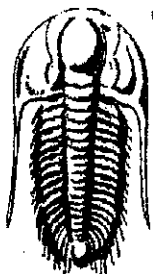


K65



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Hutchinson Oil Company**

P.O. Box 521
Derby, KS 67037-0521

15-185-23559-00-00

ATTN: Josh Austin

700 FNL 580 FWL
NW NW

30 23s12w StaffordKS

GEO. BLAKESLEE TRUST #1 ✓

Start Date: 2008.12.28 @ 05:15:00 ✓

End Date: 2008.12.28 @ 13:01:20

Job Ticket #: 35030

DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 20 2009

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Hutchinson Oil Company

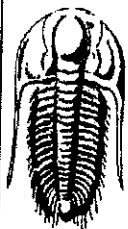
GEO. BLAKESLEE TRUST #1

30 23s12w StaffordKS

DST # 1

Lansing "B-F"

2008.12.28



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Hutchinson Oil Company

P.O. Box 521
Derby, KS 67037-0521

ATTN: Josh Austin

GEO. BLAKESLEE TRUST #1

30 23s12w StaffordKS

Job Ticket: 35030 **DST#: 1**

Test Start: 2008.12.28 @ 05:15:00

GENERAL INFORMATION:

Formation: **Lansing "B-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:47:40

Time Test Ended: 13:01:20

Interval: **3463.00 ft (KB) To 3535.00 ft (KB) (TVD)**

Total Depth: 3535.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Reference Elevations: 1892.00 ft (KB)

1882.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8352

Inside

Press@RunDepth: 57.81 psig @ 3464.00 ft (KB)

Start Date: 2008.12.28 End Date: 2008.12.28

Start Time: 05:15:02 End Time: 13:01:19

Capacity: 7000.00 psig

Last Calib.: 2008.12.28

Time On Btm: 2008.12.28 @ 07:45:30

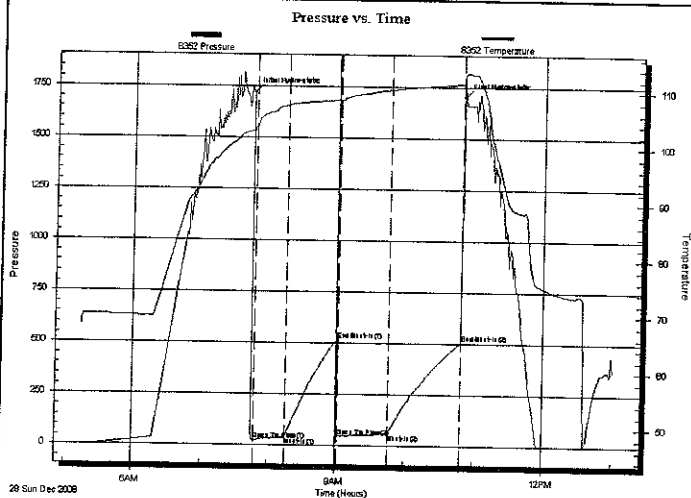
Time Off Btm: 2008.12.28 @ 10:49:20

TEST COMMENT: IF: Strong blow, BOB 1 minute 10 seconds, No GTS.

IS: Bled off, no blow back.

FF: Strong blow, BOB 10 seconds, No GTS.

FS: Bled off, no blow back.



PRESSURE SUMMARY

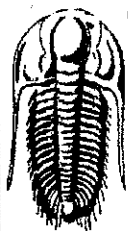
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1722.61	103.07	Initial Hydro-static
3	23.79	103.84	Open To Flow (1)
30	40.00	107.60	Shut-In(1)
76	516.13	108.53	End Shut-In(1)
77	43.12	108.54	Open To Flow (2)
121	57.81	110.39	Shut-In(2)
184	506.24	111.50	End Shut-In(2)
184	1703.14	112.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	SGCOSM 5%g 2%o 93%am	0.56
60.00	GCSOCWCM 20%g 2%o 20%w 58%am	0.84
0.00	RW .32 @ 53F	0.00

