

DRILL STEM TEST REPORT

Prepared For: **IA Operating Inc.**

900 N Tyler Road
Wichita, KS. 67212

ATTN: Randy Kilian

6-13-16- Ellis

Connie 6-2

Start Date: 2004.05.17 @ 18:13:59

End Date: 2004.05.18 @ 00:57:59

Job Ticket #: 17400 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

IA Operating Inc.

Connie 6-2

900 N Tyler Road
Wichita, KS. 67212

6-13-16- Ellis

ATTN: Randy Kilian

Job Ticket: 17400

DST#: 1

Test Start: 2004.05.17 @ 18:13:59

GENERAL INFORMATION:

Formation: **Toronto-LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:33:29

Time Test Ended: 00:57:59

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 24

Interval: **3170.00 ft (KB) To 3235.00 ft (KB) (TVD)**

Reference Elevations: 1986.00 ft (KB)

Total Depth: 3235.00 ft (KB) (TVD)

1981.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6753 Inside

Press@RunDepth: 218.96 psig @ 3174.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2004.05.17

End Date:

2004.05.18

Last Calib.: 1899.12.30

Start Time: 18:14:29

End Time:

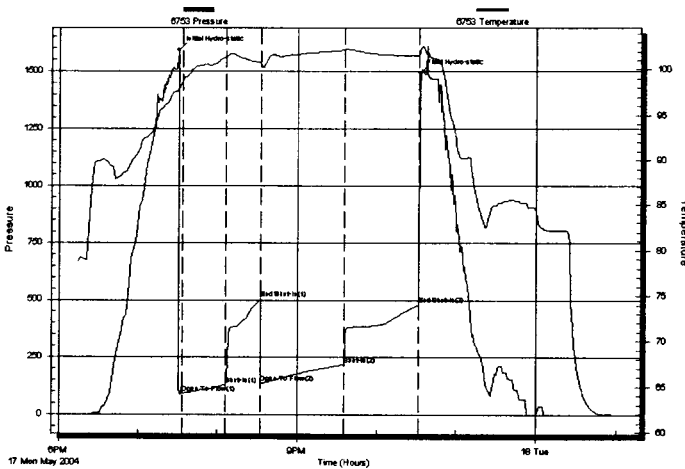
00:57:59

Time On Btm: 2004.05.17 @ 19:30:19

Time Off Btm: 2004.05.17 @ 22:31:59

TEST COMMENT: IFP-Tool Slid 15', Bleed off initial blow, BOB in 3 min.
IS- Blow back Built to 7"
FFP-Good Blow, BOB in 7 min.
FSI- Blow back Built to BOB in 30 min.

Pressure vs. Time



PRESSURE SUMMARY

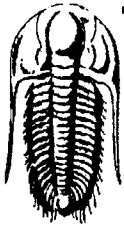
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1593.46	97.93	Initial Hydro-static
4	94.03	98.72	Open To Flow (1)
37	132.12	101.38	Shut-In(1)
63	505.27	100.77	End Shut-In(1)
63	138.82	100.55	Open To Flow (2)
125	218.96	102.11	Shut-In(2)
182	481.23	101.52	End Shut-In(2)
182	1493.47	101.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	HOOM 10%G-25%O-65%M	0.30
360.00	GMCO-65%G-25%O-10%M	4.47
105.00	Free Oil	1.47

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

IA Operating Inc.

Connie 6-2

900 N Tyler Road
Wichita, KS. 67212

6-13-16- Ellis

Job Ticket: 17400

DST#: 1

ATTN: Randy Kilian

Test Start: 2004.05.17 @ 18:13:59

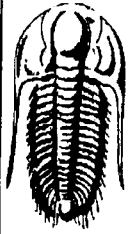
Tool Information

Drill Pipe:	Length: 3034.00 ft	Diameter: 3.80 inches	Volume: 42.56 bbl	Tool Weight: 3000.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 43.17 bbl</u>	Tool Chased 15.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	3170.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.00 ft			
Tool Length:	86.00 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			3150.00	
Shut In Tool	5.00			3155.00	
Hydraulic tool	5.00			3160.00	
Packer	5.00			3165.00	21.00 Bottom Of Top Packer
Packer	5.00			3170.00	
Stubb	1.00			3171.00	
Perforations	2.00			3173.00	
Change Over Sub	1.00			3174.00	
Recorder	0.00	6753	Inside	3174.00	
Blank Spacing	32.00			3206.00	
Change Over Sub	1.00			3207.00	
Perforations	25.00			3232.00	
Recorder	0.00	13252	Outside	3232.00	
Bullnose	3.00			3235.00	65.00 Bottom Packers & Anchor

Total Tool Length: 86.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

IA Operating Inc.

Connie 6-2

900 N Tyler Road
Wichita, KS. 67212

6-13-16- Ellis

Job Ticket: 17400

DST#: 1

ATTN: Randy Kilian

Test Start: 2004.05.17 @ 18:13:59

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	HOCM 10%G-25%O-65%M	0.295
360.00	GMCO-65%G-25%O-10%M	4.467
105.00	Free Oil	1.473

Total Length: 525.00 ft Total Volume: 6.235 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

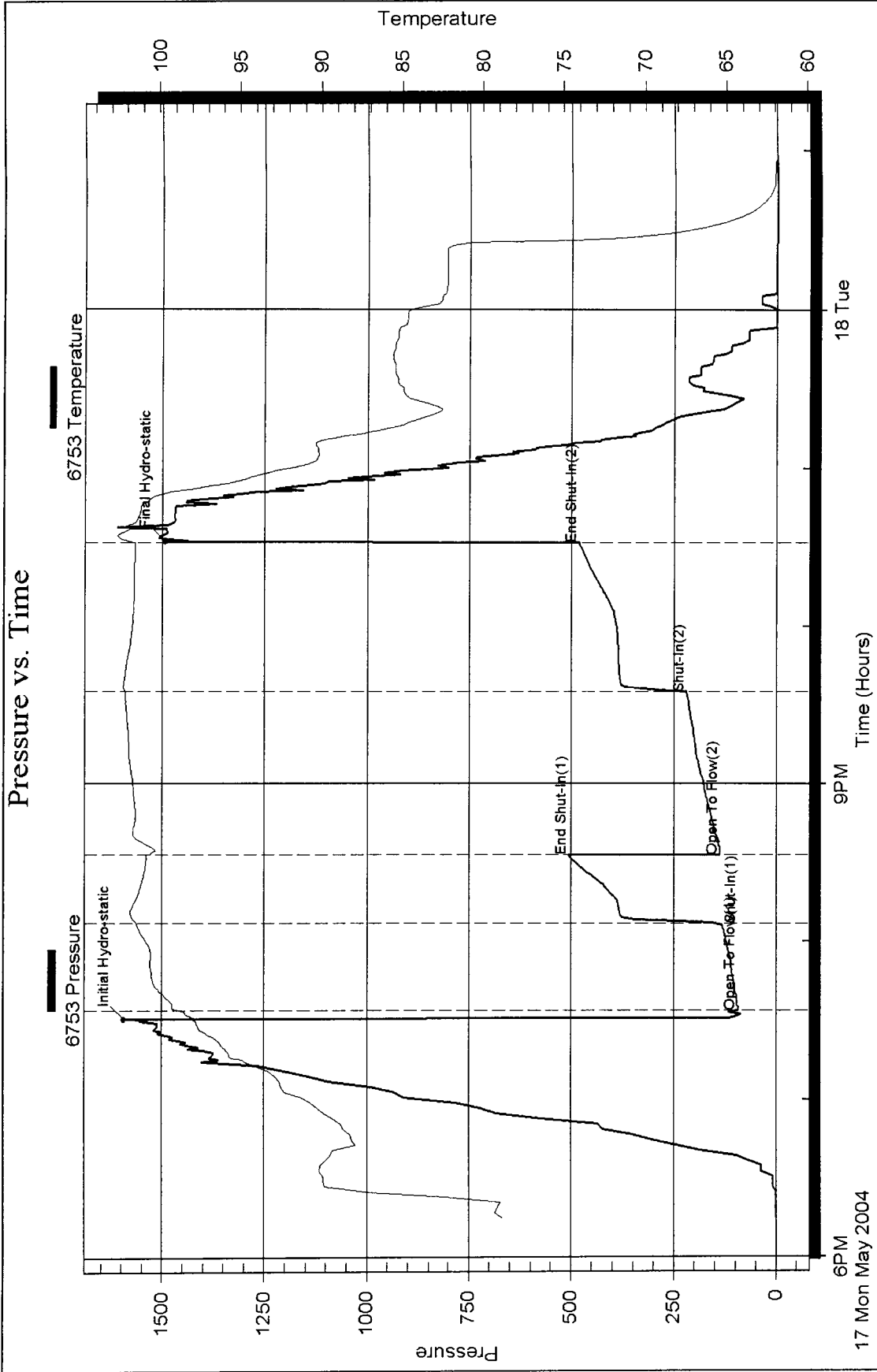
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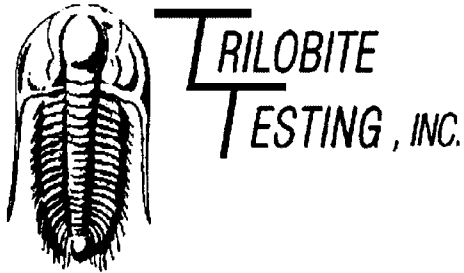
Serial #: 6753

