



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Co LLC

Box 428
Logan Ks 67646

ATTN: Jim Baird

Schemper Kats Unit # 3-6

6-4-21-Norton,Ks

Job Ticket: 039917

DST#: 1

Test Start: 2010.08.08 @ 18:36:29

GENERAL INFORMATION:

Formation: A LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:21:59

Time Test Ended: 23:49:29

Interval: 3512.00 ft (KB) To 3533.00 ft (KB) (TVD)

Total Depth: 3533.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Reference Elevations: 2279.00 ft (KB)

2274.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8354

Inside

Press@RunDepth: 68.85 psig @ 3513.00 ft (KB)

Start Date: 2010.08.08

End Date:

2010.08.08

Start Time: 18:36:30

End Time:

23:49:29

Capacity: 8000.00 psig

Last Calib.: 2010.08.08

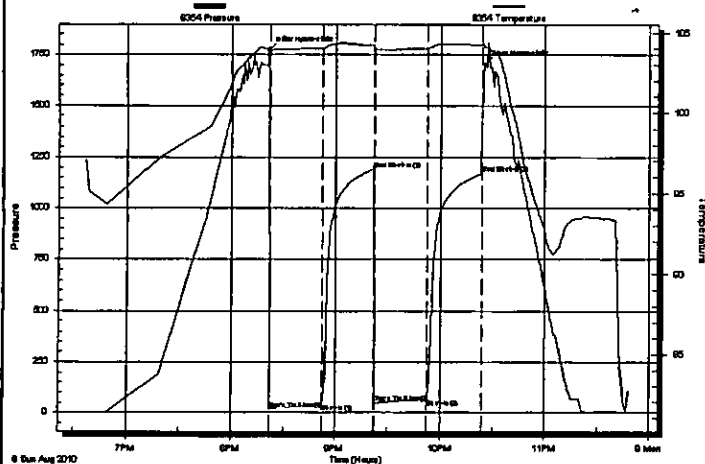
Time On Btm: 2010.08.08 @ 20:20:59

Time Off Btm: 2010.08.08 @ 22:25:14

TEST COMMENT: IF-Weak building to 1/2"

FF-Weak steady surface blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1768.66	104.07	Initial Hydro-static
1	14.07	103.52	Open To Flow (1)
32	41.51	104.05	Shut-In(1)
61	1190.86	104.28	End Shut-In(1)
62	47.00	103.89	Open To Flow (2)
92	68.85	104.02	Shut-In(2)
123	1168.99	104.27	End Shut-In(2)
125	1703.96	104.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Mdy Wtr	0.59
5.00	CO	0.04

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co LLC

Schemper Kats Unit # 3-6

Box 428
Logan Ks 67646

6-4-21-Norton, Ks

Job Ticket: 039917

DST#: 1

ATTN: Jim Baird

Test Start: 2010.08.08 @ 18:36:29

Tool Information

Drill Pipe:	Length: 3390.00 ft	Diameter: 3.80 inches	Volume: 47.55 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	40000.00 lb
		Total Volume:	48.15 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial	38000.00 lb
Depth to Top Packer:	3512.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	21.00 ft				
Tool Length:	41.00 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			3493.00	
Shut In Tool	5.00			3498.00	
Hydraulic tool	5.00			3503.00	
Packer	5.00			3508.00	20.00 Bottom Of Top Packer
Packer	4.00			3512.00	
Stubb	1.00			3513.00	
Recorder	0.00	8354	Inside	3513.00	
Recorder	0.00	8520	Outside	3513.00	
Perforations	17.00			3530.00	
Bullnose	3.00			3533.00	21.00 Bottom Packers & Anchor
Total Tool Length:	41.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co LLC

Schemper Kats Unit # 3-6

Box 428
Logan Ks 67646

6-4-21-Norton,Ks

Job Ticket: 039917

DST#: 1

ATTN: Jim Baird

Test Start: 2010.08.08 @ 18:36:29

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:

90000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Mdy Wtr	0.590
5.00	CO	0.043

Total Length: 125.00 ft

Total Volume: 0.633 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .08 @ 80 = 90000ppm

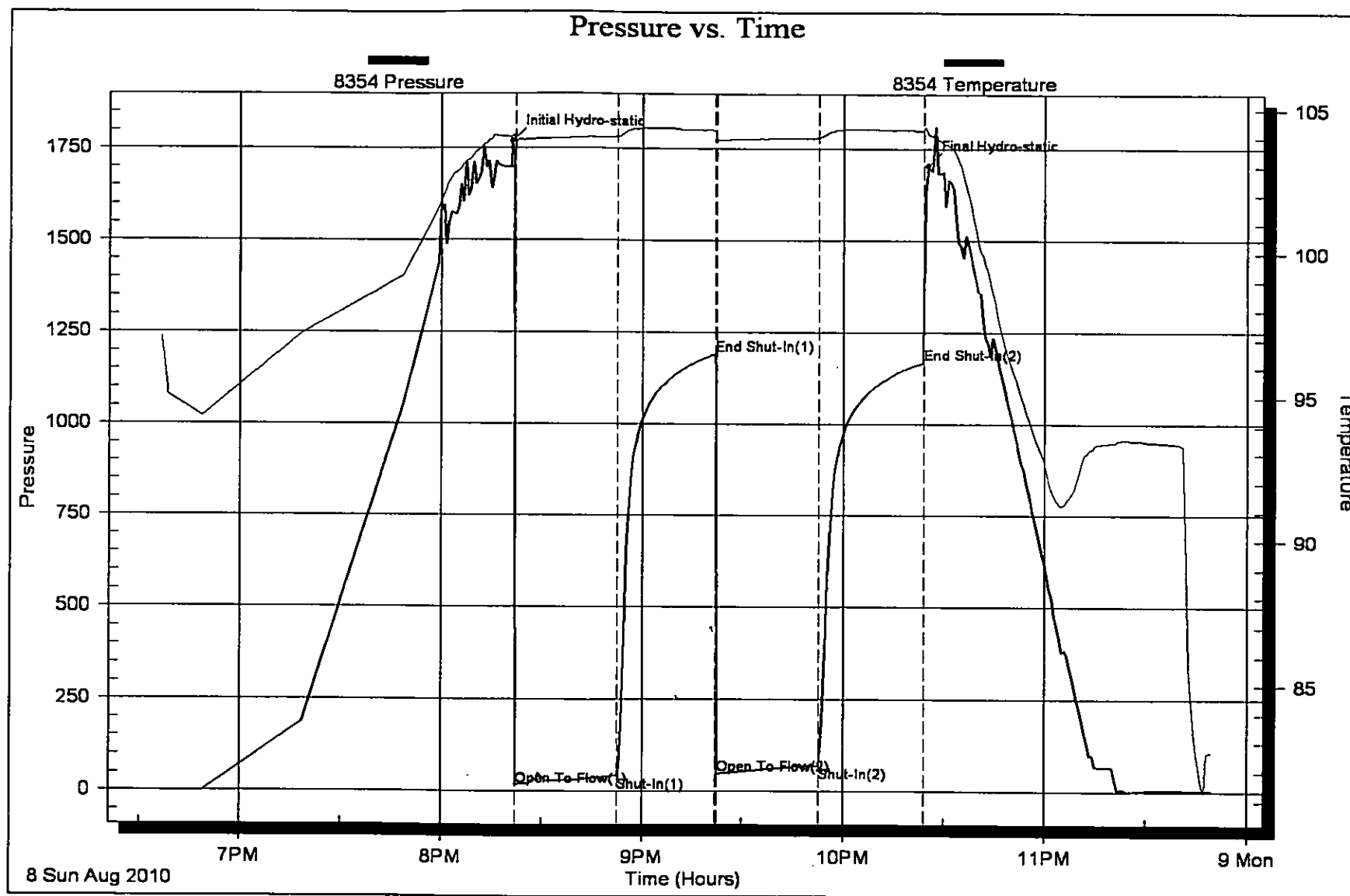
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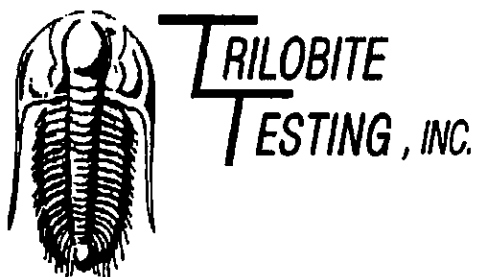
Inside

