

DRILL STEM TEST REPORT

Prepared For: **Black Diamond Oil Inc**

PO Box 641
Hays KS 67601

ATTN: Kenneth Vehige

16 10 21W Graham KS

Grecian # 1

Start Date: 2007.04.08 @ 12:20:08

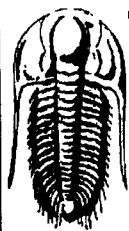
End Date: 2007.04.08 @ 16:44:38

Job Ticket #: 27434 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

Black Diamond Oil Inc

Grecian # 1

PO Box 641
Hays KS 67601

16 10 21W Graham KS

ATTN: Kenneth Vehige

Job Ticket: 27434

DST#: 1

Test Start: 2007.04.08 @ 12:20:08

GENERAL INFORMATION:

Formation: **L.Kc.-L-Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:09:08

Time Test Ended: 16:44:38

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 31

Interval: **3712.00 ft (KB) To 3802.00 ft (KB) (TVD)**

Reference Elevations: 2237.00 ft (KB)

Total Depth: 3802.00 ft (KB) (TVD)

2229.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6669

Inside

Press@RunDepth: 17.65 psig @ 3719.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.04.08

End Date:

2007.04.08

Last Calib.:

2007.04.08

Start Time: 12:20:13

End Time:

16:44:37

Time On Btm:

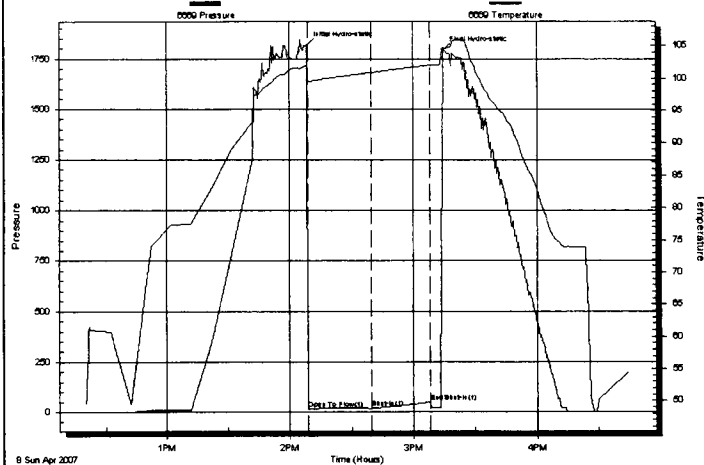
2007.04.08 @ 14:08:38

Time Off Btm:

2007.04.08 @ 15:14:08

TEST COMMENT: IF Weak Surface dead in 24 min.
ISI Dead

Pressure vs. Time



PRESSURE SUMMARY

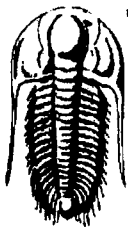
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1813.09	102.03	Initial Hydro-static
1	16.01	99.42	Open To Flow (1)
31	17.65	100.87	Shut-In(1)
59	48.40	102.03	End Shut-In(1)
66	1793.09	104.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	DM few Oil spots	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Black Diamond Oil Inc

Grecian # 1

PO Box 641
Hays KS 67601

16 10 21W Graham KS

Job Ticket: 27434

DST#: 1

ATTN: Kenneth Vehige

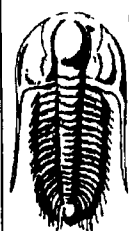
Test Start: 2007.04.08 @ 12:20:08

Tool Information

Drill Pipe:	Length: 3684.00 ft	Diameter: 3.80 inches	Volume: 51.68 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 65000.00 lb
		Total Volume: 51.83 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3712.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	90.00 ft			
Tool Length:	110.00 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			3693.00	
Shut In Tool	5.00			3698.00	
Hydraulic tool	5.00			3703.00	
Packer	4.00			3707.00	20.00 Bottom Of Top Packer
Packer	5.00			3712.00	
Stubb	1.00			3713.00	
Perforations	5.00			3718.00	
Change Over Sub	1.00			3719.00	
Recorder	0.00	6669	Inside	3719.00	
Blank Spacing	63.00			3782.00	
Change Over Sub	1.00			3783.00	
Recorder	0.00	11084	Outside	3783.00	
Perforations	16.00			3799.00	
Bullnose	3.00			3802.00	90.00 Bottom Packers & Anchor
Total Tool Length:	110.00				



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Black Diamond Oil Inc

Grecian # 1

PO Box 641
Hays KS 67601

16 10 21W Graham KS

Job Ticket: 27434

DST#: 1

ATTN: Kenneth Vehige

Test Start: 2007.04.08 @ 12:20:08

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: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	DM few Oil spots	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6669

