



DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co LLC**

P O Box 428
Logan Ks 67646

ATTN: Jim Baird

30-7-20-Rooks-Ks

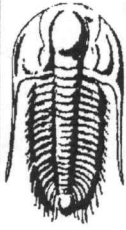
#1-30 D P Jones

Start Date: 2004.10.21 @ 16:35:25

End Date: 2004.10.22 @ 00:14:25

Job Ticket #: 20192 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

Baird Oil Co LLC

#1-30 D P Jones

P O Box 428
Logan Ks 67646

30-7-20-Rooks-Ks

ATTN: Jim Baird

Job Ticket: 20192

DST#: 1

Test Start: 2004.10.21 @ 16:35:25

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:33:55

Time Test Ended: 00:14:25

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: **3200.00 ft (KB) To 3227.00 ft (KB) (TVD)**

Total Depth: 3227.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2001.00 ft (KB)

1996.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **6799**

Inside

Press@RunDepth: 894.38 psig @ 3201.00 ft (KB)

Start Date: 2004.10.21

End Date:

2004.10.22

Start Time: 16:35:26

End Time:

00:14:25

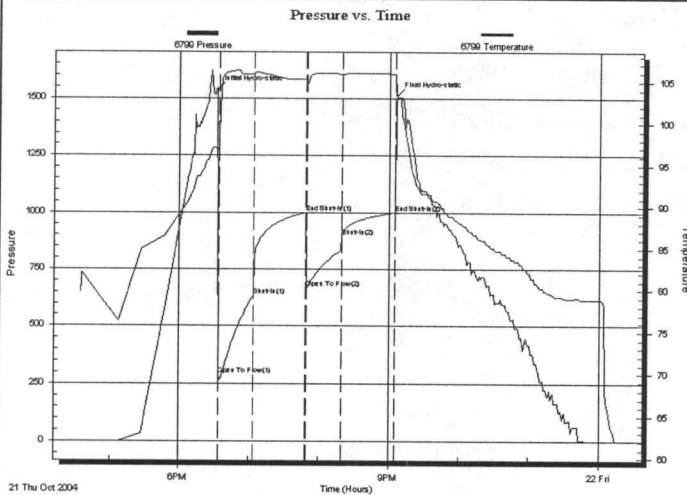
Capacity: 7000.00 psig

Last Calib.: 2004.10.22

Time On Btm: 2004.10.21 @ 18:32:25

Time Off Btm: 2004.10.21 @ 21:05:55

TEST COMMENT: IF-Strong B-B in 20 sec
IS-Weak building to 1.5"
FF-Strong B-B in 20 sec
FS-Weak steady surface blow



PRESSURE SUMMARY

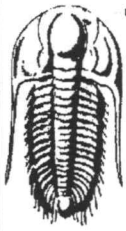
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1539.31	97.11	Initial Hydro-static
2	285.40	98.74	Open To Flow (1)
31	631.40	105.94	Shut-In(1)
76	998.87	105.36	End Shut-In(1)
77	666.55	104.82	Open To Flow (2)
107	894.38	105.90	Shut-In(2)
152	998.68	105.90	End Shut-In(2)
154	1514.02	103.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Wtr	0.30
30.00	Wtr CO 80%o 20%w	0.15
30.00	Frothy O	0.15
62.00	M&WCO 80%o 10%w 10%m	0.85
2232.00	CGsyO 10%g 90%o	31.31
0.00	310 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co LLC

#1-30 D P Jones

P O Box 428
Logan Ks 67646

30-7-20-Rooks-Ks

Job Ticket: 20192

DST#: 1

ATTN: Jim Baird

Test Start: 2004.10.21 @ 16:35:25

Tool Information

Drill Pipe:	Length: 3066.00 ft	Diameter: 3.80 inches	Volume: 43.01 bbl	Tool Weight: 1800.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 43.62 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3200.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	48.00 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			3180.00	
Shut In Tool	5.00			3185.00	
Hydraulic tool	5.00			3190.00	
Packer	5.00			3195.00	21.00 Bottom Of Top Packer
Packer	5.00			3200.00	
Stubb	1.00			3201.00	
Recorder	0.00	6799	Inside	3201.00	
Perforations	23.00			3224.00	
Recorder	0.00	13254	Outside	3224.00	
Bullnose	3.00			3227.00	27.00 Bottom Packers & Anchor
Total Tool Length:	48.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co LLC

#1-30 D P Jones

P O Box 428
Logan Ks 67646

30-7-20-Rooks-Ks

Job Ticket: 20192

DST#: 1

ATTN: Jim Baird

Test Start: 2004.10.21 @ 16:35:25

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:

12000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	Wtr	0.305
30.00	Wtr CO 80%o 20%w	0.148
30.00	Frothy O	0.148
62.00	M&WCO 80%o 10%w 10%m	0.851
2232.00	CGsyO 10%g 90%o	31.309
0.00	310 GIP	0.000

Total Length: 2416.00 ft

Total Volume: 32.761 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6799

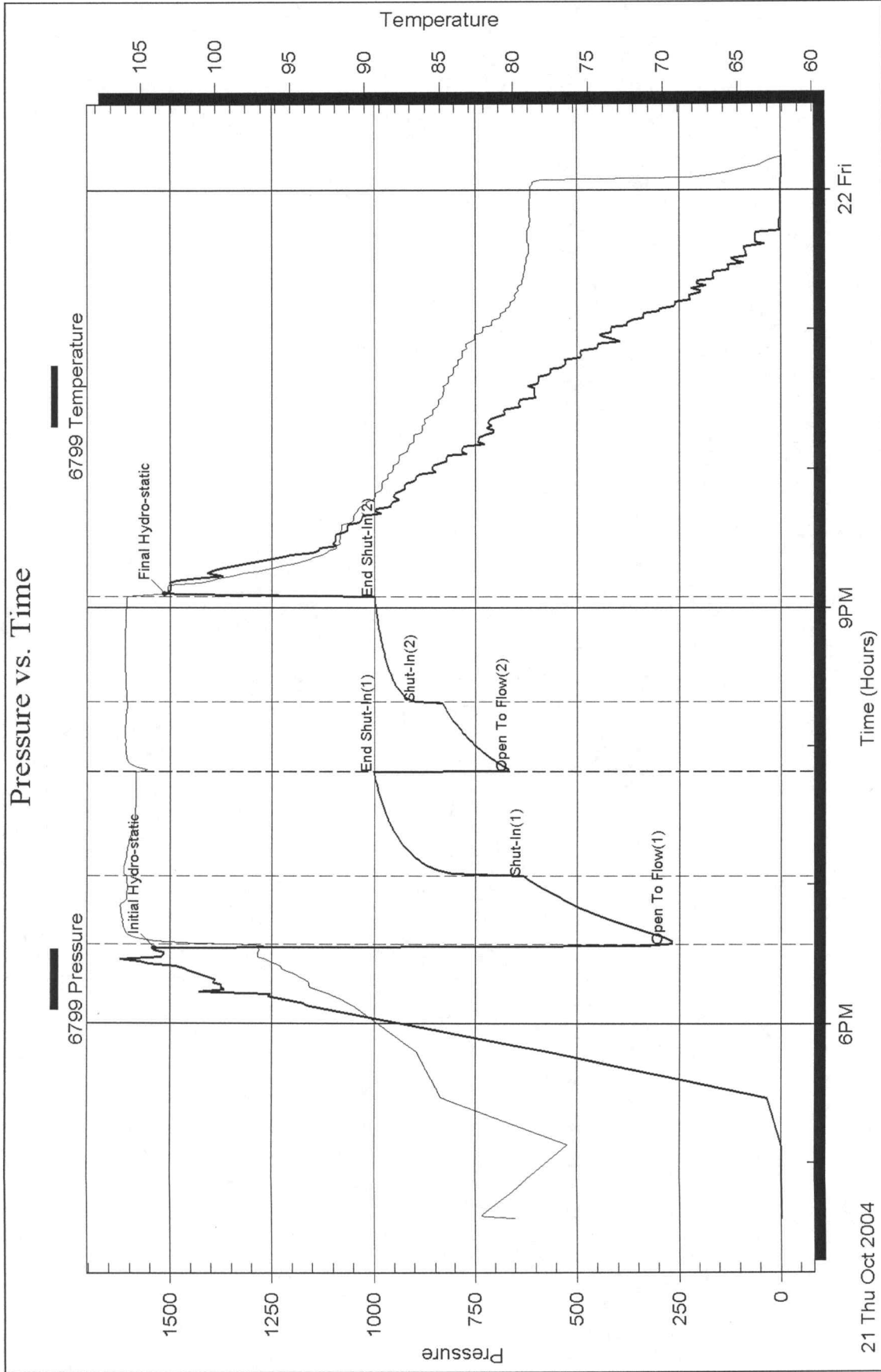
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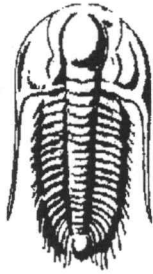
Baird Oil Co LLC

