

DRILL STEM TEST REPORT

Prepared For: **Siroky Oil Management**

PO Box 464
Pratt KS 67124

ATTN: Jeffrey Burk

11 24 14 Stafford KS

Koelsch #1

Start Date: 2007.02.17 @ 16:31:02

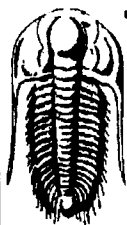
End Date: 2007.02.18 @ 00:31:32

Job Ticket #: 25844 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

Siroky Oil Management

PO Box 464
Pratt KS 67124

ATTN: Jeffrey Burk

Koelsch #1

11 24 14 Stafford KS

Job Ticket: 25844

DST#: 1

Test Start: 2007.02.17 @ 16:31:02

GENERAL INFORMATION:

Formation: **Lansing B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:17:32

Time Test Ended: 00:31:32

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 36

Interval: **3618.00 ft (KB) To 3645.00 ft (KB) (TVD)**

Total Depth: 3645.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1936.00 ft (KB)

1927.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6798

Inside

Press@RunDepth: 89.82 psig @ 3619.00 ft (KB)

Start Date: 2007.02.17

End Date:

2007.02.18

Start Time: 16:31:07

End Time:

00:31:31

Capacity: 7000.00 psig

Last Calib.: 2007.02.18

Time On Btm: 2007.02.17 @ 19:16:32

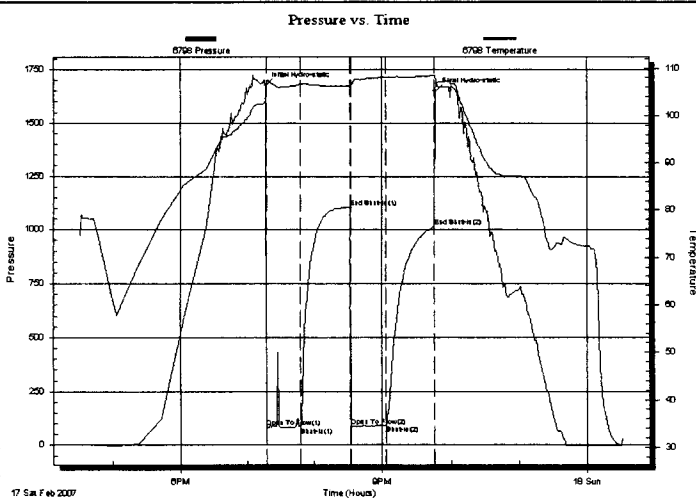
Time Off Btm: 2007.02.17 @ 21:46:31

TEST COMMENT: IF Fair blow Built to 6 3/4 "

ISI No blow

FF Weak blow Built to 1 3/4 "

FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1674.61	102.87	Initial Hydro-static
1	83.56	106.70	Open To Flow (1)
31	84.21	106.58	Shut-In(1)
76	1105.62	106.37	End Shut-In(1)
77	88.58	106.45	Open To Flow (2)
107	89.82	107.99	Shut-In(2)
149	1013.67	108.51	End Shut-In(2)
150	1648.78	108.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	Drilling Mud 100%M	1.82
0.00		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

Siroky Oil Management

Koelsch #1

PO Box 464
Pratt KS 67124

11 24 14 Stafford KS

Job Ticket: 25844

DST#: 1

ATTN: Jeffrey Burk

Test Start: 2007.02.17 @ 16:31:02

Tool Information

Drill Pipe:	Length: 3575.00 ft	Diameter: 3.80 inches	Volume: 50.15 bbl	Tool Weight:	2300.00 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: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	50.30 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3618.00 ft			Final	52000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	27.00 ft				
Tool Length:	55.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					
Slid tool 20' to bottom.					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3595.00	
Hydraulic tool	5.00			3600.00	
Jars	5.00			3605.00	
Safety Joint	3.00			3608.00	
Packer	5.00			3613.00	28.00 Bottom Of Top Packer
Packer	5.00			3618.00	
Stubb	1.00			3619.00	
Recorder	0.00	6798	Inside	3619.00	
Perforations	23.00			3642.00	
Recorder	0.00	13249	Outside	3642.00	
Bullnose	3.00			3645.00	27.00 Bottom Packers & Anchor

Total Tool Length: 55.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Siroky Oil Management

Koelsch #1

PO Box 464
Pratt KS 67124

11 24 14 Stafford KS

Job Ticket: 25844

DST#: 1

ATTN: Jeffrey Burk

Test Start: 2007.02.17 @ 16:31:02

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: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8100.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	Drilling Mud 100%M	1.822
0.00		0.000