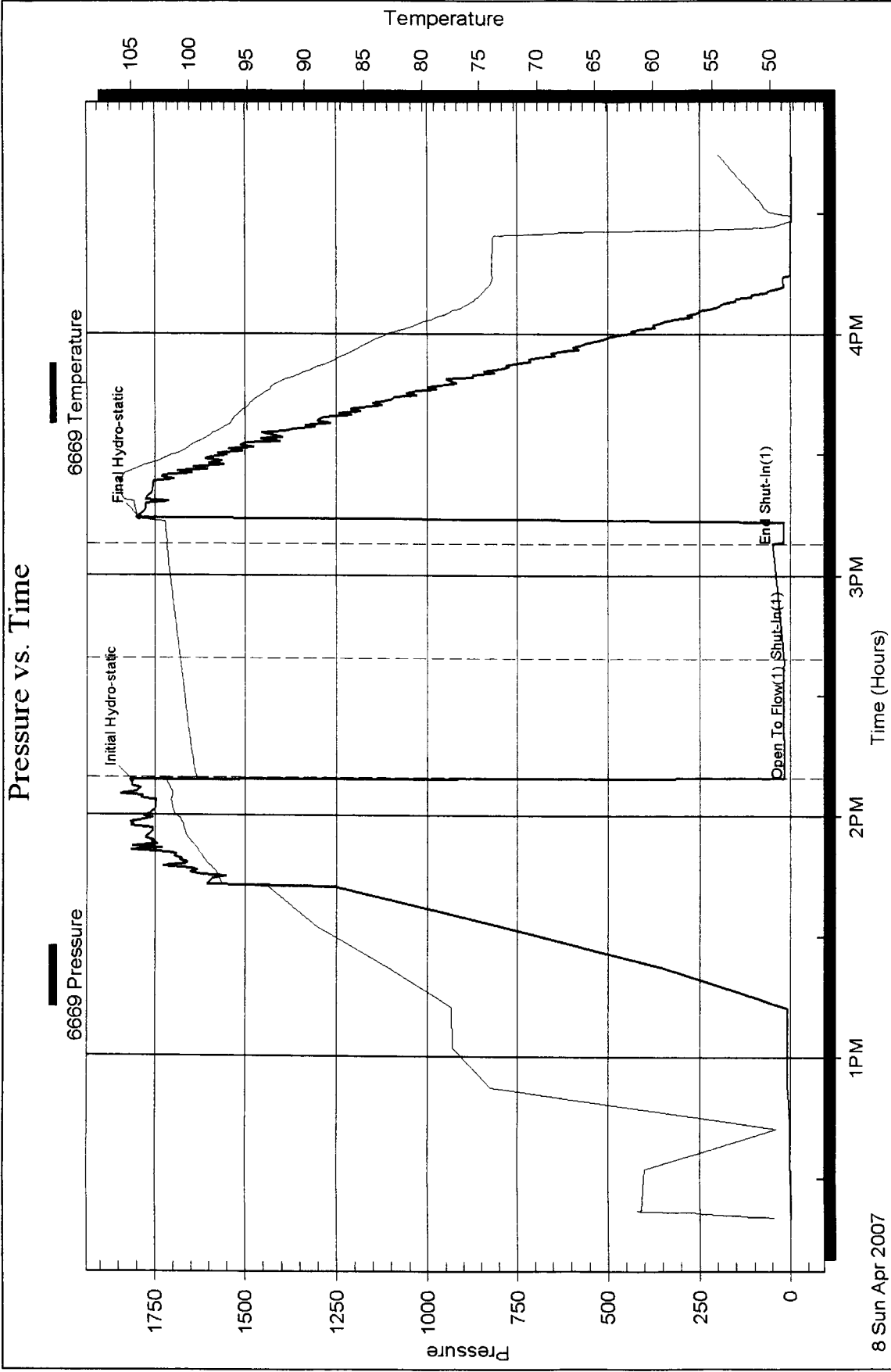
Inside

Black Diamond Oil Inc

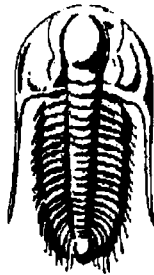
16 10 21W Graham KS

DST Test Number: 1

Pressure vs. Time



8 Sun Apr 2007



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Black Diamond Oil Inc**

PO Box 641
Hays KS 67601

ATTN: Kenneth Vehige

16 10 21W Graham KS

Grecian # 1

Start Date: 2007.04.09 @ 03:44:02

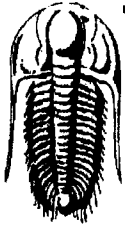
End Date: 2007.04.09 @ 11:09:32

Job Ticket #: 27435 DST #: 2

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: Kenneth Vehige

Grecian # 1
16 10 21W Graham KS
Job Ticket: 27435 **DST#: 2**
Test Start: 2007.04.09 @ 03:44:02