30-7-20-Rooks-Ks

DST Test Number: 1

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co LLC**

P O Box 428
Logan Ks 67646

ATTN: Jim Baird

30-7-20-Rooks-Ks

#1-30 D P Jones

Start Date: 2004.10.22 @ 06:55:48

End Date: 2004.10.22 @ 12:21:18

Job Ticket #: 20193 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Baird Oil Co LLC

#1-30 D P Jones

30-7-20-Rooks-Ks

DST # 2

A

LKC

2004.10.22



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Co LLC

#1-30 D P Jones

P O Box 428
Logan Ks 67646

30-7-20-Rooks-Ks

ATTN: Jim Baird

Job Ticket: 20193

DST#: 2

Test Start: 2004.10.22 @ 06:55:48

GENERAL INFORMATION:

Formation: **A LKC**

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

Time Tool Opened: 08:55:18

Time Test Ended: 12:21:18

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: **3225.00 ft (KB) To 3248.00 ft (KB) (TVD)**

Total Depth: 3248.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2001.00 ft (KB)

1996.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6799 Inside

Press@RunDepth: 16.97 psig @ 3226.00 ft (KB)

Start Date: 2004.10.22

End Date: 2004.10.22

Start Time: 06:55:49

End Time: 12:21:18

Capacity: 7000.00 psig

Last Calib.: 2004.10.22

Time On Btm: 2004.10.22 @ 08:53:48

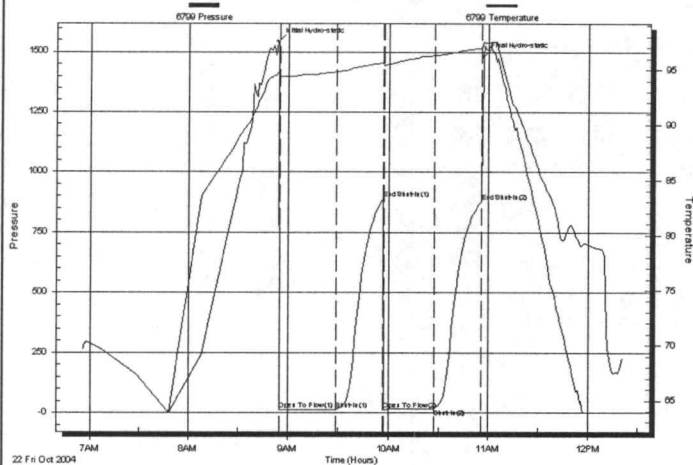
Time Off Btm: 2004.10.22 @ 10:56:48

TEST COMMENT: IF-Weak died in 30 min

FF-No blow

Times-30-30-30-30

Pressure vs. Time



PRESSURE SUMMARY

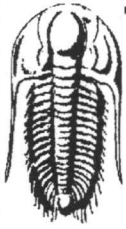
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1542.69	94.71	Initial Hydro-static
2	10.69	94.34	Open To Flow (1)
35	12.53	94.83	Shut-In(1)
63	890.47	95.63	End Shut-In(1)
64	13.77	95.39	Open To Flow (2)
94	16.97	96.30	Shut-In(2)
122	878.39	96.97	End Shut-In(2)
123	1480.78	97.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Silty OCM 3%o 97% m	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co LLC

#1-30 D P Jones

P O Box 428
Logan Ks 67646

30-7-20-Rooks-Ks

Job Ticket: 20193

DST#: 2

ATTN: Jim Baird

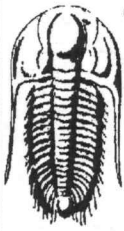
Test Start: 2004.10.22 @ 06:55:48

Tool Information

Drill Pipe:	Length: 3097.00 ft	Diameter: 3.80 inches	Volume: 43.44 bbl	Tool Weight: 1700.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 44.05 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3225.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	44.00 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			3205.00	
Shut In Tool	5.00			3210.00	
Hydraulic tool	5.00			3215.00	
Packer	5.00			3220.00	21.00 Bottom Of Top Packer
Packer	5.00			3225.00	
Stubb	1.00			3226.00	
Recorder	0.00	6799	Inside	3226.00	
Perforations	19.00			3245.00	
Recorder	0.00	13254	Outside	3245.00	
Bullnose	3.00			3248.00	23.00 Bottom Packers & Anchor
Total Tool Length:	44.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co LLC

#1-30 D P Jones

P O Box 428
Logan Ks 67646

30-7-20-Rooks-Ks

Job Ticket: 20193

DST#: 2

ATTN: Jim Baird

Test Start: 2004.10.22 @ 06:55:48

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:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	SitlyOCM 3%o 97%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

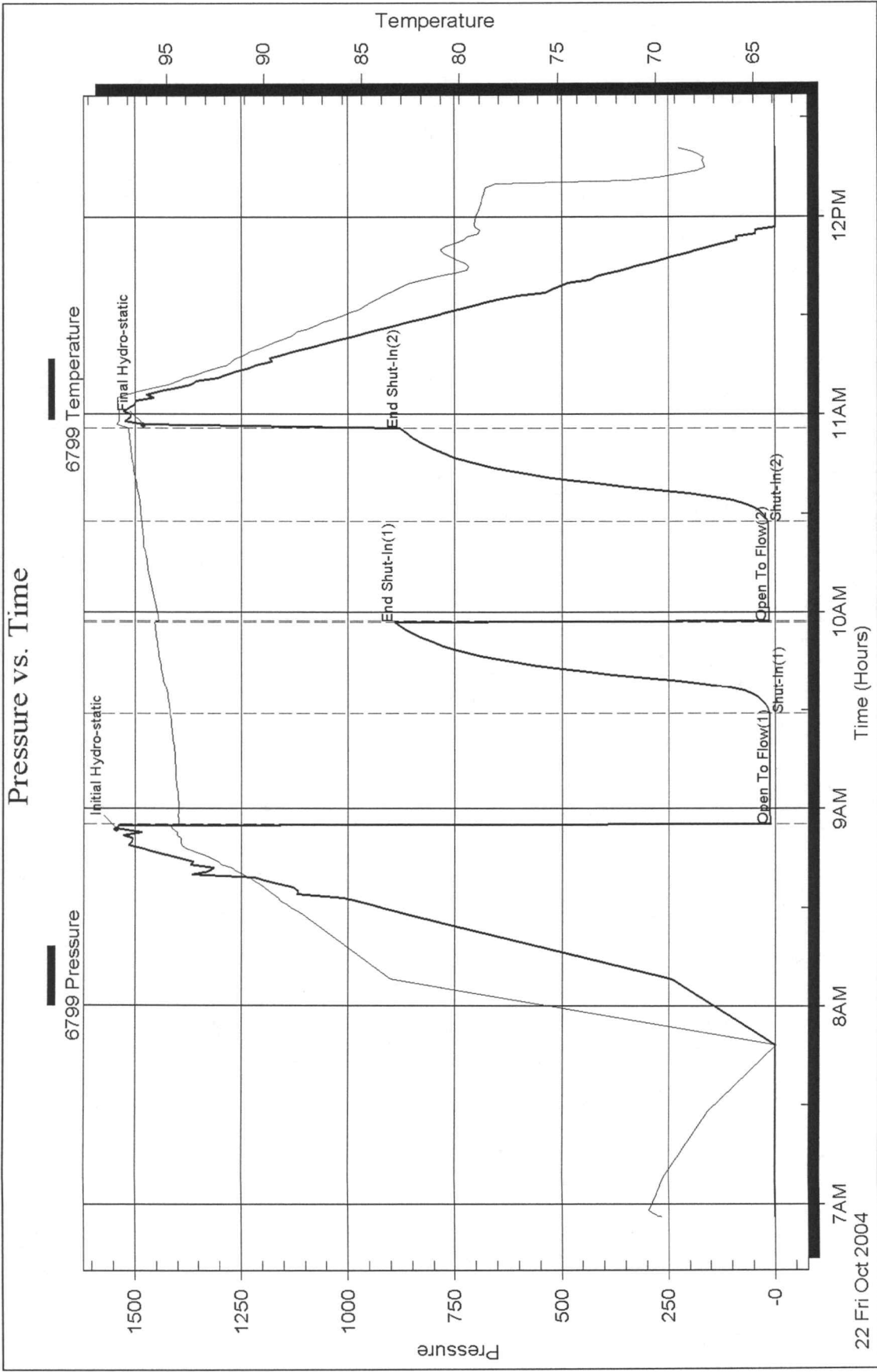
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co LLC**