Total Length: 150.00 ft

Total Volume: 1.822 bbl

Num Fluid Samples: 0

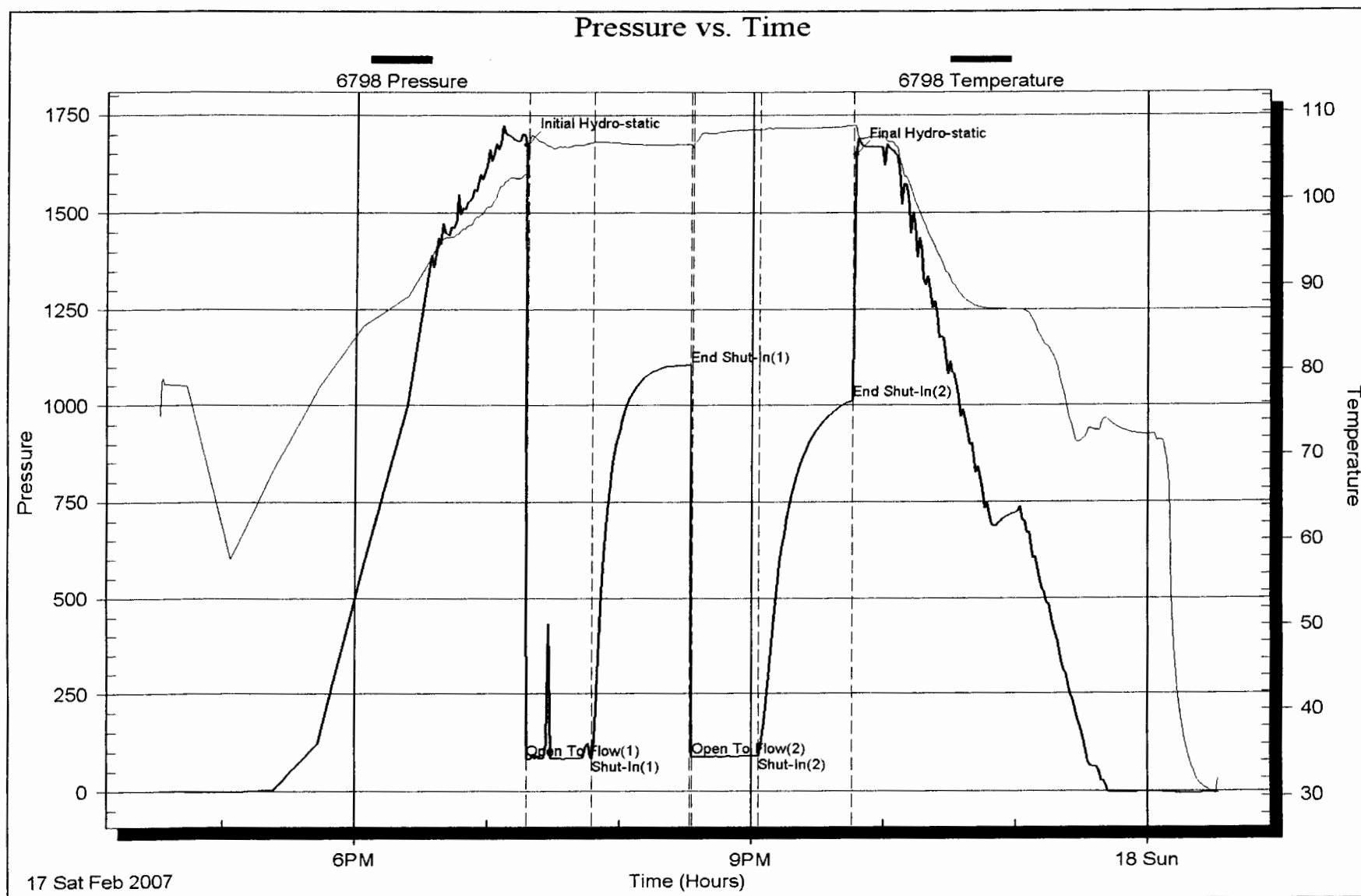
Num Gas Bombs: 0

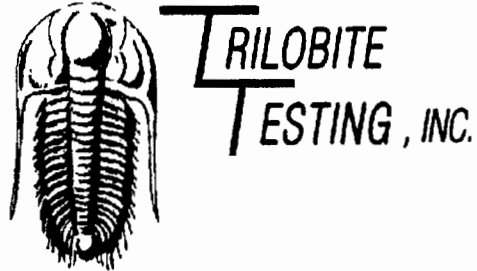
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Siroky Oil Management**

PO Box 464
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ATTN: Jeffrey Burk

11 24 14 Stafford KS

Koelsch #1

Start Date: 2007.02.19 @ 00:45:12

End Date: 2007.02.19 @ 10:07:12

Job Ticket #: 25845 DST #: 2

Trilobite Testing, Inc

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Siroky Oil Management

PO Box 464
Pratt KS 67124

ATTN: Jeffrey Burk

Koelsch #1

11 24 14 Stafford KS

Job Ticket: 25845

DST#: 2

Test Start: 2007.02.19 @ 00:45:12

GENERAL INFORMATION:

Formation: **Lansing J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:55:12

Time Test Ended: 10:07:12

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 36

Interval: **3762.00 ft (KB) To 3780.00 ft (KB) (TVD)**

Total Depth: 3780.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1936.00 ft (KB)

1927.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6798

Inside

Press@RunDepth: 125.41 psig @ 3763.00 ft (KB)

Start Date: 2007.02.19

End Date:

2007.02.19

Capacity: 7000.00 psig

Last Calib.: 2007.02.19

Start Time: 00:45:17

End Time:

10:07:12

Time On Btm: 2007.02.19 @ 03:51:12

Time Off Btm: 2007.02.19 @ 07:48:41

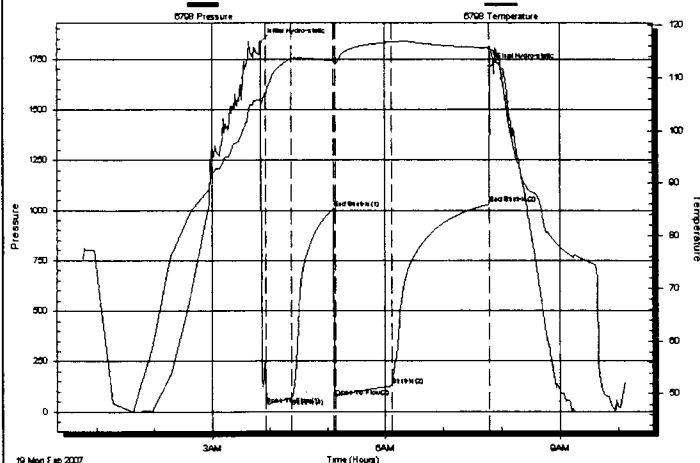
TEST COMMENT: IF Strong blow BOB in 4 1/2 mins.

