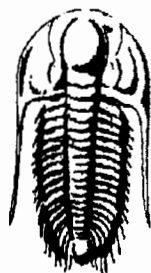


5-8s-24w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Black Diamond Oil Inc**

PO Box 641
Hays KS 67601

ATTN: Kenny Vehige

5-8-24-Graham-Ks

Teel #1

Start Date: 2005.07.08 @ 01:10:38

End Date: 2005.07.08 @ 08:54:53

Job Ticket #: 21671

DST #: 1

15-065-23079-00-00

NW NE NW

480 FNL 1650 FNL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

RECEIVED
KCS #12472

Black Diamond Oil Inc

Teel #1

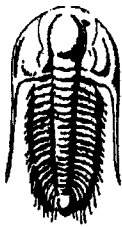
5-8-24-Graham-Ks

DST # 1

E-F

LKC

2005.07.08



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Black Diamond Oil Inc

PO Box 641
Hays KS 67601

ATTN: Kenny Vehige

Teel #1

5-8-24-Graham-Ks

Job Ticket: 21671

DST#: 1

Test Start: 2005.07.08 @ 01:10:38

GENERAL INFORMATION:

Formation: E-F LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:25:53

Time Test Ended: 08:54:53

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: 3694.00 ft (KB) To 3718.00 ft (KB) (TVD)

Total Depth: 3718.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2367.00 ft (KB)

2362.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6672

Inside

Press@RunDepth: 216.27 psig @ 3695.00 ft (KB)

Start Date: 2005.07.08

End Date:

2005.07.08

Start Time: 01:10:39

End Time:

08:54:53

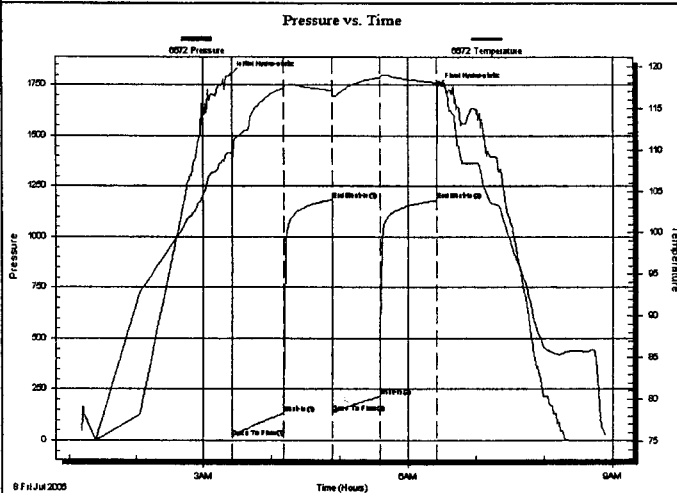
Capacity: 7000.00 psig

Last Calib.: 2005.07.08

Time On Btm: 2005.07.08 @ 03:25:08

Time Off Btm: 2005.07.08 @ 06:26:23

TEST COMMENT: IF-Strong B-B in 25 min
FF-Weak building to 4"
Times-45-45-45-45



PRESSURE SUMMARY

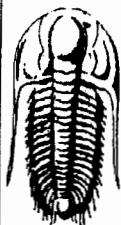
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1799.03	109.63	Initial Hydro-static
1	16.55	109.01	Open To Flow (1)
46	131.70	117.46	Shut-In(1)
88	1182.59	117.17	End Shut-In(1)
89	134.97	116.84	Open To Flow (2)
131	216.27	118.64	Shut-In(2)
181	1180.19	118.07	End Shut-In(2)
182	1740.67	118.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
435.00	Mdy Wtr w / scum oil t/o	6.10
15.00	CO	0.21
0.00	Rw .20 @ 80 = 65000ppm	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