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hutchinson Oil Company

GEO. BLAKESLEE TRUST #1

P.O. Box 521
Derby, KS 67037-0521

30 23s12w StaffordKS

Job Ticket: 35030

DST#: 1

ATTN: Josh Austin

Test Start: 2008.12.28 @ 05:15:00

Tool Information

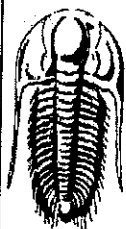
Drill Pipe:	Length: 3475.00 ft	Diameter: 3.80 inches	Volume: 48.75 bbl	Tool Weight:	3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	48000.00 lb
			Total Volume: 48.75 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial	44000.00 lb
Depth to Top Packer:	3463.00 ft			Final	44000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	72.00 ft				
Tool Length:	92.00 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			3448.00	
Hydraulic tool	5.00			3453.00	
Packer	5.00			3458.00	20.00 Bottom Of Top Packer
Packer	5.00			3463.00	
Stubb	1.00			3464.00	
Recorder	0.00	8352	Inside	3464.00	
Recorder	0.00	6799	Inside	3464.00	
Perforations	3.00			3467.00	
Blank Spacing	65.00			3532.00	
Bullnose	3.00			3535.00	72.00 Bottom Packers & Anchor
Total Tool Length:	92.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Hutchinson Oil Company

GEO. BLAKESLEE TRUST #1

P.O. Box 521
Derby, KS 67037-0521

30 23s12w StaffordKS

Job Ticket: 35030

DST#: 1

ATTN: Josh Austin

Test Start: 2008.12.28 @ 05:15:00

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:

28000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	SGCOSM 5%g 2%o 93%m	0.561
60.00	GCSOCWCM 20%g 2%o 20%w 58%m	0.842
0.00	RW .32 @ 53F	0.000