ISI Weak blow Built to 2 "

FF Fair blow BOB in 15 mins.

FSI Weak blow Built to 2 "

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1833.23	105.72	Initial Hydro-static
4	33.56	107.20	Open To Flow (1)
32	67.25	113.61	Shut-In (1)
76	1006.23	113.24	End Shut-In (1)
77	70.70	112.63	Open To Flow (2)
135	125.41	116.76	Shut-In (2)
237	1030.18	115.65	End Shut-In (2)
238	1710.80	115.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	SaltWater 100%W	1.46
62.00	SOCW 4%O 96%W	0.87
45.00	HOCM 20%O 80%M	0.63
0.00	RW= .080 @ 51 deg. 150000 ppm	0.00
0.00		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

Siroky Oil Management

Koelsch #1

PO Box 464
Pratt KS 67124

11 24 14 Stafford KS

Job Ticket: 25845

DST#: 2

ATTN: Jeffrey Burk

Test Start: 2007.02.19 @ 00:45:12

Tool Information

Drill Pipe:	Length: 3734.00 ft	Diameter: 3.80 inches	Volume: 52.38 bbl	Tool Weight:	2300.00 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: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	60000.00 lb
		Total Volume:	52.53 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	53000.00 lb
Depth to Top Packer:	3762.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	18.00 ft				
Tool Length:	46.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3739.00	
Hydraulic tool	5.00			3744.00	
Jars	5.00			3749.00	
Safety Joint	3.00			3752.00	
Packer	5.00			3757.00	28.00 Bottom Of Top Packer
Packer	5.00			3762.00	
Stubb	1.00			3763.00	
Recorder	0.00	6798	Inside	3763.00	
Perforations	14.00			3777.00	
Recorder	0.00	13249	Outside	3777.00	
Bullnose	3.00			3780.00	18.00 Bottom Packers & Anchor
Total Tool Length:		46.00			



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Siroky Oil Management

Koelsch #1

PO Box 464
Pratt KS 67124

11 24 14 Stafford KS

Job Ticket: 25845

DST#: 2

ATTN: Jeffrey Burk

Test Start: 2007.02.19 @ 00:45:12

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: 70.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 14000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	SaltWater 100%W	1.457
62.00	SOCW 4%O 96%W	0.870
45.00	HOCM 20%O 80%M	0.631
0.00	RW= .080 @ 51 deg. 150000 ppm	0.000
0.00		0.000