Baird Oil Co LLC

6-4-21-Norton, Ks

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co LLC**

Box 428
Logan Ks 67646

ATTN: Jim Baird

6-4-21-Norton,Ks

Schemper Kats Unit # 3-6

Start Date: 2010.08.09 @ 05:20:01

End Date: 2010.08.09 @ 11:28:46

Job Ticket #: 039918 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Baird Oil Co LLC

Box 428
Logan Ks 67646

ATTN: Jim Baird

Schemper Kats Unit # 3-6

6-4-21-Norton,Ks

Job Ticket: 039918

DST#: 2

Test Start: 2010.08.09 @ 05:20:01

GENERAL INFORMATION:

Formation: C LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:51:31

Time Test Ended: 11:28:46

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: 3537.00 ft (KB) To 3560.00 ft (KB) (TVD)

Total Depth: 3533.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2279.00 ft (KB)

2274.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8354

Inside

Press@RunDepth: 248.88 psig @ 3538.00 ft (KB)

Start Date: 2010.08.09

End Date:

2010.08.09

Start Time: 05:20:02

End Time:

11:28:46

Capacity: 8000.00 psig

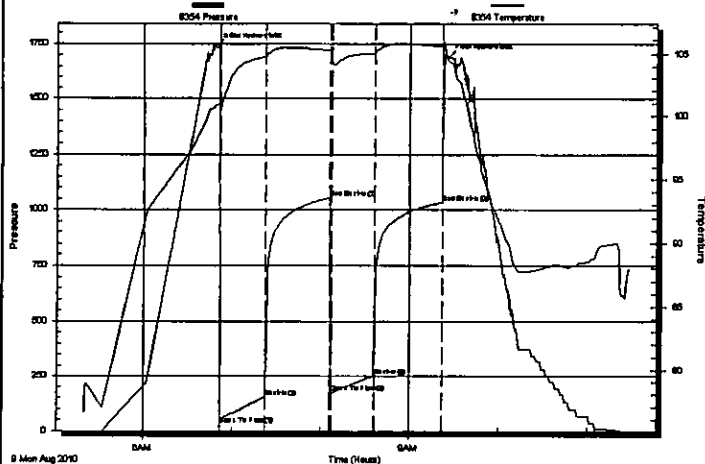
Last Calib.: 2010.08.09

Time On Btm: 2010.08.09 @ 06:48:31

Time Off Btm: 2010.08.09 @ 09:25:16

TEST COMMENT: IF-Strong B-B in 3 1/2 min
IS-Weak building to 1 1/4"
FF-Strong B-B in 6 min
FSI-Weak building to 1"

Pressure vs. Time



PRESSURE SUMMARY

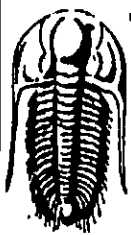
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1736.19	100.85	Initial Hydro-static
3	29.37	100.45	Open To Flow (1)
34	152.88	104.75	Shut-In (1)
78	1053.66	105.26	End Shut-In (1)
79	172.55	104.39	Open To Flow (2)
108	248.88	104.99	Shut-In (2)
154	1034.28	105.54	End Shut-In (2)
157	1689.56	104.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCGsyO 5%g 55%o 40%w	0.59
630.00	CGsyO 10%g 90%o	8.81
0.00	420 GIP	0.00