Total Length: 100.00 ft

Total Volume: 1.403 bbl

Num Fluid Samples: 0

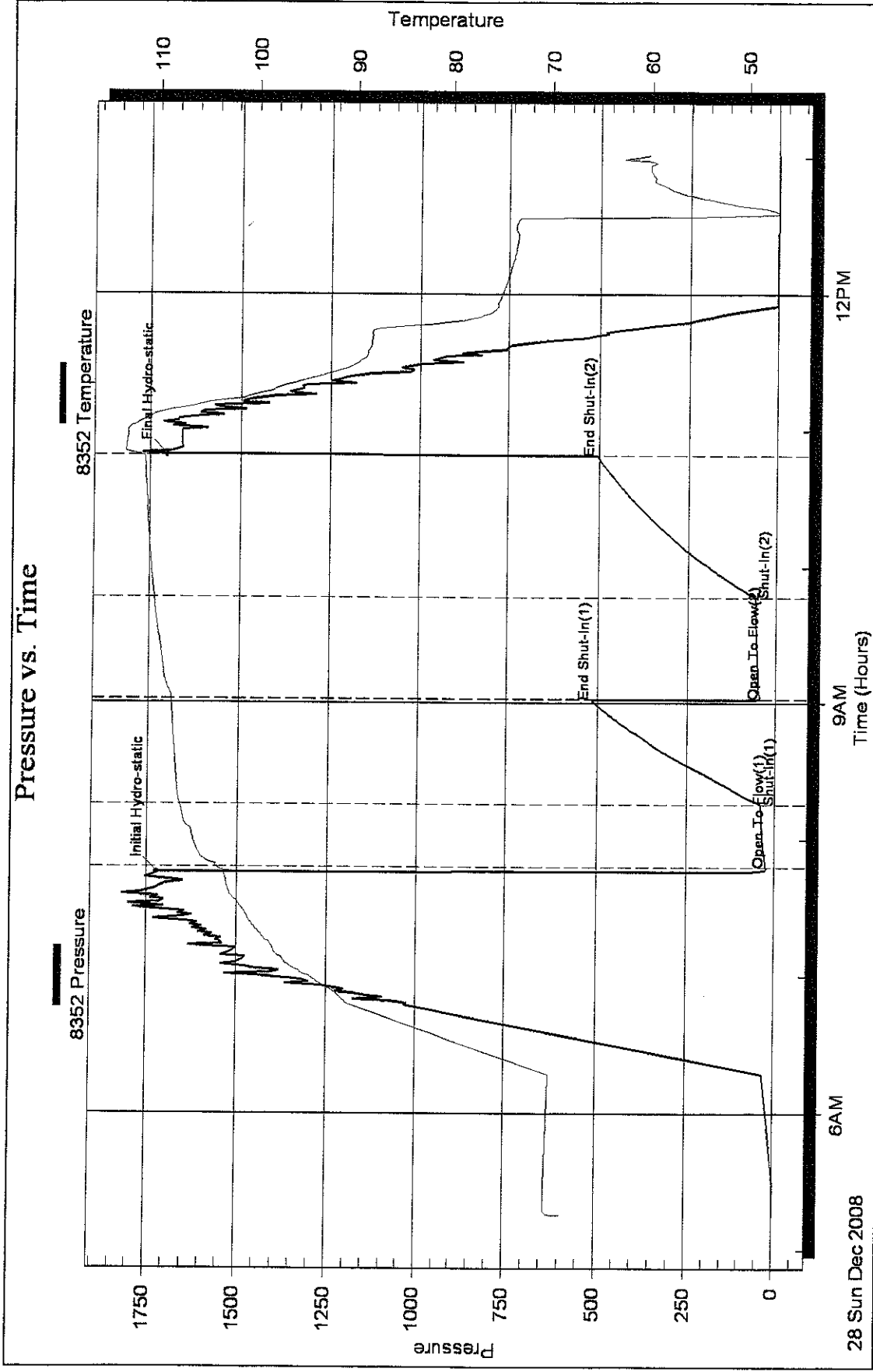
Num Gas Bombs: 0

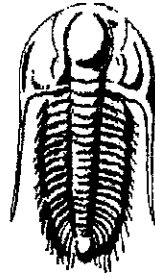
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Hutchinson Oil Company**

P.O. Box 521
Derby, KS 67037-0521

ATTN: Josh Austin

30 23s12w StaffordKS

GEO. BLAKESLEE TRUST #1

Start Date: 2008.12.28 @ 22:50:00

End Date: 2008.12.29 @ 06:47:09

Job Ticket #: 35031 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Hutchinson Oil Company

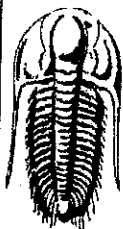
GEO. BLAKESLEE TRUST #1

30 23s12w StaffordKS

DST # 2

Lansing "H-J"

2008.12.28



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Hutchinson Oil Company

P.O. Box 521
Derby, KS 67037-0521

ATTN: Josh Austin

GEO. BLAKESLEE TRUST #1

30 23s12w StaffordKS

Job Ticket: 35031

DST#: 2

Test Start: 2008.12.28 @ 22:50:00

GENERAL INFORMATION:

Formation: **Lansing "H-J"**

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

Time Tool Opened: 01:06:00

Time Test Ended: 06:47:09

Interval: **3573.00 ft (KB) To 3633.00 ft (KB) (TVD)**

Total Depth: **3633.00 ft (KB) (TVD)**

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

Test Type: **Conventional Bottom Hole**

Tester: **Jake Fahrenbruch**

Unit No: **43**

Reference Elevations: **1892.00 ft (KB)**

1882.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8352

Inside

Press@RunDepth: **40.60 psig @ 3574.00 ft (KB)**

Start Date: **2008.12.28**

End Date:

2008.12.29

Capacity: **7000.00 psig**

Last Calib.: **2008.12.29**

Start Time: **22:50:02**

End Time:

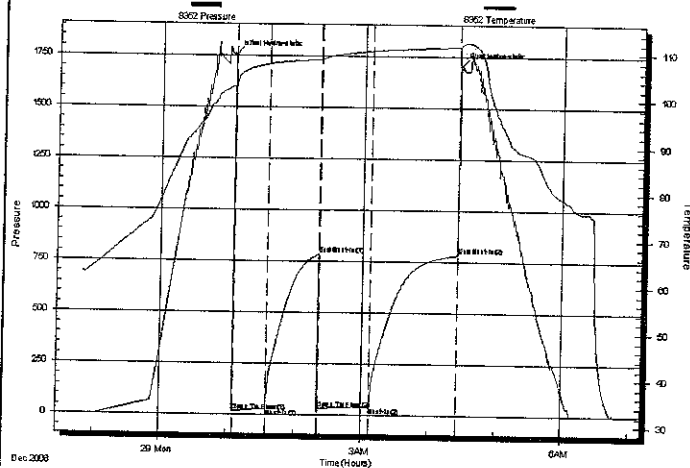
06:47:10

Time On Btm: **2008.12.29 @ 01:05:10**

Time Off Btm: **2008.12.29 @ 04:26:40**

TEST COMMENT: IF: Strong blow, BOB 1 minute 30 seconds.
ISI: Bled off, no blow back.
FF: Strong blow, BOB immediately, GTS 30 minutes.
FSI: Bled off, no blow back.