Total Length: 231.00 ft

Total Volume: 2.958 bbl

Num Fluid Samples: 0

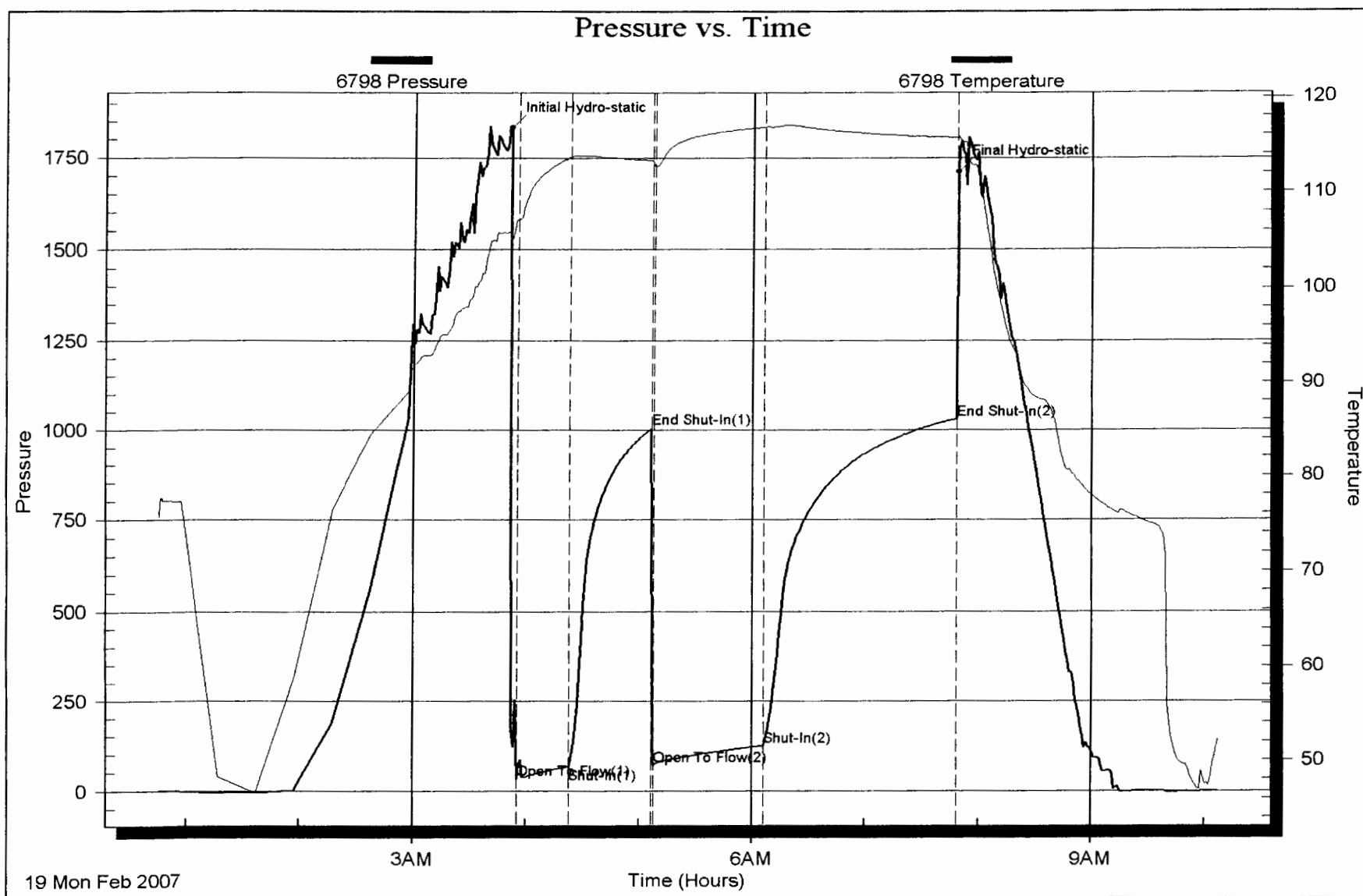
Num Gas Bombs: 0

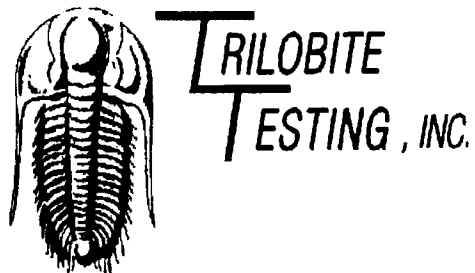
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Siroky Oil Management**

PO Box 464
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11 24 14 Stafford KS

Koelsch #1

Start Date: 2007.02.20 @ 06:53:01

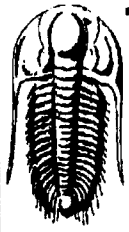
End Date: 2007.02.20 @ 14:57:01

Job Ticket #: 25846 DST #: 3

Trilobite Testing, Inc

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DRILL STEM TEST REPORT

Siroky Oil Management

PO Box 464
Pratt KS 67124

ATTN: Jeffrey Burk

Koelsch #1

11 24 14 Stafford KS

Job Ticket: 25846

DST#: 3

Test Start: 2007.02.20 @ 06:53:01

GENERAL INFORMATION:

Formation: **Mississippi**

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

Time Tool Opened: 09:05:01

Time Test Ended: 14:57:01

Test Type: **Conventional Bottom Hole**

Tester: **Jerry Adams**

Unit No: **36**

Interval: **3910.00 ft (KB) To 3972.00 ft (KB) (TVD)**

Total Depth: **3972.00 ft (KB) (TVD)**

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

Reference Elevations: **1936.00 ft (KB)**

1927.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: 6798

Inside

Press@RunDepth: **59.86 psig @ 3917.00 ft (KB)**

Start Date: **2007.02.20**

End Date:

2007.02.20

Start Time: **06:53:06**

End Time:

14:57:00

Capacity: **7000.00 psig**

Last Calib.: **2007.02.20**

Time On Btm: **2007.02.20 @ 09:02:31**

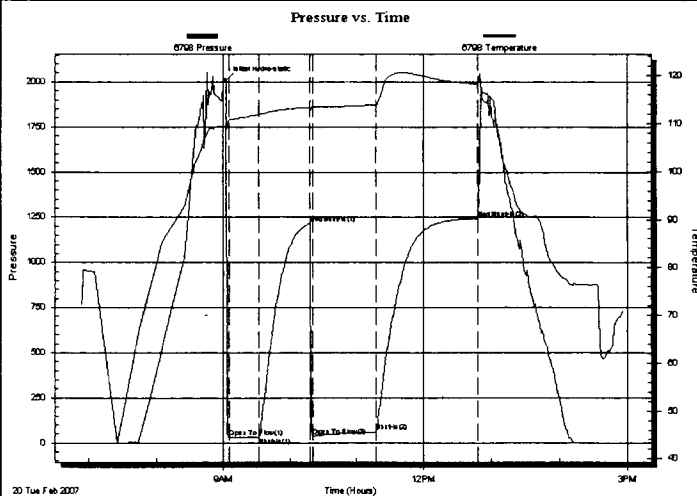
Time Off Btm:

TEST COMMENT: **IF Strong blow BOB in 1 min.**

ISI No blow

FF Strong blow BOB immediately GTS in 2 mins. (see gas flow report)

FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2011.32	109.45	Initial Hydro-static
3	29.00	110.59	Open To Flow (1)
30	32.31	111.84	Shut-In (1)
76	1215.61	113.25	End Shut-In (1)
78	36.46	113.39	Open To Flow (2)
136	59.86	113.81	Shut-In (2)
226	1243.91	118.21	End Shut-In (2)

Recovery

Length (ft)	Description	Volume (bbl)
80.00	SGCM 5%G 95%M	0.84
0.00	3813' GIP	0.00
0.00		0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	2.50	6.36
Last Gas Rate	0.13	18.00	12.16
Max. Gas Rate	0.13	18.00	12.16



