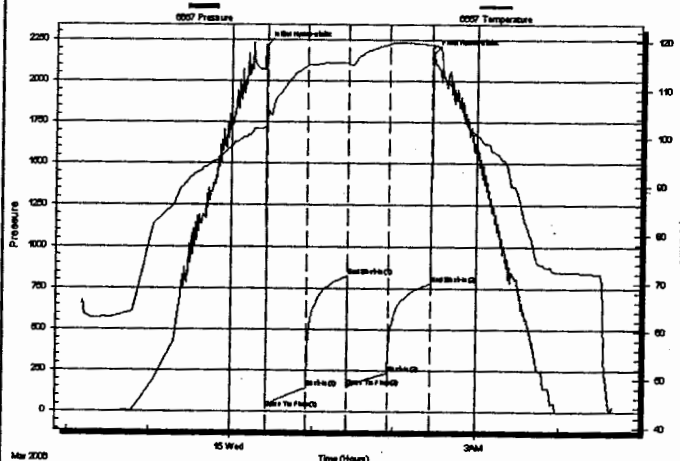
TEST COMMENT: 1/2" in @ open, built to 5 1/2" in.

No return

Surface blow built to 4 1/2" in.

No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2212.91	102.63	Initial Hydro-static
1	21.23	101.82	Open To Flow (1)
30	143.98	115.17	Shut-In(1)
60	822.95	115.61	End Shut-In(1)
61	151.06	115.26	Open To Flow (2)
91	236.04	119.58	Shut-In(2)
122	779.60	119.50	End Shut-In(2)
123	2169.09	119.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	m c w 40m 60w	0.44
270.00	water 100w	1.33

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

Messerli #1

PO Box 150
Bogue KS 67625

27-12-33 Logan ,Ks

Job Ticket: 23273

DST#: 5

ATTN: Mike Davignon

Test Start: 2006.03.14 @ 22:10:37

Tool Information

Drill Pipe:	Length: 3742.00 ft	Diameter: 3.80 inches	Volume: 52.49 bbl	Tool Weight: 1500.00 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: 558.00 ft	Diameter: 2.25 inches	Volume: 2.74 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 55.23 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 86000.00 lb
Depth to Top Packer:	4305.00 ft			Final 88000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	50.00 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			4286.00	
Shut In Tool	5.00			4291.00	
Hydraulic tool	5.00			4296.00	
Packer	5.00		Fluid	4301.00	20.00 Bottom Of Top Packer
Packer	4.00			4305.00	
Stubb	1.00			4306.00	
Recorder	0.00	6667	Inside	4306.00	
Perforations	24.00			4330.00	
Recorder	0.00	11058	Inside	4330.00	
Bullnose	5.00			4335.00	30.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

Messerli #1

PO Box 150
Bogue KS 67625

27-12-33 Logan ,Ks

Job Ticket: 23273

DST#: 5

ATTN: Mike Davignon

Test Start: 2006.03.14 @ 22:10:37

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:

71000 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.19 in³

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: 0.00 ohm.m

Salinity: 7800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
90.00	m c w 40m 60w	0.443
270.00	w ater 100w	1.328