P O Box 428
Logan Ks 67646

ATTN: Jim Baird

30-7-20-Rooks-Ks

#1-30 D P Jones

Start Date: 2004.10.22 @ 19:50:13

End Date: 2004.10.23 @ 01:41:13

Job Ticket #: 20194 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Baird Oil Co LLC

#1-30 D P Jones

30-7-20-Rooks-Ks

DST # 3

C

LKC

2004.10.22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Baird Oil Co LLC

#1-30 D P Jones

P O Box 428
Logan Ks 67646

30-7-20-Rooks-Ks

ATTN: Jim Baird

Job Ticket: 20194

DST#: 3

Test Start: 2004.10.22 @ 19:50:13

GENERAL INFORMATION:

Formation: **C LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:43:13

Time Test Ended: 01:41:13

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: **3254.00 ft (KB) To 3282.00 ft (KB) (TVD)**

Reference Elevations: 2001.00 ft (KB)

Total Depth: 3282.00 ft (KB) (TVD)

1996.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6799

Inside

Press@RunDepth: 69.97 psig @ 3255.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2004.10.22 End Date: 2004.10.23

Last Calib.: 2004.10.23

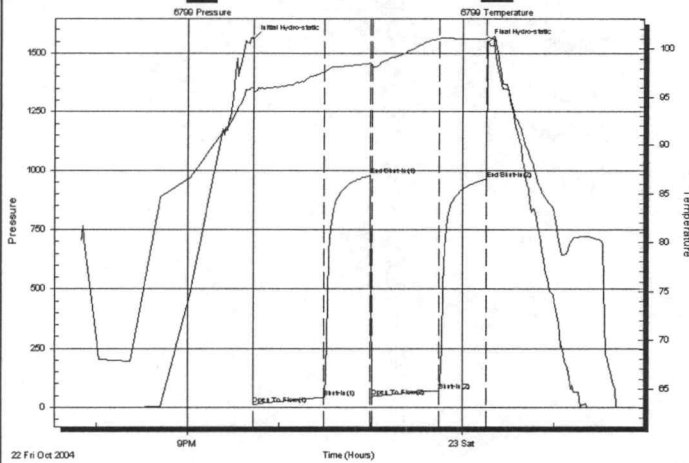
Start Time: 19:50:14 End Time: 01:41:13

Time On Btm: 2004.10.22 @ 21:42:43

Time Off Btm: 2004.10.23 @ 00:16:13

TEST COMMENT: IF-Weak steady 1/2" blow
FF-Weak steady surface blow
Times-45-30-45-30

Pressure vs. Time



PRESSURE SUMMARY

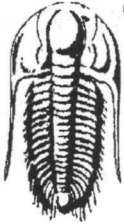
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1562.29	96.02	Initial Hydro-static
1	11.73	95.53	Open To Flow (1)
46	41.94	97.60	Shut-In(1)
77	976.84	98.51	End Shut-In(1)
78	46.22	98.30	Open To Flow (2)
122	69.97	101.05	Shut-In(2)
153	962.27	101.08	End Shut-In(2)
154	1545.24	101.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Mdy Wtr 90%w 10%o	0.30
62.00	Mud	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co LLC

#1-30 D P Jones

P O Box 428
Logan Ks 67646

30-7-20-Rooks-Ks

Job Ticket: 20194

DST#: 3

ATTN: Jim Baird

Test Start: 2004.10.22 @ 19:50:13

Tool Information

Drill Pipe:	Length: 3128.00 ft	Diameter: 3.80 inches	Volume: 43.88 bbl	Tool Weight: 1800.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 44.49 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3254.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	49.00 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			3234.00	
Shut In Tool	5.00			3239.00	
Hydraulic tool	5.00			3244.00	
Packer	5.00			3249.00	21.00 Bottom Of Top Packer
Packer	5.00			3254.00	
Stubb	1.00			3255.00	
Recorder	0.00	6799	Inside	3255.00	
Perforations	24.00			3279.00	
Recorder	0.00	13254	Outside	3279.00	
Bullnose	3.00			3282.00	28.00 Bottom Packers & Anchor
Total Tool Length:	49.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co LLC

#1-30 D P Jones

P O Box 428
Logan Ks 67646

30-7-20-Rooks-Ks

Job Ticket: 20194

DST#: 3

ATTN: Jim Baird

Test Start: 2004.10.22 @ 19:50:13

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:

35000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	Mdy Wtr 90%w 10%m	0.305
62.00	Mud	0.305

Total Length: 124.00 ft

Total Volume: 0.610 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6799

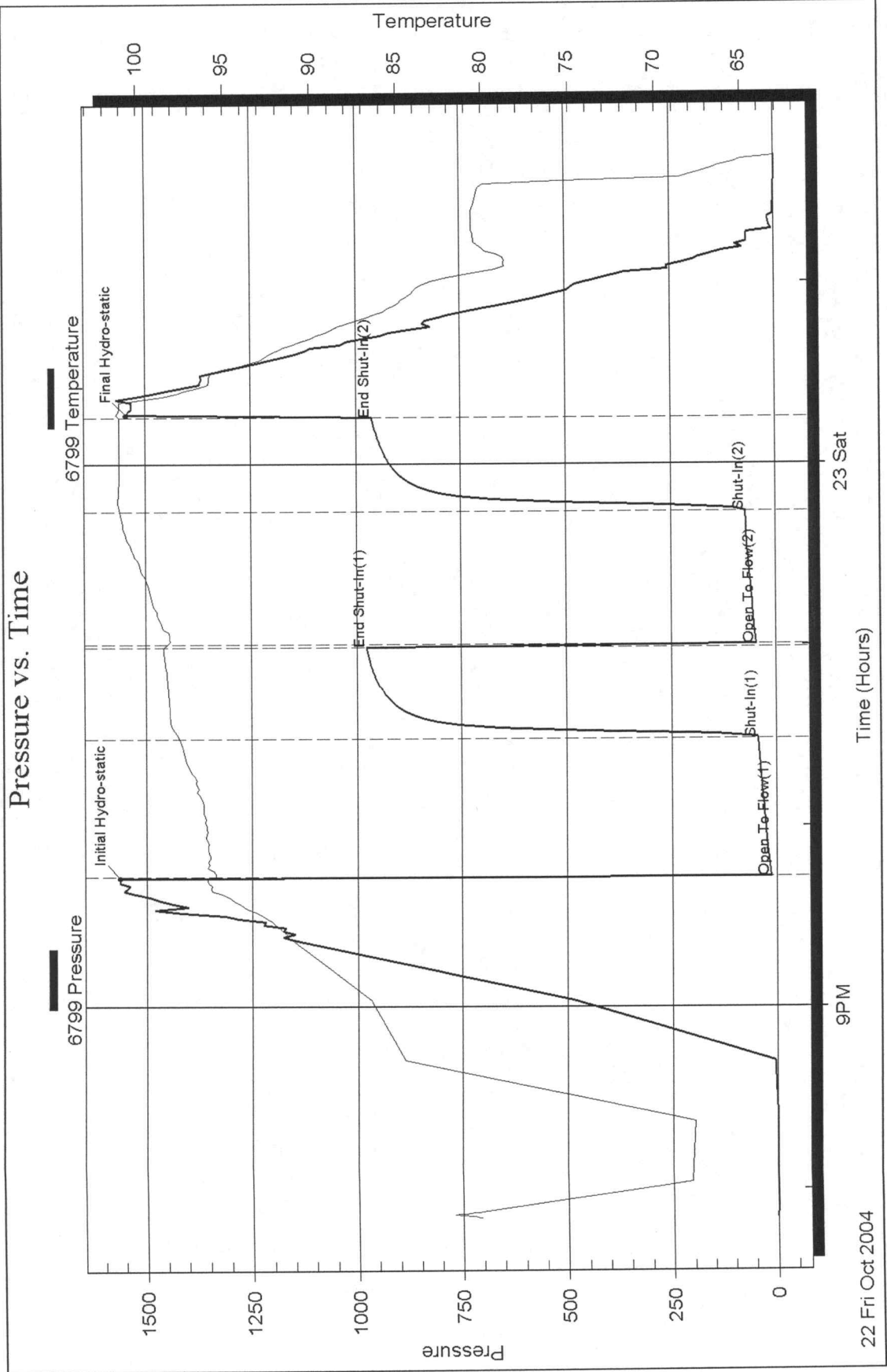
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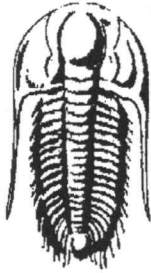
Baird Oil Co LLC