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co LLC

Box 428
Logan Ks 67646

ATTN: Jim Baird

Schemper Kats Unit # 3-6

6-4-21-Norton,Ks

Job Ticket: 039918

DST#: 2

Test Start: 2010.08.09 @ 05:20:01

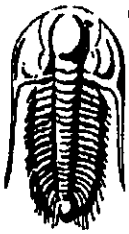
Tool Information

Drill Pipe:	Length: 3422.00 ft	Diameter: 3.80 inches	Volume: 48.00 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 45000.00 lb
		Total Volume: 48.60 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3537.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	43.00 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			3518.00	
Shut In Tool	5.00			3523.00	
Hydraulic tool	5.00			3528.00	
Packer	5.00			3533.00	20.00 Bottom Of Top Packer
Packer	4.00			3537.00	
Stubb	1.00			3538.00	
Recorder	0.00	8354	Inside	3538.00	
Recorder	0.00	8520	Outside	3538.00	
Perforations	19.00			3557.00	
Bullnose	3.00			3560.00	23.00 Bottom Packers & Anchor
Total Tool Length:	43.00				



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co LLC

Schemper Kats Unit # 3-6

Box 428
Logan Ks 67646

6-4-21-Norton, Ks

Job Ticket: 039918

DST#: 2

ATTN: Jim Baird

Test Start: 2010.08.09 @ 05:20:01

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
120.00	MCGsyO 5%g 55%o 40%m	0.590
630.00	CGsyO 10%g 90%o	8.810
0.00	420 GIP	0.000