Total Length: 360.00 ft

Total Volume: 1.771 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

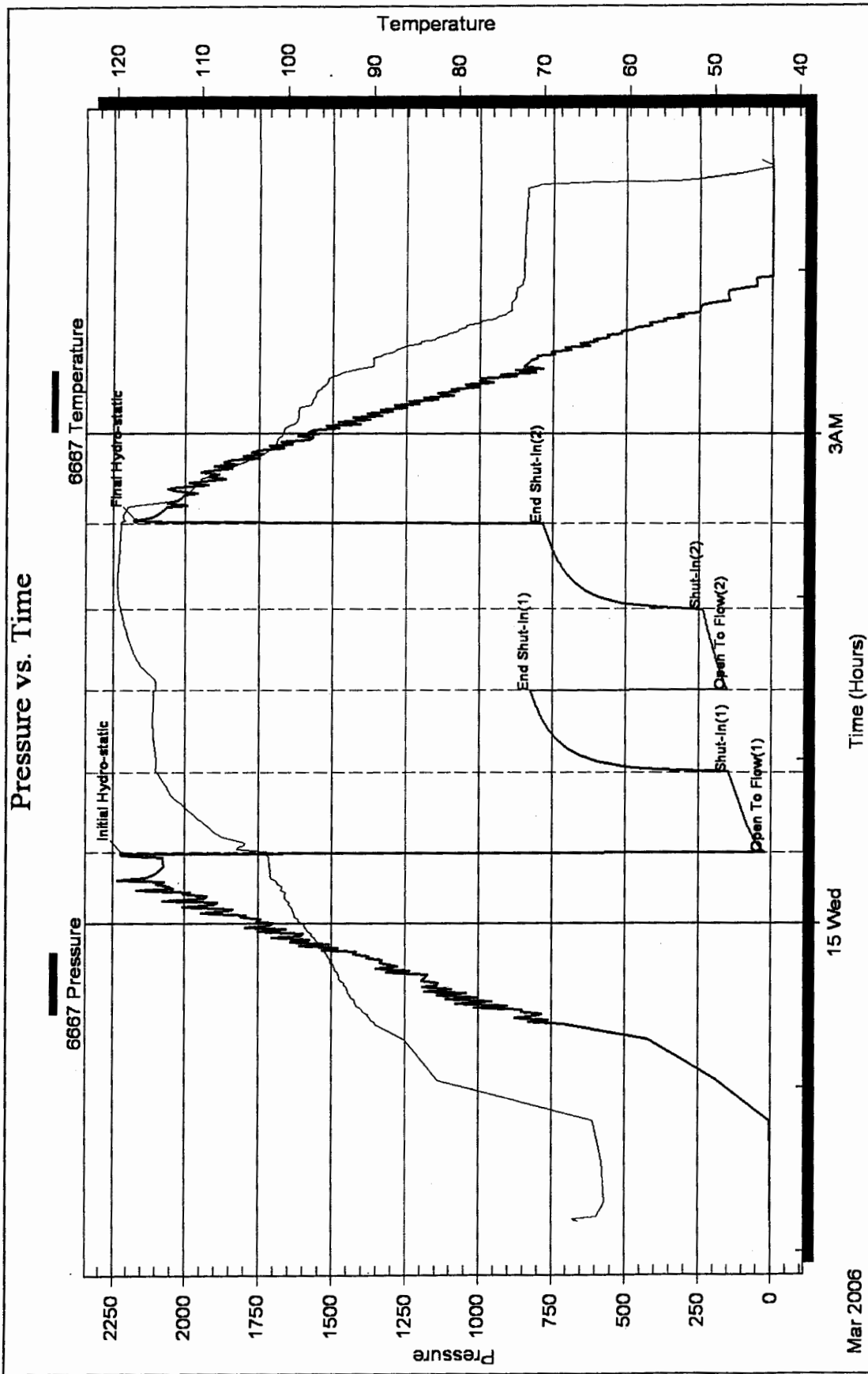
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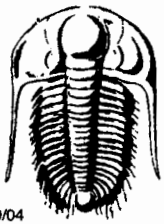
Inside

Blake Exploration

27-12-33 Logan, Ks

DST Test Number: 5





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

8514
No 23269

Test Ticket

Well Name & No. Messertti #1 Test No. #1 Date 3/12/06
 Company Blake Exploration Zone Tested KC
 Address P.O. Box 150 Bogue, Ks 67625 Elevation 3132 KB 3122 GL
 Co. Rep / Geo. Mike Davignon Cont. Mullin #14 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 27 Twp. 12S Rge. 33W Co. Logan State Ks
 No. of Copies None Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4100 4130 Initial Str Wt./Lbs. 84,000 Unseated Str Wt./Lbs. 87,000
 Anchor Length _____ 30 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 105,000
 Top Packer Depth _____ 4095 Tool Weight 1500
 Bottom Packer Depth _____ 4100 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ 4130 Wt. Pipe Run _____ Drill Collar Run 558'
 Mud Wt. 9.0 LCM TI Vis. 58 WL 6.8 Drill Pipe Size 4 1/2 XH Ft. Run 3552'
 Blow Description 1/2" in @ open, B.O.B. in 27 min
No return
1/2" in @ open, built to 9" in.
No return