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Siroky Oil Management

Koelsch #1

PO Box 464
Pratt KS 67124

11 24 14 Stafford KS

Job Ticket: 25846

DST#: 3

ATTN: Jeffrey Burk

Test Start: 2007.02.20 @ 06:53:01

Tool Information

Drill Pipe:	Length: 3862.00 ft	Diameter: 3.80 inches	Volume: 54.17 bbl	Tool Weight:	2300.00 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: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	80000.00 lb
			Total Volume: 54.32 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	57000.00 lb
Depth to Top Packer:	3910.00 ft			Final	57000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	62.00 ft				
Tool Length:	90.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3887.00	
Hydraulic tool	5.00			3892.00	
Jars	5.00			3897.00	
Safety Joint	3.00			3900.00	
Packer	5.00			3905.00	28.00 Bottom Of Top Packer
Packer	5.00			3910.00	
Stubb	1.00			3911.00	
Perforations	5.00			3916.00	
Change Over Sub	1.00			3917.00	
Recorder	0.00	6798	Inside	3917.00	
Blank Spacing	31.00			3948.00	
Change Over Sub	1.00			3949.00	
Perforations	20.00			3969.00	
Recorder	0.00	13249	Outside	3969.00	
Bullnose	3.00			3972.00	62.00 Bottom Packers & Anchor

Total Tool Length: 90.00



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Siroky Oil Management

Koelsch #1

PO Box 464
Pratt KS 67124

11 24 14 Stafford KS

Job Ticket: 25846

DST#: 3

ATTN: Jeffrey Burk

Test Start: 2007.02.20 @ 06:53:01

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: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 14.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 17000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	SGCM 5%G 95%M	0.840
0.00	3813' GIP	0.000
0.00		0.000

