

**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Black Diamond Oil Inc

Stice #2

PO Box 641
Hays, KS 67601

27-8-19 Rooks, KS

Job Ticket: 41868 DST#: 1

ATTN: Tony Richardson

Test Start: 2011.04.10 @ 10:58:52

GENERAL INFORMATION:

Formation: Toronto - LKC "A"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:46:21

Time Test Ended: 14:59:21

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: 3122.00 ft (KB) To 3197.00 ft (KB) (TVD)

Reference Elevations: 1978.00 ft (KB)

Total Depth: 3197.00 ft (KB) (TVD)

1970.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8734

Outside

Press@RunDepth: 130.07 psig @ 3125.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.10

End Date: 2011.04.10

Last Calib.: 2011.04.10

Start Time: 10:58:52

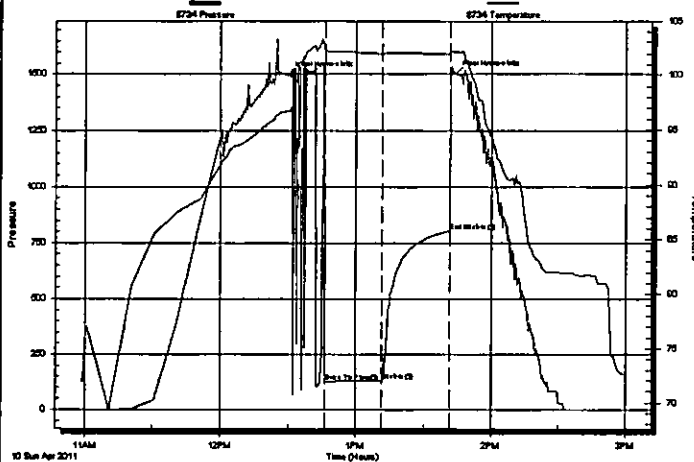
End Time: 14:59:21

Time On Btm: 2011.04.10 @ 12:29:51

Time Off Btm: 2011.04.10 @ 13:43:51

TEST COMMENT: tool slid 30' to bottom - tool opened 6 times to bottom
IFP - no blow
SI - no blow back
TIME - 30-30

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1497.48	96.66	Initial Hydro-static
17	124.26	102.09	Open To Flow (1)
42	130.07	101.99	Shut-In(1)
72	802.16	101.94	End Shut-In(1)
74	1502.81	102.16	Final Hydro-static

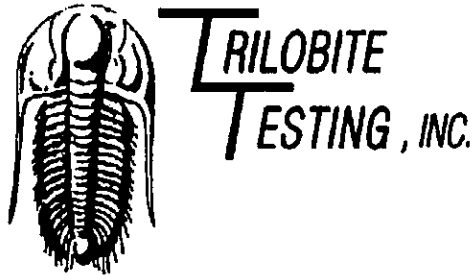
RECEIVED
KANSAS CORPORATION COMMISSION
JUN 20 2011
CONSERVATION DIVISION
WICHITA, KS

Recovery

Length (ft)	Description	Volume (bbl)
155.00	mud 100%	1.89

Gas Rates

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



DRILL STEM TEST REPORT

Prepared For: **Black Diamond Oil Inc**

PO Box 641
Hays, KS 67601

ATTN: Tony Richardson

27-8-19 Rooks,KS

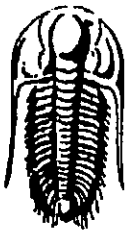
Stice #2

Start Date: 2011.04.10 @ 10:58:52

End Date: 2011.04.10 @ 14:59:21

Job Ticket #: 41868 DST #: 1

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Black Diamond Oil Inc

Stice #2

PO Box 641
Hays, KS 67601

27-8-19 Rooks, KS

Job Ticket: 41870

DST#: 2

ATTN: Tony Richardson

Test Start: 2011.04.11 @ 05:46:40

GENERAL INFORMATION:

Formation: LKC "H-L"

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 08:38:39

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: 3282.00 ft (KB) To 3389.00 ft (KB) (TVD)

Reference Elevations: 1978.00 ft (KB)

Total Depth: 3389.00 ft (KB) (TVD)

1970.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8734

Outside

Press@RunDepth: psig @ 3286.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.11