Recovery - Total Feet 640' GIP _____ Ft. in DC 558 Ft. in DP 82'
 Rec. 82 Feet of mcw %gas _____ %oil 80 %water 20 %mud _____
 Rec. 558 Feet of water %gas _____ %oil 100 %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 117° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .251 @ 50 °F Chlorides 39,000 ppm Recovery 39,000 Chlorides 4600 ppm System

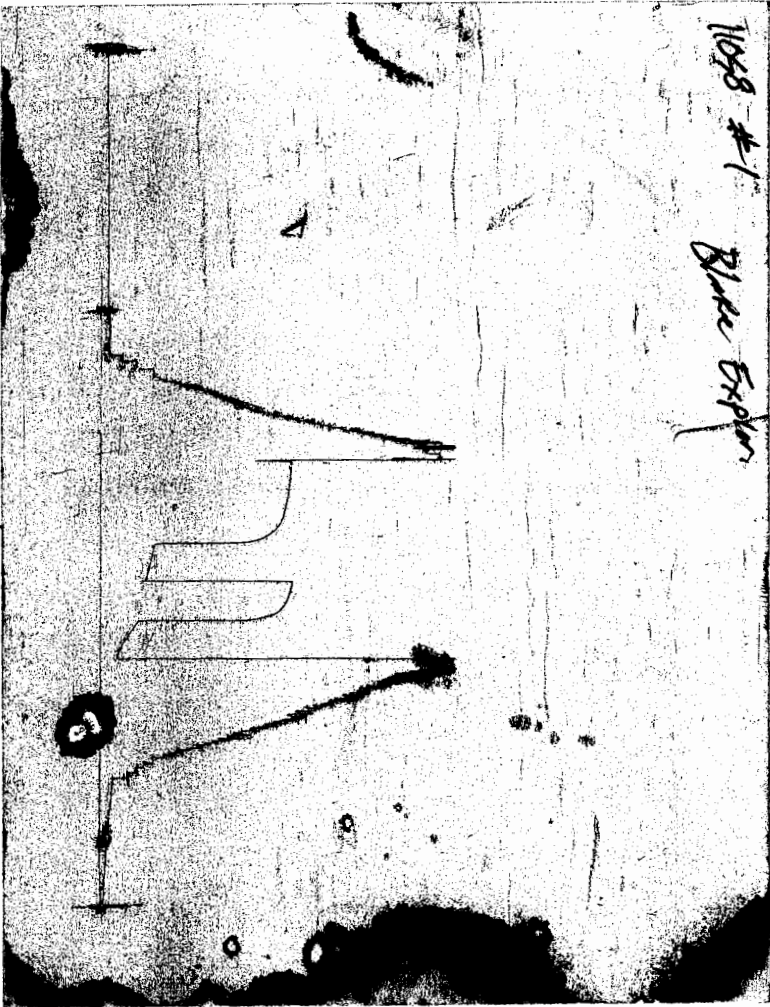
AK-1	Alpine	Recorder No.	Test #
(A) Initial Hydrostatic Mud	<u>2073</u> PSI	<u>6667</u>	<u>#1100⁰⁰</u>
(B) First Initial Flow Pressure	<u>12</u> PSI	(depth) <u>4101</u>	Jars _____
(C) First Final Flow Pressure	<u>216</u> PSI	Recorder No. <u>11058</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1126</u> PSI	(depth) <u>4125</u>	Circ Sub <u>N/C</u>
(E) Second Initial Flow Pressure	<u>221</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>305</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1124</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2023</u> PSI	Initial Shut-In <u>30</u>	Shale Packer _____