GENERAL INFORMATION:

Formation: **L.Kc.-C,D,E,F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:12:02
Time Test Ended: 11:09:32

Test Type: Conventional Straddle
Tester: John Schmidt
Unit No: 31

Interval: **3520.00 ft (KB) To 3608.00 ft (KB) (TVD)**
Total Depth: 3830.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2237.00 ft (KB)
2229.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6669

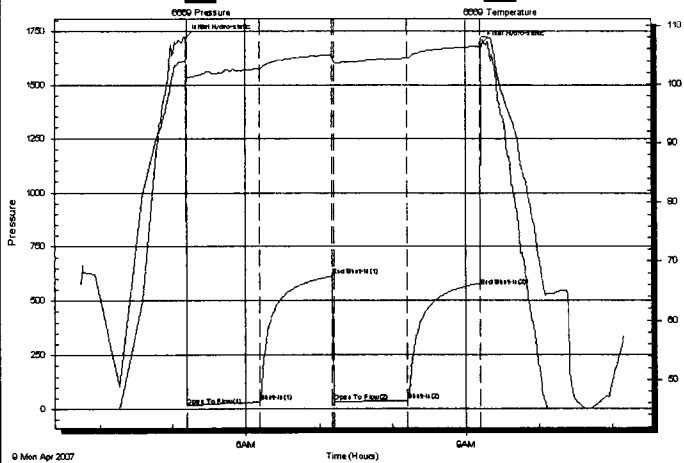
Inside

Press@RunDepth: 38.00 psig @ 3525.00 ft (KB)
Start Date: 2007.04.09 End Date: 2007.04.09
Start Time: 03:44:07 End Time: 11:09:31

Capacity: 7000.00 psig
Last Calib.: 2007.04.09
Time On Btm: 2007.04.09 @ 05:11:32
Time Off Btm: 2007.04.09 @ 09:12:32

TEST COMMENT: IF Weak built to 1 1/2 "
ISI Dead
FF Weak surface
FSI Dead

Pressure vs. Time



PRESSURE SUMMARY

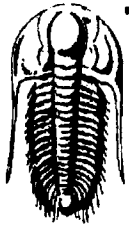
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1717.22	103.94	Initial Hydro-static
1	15.76	101.29	Open To Flow (1)
60	29.81	102.65	Shut-In(1)
119	612.99	105.02	End Shut-In(1)
120	30.85	103.72	Open To Flow (2)
181	38.00	104.42	Shut-In(2)
241	565.69	106.38	End Shut-In(2)
241	1688.02	107.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	DM	0.43

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Black Diamond Oil Inc

Grecian # 1

PO Box 641
Hays KS 67601

16 10 21W Graham KS

Job Ticket: 27435

DST#: 2

ATTN: Kenneth Vehige

Test Start: 2007.04.09 @ 03:44:02

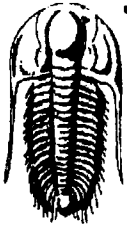
Tool Information

Drill Pipe:	Length: 3497.00 ft	Diameter: 3.80 inches	Volume: 49.05 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 65000.00 lb
		Total Volume:	49.20 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3520.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	3608.00 ft			
Interval between Packers:	88.00 ft			
Tool Length:	330.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3501.00	
Shut In Tool	5.00			3506.00	
Hydraulic tool	5.00			3511.00	
Packer	4.00			3515.00	20.00 Bottom Of Top Packer
Packer	5.00			3520.00	
Stubb	1.00			3521.00	
Perforations	3.00			3524.00	
Change Over Sub	1.00			3525.00	
Recorder	0.00	6669	Inside	3525.00	
Blank Spacing	63.00			3588.00	
Change Over Sub	1.00			3589.00	
Perforations	18.00			3607.00	
Recorder	0.00	13308	Outside	3607.00	
Blank Off Sub	1.00			3608.00	88.00 Tool Interval
Packer	0.00			3608.00	
Stubb	1.00			3609.00	
Perforations	1.00			3610.00	
Change Over Sub	1.00			3611.00	
Recorder	0.00	11084		3611.00	
Blank Spacing	219.00			3830.00	222.00 Bottom Packers & Anchor