Total Length: 80.00 ft

Total Volume: 0.840 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: GA-1

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Siroky Oil Management

Koelsch #1

PO Box 464
Pratt KS 67124

11 24 14 Stafford KS

Job Ticket: 25846

DST#: 3

ATTN: Jeffrey Burk

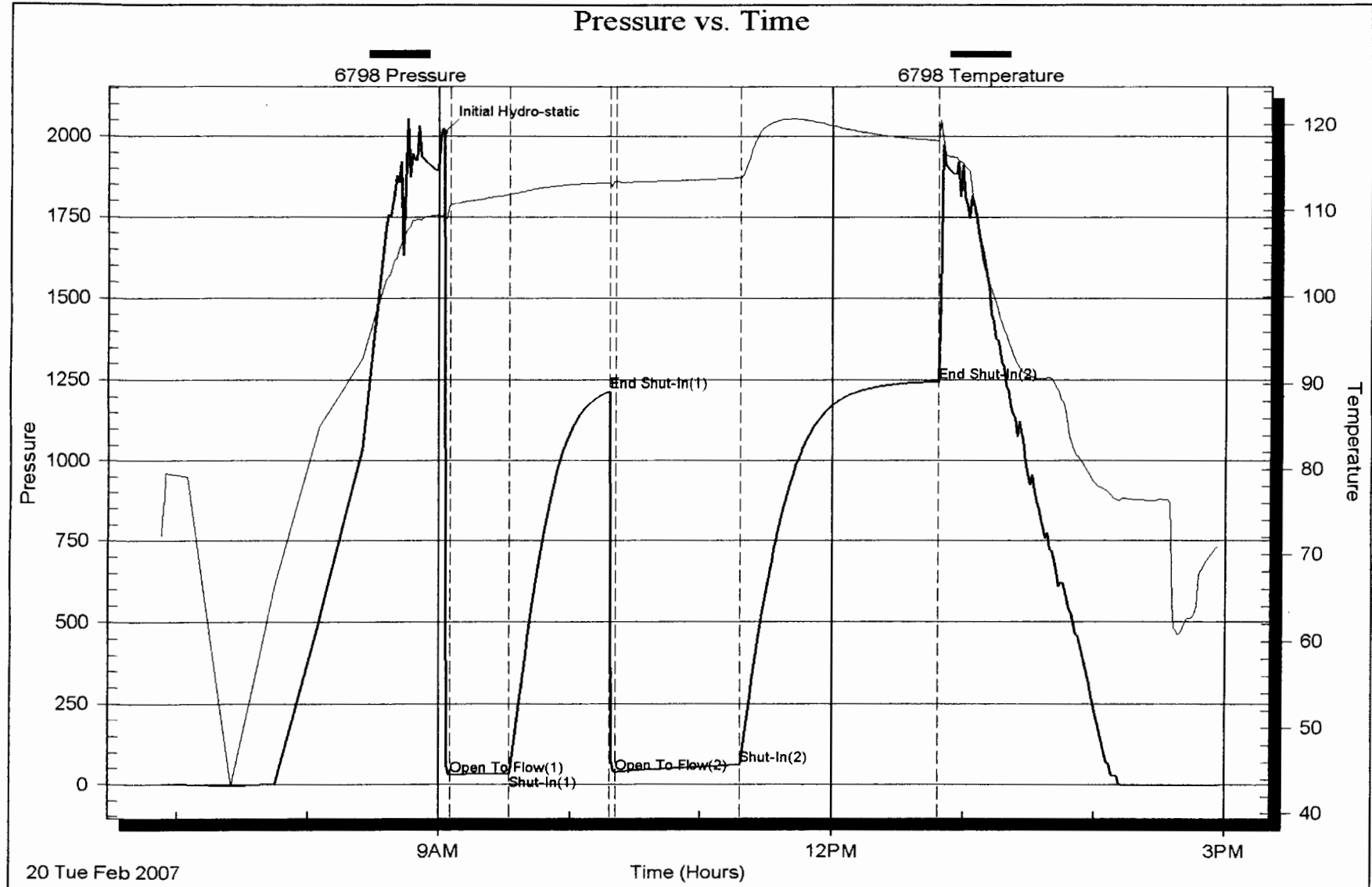
Test Start: 2007.02.20 @ 06:53:01

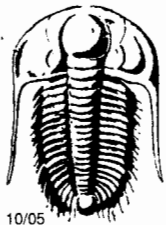
Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	10	0.13	2.50	6.36
2	10	0.13	2.50	6.36
2	20	0.13	6.00	7.67
2	30	0.13	9.00	8.80
2	40	0.13	12.00	9.92
2	50	0.13	15.00	11.04
2	60	0.13	18.00	12.16





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

9870

25844

Test Ticket

Well Name & No. <u>Koelsch #1</u>	Test No. <u>1</u>	Date <u>2-17-07</u>
Company <u>Siroky Oil Management</u>	Zone Tested <u>Lansing "B"</u>	
Address <u>P.O. Box 464 Pratt, Kansas 67124</u>	Elevation <u>1936</u> KB <u>1927</u>	GL
Co. Rep / Geo. <u>Jeffrey Burk</u>	Rig <u>Fossil #1</u>	
Location: Sec. <u>11</u> Twp. <u>24S</u> Rge. <u>14W</u>	Co. <u>Stafford</u>	State <u>KS</u>
Comment: <u>Slid tool 20' to bottom.</u>		Release date / time: _____

Interval Tested <u>3618-3645</u>	Initial Str Wt./Lbs. <u>50,000</u>	Unseated Str Wt./Lbs. <u>52,000</u>
Anchor Length <u>27</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>70,000</u>
Top Packer Depth <u>3613</u>	Tool Weight <u>2,300</u>	
Bottom Packer Depth <u>3618</u>	Hole Size <u>7 7/8" ✓</u>	Rubber Size <u>6 3/4" ✓</u>
Total Depth <u>3645</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>31'</u>
Mud Wt. <u>9.0</u> LCM <u>0</u> Vis. <u>45</u> WL <u>8.0</u>	Drill Pipe Size <u>4 1/2" XH</u>	Ft. Run <u>3575</u>
Blow Description <u>IF: Fair blow. Built to 6 3/4".</u>		
<u>ISI: No blow.</u>		
<u>FF: Weak blow. Built to 1 3/4".</u>		
<u>FSI: No blow.</u>		

Recovery - Total Feet <u>150</u>	GIP <u>0</u>	Ft. in DC <u>31'</u>	Ft. in DP <u>119</u>
Rec. <u>150</u>	Feet of <u>Drilling Mud</u>	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
BHT <u>108</u>	*F Gravity <u>N/C</u>	*API D @ _____	*F Corrected Gravity _____
RW <u>N/C</u>	@ _____	*F Chlorides <u>8,100</u> ppm Recovery _____	*F Chlorides <u>8,100</u> ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud	<u>1704</u>	PSI	Recorder No.	<u>6798</u>	Test <u>✓</u>	<u>1100</u>
(B) First Initial Flow Pressure	<u>84</u>	PSI	(depth)	<u>3619</u>	Jars <u>✓</u>	<u>250</u>
(C) First Final Flow Pressure	<u>84</u>	PSI	Recorder No.	<u>13249</u>	Safety Jt. <u>✓</u>	<u>75</u>
(D) Initial Shut-In Pressure	<u>1106</u>	PSI	(depth)	<u>3642</u>	Circ Sub	
(E) Second Initial Flow Pressure	<u>89</u>	PSI	Recorder No.	_____	Sampler	
(F) Second Final Flow Pressure	<u>90</u>	PSI	(depth)	_____	Straddle	
(G) Final Shut-In Pressure	<u>1014</u>	PSI	Initial Opening	<u>30</u>	Ext. Packer	
(Q) Final Hydrostatic Mud	<u>11689</u>	PSI	Initial Shut-In	<u>45</u>	Shale Packer	
			Final Flow	<u>30</u>	Ruined Packer	
			Final Shut-In	<u>45</u>	Mileage <u>✓ 60 R.T. 75</u>	
			T-On Location	<u>1500</u>	Sub Total:	
			T-Started	<u>11631</u>	Std. By <u>115</u>	<u>150</u>
			T-Open	<u>1917</u>	Acc. Chg:	
			T-Pulled	<u>2150</u>	Other:	
			T-Out	<u>2431</u>	Total:	<u>51100</u>

Approved By [Signature]
Our Representative Gerald Adams

Thank
You.