Inside IA Operating Inc.

6-13-16- Ellis

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **IA Operating Inc.**

900 N Tyler Road
Wichita, KS. 67212

ATTN: Randy Kilian

6-13-16- Ellis

Connie 6-2

Start Date: 2004.05.18 @ 20:18:10

End Date: 2004.05.19 @ 02:57:25

Job Ticket #: 19476 DST #: 2

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

IA Operating Inc.

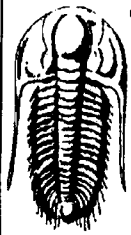
Connie 6-2

6-13-16- Ellis

DST # 2

LKC-"C-D"

2004.05.18



**TRILOBITE
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DRILL STEM TEST REPORT

IA Operating Inc.

Connie 6-2

900 N Tyler Road
Wichita, KS. 67212

6-13-16- Ellis

Job Ticket: 19476

DST#: 2

ATTN: Randy Kilian

Test Start: 2004.05.18 @ 20:18:10

GENERAL INFORMATION:

Formation: **LKC-"C-D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:54:20

Time Test Ended: 02:57:25

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 24

Interval: **3235.00 ft (KB) To 3282.00 ft (KB) (TVD)**

Reference Elevations: 1986.00 ft (KB)

Total Depth: 3235.00 ft (KB) (TVD)

1981.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6753 Inside

Press@RunDepth: 239.72 psig @ 3242.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2004.05.18

End Date: 2004.05.19

Last Calib.: 1899.12.30

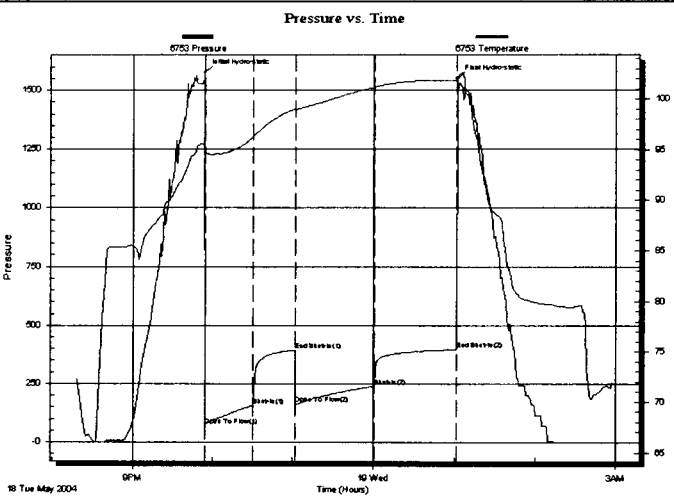
Start Time: 20:18:40

End Time: 02:57:25

Time On Btm: 2004.05.18 @ 21:54:00

Time Off Btm: 2004.05.19 @ 01:02:19

TEST COMMENT: IFF- Good Blow ,BOB in 7 min. Tool Slid 6-8 Ft.
IS- Blow back Built to 8"
FFP-Good Blow , BOB in 8 min.
FS- Blow back Built to



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1574.24	95.41	Initial Hydro-static
1	68.28	94.82	Open To Flow (1)
37	157.39	96.27	Shut-In (1)
68	394.00	99.04	End Shut-In (1)
68	164.09	98.93	Open To Flow (2)
127	239.72	101.13	Shut-In (2)
188	396.61	101.86	End Shut-In (2)
189	1548.99	102.07	Final Hydro-static

Recovery

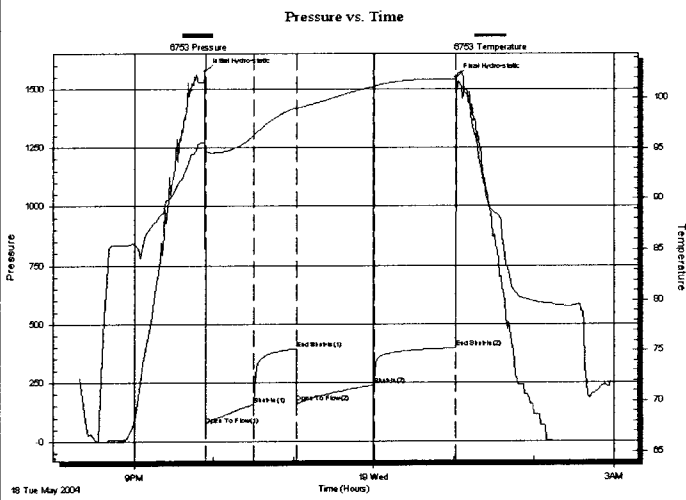
Length (ft)	Description	Volume (bbl)
300.00	Muddy Water	3.08
	Muddy Water	
180.00	Gassy Oil Cut Muddy Water 60%G-20%O-20%W	C2.52%W
75.00	Gassy Oil W/Water 15%G-80%O-5%W	1.05

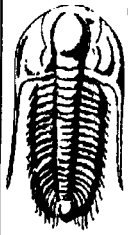
Gas Rates

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

Recovery Table

Length	Description	Volume
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

IA Operating Inc.

Connie 6-2

900 N Tyler Road
Wichita, KS. 67212

6-13-16- Ellis

Job Ticket: 19476

DST#: 2

ATTN: Randy Kilian

Test Start: 2004.05.18 @ 20:18:10

Tool Information

Drill Pipe:	Length: 3095.00 ft	Diameter: 3.80 inches	Volume: 43.41 bbl	Tool Weight: 2800.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 44.02 bbl</u>	Tool Chased 8.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	3235.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	68.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3215.00	
Shut In Tool	5.00			3220.00	
Hydraulic tool	5.00			3225.00	
Packer	5.00			3230.00	21.00 Bottom Of Top Packer
Packer	5.00			3235.00	
Stubb	1.00			3236.00	
Perforations	5.00			3241.00	
Change Over Sub	1.00			3242.00	
Recorder	0.00	6753	Inside	3242.00	
Blank Spacing	31.00			3273.00	
Change Over Sub	1.00			3274.00	
Perforations	5.00			3279.00	
Recorder	0.00	13252	Outside	3279.00	
Bullnose	3.00			3282.00	47.00 Bottom Packers & Anchor

Total Tool Length: 68.00



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DRILL STEM TEST REPORT

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IA Operating Inc.