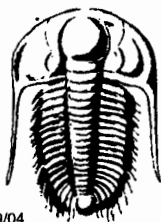
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Final Flow	<u>30</u>	Ruined Packer _____
Final Shut-In	<u>60</u>	Mileage <u>x920</u> <u>\$115⁰⁰</u>
T-On Location	<u>09:30</u> <u>N.M.</u>	Sub Total: <u>\$1215⁰⁰</u>
T-Started	<u>10:50</u> <u>A.M.</u>	Std. By _____
T-Open	<u>13:25</u> <u>P.M.</u>	Other _____
T-Pulled	<u>16:00</u> <u>P.M.</u>	Total: <u>\$1215⁰⁰</u>
T-Out	<u>18:05</u> <u>P.M.</u>	

Approved By _____
 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 23270

Test Ticket

Well Name & No. Messeri #1 Test No. #2 Date 3/13/06
 Company Blake Exploration Zone Tested 'H'
 Address P.O. Box 150 Bogue, Ks 67625 Elevation 382 KB 3122 GL
 Co. Rep / Geo. Mike Davignon Cont. Markin #14 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 27 Twp. 12S Rge. 33W Co. Hogan State Ks
 No. of Copies None Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4217 4260 Initial Str Wt./Lbs. 85,000 Unseated Str Wt/Lbs 84,000
 Anchor Length _____ 43 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 100,000
 Top Packer Depth _____ 4212 Tool Weight 1500
 Bottom Packer Depth _____ 4217 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ 4260 Wt. Pipe Run _____ Drill Collar Run 658'
 Mud Wt. 9.0 LCM Tr Vis. 58 WL 6.8 Drill Pipe Size 4 1/2 X 11 Ft. Run 3650'
 Blow Description 14" @ open built to 6 1/4".
No return
Surface blow built to 1 3/4".
No return

Recovery - Total Feet 290' GIP _____ Ft. in DC 290' Ft. in DP _____
 Rec. 20' Feet of Free Oil %gas 100 %oil _____ %water _____ %mud _____
 Rec. 90' Feet of MWCW T/oil %gas Trace %oil 55 %water 45 %mud _____
 Rec. 180' Feet of SMCW T/oil %gas Trace %oil 80 %water 20 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 110° °F Gravity 35 °API D @ 60° °F Corrected Gravity 35 °API
 RW .171 @ 58 °F Chlorides 49,500 ppm Recovery 49,500 Chlorides 4600 ppm System