Black Diamond Oil Inc

Teel #1

PO Box 641
Hays KS 67601

5-8-24-Graham-Ks

Job Ticket: 21671

DST#: 1

ATTN: Kenny Vehige

Test Start: 2005.07.08 @ 01:10:38

Tool Information

Drill Pipe:	Length: 3693.00 ft	Diameter: 3.80 inches	Volume: 51.80 bbl	Tool Weight: 1500.00 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: 50000.00 lb
		Total Volume: 51.80 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3694.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	45.00 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			3674.00	
Shut In Tool	5.00			3679.00	
Hydraulic tool	5.00			3684.00	
Packer	5.00			3689.00	21.00 Bottom Of Top Packer
Packer	5.00			3694.00	
Stubb	1.00			3695.00	
Recorder	0.00	6672	Inside	3695.00	
Perforations	20.00			3715.00	
Recorder	0.00	13254	Outside	3715.00	
Bullnose	3.00			3718.00	24.00 Bottom Packers & Anchor
Total Tool Length:	45.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Black Diamond Oil Inc

Teel #1

PO Box 641
Hays KS 67601

5-8-24-Graham-Ks

Job Ticket: 21671

DST#: 1

ATTN: Kenny Vehige

Test Start: 2005.07.08 @ 01:10:38

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:

65000ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.39 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
435.00	Mdy Wtr w / scum oil t/o	6.102
15.00	CO	0.210
0.00	Rw .20 @ 80 = 65000ppm	0.000