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CHART PAGE

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

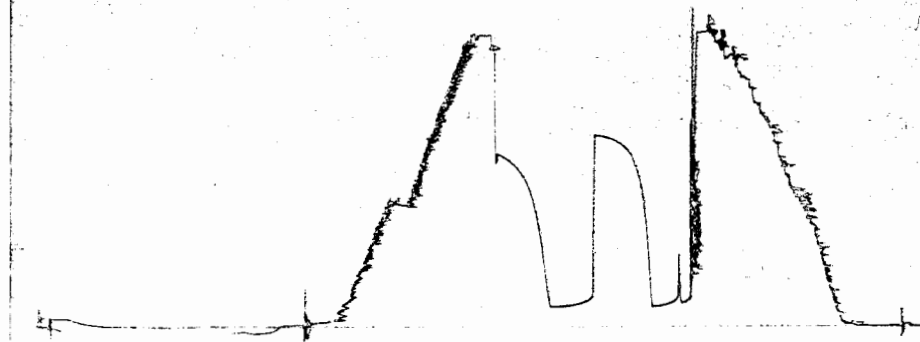
Siroky Oil Management

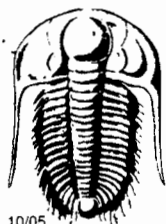
Tick. # 25844

Koelsch #1

DST #1 Lens. "B"

13249





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25845

Test Ticket

Well Name & No. <u>Koelsch #1</u>	Test No. <u>2</u>	Date <u>2-19-07</u>
Company <u>Siroky Oil Management</u>	Zone Tested <u>Lansing "J"</u>	
Address <u>P.O. Box 464 Pratt, Kansas 67124</u>	Elevation <u>1936</u> KB <u>1927</u>	GL
Co. Rep / Geo. <u>Jeffrey Burk</u>	Rig <u>Fossil #1</u>	
Location: Sec. <u>11</u> Twp. <u>24s</u> Rge. <u>14w</u>	Co. <u>Stafford</u>	State <u>Ks.</u>
Comment: _____		Release date / time: _____

Interval Tested <u>3762 - 3780</u>	Initial Str Wt./Lbs. <u>53,000</u>	Unseated Str Wt./Lbs. <u>54,000</u>
Anchor Length <u>18</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>60,000</u>
Top Packer Depth <u>3757</u>	Tool Weight <u>2,300</u>	
Bottom Packer Depth <u>3762</u>	Hole Size 7 7/8" ☒	Rubber Size 6 3/4" ☒
Total Depth <u>3780</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>31</u>
Mud Wt. <u>8.7</u> LCM <u>0</u> Vis. <u>70</u> WL <u>10.2</u>	Drill Pipe Size <u>4 1/2"</u>	Ft. Run <u>3734</u>
Blow Description <u>IF: Strong blow. B.O.B. in 4 1/2 mins.</u>		
<u>ISI: Weak blow. Built to 2".</u>		
<u>FF: Fair blow. B.O.B. in 15 mins.</u>		
<u>FST: Weak blow. Built to 2".</u>		

Recovery - Total Feet <u>231</u>	GIP <u>0</u>	Ft. in DC <u>31</u>	Ft. in DP <u>200</u>
Rec. <u>45</u>	Feet of <u>HOCM</u>	%gas <u>20%</u>	%oil <u>80%</u>
Rec. <u>62</u>	Feet of <u>SOCW</u>	%gas <u>4%</u>	%oil <u>96%</u>
Rec. <u>124</u>	Feet of <u>Saltwater</u>	%gas <u>100%</u>	%oil <u>0%</u>
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
BHT <u>115</u>	*F Gravity <u>N/C</u>	*API D @ _____	*F Corrected Gravity _____
RW <u>.080</u>	@ <u>51</u>	*F Chlorides <u>150,000</u> ppm	Recovery _____ Chlorides <u>14,000</u> ppm

(A) Initial Hydrostatic Mud	AK-1 <u>1842</u> PSI	Alpine	Recorder No. <u>6798</u>	Test ☒	<u>1160</u>
(B) First Initial Flow Pressure	<u>34</u> PSI		(depth) <u>3763</u>	Jars ☒	<u>250</u>
(C) First Final Flow Pressure	<u>67</u> PSI		Recorder No. <u>13249</u>	Safety Jt. ☒	<u>75</u>
(D) Initial Shut-In Pressure	<u>1006</u> PSI		(depth) <u>3777</u>	Circ Sub	
(E) Second Initial Flow Pressure	<u>71</u> PSI		Recorder No. _____	Sampler	
(F) Second Final Flow Pressure	<u>125</u> PSI		(depth) _____	Straddle	
(G) Final Shut-In Pressure	<u>1030</u> PSI	Initial Opening	<u>30</u>	Ext. Packer	
(Q) Final Hydrostatic Mud	<u>1808</u> PSI	Initial Shut-In	<u>45</u>	Shale Packer	