30-7-20-Rocks-Ks

DST Test Number: 3

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co LLC**

P O Box 428
Logan Ks 67646

ATTN: Jim Baird

30-7-20-Rooks-Ks

#1-30 D P Jones

Start Date: 2004.10.23 @ 10:55:22

End Date: 2004.10.23 @ 16:49:22

Job Ticket #: 20195 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Baird Oil Co LLC

#1-30 D P Jones

30-7-20-Rooks-Ks

DST # 4

F

LKC

2004.10.23



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Baird Oil Co LLC

#1-30 D P Jones

P O Box 428
Logan Ks 67646

30-7-20-Rooks-Ks

Job Ticket: 20195

DST#: 4

ATTN: Jim Baird

Test Start: 2004.10.23 @ 10:55:22

GENERAL INFORMATION:

Formation: **F LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:42:22
 Time Test Ended: 16:49:22

Test Type: Conventional Bottom Hole
 Tester: Dan Bangle
 Unit No: 21

Interval: **3307.00 ft (KB) To 3319.00 ft (KB) (TVD)**
 Total Depth: 3319.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2001.00 ft (KB)
 1996.00 ft (CF)
 KB to GR/CF: 5.00 ft

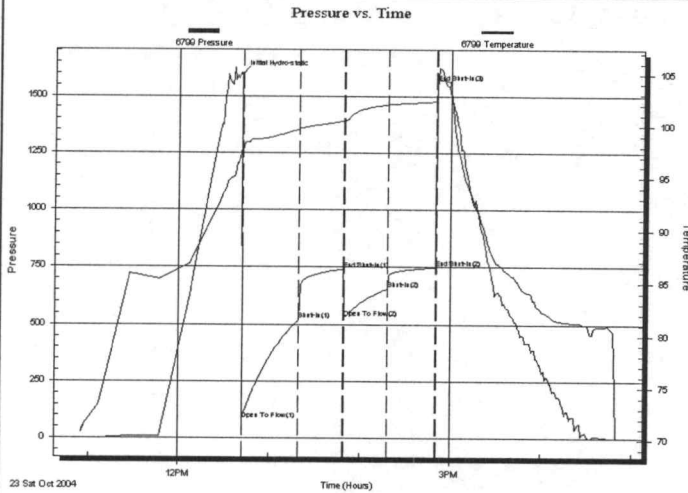
Serial #: 6799

Inside

Press@RunDepth: 655.28 psig @ 3308.00 ft (KB)
 Start Date: 2004.10.23 End Date: 2004.10.23
 Start Time: 10:55:23 End Time: 16:49:22

Capacity: 7000.00 psig
 Last Calib.: 2004.10.23
 Time On Btm: 2004.10.23 @ 12:41:22
 Time Off Btm:

TEST COMMENT: IF-Strong B-B in 1.5 min
 FF-Strong B-B in 5 min
 Times-30-30-30-30



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1597.20	97.91	Initial Hydro-static
1	82.55	97.70	Open To Flow (1)
38	519.30	99.71	Shut-In(1)
67	739.80	100.48	End Shut-In(1)
68	527.56	100.42	Open To Flow (2)
97	655.28	102.05	Shut-In(2)
129	748.06	102.37	End Shut-In(2)
129	1560.24	103.60	End Shut-In(3)

Recovery

Length (ft)	Description	Volume (bbl)
1425.00	Wtr	18.86

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co LLC

#1-30 D P Jones

P O Box 428
Logan Ks 67646

30-7-20-Rooks-Ks

Job Ticket: 20195

DST#: 4

ATTN: Jim Baird

Test Start: 2004.10.23 @ 10:55:22

Tool Information

Drill Pipe:	Length: 3190.00 ft	Diameter: 3.80 inches	Volume: 44.75 bbl	Tool Weight: 1200.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 45.36 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3307.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	33.00 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			3287.00	
Shut In Tool	5.00			3292.00	
Hydraulic tool	5.00			3297.00	
Packer	5.00			3302.00	21.00 Bottom Of Top Packer
Packer	5.00			3307.00	
Stubb	1.00			3308.00	
Recorder	0.00	6799	Inside	3308.00	
Perforations	8.00			3316.00	
Recorder	0.00	13254	Outside	3316.00	
Bullnose	3.00			3319.00	12.00 Bottom Packers & Anchor
Total Tool Length:	33.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co LLC

#1-30 D P Jones

P O Box 428
Logan Ks 67646

30-7-20-Rooks-Ks

Job Ticket: 20195

DST#: 4

ATTN: Jim Baird

Test Start: 2004.10.23 @ 10:55:22

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: 120000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.99 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
1425.00	Wtr	18.859

Total Length: 1425.00 ft

Total Volume: 18.859 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

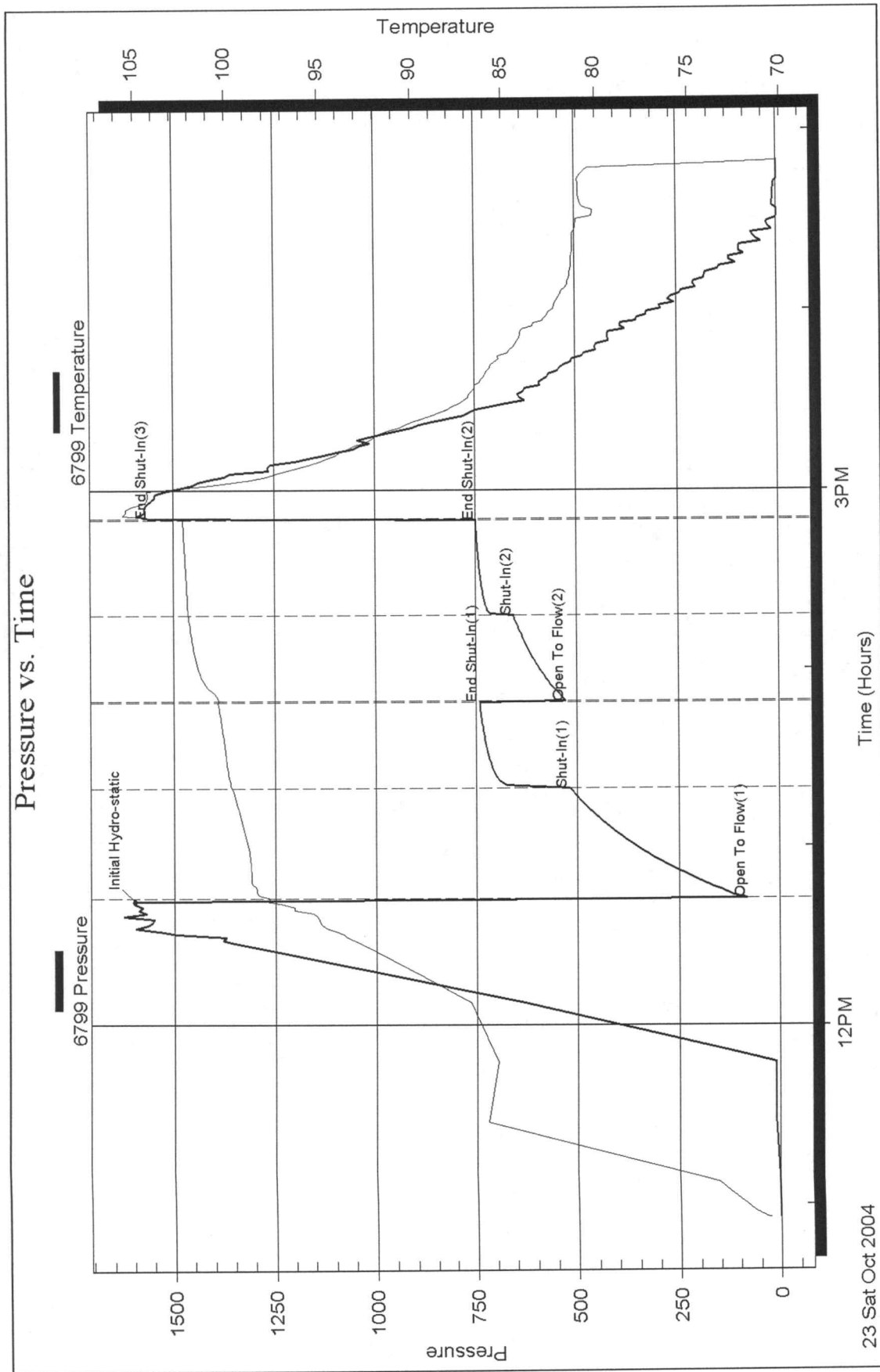
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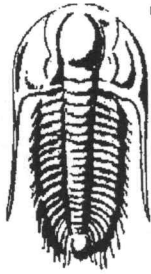
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co LLC**