Total Length: 750.00 ft

Total Volume: 9.400 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

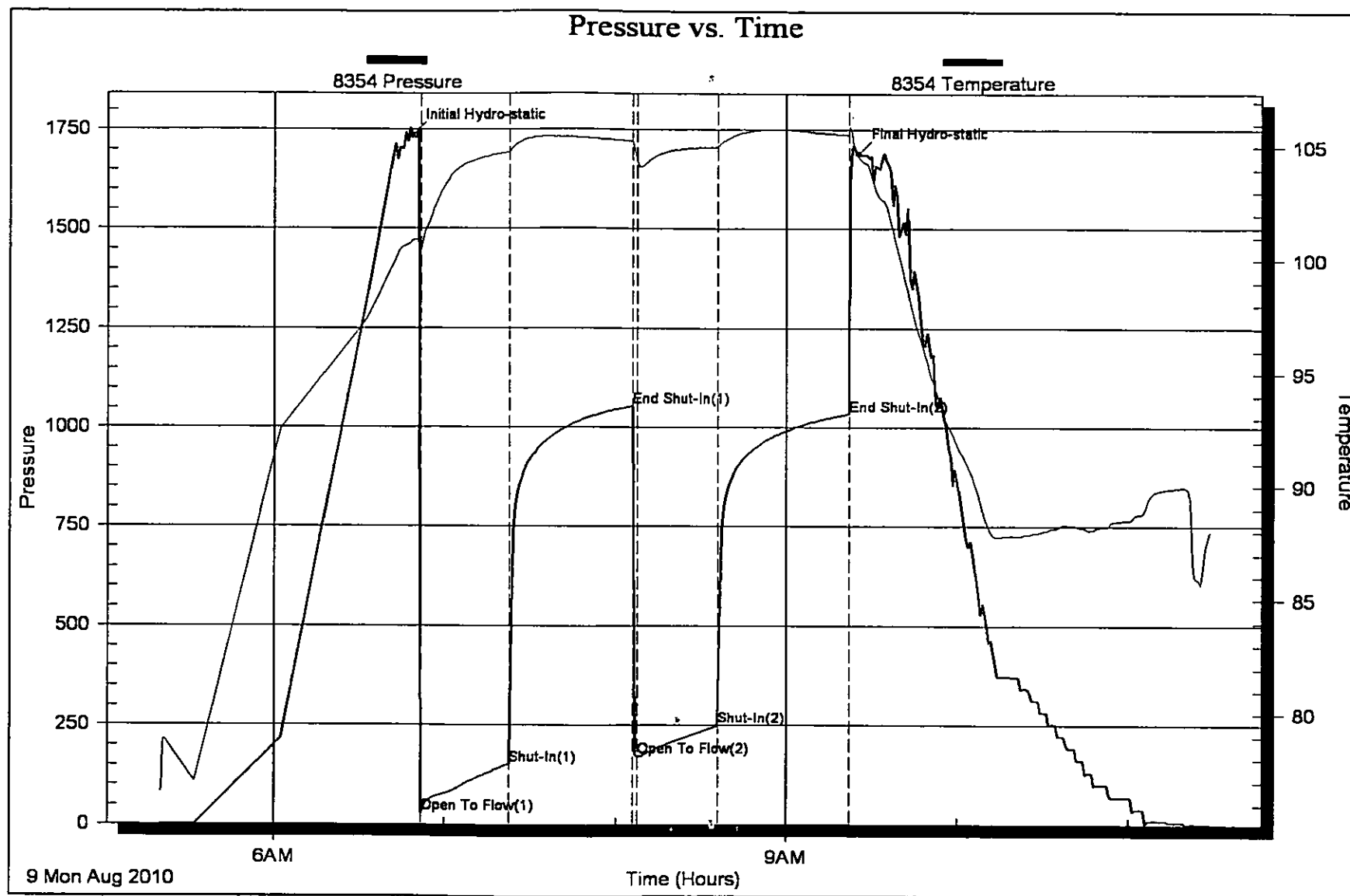
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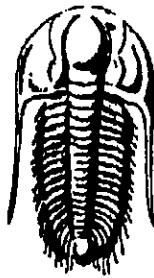
Inside

Baird Oil Co LLC

'6-4-21-Norton,Ks

DST Test Number: 2





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co LLC**

Box 428
Logan Ks 67646

ATTN: Jim Baird

6-4-21-Norton,Ks

Schemper Kats Unit # 3-6

Start Date: 2010.08.09 @ 16:46:48

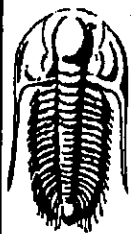
End Date: 2010.08.09 @ 21:42:48

Job Ticket #: 039919 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Baird Oil Co LLC

Box 428
Logan Ks 67646

ATTN: Jim Baird

Schemper Kats Unit # 3-6

6-4-21-Norton,Ks

Job Ticket: 039919

DST#: 3

Test Start: 2010.08.09 @ 16:46:48

GENERAL INFORMATION:

Formation: D LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:19:48

Time Test Ended: 21:42:48

Interval: 3560.00 ft (KB) To 3578.00 ft (KB) (TVD)

Total Depth: 3578.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Reference Elevations: 2279.00 ft (KB)

2274.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8354

Inside

Press@RunDepth: 28.64 psig @ 3561.00 ft (KB)

Start Date: 2010.08.09

End Date:

2010.08.09

Start Time: 16:46:49

End Time:

21:42:48

Capacity: 8000.00 psig

Last Calib.: 2010.08.09

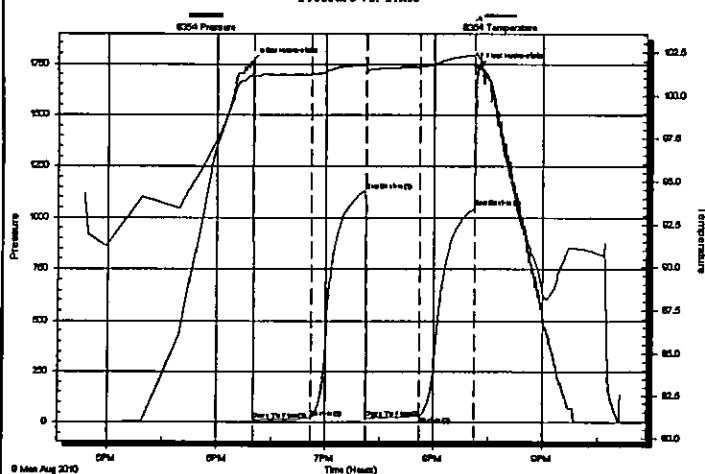
Time On Btm: 2010.08.09 @ 18:18:33

Time Off Btm: 2010.08.09 @ 20:24:03

TEST COMMENT: IF-Weak building to 1/2"

FF-No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1755.52	101.17	Initial Hydro-static
2	13.53	100.71	Open To Flow (1)
34	18.81	101.25	Shut-In(1)
64	1130.99	101.80	End Shut-In(1)
65	21.95	101.53	Open To Flow (2)
94	28.64	101.70	Shut-In(2)
124	1049.16	102.33	End Shut-In(2)
126	1733.58	102.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	MCO 80% @ 20% m	0.10
10.00	CO	0.05

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co LLC

Schemper Kats Unit # 3-6

Box 428
Logan Ks 67646

6-4-21-Norton,Ks

Job Ticket: 039919

DST#: 3

ATTN: Jim Baird

Test Start: 2010.08.09 @ 16:46:48

Tool Information

Drill Pipe:	Length: 3422.00 ft	Diameter: 3.80 inches	Volume: 48.00 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	38000.00 lb
		Total Volume:	48.60 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	38000.00 lb
Depth to Top Packer:	3560.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	18.00 ft				
Tool Length:	38.00 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			3541.00	
Shut In Tool	5.00			3546.00	
Hydraulic tool	5.00			3551.00	
Packer	5.00			3556.00	20.00 Bottom Of Top Packer
Packer	4.00			3560.00	
Stubb	1.00			3561.00	
Recorder	0.00	8354	Inside	3561.00	
Recorder	0.00	8520	Outside	3561.00	
Perforations	14.00			3575.00	
Bullnose	3.00			3578.00	18.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co LLC

Schemper Kats Unit # 3-6

Box 428
Logan Ks 67646

6-4-21-Norton, Ks

Job Ticket: 039919

DST#: 3

ATTN: Jim Baird

Test Start: 2010.08.09 @ 16:46:48

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	MCO 80%o 20%m	0.098
10.00	CO	0.049