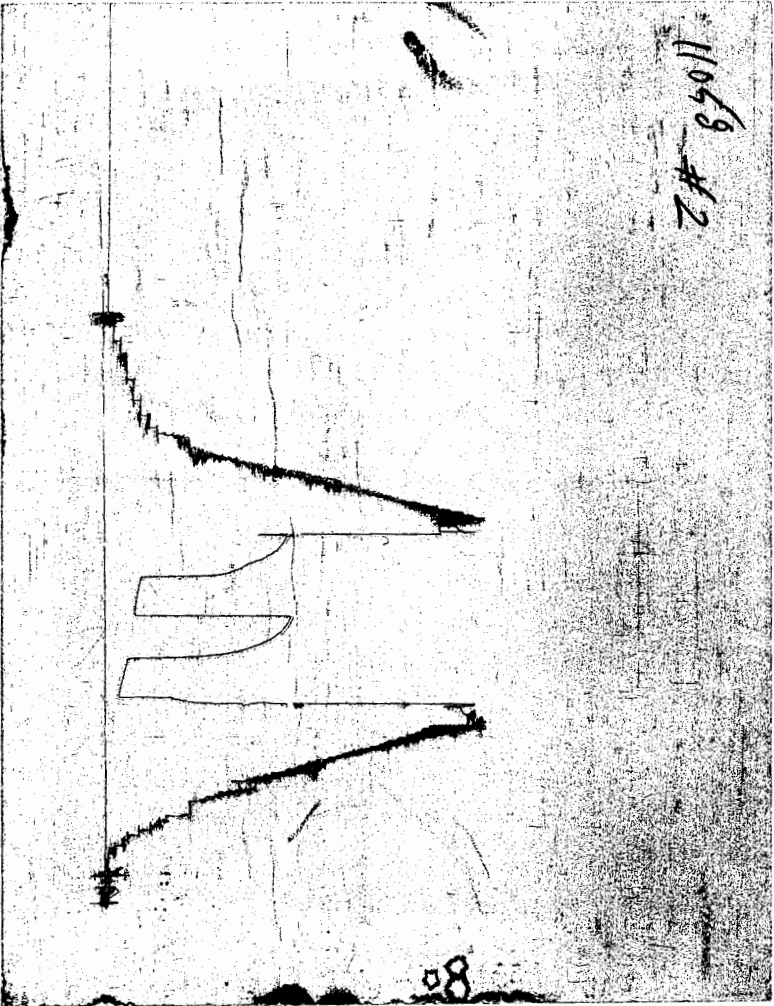
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2140</u>	PSI	<u>6667</u>	<u>\$ 1100.00</u>
(B) First Initial Flow Pressure	<u>16</u>	PSI	(depth) <u>4218</u>	Jars _____
(C) First Final Flow Pressure	<u>106</u>	PSI	Recorder No. <u>11058</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1108</u>	PSI	(depth) <u>4255</u>	Circ Sub <u>✓ w/c</u>
(E) Second Initial Flow Pressure	<u>111</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>167</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1080</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2082</u>	PSI	Initial Shut-In <u>30</u>	Shale Packer _____
			Final Flow <u>30</u>	Ruined Packer _____
			Final Shut-In <u>30-60</u>	Mileage <u>9222</u> <u>115.00</u>

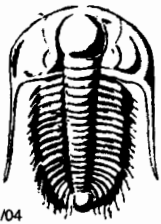
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Approved By [Signature]
 Our Representative [Signature]

T-On Location 05:00 A.M.
 T-Started 05:50 A.M.
 T-Open 07:50 A.M.
 T-Pulled 10:20 A.M.
 T-Out 11:55 A.M.
 Sub Total: \$ 1215.00
 Std. By _____
 Other _____
 Total: \$ 1215.00

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 23271

Test Ticket

Well Name & No. Messeri #1 Test No. #3 Date 3-14-06
 Company Blake Exploration Zone Tested 'I'
 Address P.O. Box 150 Bourge, Ks 67625 Elevation 3132 KB 3122 GL
 Co. Rep / Geo. Mike Davignon Cont. Martin #14 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 27 Twp. 12 Rge. 33 Co. Logan State Ks
 No. of Copies 1 Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4260 4290 Initial Str Wt./Lbs. 85,000 Unseated Str Wt./Lbs. 87,000
 Anchor Length _____ 30 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 100,000
 Top Packer Depth _____ 4255 Tool Weight 1500
 Bottom Packer Depth _____ 4260 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth _____ 4290 Wt. Pipe Run _____ Drill Collar Run 558'
 Mud Wt. 9.1 LCM 1/2 Vis. 61 WL 6.8 Drill Pipe Size 4 1/2 XH Ft. Run 3712
 Blow Description 1/2" @ open built to B.O.B. in 18min
No return

Surface blow built to 7" in.
No return

Recovery - Total Feet 680 GIP _____ Ft. in DC 558 Ft. in DP 122
 Rec. 122' Feet of MCW w/oil spots %gas _____ %oil 65 %water 35 %mud _____
 Rec. 558' Feet of Water %gas _____ %oil 100 %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of (Show of free oil on) %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of Top 4" in %gas _____ %oil _____ %water _____ %mud _____
 BHT 121 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 4800 ppm System