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Approved By _____

Our Representative Jerry Adams

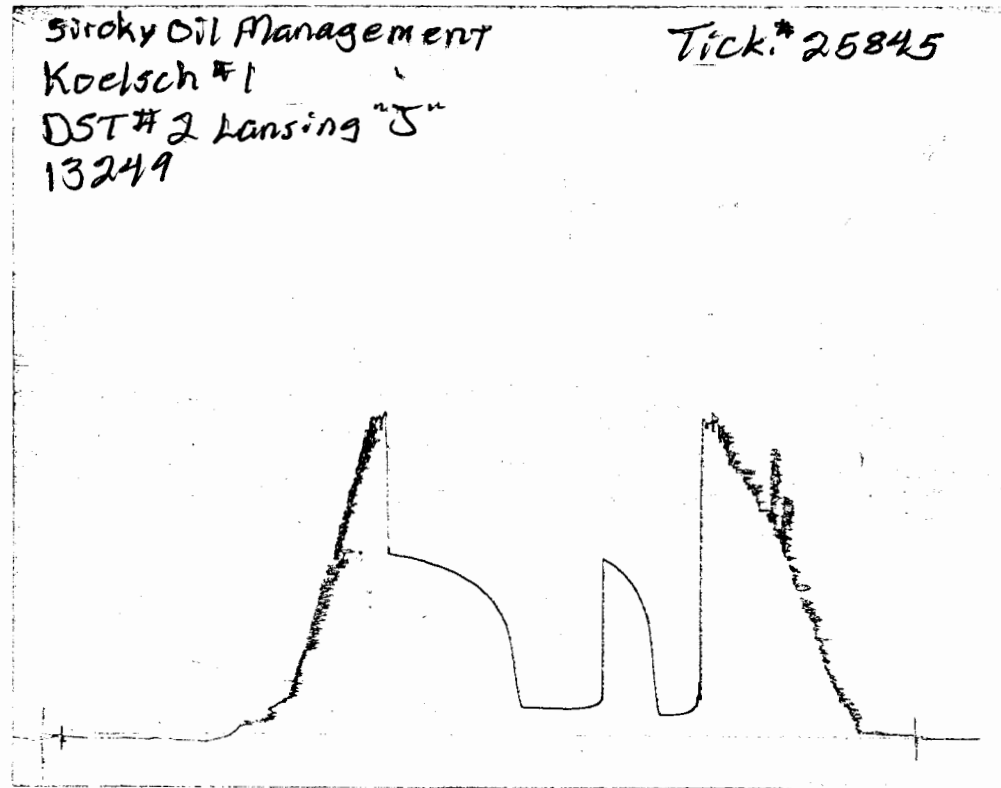
Thank
You.

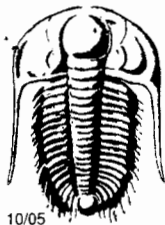
Final Flow	<u>60</u>
Final Shut-In	<u>90</u>
T-On Location	<u>2300</u>
T-Started	<u>2445</u>
T-Open	<u>0355</u>
T-Pulled	<u>0746</u>
T-Out	<u>1007</u>

Ruined Packer	
Mileage ☒	<u>60 R.T. 15</u>
Sub Total:	
Std. By <u>3hr</u>	<u>300</u>
Acc. Chg:	
Other:	<u>51800</u>
Total:	

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25846

Test Ticket

Well Name & No. <u>Koelsch #1</u>	Test No. <u>3</u>	Date <u>2-20-07</u>
Company <u>Siroky Oil Management</u>	Zone Tested <u>Mississippi</u>	
Address <u>P.O. Box 464 Pratt, Kansas 67124</u>	Elevation <u>1936</u>	KB <u>1927</u> GL
Co. Rep / Geo. <u>Jeffrey Burk</u>	Rig <u>Fossil #1</u>	
Location: Sec. <u>11</u> Twp. <u>24S</u> Rge. <u>14W</u>	Co. <u>Stafford</u>	State <u>K.S.</u>
Comment: _____		Release date / time: _____

Interval Tested <u>3910-3972</u>	Initial Str Wt./Lbs. <u>57,000</u>	Unseated Str Wt./Lbs. <u>57,000</u>
Anchor Length <u>62</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>80,000</u>
Top Packer Depth <u>3905</u>	Tool Weight <u>2,300</u>	
Bottom Packer Depth <u>3910</u>	Hole Size 7 7/8" <u>✓</u>	Rubber Size 6 3/4" <u>✓</u>
Total Depth <u>3972</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>31</u>
Mud Wt. <u>9.1</u> LCM <u>550</u> Vis. <u>55</u> WL <u>14.2</u>	Drill Pipe Size <u>4 1/2" XH</u>	Ft. Run <u>3862</u>
Blow Description <u>IF: Strong blow. B.O.B. in 1 min.</u>		
<u>IST: No blow.</u>		
<u>FF: Strong blow. B.O.B. immediately. GTS in 2 mins. (see gas flow report.)</u>		
<u>FST: No blow.</u>		

Recovery - Total Feet <u>80</u>	GIP <u>3813</u>	Ft. in DC <u>31</u>	Ft. in DP <u>49</u>
Rec. <u>80</u>	Feet of <u>SGCM</u>	5 %gas	%oil %water <u>25</u> %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 <u>118</u>	*F Gravity <u>N/C</u>	*API D @ _____	*F Corrected Gravity _____ *API
RW <u>N/C</u>	@ _____ *F	Chlorides <u>17,000</u> ppm Recovery _____	Chlorides <u>17,000</u> ppm System

(A) Initial Hydrostatic Mud	<u>2031</u> PSI	Recorder No. <u>6798</u>	Test <u>✓</u> <u>1100</u>
(B) First Initial Flow Pressure	<u>29</u> PSI	(depth) <u>3917</u>	Jars <u>✓</u> <u>250</u>
(C) First Final Flow Pressure	<u>32</u> PSI	Recorder No. <u>13249</u>	Safety Jt. <u>✓</u> <u>15</u>
(D) Initial Shut-In Pressure	<u>1216</u> PSI	(depth) <u>3969</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>36</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>60</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1244</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1975</u> PSI	Initial Shut-In <u>45</u>	Shale Packer _____

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Approved By [Signature]
Our Representative Jerry Adams

Thank
You.

Final Flow	<u>60</u>
Final Shut-In	<u>90</u>
T-On Location	<u>0600</u>
T-Started	<u>0653</u>
T-Open	<u>0905</u>
T-Pulled	<u>1252</u>
T-Out	<u>1457</u>

Ruined Packer	_____
Mileage <u>✓ 60 R.T. 15</u>	
Sub Total:	_____
Std. By <u>1hr</u>	<u>100</u>
Acc. Chg:	_____
Other:	<u>81600</u>
Total:	_____



DST NO.

Remarks:

CHART PAGE

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