Connie 6-2

900 N Tyler Road
Wichita, KS. 67212

6-13-16- Ellis

Job Ticket: 19476

DST#: 2

ATTN: Randy Kilian

Test Start: 2004.05.18 @ 20:18:10

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:

55000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	Muddy Water	3.079
	Muddy Water	
180.00	Gassy Oil Cut Muddy Water 60%G-20%O-15'	2.525
75.00	Gassy Oil W/Water 15%G-80%O-5%W	1.052

Total Length: 555.00 ft Total Volume: 6.656 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

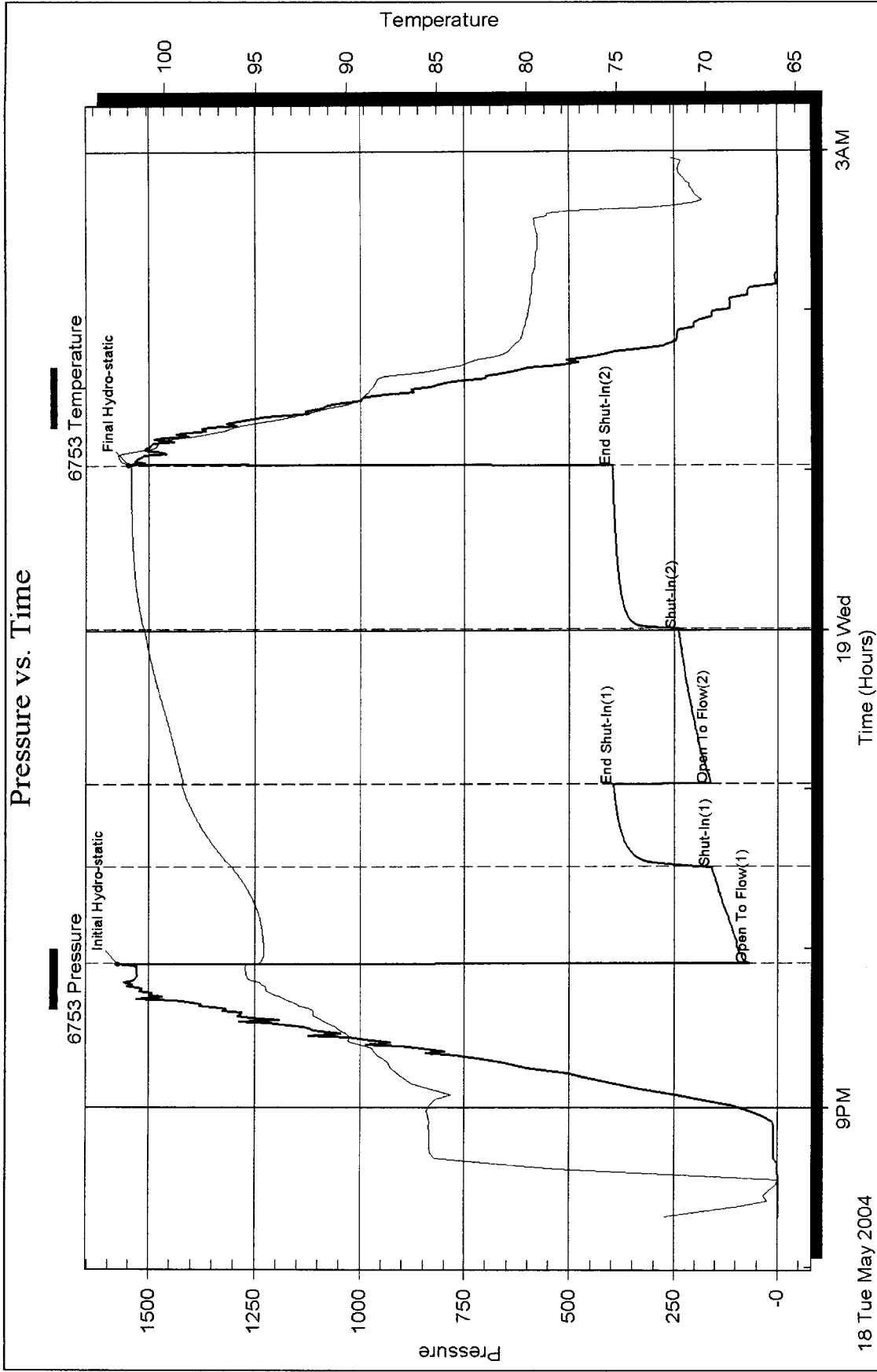
Serial #:

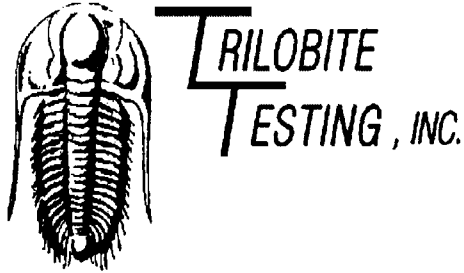
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **IA Operating Inc.**

900 N Tyler Road
Wichita, KS. 67212

ATTN: Randy Kilian

6-13-16- Ellis

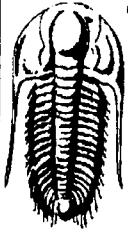
Connie 6-2

Start Date: 2004.05.18 @ 21:40:48

End Date: 2004.05.19 @ 03:37:33

Job Ticket #: 19477 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

IA Operating Inc.

900 N Tyler Road
Wichita, KS. 67212

ATTN: Randy Kilian

Connie 6-2

6-13-16- Ellis

Job Ticket: 19477

DST#: 3

Test Start: 2004.05.18 @ 21:40:48

GENERAL INFORMATION:

Formation: **LKC-"F-G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:02:58

Time Test Ended: 03:37:33

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 24

Interval: **3278.00 ft (KB) To 3325.00 ft (KB) (TVD)**

Total Depth: 3325.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1986.00 ft (KB)

1981.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6753 Inside

Press@RunDepth: 80.63 psig @ 3285.00 ft (KB)

Start Date: 2004.05.18

End Date:

2004.05.19

Start Time: 21:41:18

End Time:

03:37:33

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2004.05.18 @ 23:02:48

Time Off Btm: 2004.05.19 @ 02:04:38

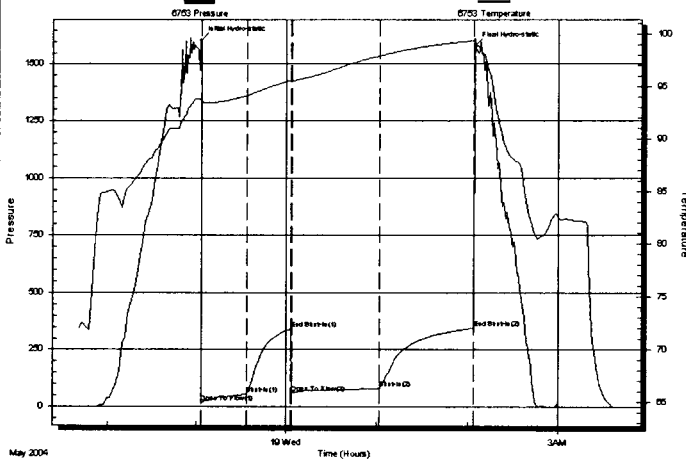
TEST COMMENT: IFP-Weak Blow , Built to 3-1/2"

ISI-No Blow back

FFP- Weak Blow , Built to 1-1/2"

FSI- No Blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1604.60	93.86	Initial Hydro-static
1	15.87	93.26	Open To Flow (1)
31	55.81	94.13	Shut-In (1)
61	341.16	95.61	End Shut-In (1)
61	60.96	95.52	Open To Flow (2)
119	80.63	97.92	Shut-In (2)
182	345.06	99.39	End Shut-In (2)
182	1579.98	99.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Muddy Water 70%W-30%M	0.59
49.00	OCMW 20%O-25%W-55%M	0.65
1.00	Oil	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

IA Operating Inc.