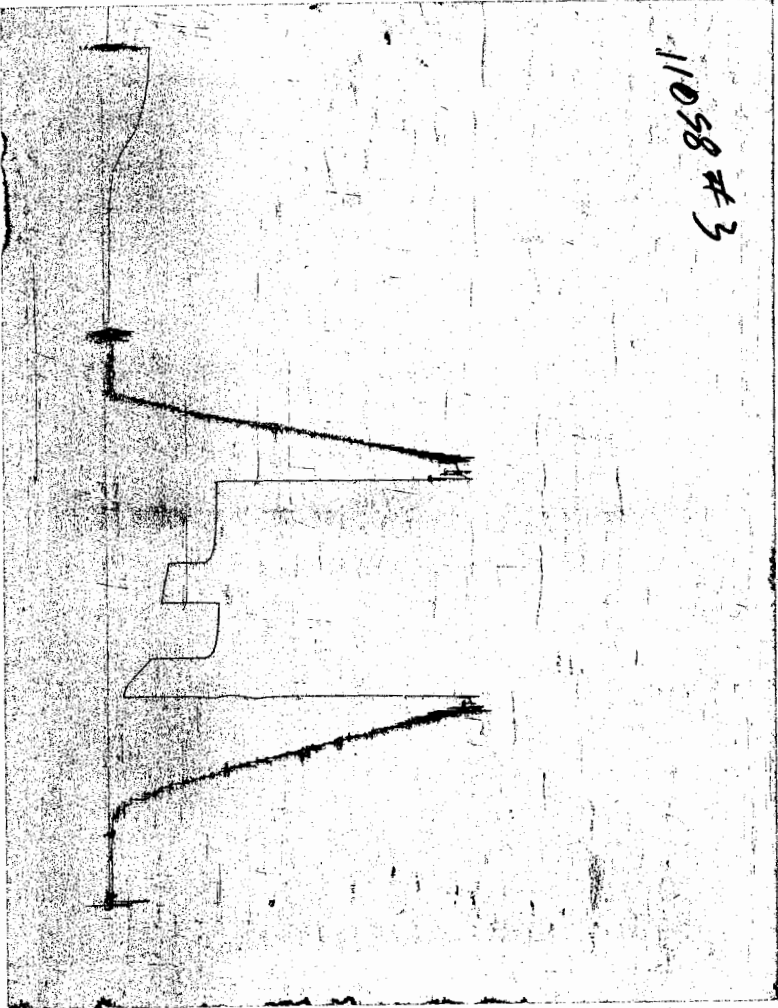
	AK-1	Alpine	Recorder No.	Test x
(A) Initial Hydrostatic Mud		<u>2156</u> PSI	<u>6667</u>	<u>\$ 1100.00</u>
(B) First Initial Flow Pressure		<u>15</u> PSI	<u>4261</u>	Jars _____
(C) First Final Flow Pressure		<u>269</u> PSI	<u>11058</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>659</u> PSI	<u>4285</u>	Circ Sub <u>x N/R</u>
(E) Second Initial Flow Pressure		<u>271</u> PSI		Sampler _____
(F) Second Final Flow Pressure		<u>336</u> PSI		Straddle _____
(G) Final Shut-In Pressure		<u>656</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>2100</u> PSI	Initial Shut-In <u>45</u>	Shale Packer _____

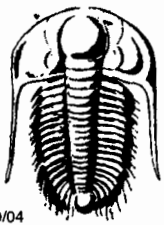
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Final Flow	<u>30</u>	Ruined Packer _____
Final Shut-In	<u>60</u>	Mileage <u>1225</u> <u>\$ 115.00</u>
T-On Location	<u>18:50 p.m.</u>	Sub Total: <u>1215.00</u>
T-Started	<u>19:15 p.m.</u>	Std. By _____
T-Open	<u>21:15 p.m.</u>	Other _____
T-Pulled	<u>00:00 a.m.</u>	Total: <u>\$ 1215.00</u>
T-Out	<u>02:10 a.m.</u>	