P O Box 428
Logan Ks 67646

ATTN: Jim Baird

30-7-20-Rooks-Ks

#1-30 D P Jones

Start Date: 2004.10.24 @ 08:25:23

End Date: 2004.10.24 @ 12:37:23

Job Ticket #: 20196 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Baird Oil Co LLC

#1-30 D P Jones

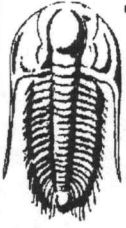
30-7-20-Rooks-Ks

DST # 5

J-K-L

LKC

2004.10.24



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Co LLC

#1-30 D P Jones

P O Box 428
Logan Ks 67646

30-7-20-Rooks-Ks

ATTN: Jim Baird

Job Ticket: 20196

DST#: 5

Test Start: 2004.10.24 @ 08:25:23

GENERAL INFORMATION:

Formation: **J-K-L LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:09:53
 Time Test Ended: 12:37:23

Test Type: Conventional Bottom Hole
 Tester: Dan Bangle
 Unit No: 21

Interval: **3391.00 ft (KB) To 3436.00 ft (KB) (TVD)**
 Total Depth: 3436.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2001.00 ft (KB)
 1996.00 ft (CF)
 KB to GR/CF: 5.00 ft

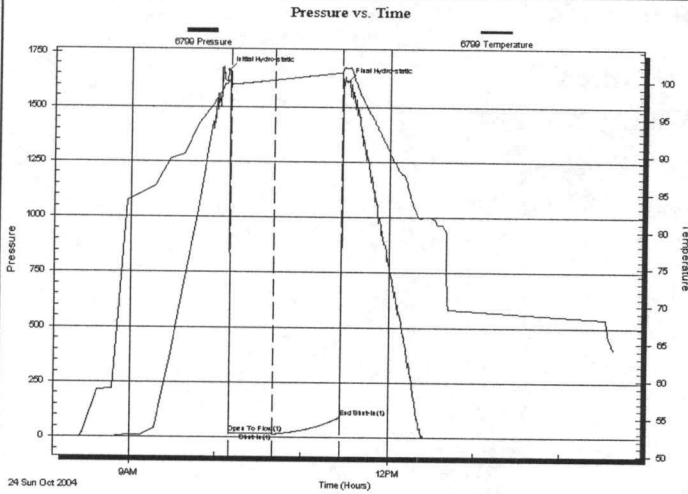
Serial #: 6799

Inside

Press@RunDepth: 17.15 psig @ 3398.00 ft (KB)
 Start Date: 2004.10.24 End Date: 2004.10.24
 Start Time: 08:25:24 End Time: 14:37:23

Capacity: 7000.00 psig
 Last Calib.: 2004.10.24
 Time On Btm: 2004.10.24 @ 10:07:53
 Time Off Btm: 2004.10.24 @ 11:30:23

TEST COMMENT: IF-Weak died in 20 min
 Times-30-45



PRESSURE SUMMARY

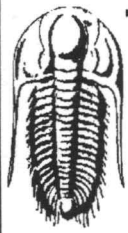
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1665.98	99.80	Initial Hydro-static
2	16.90	99.11	Open To Flow (1)
32	17.15	100.14	Shut-In (1)
79	94.13	101.19	End Shut-In (1)
83	1616.15	101.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	DM w/ oil spots	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co LLC

#1-30 D P Jones

P O Box 428
Logan Ks 67646

30-7-20-Rooks-Ks

Job Ticket: 20196

DST#: 5

ATTN: Jim Baird

Test Start: 2004.10.24 @ 08:25:23

Tool Information

Drill Pipe:	Length: 3251.00 ft	Diameter: 3.80 inches	Volume: 45.60 bbl	Tool Weight:	2100.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 46.21 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3391.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	45.00 ft				
Tool Length:	66.00 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	
Hydraulic tool	5.00			3381.00	
Packer	5.00			3386.00	21.00 Bottom Of Top Packer
Packer	5.00			3391.00	
Stubb	1.00			3392.00	
Perforations	5.00			3397.00	
Change Over Sub	1.00			3398.00	
Recorder	0.00	6799	Inside	3398.00	
Drill Pipe	31.00			3429.00	
Change Over Sub	1.00			3430.00	
Perforations	3.00			3433.00	
Recorder	0.00	13254	Outside	3433.00	
Bullnose	3.00			3436.00	45.00 Bottom Packers & Anchor

Total Tool Length: 66.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co LLC

#1-30 D P Jones

P O Box 428
Logan Ks 67646

30-7-20-Rooks-Ks

Job Ticket: 20196

DST#: 5

ATTN: Jim Baird

Test Start: 2004.10.24 @ 08:25:23

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: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3850.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	DM w / oil spots	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6799