End Date: 2011.04.11

Last Calib.: 2011.04.11

Start Time: 05:46:40

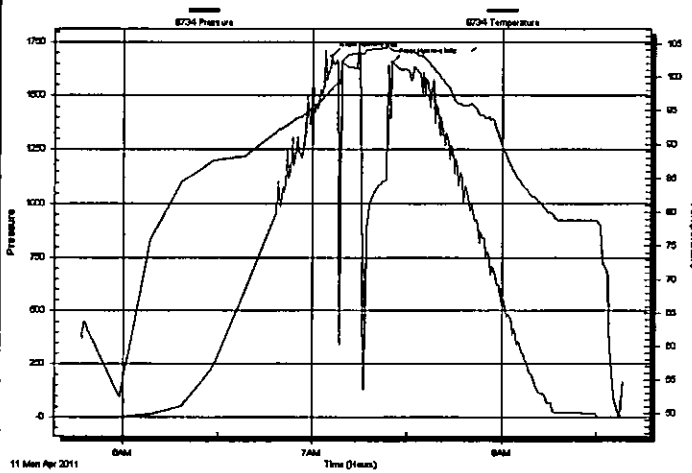
End Time: 08:38:39

Time On Btm: 2011.04.11 @ 07:06:09

Time Off Btm: 2011.04.11 @ 07:25:09

TEST COMMENT: IFP -
ISI - TOOL SLID 20' TO BOTTOM
FFP -
FSI -

Pressure vs. Time



PRESSURE SUMMARY

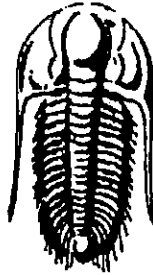
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1685.41	98.17	Initial Hydro-static
19	1656.29	104.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
115.00	MUD	1.33

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Black Diamond Oil Inc**

PO Box 641
Hays, KS 67601

ATTN: Tony Richardson

27-8-19 Rooks,KS

Stice #2

Start Date: 2011.04.11 @ 05:46:40

End Date: 2011.04.11 @ 08:38:39

Job Ticket #: 41870 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Black Diamond Oil Inc

Stice #2

27-8-19 Rooks,KS

DST # 2

LKC "H.L."

2011.04.11



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Black Diamond Oil Inc

Stice #2

PO Box 641
Hays, KS 67601

27-8-19 Rooks, KS

Job Ticket: 41871

DST#: 3

ATTN: Tony Richardson

Test Start: 2011.04.11 @ 19:32:29

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 22:42:28

Test Type: Conventional Straddle

Tester: Brian Fairbank

Unit No: 41

Interval: 3360.00 ft (KB) To 3424.00 ft (KB) (TVD)

Reference Elevations: 1978.00 ft (KB)

Total Depth: 3473.00 ft (KB) (TVD)

1970.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8365 Below (Straddle)

Press@RunDepth: psig @ 3442.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.11

End Date:

2011.04.11

Last Calib.:

2011.04.14

Start Time: 19:32:29

End Time:

22:42:28

Time On Btm:

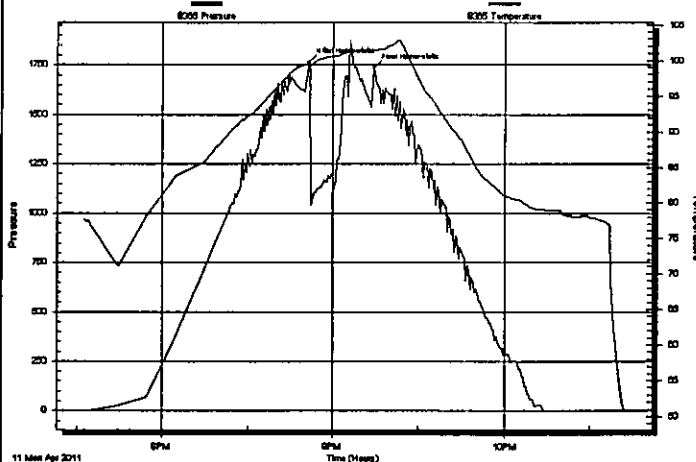
2011.04.11 @ 20:51:28

Time Off Btm:

2011.04.11 @ 21:14:28

TEST COMMENT: Tool slid 4' to bottom
IFP - 5" blow - died 6 min - flush - no blow
TIME - 10 - flush - 10

Pressure vs. Time



PRESSURE SUMMARY

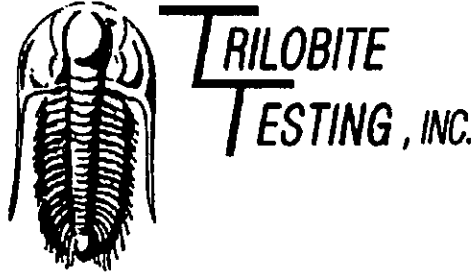
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1766.08	99.46	Initial Hydro-static
23	1735.41	101.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	mud 100%	0.77