Approved By _____
 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 23272

Test Ticket

Well Name & No. Messeth: #1 Test No. #4 Date 3-14-06
 Company Blake Exploration Zone Tested J
 Address P.O. Box 150 Bauge, KS 67625 Elevation 3132 KB 3122 GL
 Co. Rep / Geo. Mike Davignon Cont. Mattie #4 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 27 Twp. 12 Rge. 33 Co. Logan State KS
 No. of Copies None Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4285 4310 Initial Str Wt./Lbs. 85000 Unseated Str Wt./Lbs. 87000
 Anchor Length _____ 25 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 100000
 Top Packer Depth _____ 4280 Tool Weight 1500
 Bottom Packer Depth _____ 4285 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ 4310 Wt. Pipe Run _____ Drill Collar Run 558'
 Mud Wt. 9.2 LCM #1 Vis. 55 WL 6.8 Drill Pipe Size 4 1/2 XH Ft. Run 3712'
 Blow Description 1/2" @ open, built to B.O.B. in 20 min
No return

Surface blow built to 8"
No return

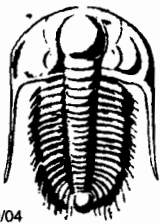
Recovery - Total Feet 680' GIP _____ Ft. in DC 558' Ft. in DP 132'
 Rec. 132 Feet of MCLW %gas _____ %oil 75 %water 25 %mud _____
 Rec. 558 Feet of Water %gas _____ %oil 100 %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of (4" in free oil on top) %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 121° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .125 @ 60° °F Chlorides 67000 ppm Recovery 67000 Chlorides 4800 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2173</u>	PSI	<u>6667</u>	<u>\$1100.00</u>
(B) First Initial Flow Pressure	<u>14</u>	PSI	(depth) <u>4286</u>	Jars _____
(C) First Final Flow Pressure	<u>253</u>	PSI	Recorder No. <u>11058</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>664</u>	PSI	(depth) <u>4305</u>	Circ Sub <u>X N/E</u>
(E) Second Initial Flow Pressure	<u>256</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>325</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>665</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2092</u>	PSI	Initial Shut-In <u>30</u>	Shale Packer _____

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Approved By [Signature]
 Our Representative [Signature]

Final Flow	<u>30</u>	Ruined Packer _____
Final Shut-In	<u>60</u>	Mileage <u>920</u> <u>\$115.00</u>
T-On Location	<u>08:50</u> <u>A.M.</u>	Sub Total: <u>\$1215.00</u>
T-Started	<u>09:10</u> <u>A.M.</u>	Std. By _____
T-Open	<u>11:00</u> <u>A.M.</u>	Other _____
T-Pulled	<u>13:30</u> <u>P.M.</u>	Total: <u>\$1215.00</u>
T-Out	<u>15:30</u> <u>P.M.</u>	



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 23273

9/04

Test Ticket

Well Name & No. Messeri #1 Test No. #5 Date 3-15-06
 Company Blake Exploration Zone Tested 'K'
 Address P.O. Box 150 Bange, KS 67625 Elevation 3132 KB 3122 GL
 Co. Rep / Geo. Mike Davignon Cont. Marlin #14 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 27 Twp. 12 Rge. 33 Co. Logan State Ks
 No. of Copies Norm Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4305 4335 Initial Str Wt./Lbs. 86,000 Unseated Str Wt./Lbs. 88,000
 Anchor Length _____ 30 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 100,000
 Top Packer Depth _____ 4300 Tool Weight 1500
 Bottom Packer Depth _____ 4305 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ 4335 Wt. Pipe Run _____ Drill Collar Run 558'
 Mud Wt. 9.2 LCM #1 Vis. 63 WL 7.2 Drill Pipe Size 4 1/2 XH Ft. Run 3742'
 Blow Description 12" @ open burst to 5 1/2" in
No return