Total Length: 450.00 ft

Total Volume: 6.312 bbl

Num Fluid Samples: 0

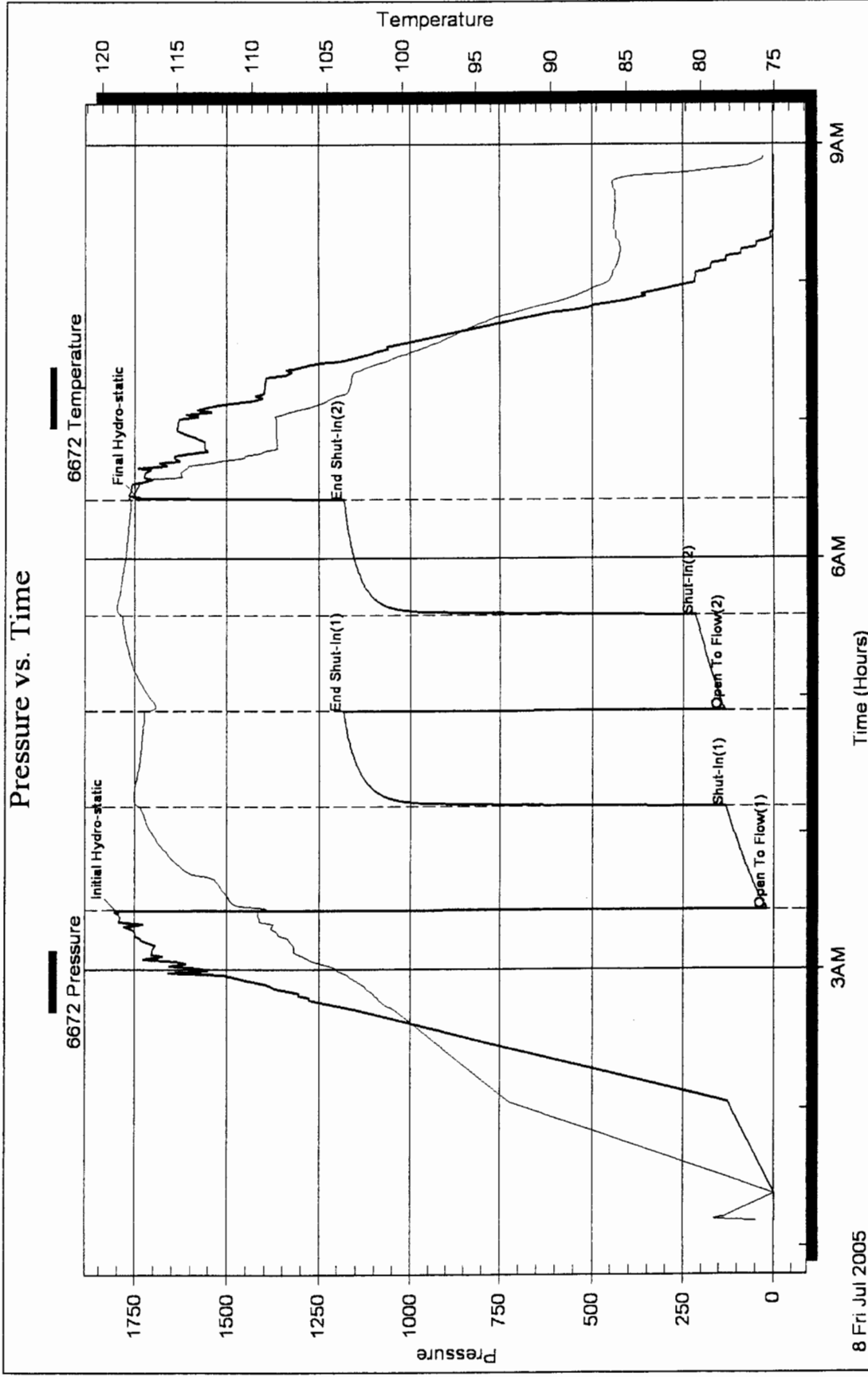
Num Gas Bombs: 0

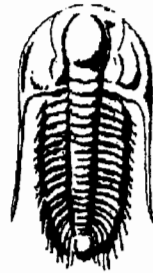
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Black Diamond Oil Inc**

PO Box 641
Hays KS 67601

ATTN: Kenny Vehige

5-8-24-Graham-Ks

Teel #1

Start Date: 2005.07.08 @ 22:20:32

End Date: 2005.07.09 @ 05:00:32

Job Ticket #: 21672

DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Black Diamond Oil Inc

Teel #1

5-8-24-Graham-Ks

DST # 2

H-I-J-K

LKC

2005.07.08



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Black Diamond Oil Inc

PO Box 641
Hays KS 67601

ATTN: Kenny Vehige

Teel #1

5-8-24-Graham-Ks

Job Ticket: 21672

DST#: 2

Test Start: 2005.07.08 @ 22:20:32

GENERAL INFORMATION:

Formation: H-I-J-K LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:19:02

Time Test Ended: 05:00:32

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: 3736.00 ft (KB) To 3824.00 ft (KB) (TVD)

Total Depth: 3824.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2367.00 ft (KB)

2362.00 ft (CF) -

KB to GR/CF: 5.00 ft

Serial #: 6672 Inside

Press@RunDepth: 335.95 psig @ 3739.00 ft (KB)

Start Date: 2005.07.08

End Date:

2005.07.09

Start Time: 22:20:33

End Time:

05:00:32

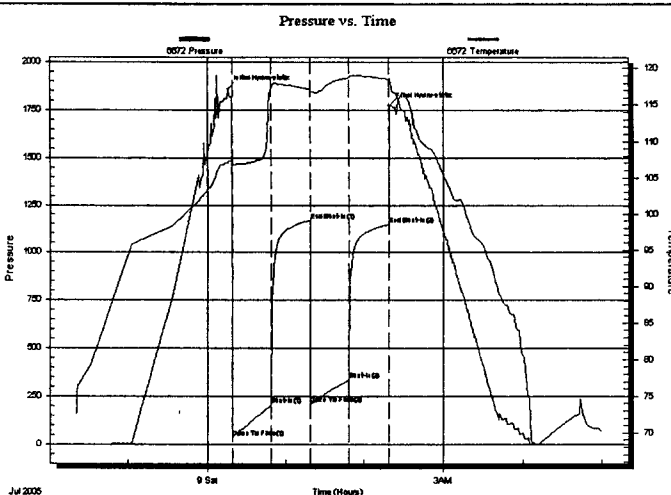
Capacity: 7000.00 psig

Last Calib.: 2005.07.09

Time On Btm: 2005.07.09 @ 00:15:47

Time Off Btm: 2005.07.09 @ 02:19:47

TEST COMMENT: IF-Strong B-B in 5 min
FF-Strong B-B in 7 min
Times-30-30-30-30



PRESSURE SUMMARY

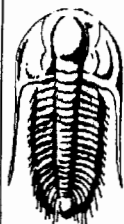
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1858.19	107.13	Initial Hydro-static
4	34.36	106.85	Open To Flow (1)
34	203.40	117.22	Shut-In (1)
63	1167.76	117.14	End Shut-In (1)
64	210.55	116.87	Open To Flow (2)
94	335.95	118.69	Shut-In (2)
124	1147.39	118.50	End Shut-In (2)
124	1771.40	118.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
440.00	Mdy Vtr Rw .16 @76 = 77000ppm	6.17
60.00	Sltly OCMdyw 3%o 77%w 20%rn	0.84
125.00	OCM 20%o 80%rn	1.75
125.00	CO	1.75
0.00	620 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

Black Diamond Oil Inc

Teel #1

PO Box 641
Hays KS 67601

5-8-24-Graham-Ks

Job Ticket: 21672

DST#: 2

ATTN: Kenny Vehige

Test Start: 2005.07.08 @ 22:20:32

Tool Information

Drill Pipe:	Length: 3724.00 ft	Diameter: 3.80 inches	Volume: 52.24 bbl	Tool Weight: 1600.00 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: 60000.00 lb
			Total Volume: 52.24 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3736.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	88.00 ft			
Tool Length:	109.00 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			3716.00	
Shut In Tool	5.00			3721.00	
Hydraulic tool	5.00			3726.00	
Packer	5.00			3731.00	21.00 Bottom Of Top Packer
Packer	5.00			3736.00	
Stubb	1.00			3737.00	
Perforations	2.00			3739.00	
Recorder	0.00	6672	Inside	3739.00	
Drill Pipe	62.00			3801.00	
Recorder	0.00	13254	Outside	3801.00	
Perforations	20.00			3821.00	
Bullnose	3.00			3824.00	88.00 Bottom Packers & Anchor
Total Tool Length:		109.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Black Diamond Oil Inc

Teel #1

PO Box 641
Hays KS 67601

5-8-24-Graham-Ks

Job Ticket: 21672

DST#: 2

ATTN: Kenny Vehige

Test Start: 2005.07.08 @ 22:20:32

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
440.00	Mdy Wtr Rw .16 @76 = 77000ppm	6.172
60.00	Sltty OCMdyw 3%o 77%w 20%m	0.842
125.00	OCM 20%o 80%m	1.753
125.00	CO	1.753
0.00	620 GIP	0.000