Connie 6-2

900 N Tyler Road
Wichita, KS. 67212

6-13-16- Ellis

Job Ticket: 19477

DST#: 3

ATTN: Randy Kilian

Test Start: 2004.05.18 @ 21:40:48

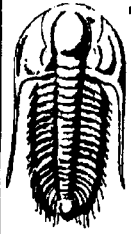
Tool Information

Drill Pipe:	Length: 3153.00 ft	Diameter: 3.80 inches	Volume: 44.23 bbl	Tool Weight: 2800.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 44.84 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	3278.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	68.00 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			3258.00	
Shut In Tool	5.00			3263.00	
Hydraulic tool	5.00			3268.00	
Packer	5.00			3273.00	21.00 Bottom Of Top Packer
Packer	5.00			3278.00	
Stubb	1.00			3279.00	
Perforations	5.00			3284.00	
Change Over Sub	1.00			3285.00	
Recorder	0.00	6753	Inside	3285.00	
Blank Spacing	31.00			3316.00	
Change Over Sub	1.00			3317.00	
Perforations	5.00			3322.00	
Recorder	0.00	13252	Outside	3322.00	
Bullnose	3.00			3325.00	47.00 Bottom Packers & Anchor

Total Tool Length: 68.00



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

IA Operating Inc.

Connie 6-2

900 N Tyler Road
Wichita, KS. 67212

6-13-16- Ellis

Job Ticket: 19477

DST#: 3

ATTN: Randy Kilian

Test Start: 2004.05.18 @ 21:40:48

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	34000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.77 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Muddy Water 70%W-30%M	0.590
49.00	OCMW 20%O-25%W-55%M	0.651
1.00	Oil	0.014

Total Length: 170.00 ft Total Volume: 1.255 bbl

Num Fluid Samples: 0

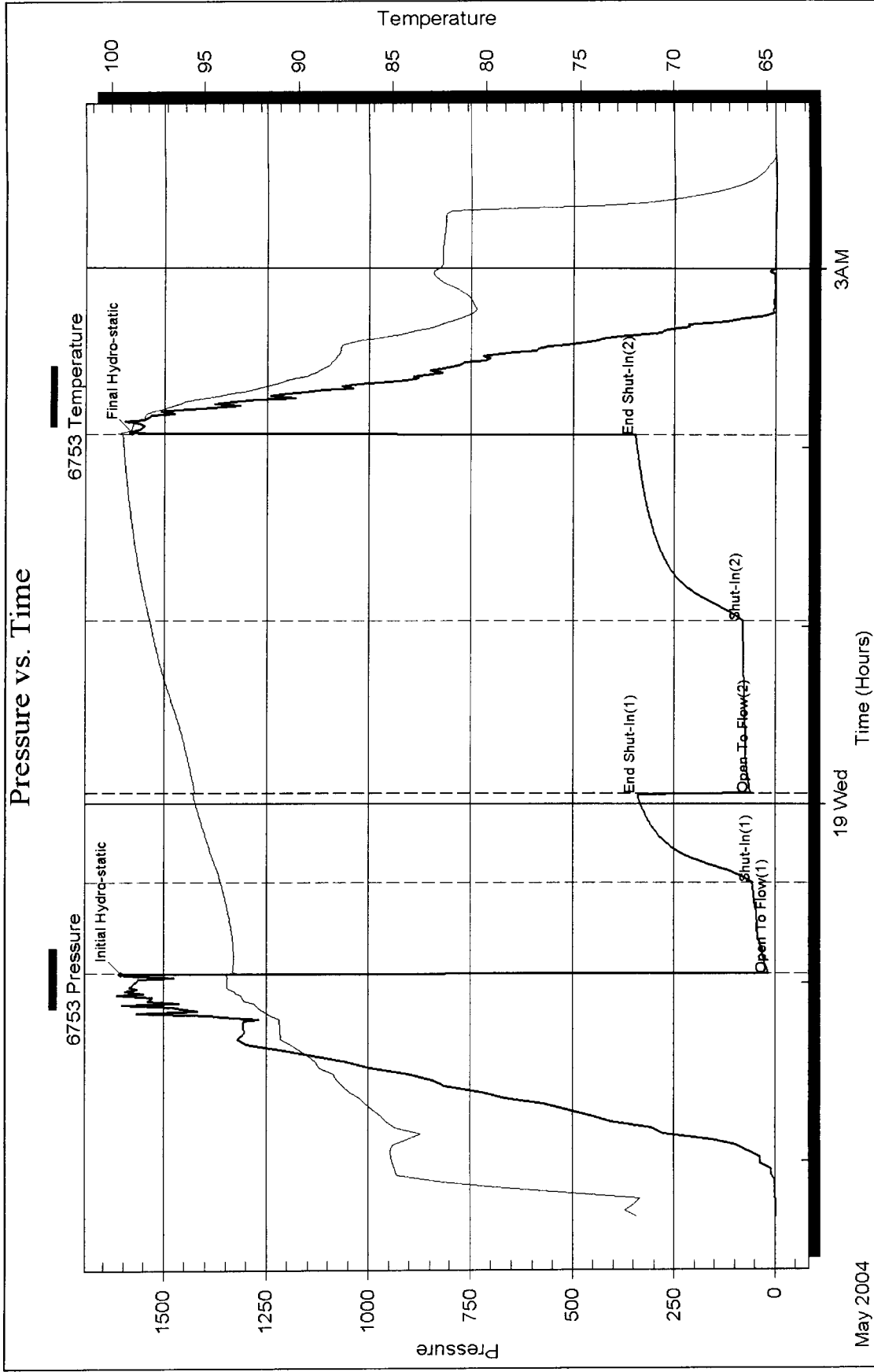
Num Gas Bombs: 0

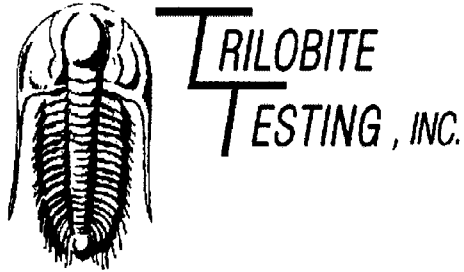
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **IA Operating Inc.**

900 N Tyler Road
Wichita, KS. 67212

ATTN: Randy Kilian

6-13-16- Ellis

Connie 6-2

Start Date: 2004.05.19 @ 14:40:00

End Date: 2004.05.19 @ 20:31:30

Job Ticket #: 19478 DST #: 4

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

IA Operating Inc.

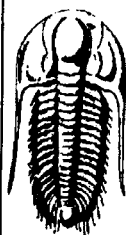
Connie 6-2

6-13-16- Ellis

DST # 4

LKC-"I-K"

2004.05.19



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

IA Operating Inc.

Connie 6-2

900 N Tyler Road
Wichita, KS. 67212

6-13-16- Ellis

ATTN: Randy Kilian

Job Ticket: 19478

DST#: 4

Test Start: 2004.05.19 @ 14:40:00

GENERAL INFORMATION:

Formation: **LKC-"I-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:02:40

Time Test Ended: 20:31:30

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 24

Interval: **3363.00 ft (KB) To 3435.00 ft (KB) (TVD)**

Total Depth: 3435.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1986.00 ft (KB)

1981.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6753

Inside

Press@RunDepth: 70.66 psig @ 3370.00 ft (KB)

Start Date: 2004.05.19

End Date:

2004.05.19

Capacity: 7000.00 psig

Last Calib.:

1899.12.30

Start Time: 14:40:30

End Time:

20:31:30

Time On Btm:

2004.05.19 @ 16:02:30

Time Off Btm:

2004.05.19 @ 18:34:50

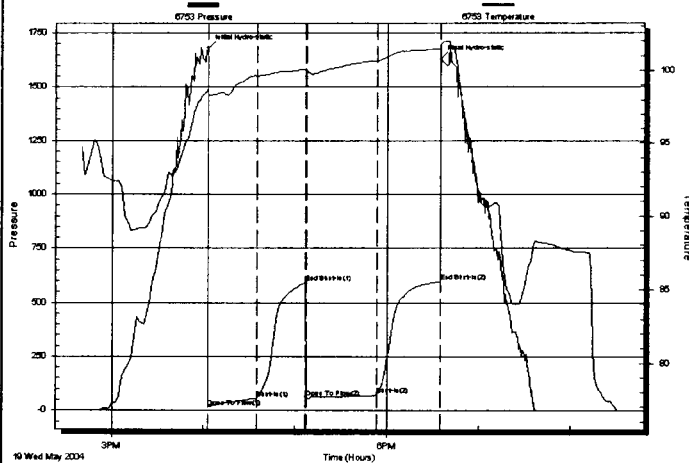
TEST COMMENT: IFP-Weak Blow , Built to 2"

ISI-No Blow back

FFP- Weak Blow , Built to 4-1/2"

FSI No Blow back

Pressure vs. Time



PRESSURE SUMMARY

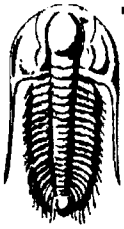
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1680.11	98.73	Initial Hydro-static
1	15.31	98.24	Open To Flow (1)
33	55.99	99.62	Shut-In(1)
65	592.22	100.10	End Shut-In(1)
65	59.49	99.94	Open To Flow (2)
111	70.66	100.64	Shut-In(2)
152	597.65	101.44	End Shut-In(2)
153	1630.18	101.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	HOCM-20%G-35%O-45%M	0.97

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

IA Operating Inc.

Connie 6-2

900 N Tyler Road
Wichita, KS. 67212

6-13-16- Ellis

Job Ticket: 19478

DST#: 4

ATTN: Randy Kilian

Test Start: 2004.05.19 @ 14:40:00

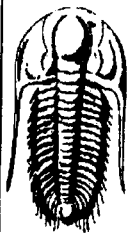
Tool Information

Drill Pipe:	Length: 3250.00 ft	Diameter: 3.80 inches	Volume: 45.59 bbl	Tool Weight: 3000.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 46.20 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	3363.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	72.00 ft			
Tool Length:	93.00 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			3343.00	
Shut In Tool	5.00			3348.00	
Hydraulic tool	5.00			3353.00	
Packer	5.00			3358.00	21.00 Bottom Of Top Packer
Packer	5.00			3363.00	
Stubb	1.00			3364.00	
Perforations	5.00			3369.00	
Change Over Sub	1.00			3370.00	
Recorder	0.00	6753	Inside	3370.00	
Blank Spacing	31.00			3401.00	
Change Over Sub	1.00			3402.00	
Perforations	30.00			3432.00	
Recorder	0.00	13252	Outside	3432.00	
Bullnose	3.00			3435.00	72.00 Bottom Packers & Anchor

Total Tool Length: 93.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

IA Operating Inc.

Connie 6-2

900 N Tyler Road
Wichita, KS. 67212

6-13-16- Ellis

Job Ticket: 19478

DST#: 4

ATTN: Randy Kilian

Test Start: 2004.05.19 @ 14:40:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	HOCM-20%G-35%O-45%M	0.975

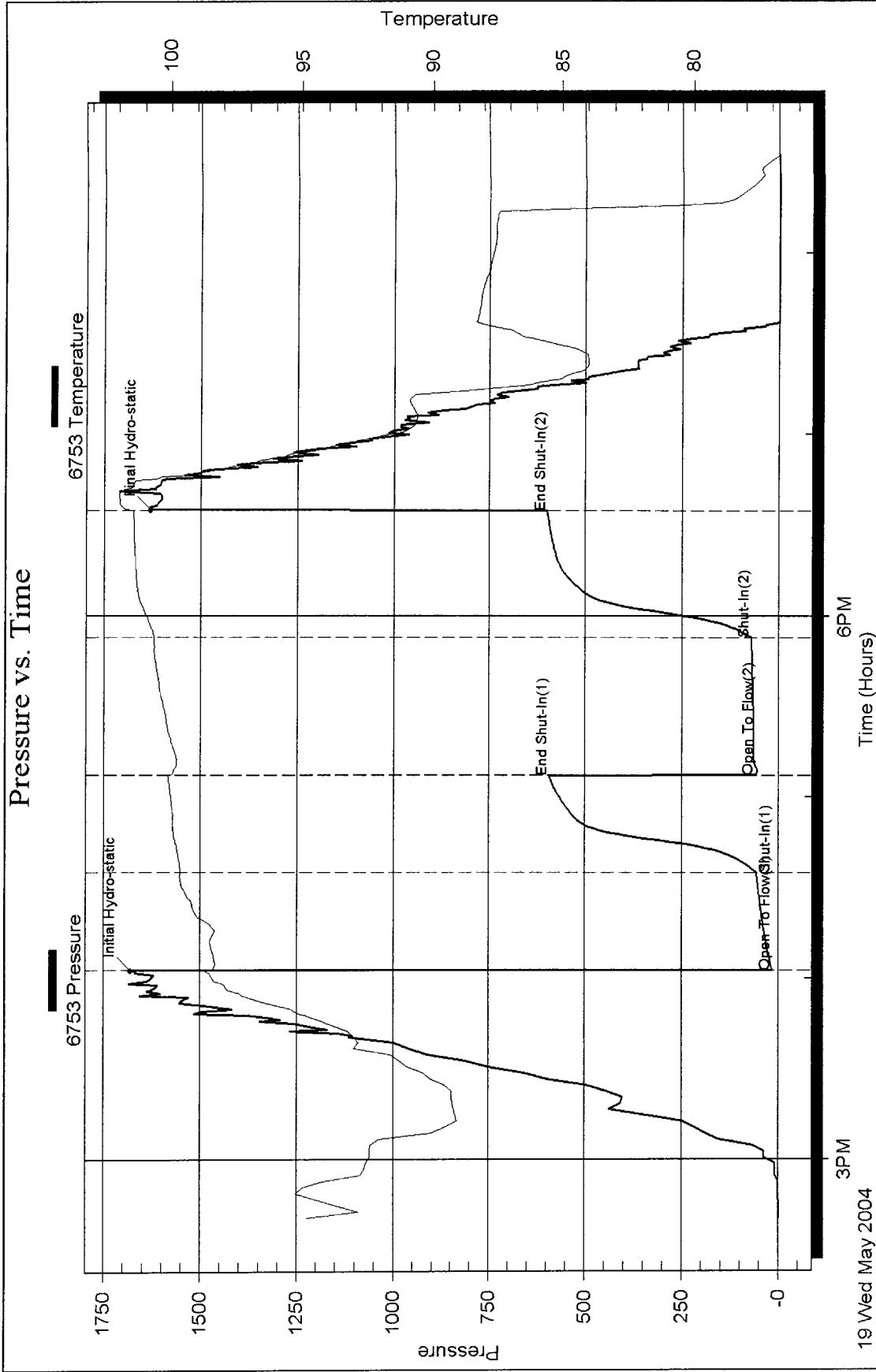
Total Length: 150.00 ft Total Volume: 0.975 bbl

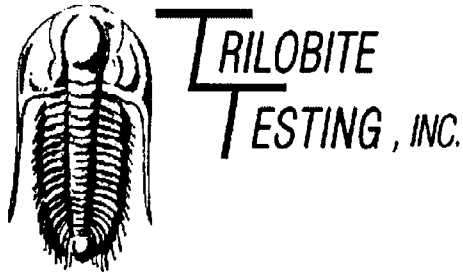
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **IA Operating Inc.**

900 N Tyler Road
Wichita, KS. 67212

ATTN: Randy Kilian

6-13-16- Ellis

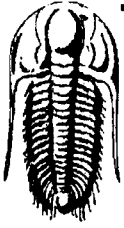
Connie 6-2

Start Date: 2004.05.20 @ 04:54:16

End Date: 2004.05.20 @ 11:17:01

Job Ticket #: 19479 DST #: 5

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

IA Operating Inc.