Surface blows built to 4 1/2" in.
No return

Recovery - Total Feet 360 GIP _____ Ft. in DC 360 Ft. in DP _____
 Rec. 90 Feet of MCW %gas _____ %oil 60 %water 40 %mud _____
 Rec. 270 Feet of Water %gas _____ %oil 100 %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 120' °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API _____
 RW .146 @ 50° °F Chlorides 71,000 ppm Recovery 71,000 Chlorides 7,800 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>2212</u> PSI	<u>6667</u>	<u>\$1100⁰⁰</u>
(B) First Initial Flow Pressure		<u>21</u> PSI	(depth) <u>4306</u>	Jars _____
(C) First Final Flow Pressure		<u>143</u> PSI	Recorder No. <u>11058</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>822</u> PSI	(depth) <u>4330</u>	Circ Sub <u>X N/C</u>
(E) Second Initial Flow Pressure		<u>151</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>236</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>779</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>2169</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 [Signature]

Final Flow 30 Ruined Packer _____
 Final Shut-In 30 Mileage x 9200 \$115⁰⁰
 T-On Location 21:50 p.m. Sub Total: \$1215⁰⁰
 T-Started 22:10 p.m. Std. By _____
 T-Open 00:25 a.m. Other _____
 T-Pulled 02:25 a.m. Total: \$1215⁰⁰
 T-Out 04:50 a.m.

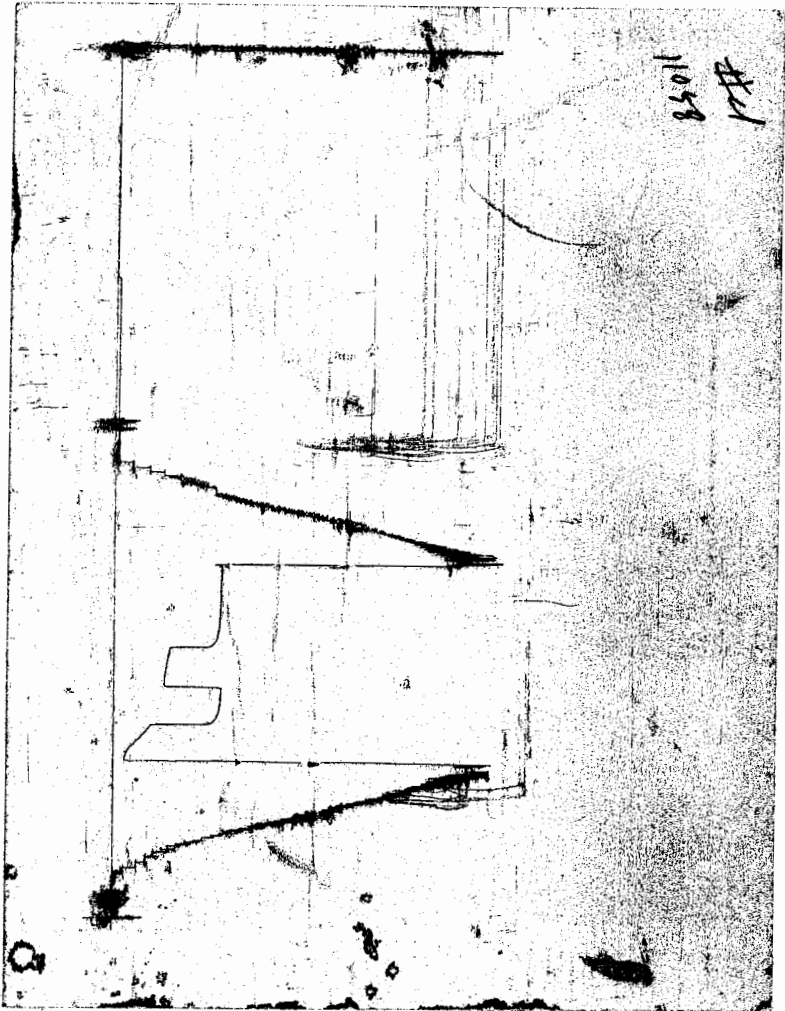


CHART PAGE
This is a photocopy of the actual AK-1 recorder chart.