Total Length: 750.00 ft

Total Volume: 10.520 bbl

Num Fluid Samples: 0

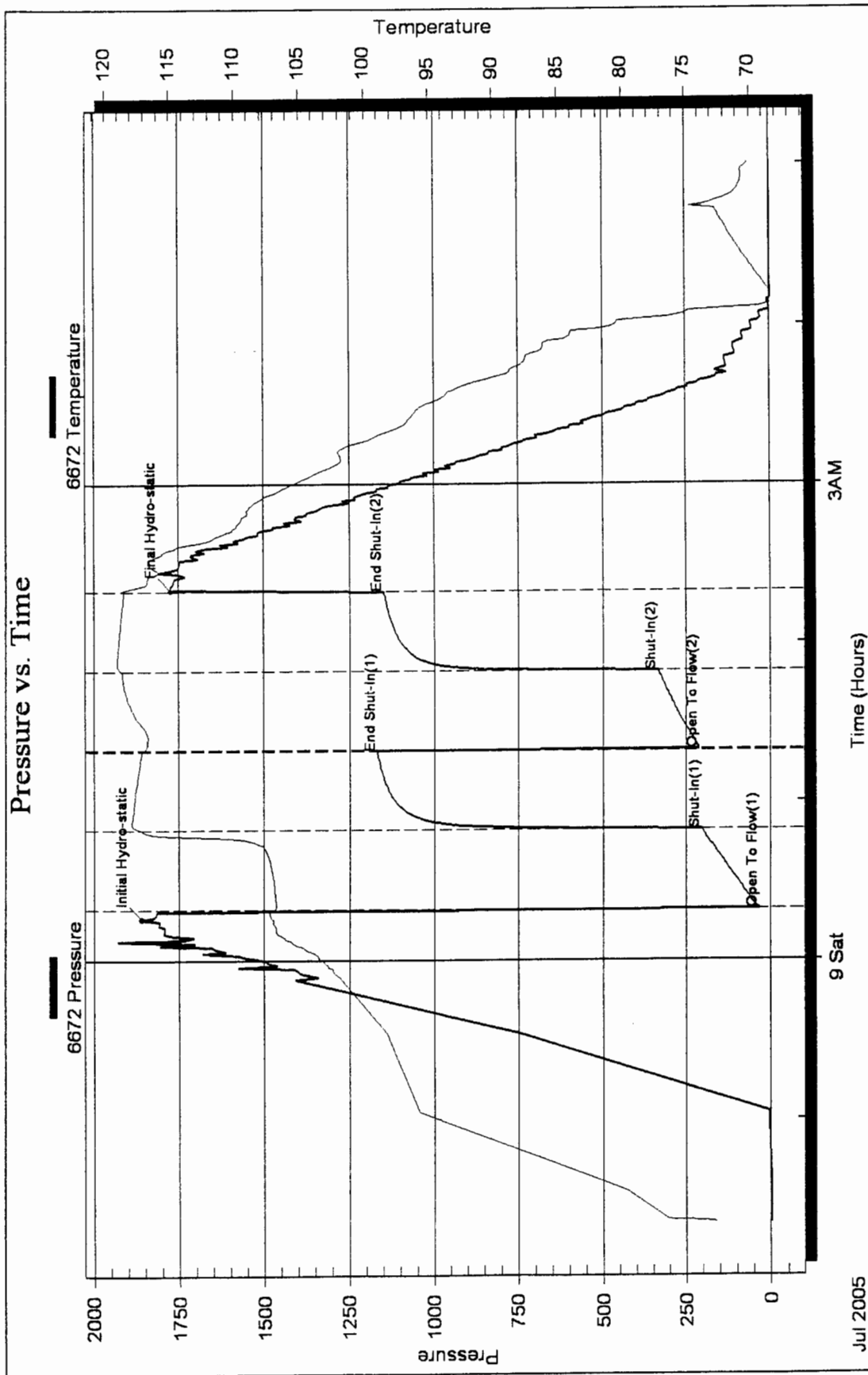
Num Gas Bombs: 0

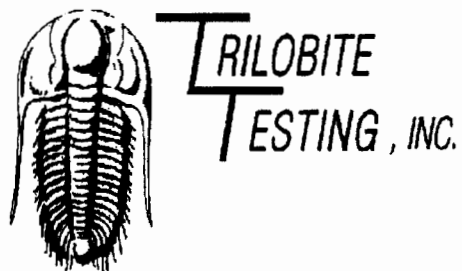
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Black Diamond Oil Inc**

PO Box 641
Hays KS 67601

ATTN: Kenny Vehige

5-8-24-Graham-Ks

Teel #1

Start Date: 2005.07.09 @ 05:52:30

End Date: 2005.07.09 @ 12:31:45

Job Ticket #: 21673

DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Black Diamond Oil Inc

PO Box 641
Hays KS 67601

ATTN: Kenny Vehige

Teel #1

5-8-24-Graham-Ks

Job Ticket: 21673

DST#: 3

Test Start: 2005.07.09 @ 05:52:30

GENERAL INFORMATION:

Formation: J-K LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:45:45

Time Test Ended: 12:31:45

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: 3770.00 ft (KB) To 3824.00 ft (KB) (TVD)

Total Depth: 3824.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2367.00 ft (KB)

2362.00 ft (CF) -

KB to GR/CF: 5.00 ft

Serial #: 6672 Inside

Press@RunDepth: 331.83 psig @ 3771.00 ft (KB)