Connie 6-2

900 N Tyler Road
Wichita, KS. 67212

6-13-16- Ellis

Job Ticket: 19479

DST#: 5

ATTN: Randy Kilian

Test Start: 2004.05.20 @ 04:54:16

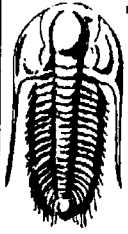
Tool Information

Drill Pipe:	Length: 3311.00 ft	Diameter: 3.80 inches	Volume: 46.44 bbl	Tool Weight: 2400.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 47.05 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 67000.00 lb
Depth to Top Packer:	3448.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	29.00 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			3428.00	
Shut In Tool	5.00			3433.00	
Hydraulic tool	5.00			3438.00	
Packer	5.00			3443.00	21.00 Bottom Of Top Packer
Packer	5.00			3448.00	
Stubb	1.00			3449.00	
Perforations	2.00			3451.00	
Recorder	0.00	6753	Inside	3451.00	
Perforations	23.00			3474.00	
Recorder	0.00	13252	Outside	3474.00	
Bullnose	3.00			3477.00	29.00 Bottom Packers & Anchor

Total Tool Length: 50.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

IA Operating Inc.

Connie 6-2

900 N Tyler Road
Wichita, KS. 67212

6-13-16- Ellis

Job Ticket: 19479

DST#: 5

ATTN: Randy Kilian

Test Start: 2004.05.20 @ 04:54:16

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
245.00	HMCO-10%G-50%O-40%M	2.307

Total Length: 245.00 ft Total Volume: 2.307 bbl

Num Fluid Samples: 0

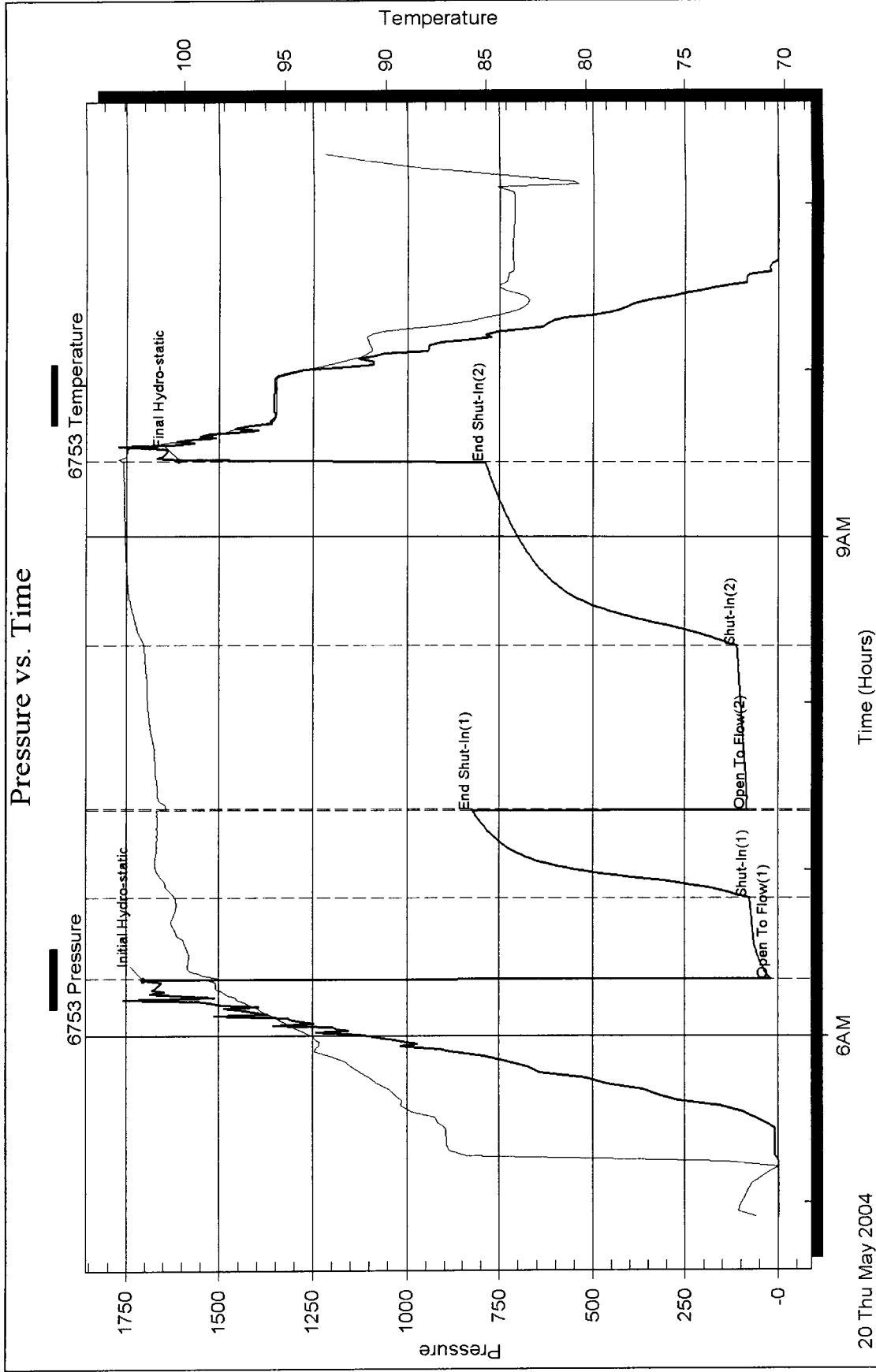
Num Gas Bombs: 0

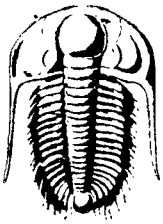
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 17400

Test Ticket

Well Name & No. CORNER 6-2 Test No. 1 Date 5-17-04
 Company IA Operations Inc Zone Tested Toronto - Lake A
 Address 900 N Tyler Road, Wichita, KS 67212 Elevation 2270 KB 2005 GL
 Co. Rep / Geo. Randy Kellian Cont. Murfin #16 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 6 Twp. 13 Rge. 16 Co. Ellis State Ks
 No. of Copies Reg Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3170 - 3235 Initial Str Wt./Lbs. 65,000 Unseated Str Wt./Lbs. 69,000
 Anchor Length 65' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 90,000
 Top Packer Depth 3165 Tool Weight 3000
 Bottom Packer Depth 3170 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3235 Wt. Pipe Run 0 Drill Collar Run 127
 Mud Wt. 8.8 LCM 1/8 Vis. 47 WL 8.8 Drill Pipe Size 4 1/2 XH Ft. Run 3034
 Blow Description IFF - Tool slid 15', bleed off, BOB in 3 min
ISI - Blowback Built to 7"
FFP - Good Blow BOB in 7 min
FSI - Blowback Built to BOB in 30 min

Recovery - Total Feet 525 GIP 1440 Ft. in DC _____ Ft. in DP _____
 Rec. 105 Feet of Free Oil
 Rec. 360 Feet of Gassy Mud cut oil 65% Gas 25% Oil, 10% Mud
 Rec. 60 Feet of HOCM 10% Gas 25% Oil 65% Mud
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 BHT _____ °F Gravity 41 °API D @ 62 °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 6,000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	1593	PSI	<u>6753</u>	<u>700</u>
(B) First Initial Flow Pressure	99	PSI	(depth) <u>3174</u>	Elec. Rec. <u>150</u>
(C) First Final Flow Pressure	132	PSI	Recorder No. <u>13252</u>	Jars _____
(D) Initial Shut-In Pressure	505	PSI	(depth) <u>3232</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	139	PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure	219	PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	481	PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud	1493	PSI	Initial Shut-In <u>30</u>	Ext. Packer _____

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGE 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 Jason McFarman