Total Length: 30.00 ft

Total Volume: 0.147 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

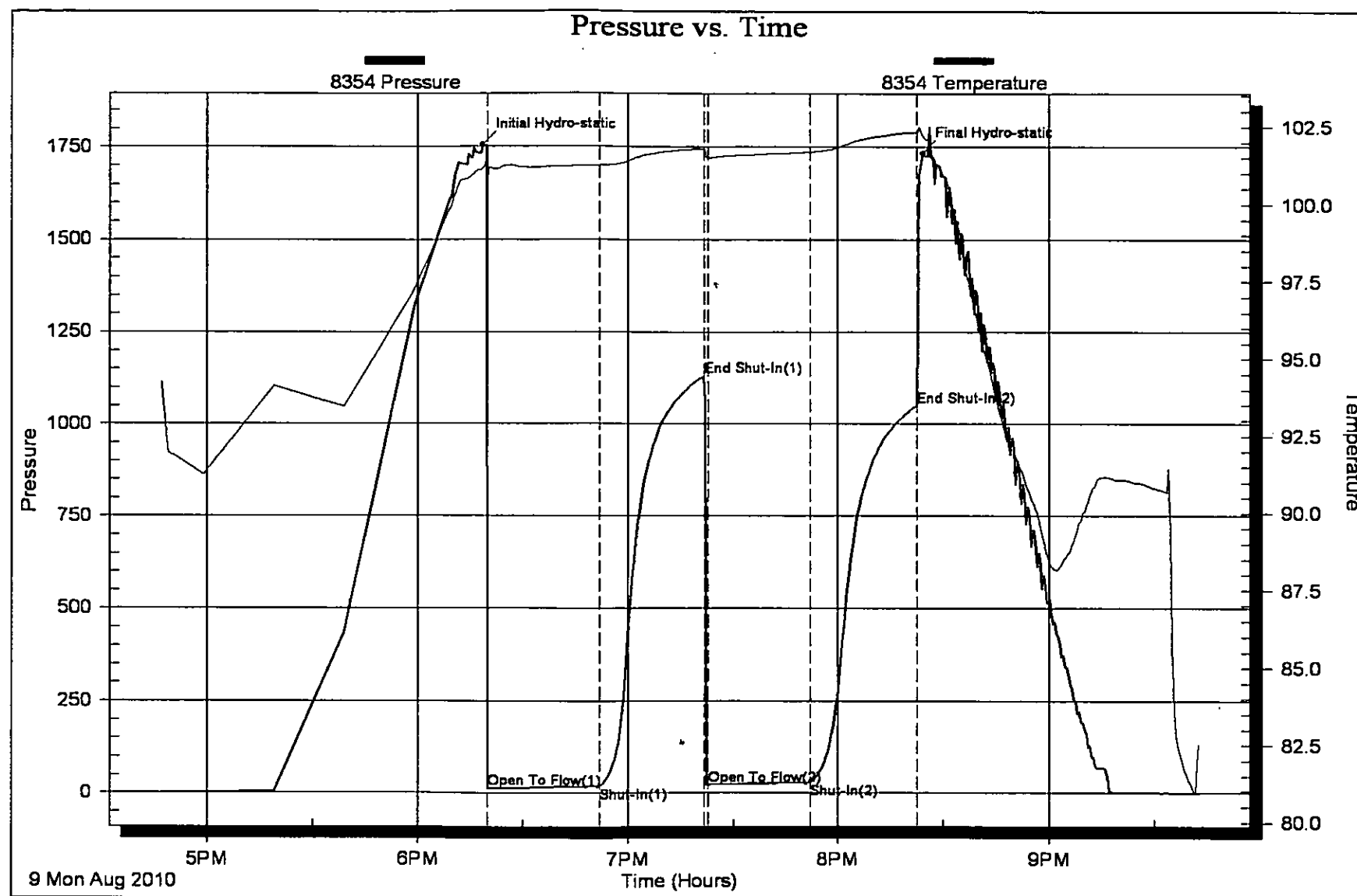
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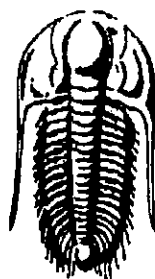
Inside

Baird Oil Co LLC

6-4-21-Norton,Ks

DST Test Number: 3





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co LLC**

Box 428
Logan Ks 67646

ATTN: Jim Baird

6-4-21-Norton,Ks

Schemper Kats Unit # 3-6

Start Date: 2010.08.10 @ 03:04:12

End Date: 2010.08.10 @ 08:06:42

Job Ticket #: 039920 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Co LLC

Box 428
Logan Ks 67646

ATTN: Jim Baird

Schemper Kats Unit # 3-6

6-4-21-Norton, Ks

Job Ticket: 039920

DST#: 4

Test Start: 2010.08.10 @ 03:04:12

GENERAL INFORMATION:

Formation: **F LKC**

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

Time Tool Opened: 04:44:27

Time Test Ended: 08:06:42

Interval: **3578.00 ft (KB) To 3596.00 ft (KB) (TVD)**

Total Depth: **3596.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **38**

Reference Elevations: **2279.00 ft (KB)**

2274.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 8354

Inside

Press@RunDepth: **29.99 psig @ 3579.00 ft (KB)**

Start Date: **2010.08.10**

End Date: **2010.08.10**

Start Time: **03:04:13**

End Time: **08:06:42**

Capacity: **8000.00 psig**

Last Calib.: **2010.08.10**

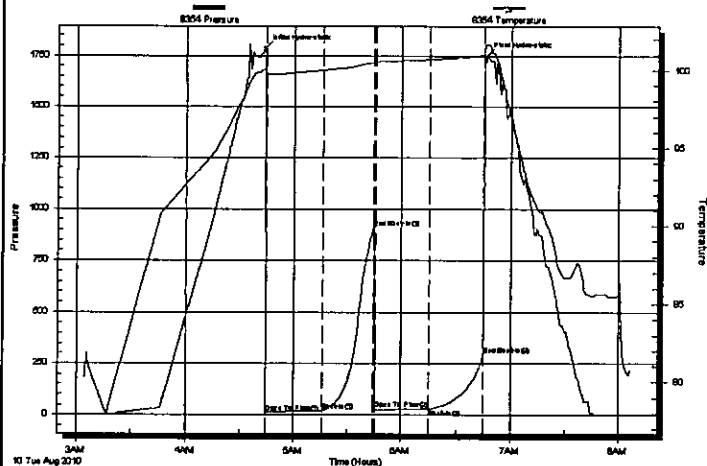
Time On Btm: **2010.08.10 @ 04:43:27**

Time Off Btm: **2010.08.10 @ 06:45:57**

TEST COMMENT: **IF-Weak steady surface blow**

FF-Weak steady surface blow

Pressure vs. Time



PRESSURE SUMMARY

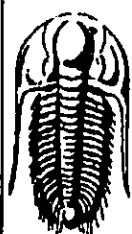
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1786.22	100.02	Initial Hydro-static
1	12.90	99.13	Open To Flow (1)
33	21.54	99.99	Shut-In(1)
61	910.85	100.49	End Shut-In(1)
62	27.97	100.45	Open To Flow (2)
92	29.99	100.71	Shut-In(2)
122	290.37	100.99	End Shut-In(2)
123	1747.68	101.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	MCO 70%o 30% m	0.07
10.00	CO	0.05

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co LLC

Schemper Kats Unit # 3-6

Box 428
Logan Ks 67646

6-4-21-Norton,Ks

Job Ticket: 039920

DST#: 4

ATTN: Jim Baird

Test Start: 2010.08.10 @ 03:04:12

Tool Information

Drill Pipe:	Length: 3452.00 ft	Diameter: 3.80 inches	Volume: 48.42 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	40000.00 lb
		Total Volume:	49.02 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial	38000.00 lb
Depth to Top Packer:	3578.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	18.00 ft				
Tool Length:	38.00 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			3559.00	
Shut In Tool	5.00			3564.00	
Hydraulic tool	5.00			3569.00	
Packer	5.00			3574.00	20.00 Bottom Of Top Packer
Packer	4.00			3578.00	
Stubb	1.00			3579.00	
Recorder	0.00	8354	Inside	3579.00	
Recorder	0.00	8520	Outside	3579.00	
Perforations	14.00			3593.00	
Bullnose	3.00			3596.00	18.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co LLC

Schemper Kats Unit # 3-6

Box 428
Logan Ks 67646

6-4-21-Norton,Ks

Job Ticket: 039920

DST#: 4

ATTN: Jim Baird

Test Start: 2010.08.10 @ 03:04:12

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: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	MCO 70%o 30%m	0.074
10.00	CO	0.049

Total Length: 25.00 ft

Total Volume: 0.123 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8354

Inside

Baird Oil Co LLC

6-4-21-Norton,Ks

DST Test Number: 4