Start Date: 2005.07.09

End Date:

2005.07.09

Start Time: 05:52:31

End Time:

12:31:45

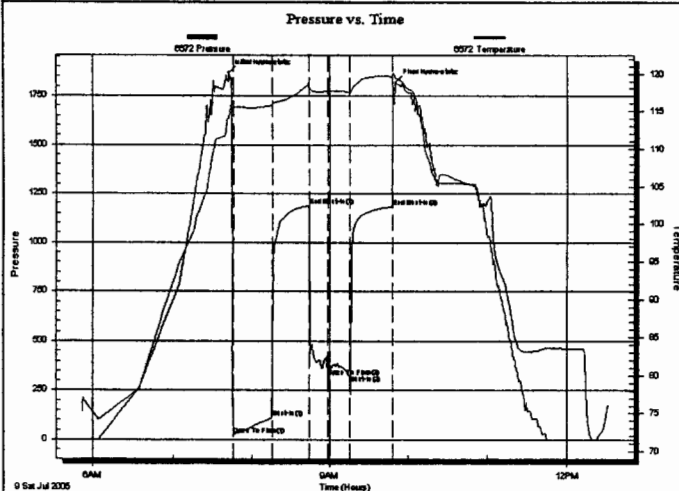
Capacity: 7000.00 psig

Last Calib.: 2005.07.09

Time On Btmr 2005.07.09 @ 07:42:30

Time Off Btmr 2005.07.09 @ 09:50:15

TEST COMMENT: IF-Strong B-B in 10 min
FF-Weak building to 4"
Times-30-30-30-30



PRESSURE SUMMARY

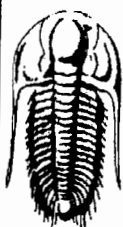
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1867.61	114.15	Initial Hydro-static
4	23.14	115.58	Open To Flow (1)
34	111.17	115.76	Shut-In (1)
62	1188.75	118.65	End Shut-In (1)
77	318.90	117.63	Open To Flow (2)
93	331.83	117.58	Shut-In (2)
125	1183.44	119.62	End Shut-In (2)
128	1816.73	119.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
372.00	OCMdyW 40%o 40%w 20%rn	5.22
60.00	CGsyO 10%g 90%o	0.84
0.00	800 GIP	0.00
0.00	Rw .16 @ 76 = 77000ppm	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

Black Diamond Oil Inc

Teel #1

PO Box 641
Hays KS 67601

5-8-24-Graham-Ks

Job Ticket: 21673

DST#: 3

ATTN: Kenny Vehige

Test Start: 2005.07.09 @ 05:52:30

Tool Information

Drill Pipe:	Length: 3758.00 ft	Diameter: 3.80 inches	Volume: 52.71 bbl	Tool Weight: 1600.00 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: 60000.00 lb
			Total Volume: 52.71 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3770.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	75.00 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			3750.00	
Shut In Tool	5.00			3755.00	
Hydraulic tool	5.00			3760.00	
Packer	5.00			3765.00	21.00 Bottom Of Top Packer
Packer	5.00			3770.00	
Stubb	1.00			3771.00	
Recorder	0.00	6672	Inside	3771.00	
Perforations	1.00			3772.00	
Drill Pipe	31.00			3803.00	
Recorder	0.00	13254	Outside	3803.00	
Perforations	18.00			3821.00	
Bullnose	3.00			3824.00	54.00 Bottom Packers & Anchor

Total Tool Length: 75.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Black Diamond Oil Inc

Teel #1

PO Box 641
Hays KS 67601

5-8-24-Graham-Ks

Job Ticket: 21673

DST#: 3

ATTN: Kenny Vehige

Test Start: 2005.07.09 @ 05:52:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
372.00	OCMdyW 40%o 40%w 20%m	5.218
60.00	CGsyO 10%g 90%o	0.842
0.00	800 GIP	0.000
0.00	Rw .16 @ 76 = 77000ppm	0.000

Total Length: 432.00 ft

Total Volume: 6.060 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Plugging on FF