Total Tool Length: 330.00



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FLUID SUMMARY

Black Diamond Oil Inc

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PO Box 641
Hays KS 67601

16 10 21W Graham KS

Job Ticket: 27435

DST#: 2

ATTN: Kenneth Vehige

Test Start: 2007.04.09 @ 03:44:02

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:	56.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.77 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	DM	0.428

Total Length: 50.00 ft Total Volume: 0.428 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 6669

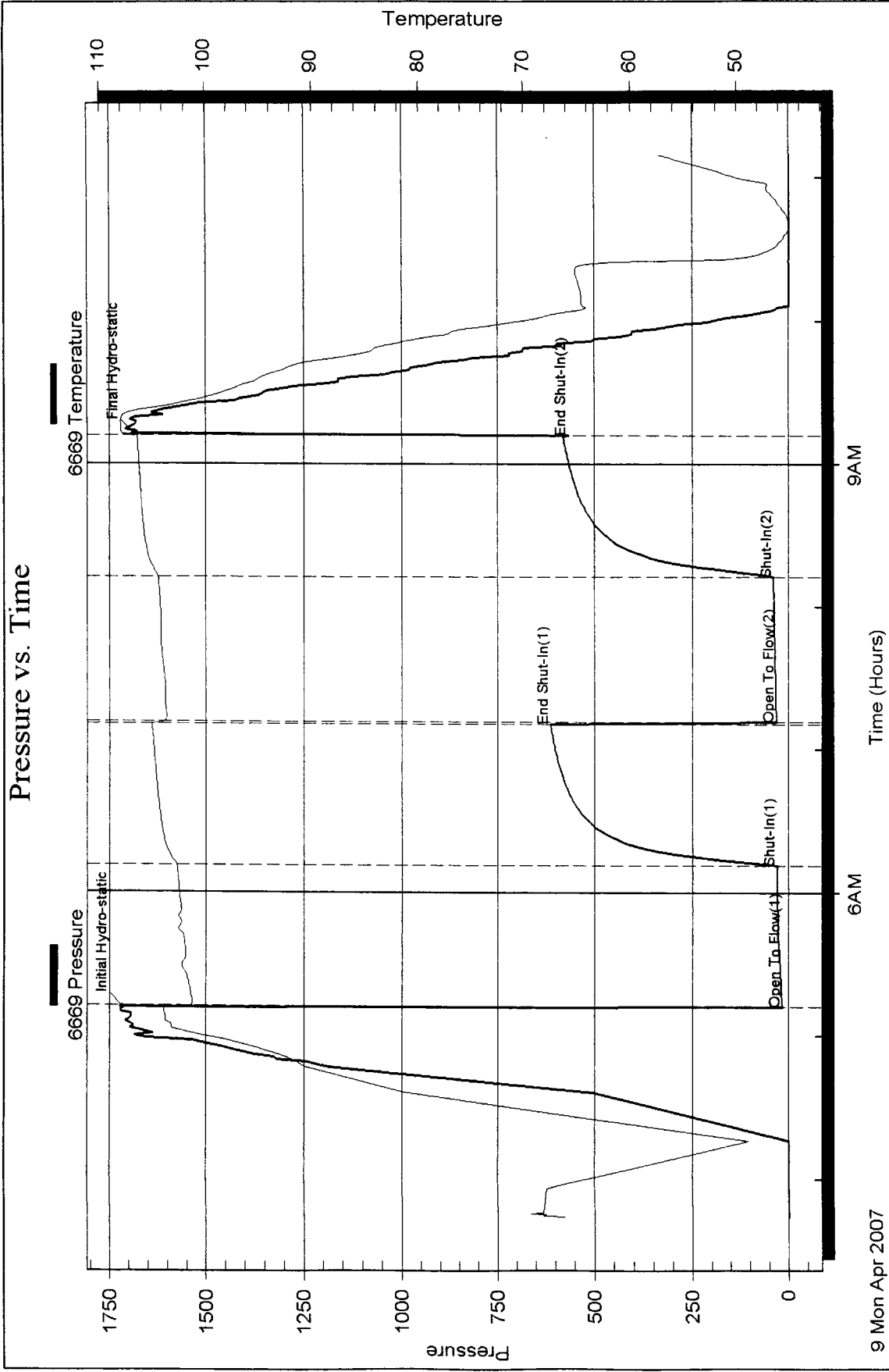
Inside

Black Diamond Oil Inc

16 10 21W Graham KS

DST Test Number: 2

Pressure vs. Time

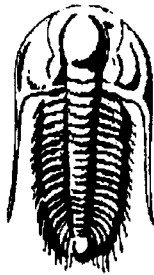


9 Mon Apr 2007

6AM

9AM

Time (Hours)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Black Diamond Oil Inc**