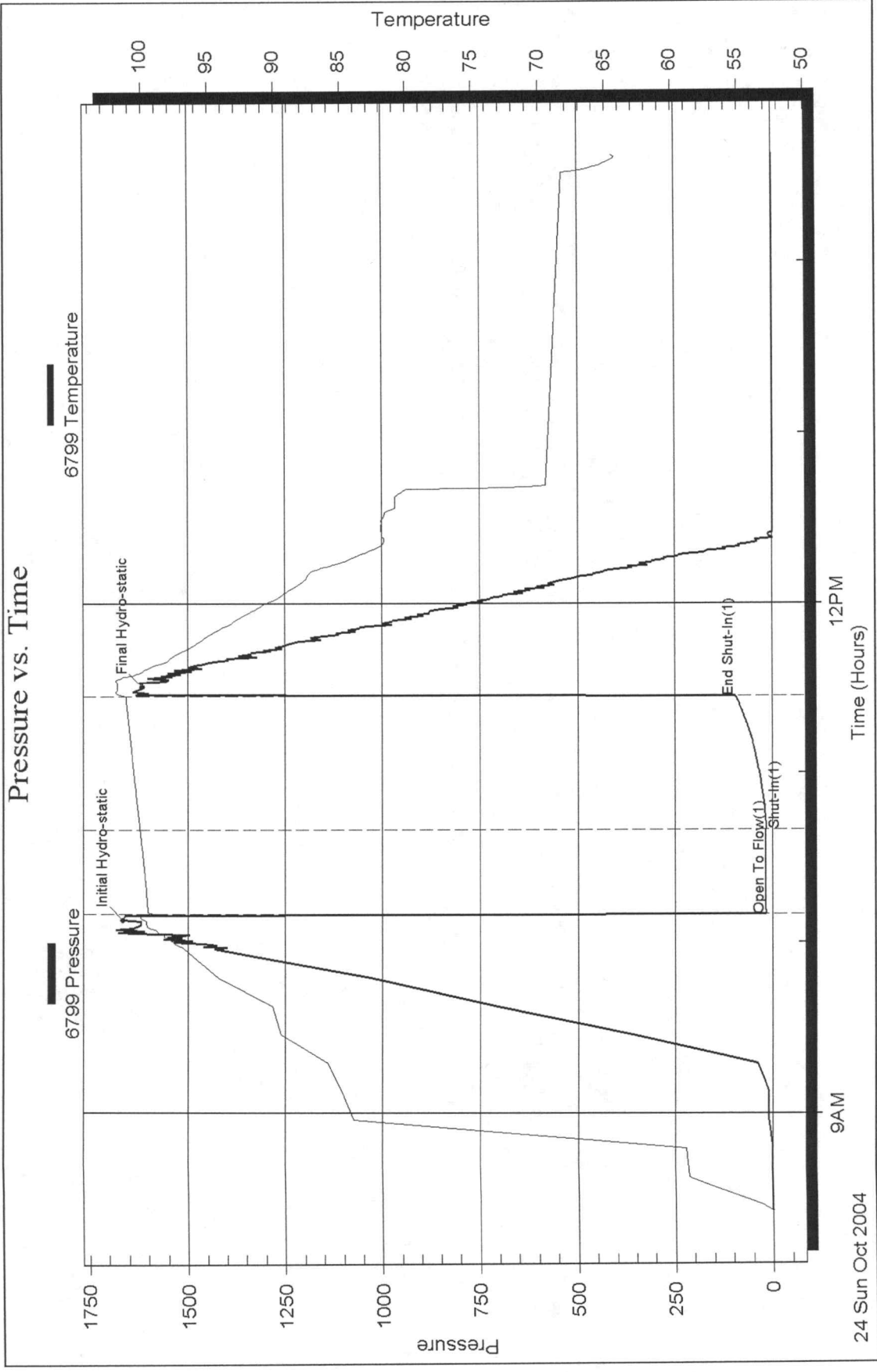
Inside

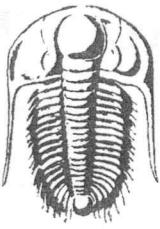
Baird Oil Co LLC

30-7-20-Rooks-Ks

DST Test Number: 5

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

10891

No 20192

05/03

Test Ticket

Well Name & No. #1-30 D.P. Jones Test No. 1 Date 10-21-04
 Company Baird Oil Co. LLC Zone Tested TORONTO
 Address P.O. Box 428, Logan, KS. 67646 Elevation 2001 KB 1996 GL
 Co. Rep / Geo. Gary Gensch Cont. Murfin #16 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 30 Twp. 7 Rge. 20 Co. Rocks State Ks
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3200 — 3227 Initial Str Wt./Lbs. 48,000 Unseated Str Wt./Lbs. 58,000
 Anchor Length 27 Wt. Set Lbs. 26,000 Wt. Pulled Loose/Lbs. 79,000
 Top Packer Depth 3195 Tool Weight 1800
 Bottom Packer Depth 3200 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3227 Wt. Pipe Run _____ Drill Collar Run 124
 Mud Wt. 9.1 LCM _____ Vis. 54 WL 7.6 Drill Pipe Size 4.5 XH Ft. Run 3066
 Blow Description E.F. Strong B-B in 20 Sec.
ISI - Weak building to 1 1/2"
E.F. Strong - B-B in 20 sec.
ESI - Weak steady surface blow
 Recovery - Total Feet 2416 GIP 310 Ft. in DC 124 Ft. in DP 2292
 Rec. 2232 Feet of CGSYO 10 %gas 90 %oil %water %mud
 Rec. 62 Feet of M+W CO %gas 80 %oil 10 %water 10 %mud
 Rec. 30 Feet of Frothy O %gas %oil %water %mud
 Rec. 30 Feet of WTR CO %gas 80 %oil 20 %water %mud
 Rec. 62 Feet of WTR %gas %oil %water %mud
 BHT 105 °F Gravity _____ °API D @ _____ °F Corrected Gravity 36 °API
 RW 1.5 @ 85 °F Chlorides 12,060 ppm Recovery _____ Chlorides 800 ppm System

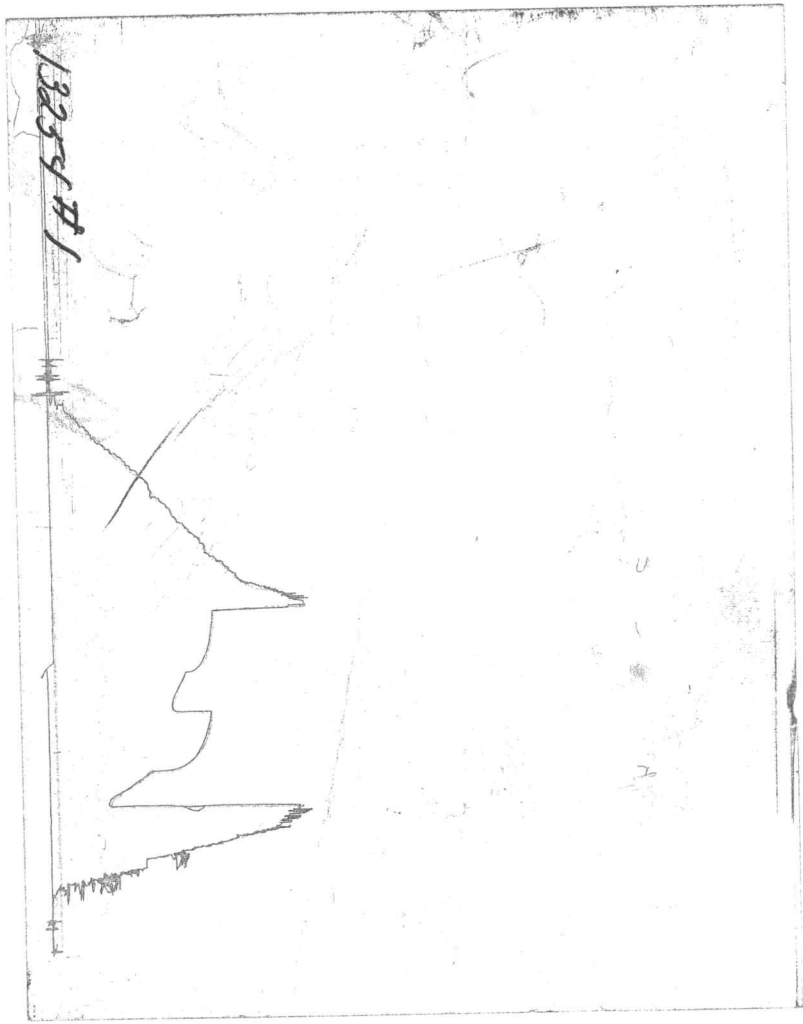
AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1639</u> PSI	<u>6799</u>	<u>900</u>
(B) First Initial Flow Pressure	<u>285</u> PSI	(depth) <u>3201</u>	Elec. Rec. <u>X</u>
(C) First Final Flow Pressure	<u>631</u> PSI	Recorder No. <u>13254</u>	Jars _____
(D) Initial Shut-In Pressure	<u>998</u> PSI	(depth) <u>3224</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	<u>666</u> PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure	<u>894</u> PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>998</u> PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>1514</u> PSI	Initial Shut-In <u>45</u>	Ext. Packer _____
		Final Flow <u>30</u>	Shale Packer _____
		Final Shut-In <u>45</u>	Mileage <u>108</u>
		T-On Location <u>15:00</u>	Sub Total: <u>1008</u>
		T-Started <u>16:35</u>	Std. By <u>1 30</u>
		T-Open <u>18:33</u>	Other _____
		T-Pulled <u>21:03</u>	Total: <u>1038</u>
		T-Out <u>00:14</u>	

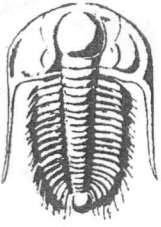
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Approved By Gary Gensch
 Our Representative Dan Rangle

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20193

05/03

Test Ticket

Well Name & No. #1-30 D.P. Jones Test No. 2 Date 10-22-04
 Company Baird Oil Co. LLC Zone Tested A LKC
 Address _____ Elevation 2001 KB 1996 GL _____
 Co. Rep / Geo. Gary Gensch Cont. Murfin #16 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 30 Twp. 7 Rge. 20 Co. Reefs State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3225 — 3248 Initial Str Wt./Lbs. 48,000 Unseated Str Wt/Lbs. 48,000
 Anchor Length _____ Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 65,000
 Top Packer Depth _____ 3220 Tool Weight 1700
 Bottom Packer Depth _____ 3225 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth _____ 3248 Wt. Pipe Run _____ Drill Collar Run 124
 Mud Wt. 9.1 LCM _____ Vis. 54 WL 7.6 Drill Pipe Size 4.5 XH Ft. Run 3097
 Blow Description I.F. Weak - Died in 30 min.