Pressure vs. Time



PRESSURE SUMMARY

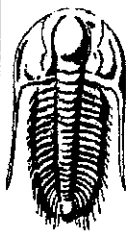
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1758.69	102.86	Initial Hydro-static
1	15.72	102.60	Open To Flow (1)
31	31.79	107.73	Shut-In(1)
76	783.84	108.72	End Shut-In(1)
76	28.16	108.68	Open To Flow(2)
122	40.60	110.61	Shut-In(2)
201	783.41	111.54	End Shut-In(2)
202	1703.60	111.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Drilling Mud 100% m	0.91
0.00	3505' Gas In Pipe	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	4.50	29.98
Last Gas Rate	0.25	3.00	27.60
Max. Gas Rate	0.25	4.50	29.98



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hutchinson Oil Company

GEO. BLAKESLEE TRUST #1

P.O. Box 521
Derby, KS 67037-0521

30 23s12w StaffordKS

Job Ticket: 35031

DST#: 2

ATTN: Josh Austin

Test Start: 2008.12.28 @ 22:50:00

Tool Information

Drill Pipe:	Length: 3570.00 ft	Diameter: 3.80 inches	Volume: 50.08 bbl	Tool Weight:	3000.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	46000.00 lb
		Total Volume:	50.08 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial	44000.00 lb
Depth to Top Packer:	3573.00 ft			Final	44000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	60.00 ft				
Tool Length:	80.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3558.00	
Hydraulic tool	5.00			3563.00	
Packer	5.00			3568.00	20.00 Bottom Of Top Packer
Packer	5.00			3573.00	
Stubb	1.00			3574.00	
Recorder	0.00	8352	Inside	3574.00	
Recorder	0.00	6799	Inside	3574.00	
Perforations	23.00			3597.00	
Blank Spacing	33.00			3630.00	
Bullnose	3.00			3633.00	60.00 Bottom Packers & Anchor
Total Tool Length:	80.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Hutchinson Oil Company

GEO. BLAKESLEE TRUST #1

P.O. Box 521
Derby, KS 67037-0521

30 23s12w StaffordKS

Job Ticket: 35031 **DST#: 2**

ATTN: Josh Austin

Test Start: 2008.12.28 @ 22:50:00

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Drilling Mud 100% _m	0.912
0.00	3505' Gas In Pipe	0.000

Total Length: 65.00 ft

Total Volume: 0.912 bbl

Num Fluid Samples: 1

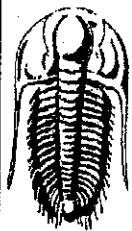
Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Hutchinson Oil Company

GEO. BLAKESLEE TRUST #1

P.O. Box 521
Derby, KS 67037-0521

30 23s12w StaffordKS

Job Ticket: 35031

DST#: 2

ATTN: Josh Austin

Test Start: 2008.12.28 @ 22:50:00

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	30	0.25	4.50	29.98
2	30	0.25	4.50	29.98
2	35	0.25	3.50	28.40
2	40	0.25	3.00	27.60