Gas Rates

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



DRILL STEM TEST REPORT

Prepared For: **Black Diamond Oil Inc**

PO Box 641
Hays, KS 67601

ATTN: Tony Richardson

27-8-19 Rooks,KS

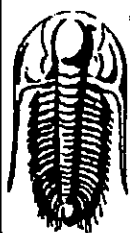
Stice #2

Start Date: 2011.04.11 @ 19:32:29

End Date: 2011.04.11 @ 22:42:28

Job Ticket #: 41871 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

Black Diamond Oil Inc

Stice #2

PO Box 641
Hays, KS 67601

27-8-19 Rooks, KS

Job Ticket: 41872

DST#: 4

ATTN: Tony Richardson

Test Start: 2011.04.12 @ 04:16:24

GENERAL INFORMATION:

Formation: **Arbuckle**

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

Time Tool Opened: 05:46:53

Time Test Ended: 09:16:23

Test Type: **Conventional Straddle**

Tester: **Brian Fairbank**

Unit No: **41**

Interval: **3360.00 ft (KB) To 3424.00 ft (KB) (TVD)**

Reference Elevations: **1978.00 ft (KB)**

Total Depth: **3473.00 ft (KB) (TVD)**

1970.00 ft (CF)

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

KB to GR/CF: **8.00 ft**

Serial #: **8734**

Outside

Press@RunDepth: **978.02 psig @ 3366.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.04.12**

End Date: **2011.04.12**

Last Calib.: **2011.04.12**

Start Time: **04:16:24**

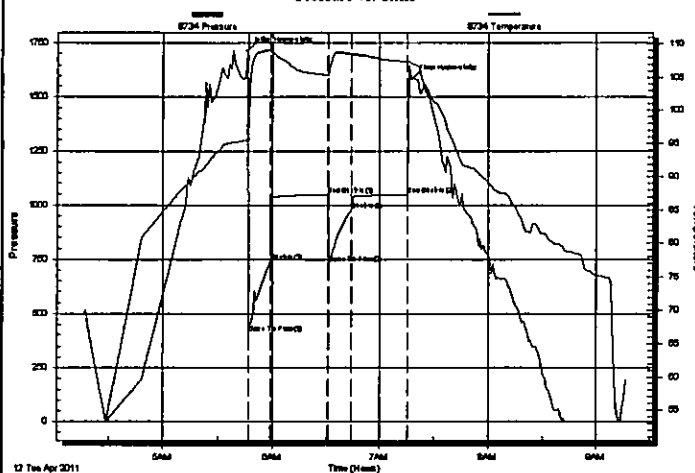
End Time: **09:16:23**

Time On Btm: **2011.04.12 @ 05:46:23**

Time Off Btm: **2011.04.12 @ 07:17:53**

TEST COMMENT: IFP - BOB 1 min
ISI - no blow back
FFP - BOB 45 sec
FSI - no blow back

Pressure vs. Time



PRESSURE SUMMARY

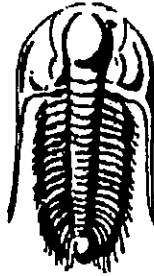
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1714.29	95.53	Initial Hydro-static
1	409.71	95.70	Open To Flow (1)
13	739.77	109.00	Shut-In(1)
45	1046.82	105.37	End Shut-In(1)
45	729.28	105.32	Open To Flow (2)
58	978.02	108.52	Shut-In(2)
89	1046.76	107.36	End Shut-In(2)
92	1585.93	107.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MW 95%W, 5%M	1.40
750.00	REVERSED OUT ↺	10.52
555.00	SOCMW 5%O, 80%W, 15%M	7.79
310.00	WM 50% W 50%M	4.35
310.00	MJD 100%	4.35

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Black Diamond Oil Inc**

PO Box 641
Hays, KS 67601

ATTN: Tony Richardson

27-8-19 Rooks,KS

Stice #2

Start Date: 2011.04.12 @ 04:16:24

End Date: 2011.04.12 @ 09:16:23

Job Ticket #: 41872 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Black Diamond Oil Inc

Stice #2

27-8-19 Rooks,KS

DST # 4

Arbuckle

2011.04.12