F.F. No blow

Recovery - Total Feet 5 GIP _____ Ft. in DC 5 Ft. in DP _____
 Rec. 5 Feet of Silty OCM %gas 3 %oil _____ %water 97 %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 96 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 800 ppm System

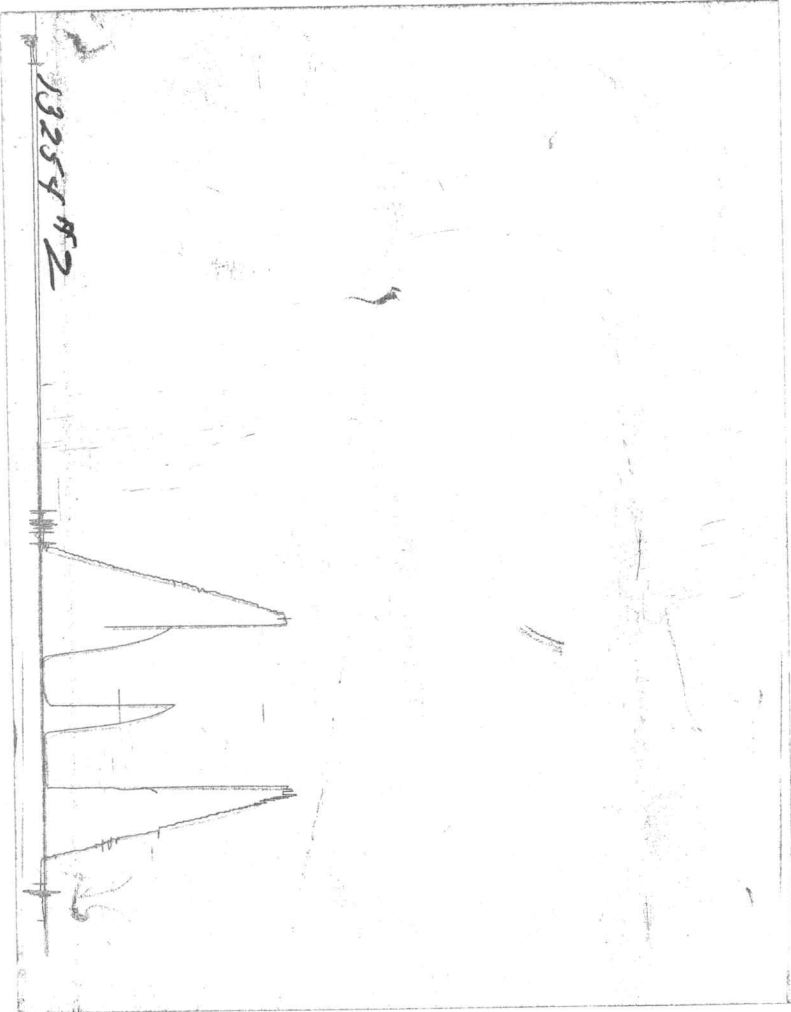
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1542</u> PSI	<u>6799</u>	<u>900</u>
(B) First Initial Flow Pressure		<u>10</u> PSI	(depth) <u>3226</u>	Elec. Rec. <u>X</u>
(C) First Final Flow Pressure		<u>12</u> PSI	Recorder No. <u>13254</u>	Jars _____
(D) Initial Shut-In Pressure		<u>890</u> PSI	(depth) <u>3245</u>	Safety Jt. _____
(E) Second Initial Flow Pressure		<u>13</u> PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure		<u>16</u> PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure		<u>878</u> PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud		<u>1480</u> PSI	* Initial Shut-In <u>30</u>	Ext. Packer _____
			Final Flow <u>30</u>	Shale Packer _____
			Final Shut-In <u>30</u>	Mileage <u>30</u>
			T-On Location <u>06:30</u>	Sub Total: <u>930</u>
			T-Started <u>06:55</u>	Std. By _____
			T-Open <u>08:55</u>	Other _____
			T-Pulled <u>10:55</u>	Total: <u>930</u>
			T-Out <u>12:21</u>	

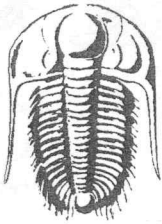
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Approved By Gary Gensch
 Our Representative Dan Bangle

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20194

05/03

Test Ticket

Well Name & No. #1-30 D.P. Jones Test No. 3 Date 10-22-04
 Company Baird Oil Co. LLC Zone Tested C LKC
 Address _____ Elevation 2001 KB 1996 GL
 Co. Rep / Geo. Gary Gensch Cont. Murfin #16 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 30 Twp. 7 Rge. 20 Co. Recks State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3254 ——— 3282 Initial Str Wt./Lbs. 48,000 Unseated Str Wt./Lbs. 48,000
 Anchor Length 28 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 55,000
 Top Packer Depth 3249 Tool Weight 1800
 Bottom Packer Depth 3254 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3282 Wt. Pipe Run _____ Drill Collar Run 124
 Mud Wt. 8.9 LCM _____ Vis. 58 WL 6.4 Drill Pipe Size 4.5 X 14 Ft. Run 3128
 Blow Description I.F. Weak steady 1/2" blow

F.F. Weak steady surface blow

Recovery - Total Feet 124 GIP _____ Ft. in DC 124 Ft. in DP _____
 Rec. 62 Feet of Mud with few oil spots %gas _____ %oil _____ %water _____ %mud _____
 Rec. 62 Feet of MDY WTR %gas _____ %oil 90 %water 10 %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 120 @ 72 °F Chlorides 35,000 ppm Recovery _____ Chlorides 1500 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1562</u>	PSI	<u>6799</u>	<u>900</u>
(B) First Initial Flow Pressure	<u>11</u>	PSI	(depth) <u>3255</u>	Elec. Rec. <u>X</u>
(C) First Final Flow Pressure	<u>41</u>	PSI	Recorder No. <u>13254</u>	Jars _____
(D) Initial Shut-In Pressure	<u>976</u>	PSI	(depth) <u>3279</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	<u>46</u>	PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure	<u>69</u>	PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>962</u>	PSI	Initial Opening <u>45</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>1545</u>	PSI	Initial Shut-In <u>30</u>	Ext. Packer _____
			Final Flow <u>45</u>	Shale Packer _____
			Final Shut-In <u>30</u>	Mileage <u>30</u>

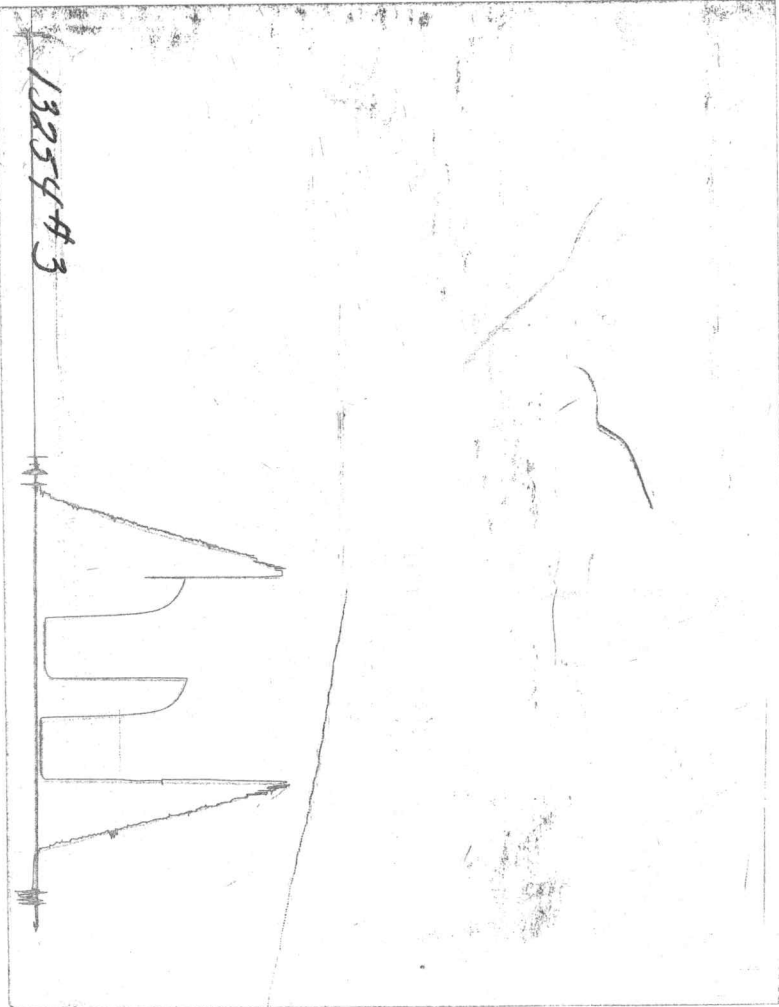
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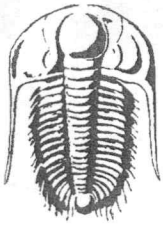
Approved By Gary Gensch
 Our Representative Dan Bangle