Serial #: 8352

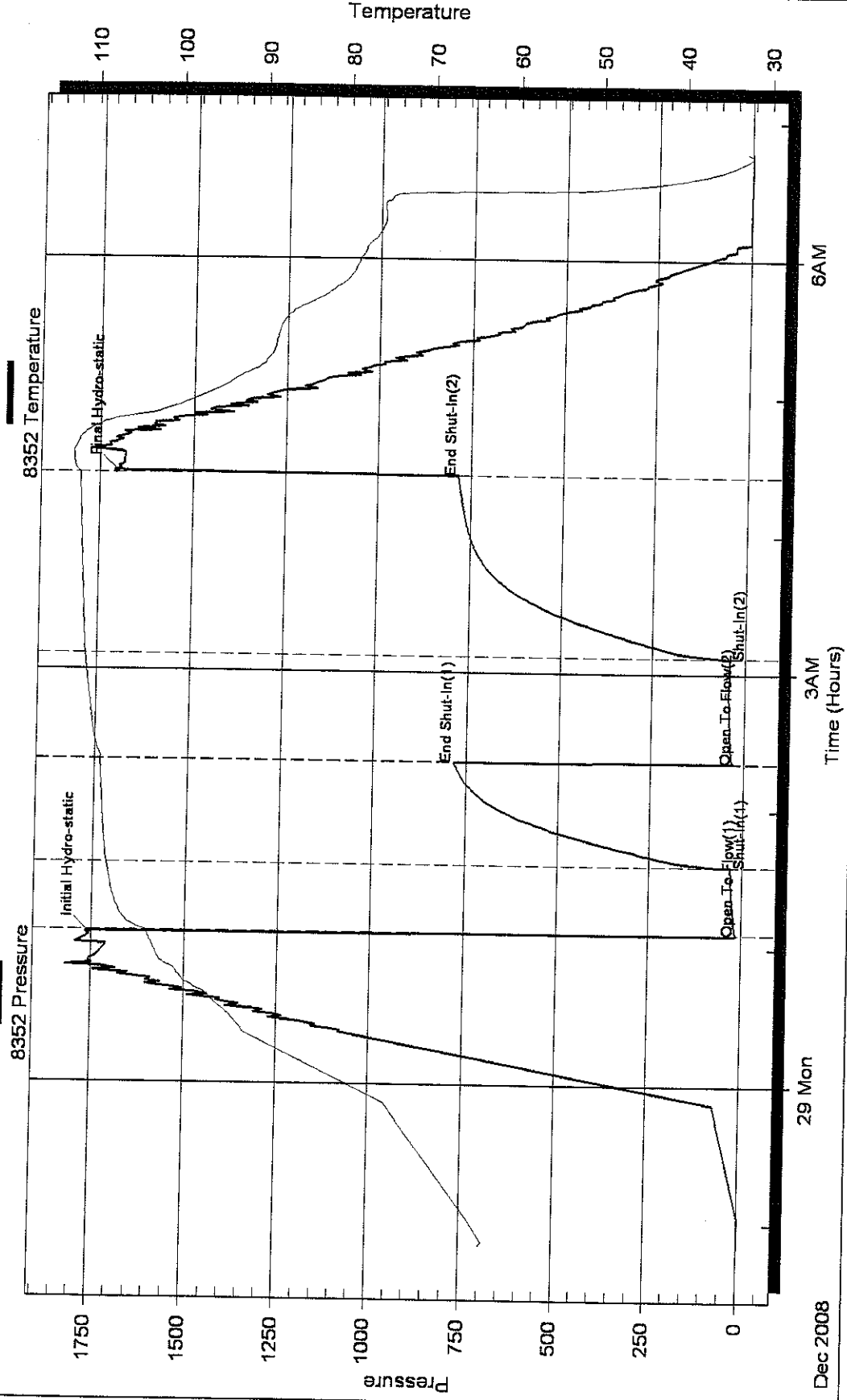
Inside

Hutchinson Oil Company

30 23s12w StaffordKS

DST Test Number: 2

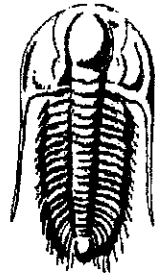
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 35031

Printed: 2009.01.05 @ 09:34:44 Page 6



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Hutchinson Oil Company**

P.O. Box 521
Derby, KS 67037-0521

ATTN: Josh Austin

30 23s12w StaffordKS

GEO. BLAKESLEE TRUST #1

Start Date: 2008.12.29 @ 15:25:00

End Date: 2008.12.29 @ 22:00:50

Job Ticket #: 35032 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Hutchinson Oil Company

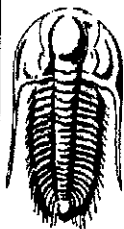
GEO. BLAKESLEE TRUST #1

30 23s12w StaffordKS

DST # 3

Lansing "K"

2008.12.29



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Hutchinson Oil Company

P.O. Box 521
Derby, KS 67037-0521

ATTN: Josh Austin

GEO. BLAKESLEE TRUST #1

30 23s12w StaffordKS

Job Ticket: 35032

DST#: 3

Test Start: 2008.12.29 @ 15:25:00

GENERAL INFORMATION:

Formation: **Lansing "K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:13:10