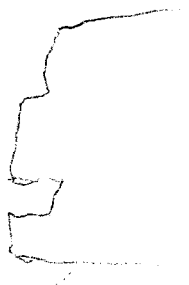
Final Flow	<u>60</u>	Shale Packer	_____
Final Shut-In	<u>60</u>	Mileage	<u>32 27.20</u>
T-On Location	<u>16:30</u>	Sub Total:	<u>877.20</u>
T-Started	<u>18:13</u>	Std. By	_____
T-Open	<u>19:31</u>	Other	_____
T-Pulled	<u>22:31</u>	Total:	_____
T-Out	<u>00:35</u>		

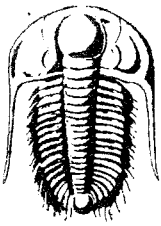
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CHART PAGE

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

FA operating
Came G-2
DST #1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No. 19476

05/03

Test Ticket

Well Name & No. Connie 6-2 Test No. 2 Date 5-18-04
 Company I A Operating Inc Zone Tested C-D
 Address 900 N. Tyler Road, Wichita, Ks. 67212 Elevation 1986 KB 1981 GL
 Co. Rep / Geo. Randy Kilian Cont. Murfin # 16 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 6 Twp. 13 Rge. 16 Co. Ellis State Ks
 No. of Copies Reg Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3235-3282 Initial Str Wt./Lbs. 64,000 Unseated Str Wt./Lbs. 70,000
 Anchor Length 47' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 100,000
 Top Packer Depth 3230 Tool Weight 2800
 Bottom Packer Depth 3235 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3282 Wt. Pipe Run 0 Drill Collar Run 124
 Mud Wt. 8.8 LCM 48 Vis. 51 WL 8.0 Drill Pipe Size 4 1/2 XH Ft. Run 3095
 Blow Description IFP - Good Blow, BOB in 7 min., Tool string 6-8'
ISI - Blowback built to 8"
FFP - Good Blow, BOB in 8 min
FSZ - Blowback Built to BOB in 30 min

Recovery - Total Feet 555 GIP 1185 Ft. in DC _____ Ft. in DP _____
 Rec. 75 Feet of Gassy Oil w/ water 15 %gas 80 %oil 5 %water _____ %mud _____
 Rec. 180 Feet of Gassy Oil cut muddy water 60 %gas 20 %oil 15 %water 5 %mud _____
 Rec. 300 Feet of Muddy Water %gas _____ %oil 99 %water 1 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 102 °F Gravity 40 °API D @ 70 °F Corrected Gravity 39 °API
 RW 122 @ 75 °F Chlorides 55,000 ppm Recovery _____ Chlorides 5,000 ppm System

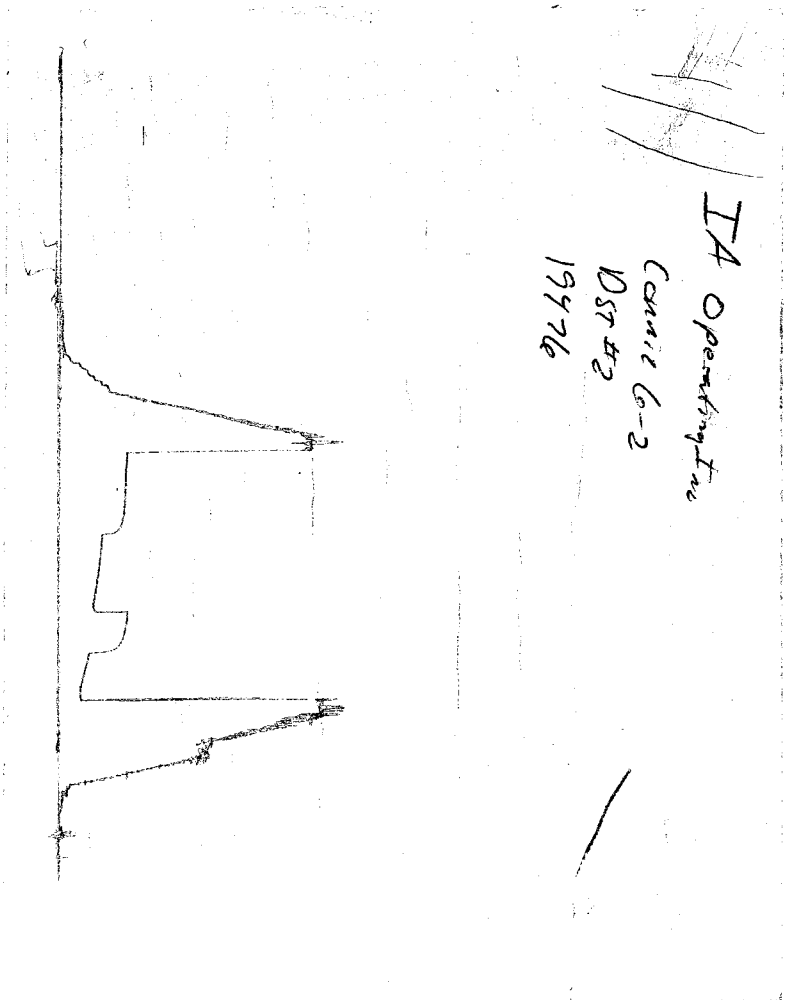
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1574</u> PSI	<u>6753</u>	✓
(B) First Initial Flow Pressure		<u>68</u> PSI	(depth) <u>3242</u>	Elec. Rec. ✓
(C) First Final Flow Pressure		<u>157</u> PSI	Recorder No. <u>13252</u>	Jars
(D) Initial Shut-In Pressure		<u>394</u> PSI	(depth) <u>3279</u>	Safety Jt.
(E) Second Initial Flow Pressure		<u>164</u> PSI	Recorder No. _____	Circ Sub
(F) Second Final Flow Pressure		<u>240</u> PSI	(depth) _____	Sampler
(G) Final Shut-In Pressure		<u>397</u> PSI	Initial Opening <u>30</u>	Straddle
(Q) Final Hydrostatic Mud		<u>1549</u> PSI	Initial Shut-In <u>30</u>	Ext. Packer
			Final Flow <u>60</u>	Shale Packer
			Final Shut-In <u>60</u>	Mileage <u>16</u>
			T-On Location <u>7:50</u>	Sub Total: <u>877.20</u>
			T-Started <u>8:18</u>	Std. By _____
			T-Open <u>9:55</u>	Other _____
			T-Pulled <u>12:55</u>	Total: _____
			T-Out <u>14:45</u>	

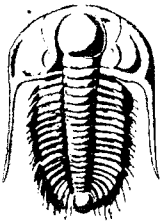
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

Approved By _____
 Our Representative Jean Mc Lanon

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No. 19477

05/03

Test Ticket

Well Name & No. Connie 6-2 Test No. 3 Date 5-18-04
 Company IA Operating, Inc Zone Tested LKC - "F-G"
 Address 900 N Tyler Road, Wichita, Ks. 67212 Elevation 1986 KB 1981 GL
 Co. Rep / Geo. Randy Kilian Cont. Murfin #16 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 6 Twp. 13 Rge. 16 Co. Ellis State Ks
 No. of Copies Reg Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3278-3325 Initial Str Wt./Lbs. 64,000 Unseated Str Wt./Lbs. 64,000
 Anchor Length 47' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 70,000
 Top Packer Depth 3273 Tool Weight 2,800
 Bottom Packer Depth 3278 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3325 Wt. Pipe Run 0 Drill Collar Run 124
 Mud Wt. 8.8 LCM 1/8 Vis. 51 WL 8.0 Drill Pipe Size 4 1/2 XH Ft. Run 3153

Blow Description IFP - Weak Blow, Built to 3 1/2"
ISI - No Blowback
FFP - Weak Blow, Built to 1 1/2"
FSI - No Blowback