T-On Location 19:15 Sub Total: 930
 T-Started 19:50 Std. By _____
 T-Open 21:42 Other _____
 T-Pulled 00:12 Total: 930
 T-Out 01:41
 10/26

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20195

05/03

Test Ticket

Well Name & No. # 1-30 D.P. Jones Test No. 4 Date 10-23-04
 Company Baird Oil Co LLC Zone Tested F LKC
 Address _____ Elevation 2001 KB 1996 GL _____
 Co. Rep / Geo. Gary Gensch Cont. Murfin #16 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 30 Twp. 7 Rge. 20 Co. Rocks State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3307 — 3319 Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 54,000
 Anchor Length 12 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 79,000
 Top Packer Depth 3302 Tool Weight 1200
 Bottom Packer Depth 3307 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3319 Wt. Pipe Run _____ Drill Collar Run 124
 Mud Wt. 9 LCM _____ Vis. 53 WL 6 Drill Pipe Size 4.5 XH Ft. Run 3190
 Blow Description I.F. Strong - B-B in 1.5 min.

E.F. Strong B-B in 5 min.

Recovery - Total Feet 1425 GIP _____ Ft. in DC 124 Ft. in DP 1301
 Rec. 1425 Feet of S.W. %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 _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 103 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .064 @ 80 °F Chlorides 120,000 ppm Recovery _____ Chlorides 2,000 ppm System

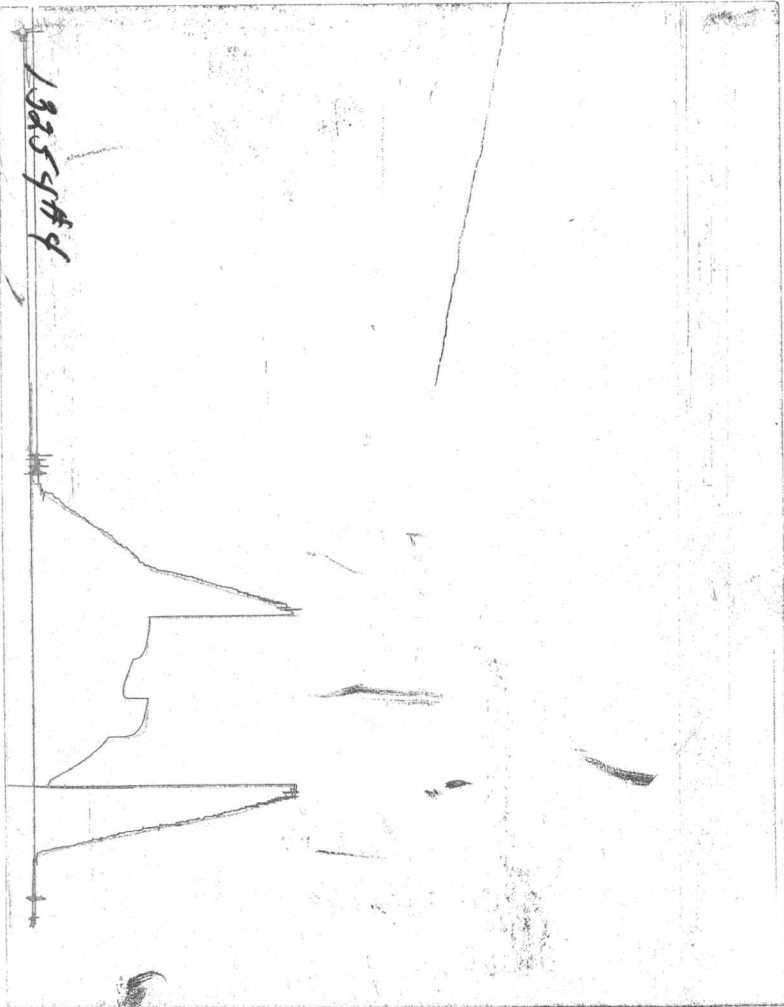
(A) Initial Hydrostatic Mud	<u>1597</u> PSI	Recorder No.	<u>6799</u>	Test	<u>900</u>
(B) First Initial Flow Pressure	<u>82</u> PSI	(depth)	<u>3308</u>	Elec. Rec.	<u>X</u>
(C) First Final Flow Pressure	<u>519</u> PSI	Recorder No.	<u>13254</u>	Jars	_____
(D) Initial Shut-In Pressure	<u>739</u> PSI	(depth)	<u>3316</u>	Safety Jt.	_____
(E) Second Initial Flow Pressure	<u>527</u> PSI	Recorder No.	_____	Circ Sub	_____
(F) Second Final Flow Pressure	<u>655</u> PSI	(depth)	_____	Sampler	_____
(G) Final Shut-In Pressure	<u>748</u> PSI	Initial Opening	<u>30</u>	Straddle	_____
(Q) Final Hydrostatic Mud	<u>1560</u> PSI	Initial Shut-In	<u>30</u>	Ext. Packer	_____
		Final Flow	<u>30</u>	Shale Packer	_____
		Final Shut-In	<u>30</u>	Mileage	<u>30</u>
		T-On Location	<u>10:30</u>	Sub Total:	<u>930</u>
		T-Started	<u>10:55</u>	Std. By	_____
		T-Open	<u>12:55</u>	Other	_____
		T-Pulled	<u>14:55</u>	Total:	<u>930</u>
		T-Out	<u>16:49</u>		

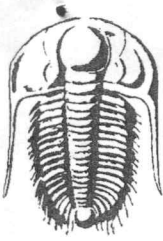
TRILLOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS 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 Dan Bangle

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20196

05/03

Test Ticket

Well Name & No. #1-30 D.P. Jones Test No. 5 Date 10-24-04
 Company Baird Oil Co. LLC Zone Tested I-K-L LKC
 Address _____ Elevation 2001 KB 1996 GL _____
 Co. Rep / Geo. Gary Gensch Cont. Murfin #16 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 30 Twp. 7 Rge. 20 Co. Rooks State Ks
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3391 — 3436 Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 50,000
 Anchor Length 45 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 70,000
 Top Packer Depth _____ Tool Weight 2100
 Bottom Packer Depth 3386 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3391 Wt. Pipe Run _____ Drill Collar Run 124
 Mud Wt. 9.1 LCM _____ Vis. 53 WL 6.4 Drill Pipe Size 4.5 XH Ft. Run 3251
 Blow Description I.F. Weak. Died in 20 min.

I.F.

Recovery - Total Feet 1 GIP _____ Ft. in DC 1 Ft. in DP _____
 Rec. 1 Feet of D.M w/oil spots %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 _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 101 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 3850 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1665</u>	PSI	<u>6799</u>	<u>900</u>
(B) First Initial Flow Pressure	<u>16</u>	PSI	(depth) <u>3398</u>	Elec. Rec. <u>X</u>
(C) First Final Flow Pressure	<u>17</u>	PSI	Recorder No. <u>13254</u>	Jars _____
(D) Initial Shut-In Pressure	<u>94</u>	PSI	(depth) <u>3433</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	<u>—</u>	PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure	<u>—</u>	PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>—</u>	PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>1616</u>	PSI	Initial Shut-In <u>45</u>	Ext. Packer _____

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Final Flow _____ Shale Packer _____
 Final Shut-In _____ Mileage 30
T-On Location 08:00 Sub Total: 930
 T-Started 08:25 Std. By _____
 T-Open 10:10 Other _____
 T-Pulled 11:25 Total: 930
 T-Out 12:37

Approved By Gary Gensch
 Our Representative Dan Rangle

CHART PAGE

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