Time Test Ended: 22:00:50

Interval: **3635.00 ft (KB) To 3665.00 ft (KB) (TVD)**

Total Depth: 3665.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Reference Elevations: 1892.00 ft (KB)

1882.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8352 Inside

Press@RunDepth: 76.55 psig @ 3636.00 ft (KB)

Start Date: 2008.12.29

End Date: 2008.12.29

Start Time: 15:25:02

End Time: 21:58:49

Capacity: 7000.00 psig

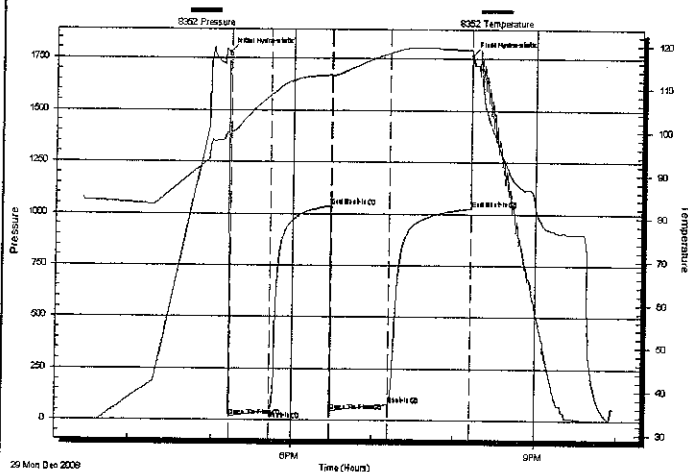
Last Calib.: 2008.12.29

Time On Btm: 2008.12.29 @ 17:12:10

Time Off Btm: 2008.12.29 @ 20:12:50

TEST COMMENT: IF: Fair blow, BOB 22 minutes.
ISI: Bled off, no blow back.
FF: Fairly weak blow, built to 8" in bucket.
FSI: Bled off, no blow back.

Pressure vs. Time



PRESSURE SUMMARY

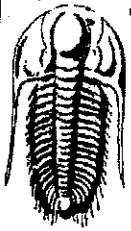
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1779.24	99.87	Initial Hydro-static
1	17.11	99.75	Open To Flow (1)
32	44.07	108.56	Shut-In (1)
77	1037.54	113.17	End Shut-In (1)
77	45.78	113.08	Open To Flow (2)
121	76.55	118.31	Shut-In (2)
181	1026.75	119.02	End Shut-In (2)
181	1764.14	117.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	MCW 20% m 80% w	1.75
0.00	180' Gas In Pipe	0.00
0.00	RW=37ohm@41degF=32000ppmChl	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

Hutchinson Oil Company

GEO. BLAKESLEE TRUST #1

P.O. Box 521
Derby, KS 67037-0521

30 23s12w StaffordKS

Job Ticket: 35032

DST#: 3

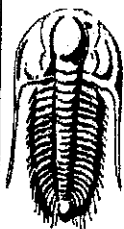
ATTN: Josh Austin

Test Start: 2008.12.29 @ 15:25:00

Tool Information

Drill Pipe:	Length: 3630.00 ft	Diameter: 3.80 inches	Volume: 50.92 bbl	Tool Weight:	2500.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	45000.00 lb
			<u>Total Volume: 50.92 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	44000.00 lb
Depth to Top Packer:	3635.00 ft			Final	44000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	30.00 ft				
Tool Length:	50.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3620.00	
Hydraulic tool	5.00			3625.00	
Packer	5.00			3630.00	20.00 Bottom Of Top Packer
Packer	5.00			3635.00	
Stubb	1.00			3636.00	
Recorder	0.00	8352	Inside	3636.00	
Recorder	0.00	6799	Inside	3636.00	
Perforations	26.00			3662.00	
Bullnose	3.00			3665.00	30.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Hutchinson Oil Company

GEO. BLAKESLEE TRUST #1

P.O. Box 521
Derby, KS 67037-0521

30 23s12w StaffordKS

Job Ticket: 35032

DST#: 3

ATTN: Josh Austin

Test Start: 2008.12.29 @ 15:25:00

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	MCW 20% _m 80% _w	1.753
0.00	180' Gas In Pipe	0.000
0.00	RW=.37ohm@41degF=32000ppmCl	0.000

Total Length: 125.00 ft

Total Volume: 1.753 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