Recovery - Total Feet 170 GIP _____ Ft. in DC _____ Ft. in DP _____
 Rec. 1 Feet of Oil %gas _____ %oil _____ %water _____ %mud _____
 Rec. 49' Feet of OC MW %gas 20 %oil 25 %water 55 %mud _____
 Rec. 120 Feet of MW %gas _____ %oil 70 %water 30 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 99 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW 208 @ 65 °F Chlorides 34,000 ppm Recovery _____ Chlorides 5,000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1605</u> PSI	<u>6753</u>	✓
(B) First Initial Flow Pressure		<u>16</u> PSI	(depth) <u>3285</u>	Elec. Rec. ✓
(C) First Final Flow Pressure		<u>56</u> PSI	Recorder No. <u>13252</u>	Jars _____
(D) Initial Shut-In Pressure		<u>341</u> PSI	(depth) <u>3322</u>	Safety Jt. _____
(E) Second Initial Flow Pressure		<u>61</u> PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure		<u>81</u> PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure		<u>345</u> PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud		<u>1580</u> PSI	Initial Shut-In <u>30</u>	Ext. Packer _____
			Final Flow <u>60</u>	Shale Packer _____
			Final Shut-In <u>60</u>	Mileage <u>16</u>
			T-On Location <u>20:40</u>	Sub Total: <u>877.00</u>
			T-Started <u>21:40</u>	Std. By _____
			T-Open <u>23:01</u>	Other _____
			T-Pulled <u>2:01</u>	Total: _____
			T-Out <u>3:25</u>	

Approved By _____
 Our Representative Jaron Mc Lemore Thank You

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.

CHART PAGE

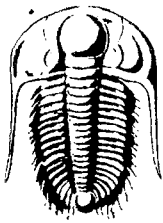
This is a photocopy of the actual AK-1 recorder chart

LAOSE

Comic 6-2

OST#3

19477



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 19478

05/03

Test Ticket

Well Name & No. Connie 6-2 Test No. 4 Date 5-19-04
 Company IA Operating, Inc Zone Tested LKC-"I-K"
 Address 900 N. Tyler Road, Wichita, Ks 67212 Elevation _____ KB _____ GL _____
 Co. Rep / Geo. Randy Kilian Cont. Murfin 16 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 6 Twp. 13 Rge. 16 Co. Ellis State Ks
 No. of Copies Reg Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3363 - 3435 Initial Str Wt./Lbs. 64,000 Unseated Str Wt./Lbs. 64,000
 Anchor Length 72' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 70,000
 Top Packer Depth 3358 Tool Weight 3000
 Bottom Packer Depth 3363 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3435 Wt. Pipe Run 0 Drill Collar Run 124
 Mud Wt. 8.8 LCM TR Vjs. 48 WL 8.0 Drill Pipe Size 4 1/2 XH Ft. Run 3250

Blow Description IFP - Weak Blow, Built to 2"
ISI - No Blowback
FFP - Weak Blow, Built to 4 1/2"
FSI - No Blowback

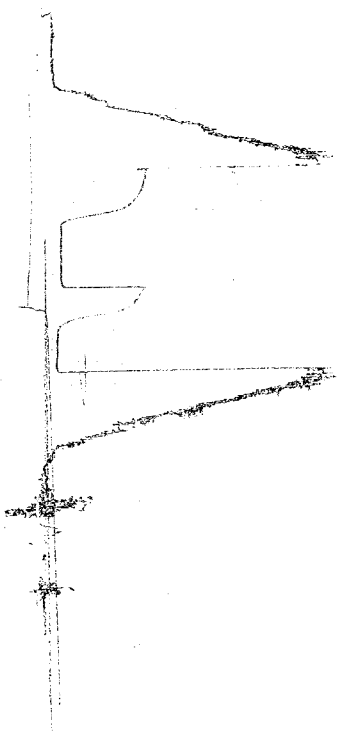
Recovery - Total Feet 150 GIP 240 Ft. in DC _____ Ft. in DP _____
 Rec. 150 Feet of HOC m 20 %gas 35 %oil 0 %water 45 %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 101 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 6,000 ppm System

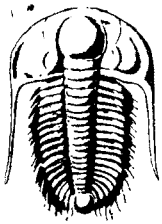
(A) Initial Hydrostatic Mud	AK-1	Alpine	1680	PSI	Recorder No.	6753	Test	✓
(B) First Initial Flow Pressure			15	PSI	(depth)	3370	Elec. Rec.	✓
(C) First Final Flow Pressure			56	PSI	Recorder No.	13252	Jars	
(D) Initial Shut-In Pressure			592	PSI	(depth)	3432	Safety Jt.	
(E) Second Initial Flow Pressure			60	PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure			71	PSI	(depth)		Sampler	
(G) Final Shut-In Pressure			598	PSI	Initial Opening	30	Straddle	
(Q) Final Hydrostatic Mud			1630	PSI	Initial Shut-In	30	Ext. Packer	
					Final Flow	45	Shale Packer	
					Final Shut-In	45	Mileage	16
					T-On Location	13:40	Sub Total:	877.20
					T-Started	14:40	Std. By	
					T-Open	16:03	Other	
					T-Pulled	18:33	Total:	
					T-Out	20:30		

Approved By _____
 Our Representative Jana Mc Lemore *Frank*

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

IA Operating
Carrid 6-2
DST # 4
19478





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No. 19479

05/03

Test Ticket

Well Name & No. Connie 6-2 Test No. 5 Date 5-20-04
 Company IA Operating Inc. Zone Tested Arbuckle
 Address 900 N. Tyler Road, Wichita, KS 67212 Elevation 1986 KB 1981 GL
 Co. Rep / Geo. Randy Kilian Cont. Murfin #16 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 6 Twp. 13 Rge. 16 Co. Ellis State KS
 No. of Copies Reg Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3448-3477 Initial Str Wt./Lbs. 67,000 Unseated Str Wt./Lbs. 68,000
 Anchor Length 29 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 70,000
 Top Packer Depth 3443 Tool Weight 2400
 Bottom Packer Depth 3448 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3477 Wt. Pipe Run 0 Drill Collar Run 124
 Mud Wt. 8.8 LCM TR Vis. 50 WL 8.0 Drill Pipe Size 4 1/2 XH Ft. Run 3311
 Blow Description IFP - Good Blow, Built to 8 1/2", No Blowback
FFP - Fair Blow, Built to 5", No Blowback

Recovery - Total Feet 245 GIP _____ Ft. in DC _____ Ft. in DP _____
 Rec. 245 Feet of HMCO 10 %gas 50 %oil 0 %water 40 %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 BHT 103 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 6,000 ppm System

	AK-1	Alpine	Recorder No.	
(A) Initial Hydrostatic Mud		<u>1702</u> PSI	<u>6753</u>	Test <input checked="" type="checkbox"/>
(B) First Initial Flow Pressure		<u>21</u> PSI	(depth) <u>3451</u>	Elec. Rec. <input checked="" type="checkbox"/>
(C) First Final Flow Pressure		<u>76</u> PSI	Recorder No. <u>13252</u>	Jars _____
(D) Initial Shut-In Pressure		<u>822</u> PSI	(depth) <u>3474</u>	Safety Jt. _____
(E) Second Initial Flow Pressure		<u>83</u> PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure		<u>109</u> PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure		<u>788</u> PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud		<u>1608</u> PSI	Initial Shut-In <u>30</u>	Ext. Packer _____
			Final Flow <u>60</u>	Shale Packer _____
			Final Shut-In <u>60</u>	Mileage <u>16</u>
			T-On Location <u>4:20</u>	Sub Total: <u>877.20</u>
			T-Started <u>4:54</u>	Std. By _____
			T-Open <u>6:21</u>	Other _____
			T-Pulled <u>9:21</u>	Total: _____
			T-Out <u>11:10</u>	

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

Approved By [Signature]
 Our Representative Jason M. Lemone Thank You

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

IA Operation
Circle 6-2
DST# 5
19479