PO Box 641
Hays KS 67601

ATTN: Kenneth Vehige

16 10 21W Graham KS

Grecian # 1

Start Date: 2007.04.09 @ 11:39:34

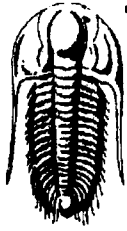
End Date: 2007.04.09 @ 16:22:34

Job Ticket #: 27436 DST #: 3

Trilobite Testing, Inc

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Black Diamond Oil Inc

Grecian # 1

PO Box 641
Hays KS 67601

16 10 21W Graham KS

ATTN: Kenneth Vehige

Job Ticket: 27436

DST#: 3

Test Start: 2007.04.09 @ 11:39:34

GENERAL INFORMATION:

Formation: **L.Kc.-H to L**

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

Time Tool Opened: 12:53:34

Time Test Ended: 16:22:34

Test Type: **Conventional Straddle**

Tester: **John Schmidt**

Unit No: **31**

Interval: **3615.00 ft (KB) To 3724.00 ft (KB) (TVD)**

Reference Elevations: **2237.00 ft (KB)**

Total Depth: **3830.00 ft (KB) (TVD)**

2229.00 ft (CF)

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

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

Serial #: 6669

Inside

Press@RunDepth: **18.51 psig @ 3620.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2007.04.09**

End Date:

2007.04.09

Last Calib.: **2007.04.09**

Start Time: **11:39:39**

End Time:

16:22:33

Time On Btm: **2007.04.09 @ 12:53:04**

Time Off Btm: **2007.04.09 @ 14:37:04**

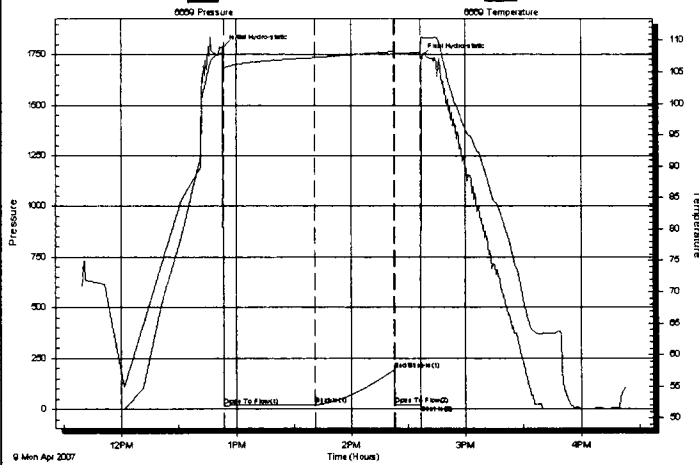
TEST COMMENT: **IF Weak built to 1/2 "**

ISI Dead

FF Dead

FSI

Pressure vs. Time



PRESSURE SUMMARY

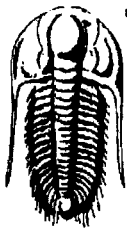
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1782.15	108.05	Initial Hydro-static
1	16.33	105.52	Open To Flow (1)
48	18.51	107.25	Shut-In(1)
90	191.09	108.24	End Shut-In(1)
90	19.20	107.91	Open To Flow (2)
104	19.69	108.07	Shut-In(2)
104	1735.46	110.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	DM	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Black Diamond Oil Inc

Grecian # 1

PO Box 641
Hays KS 67601

16 10 21W Graham KS

Job Ticket: 27436

DST#: 3

ATTN: Kenneth Vehige

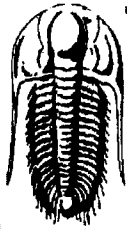
Test Start: 2007.04.09 @ 11:39:34

Tool Information

Drill Pipe:	Length: 3591.00 ft	Diameter: 3.80 inches	Volume: 50.37 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 50.52 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3615.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	3724.00 ft			
Interval between Packers:	109.00 ft			
Tool Length:	235.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3596.00	
Shut In Tool	5.00			3601.00	
Hydraulic tool	5.00			3606.00	
Packer	4.00			3610.00	20.00 Bottom Of Top Packer
Packer	5.00			3615.00	
Stubb	1.00			3616.00	
Perforations	3.00			3619.00	
Change Over Sub	1.00			3620.00	
Recorder	0.00	6669	Inside	3620.00	
Blank Spacing	94.00			3714.00	
Change Over Sub	1.00			3715.00	
Perforations	8.00			3723.00	
Recorder	0.00	13308	Outside	3723.00	
Blank Off Sub	1.00			3724.00	109.00 Tool Interval
Packer	0.00			3724.00	
Stubb	1.00			3725.00	
Perforations	5.00			3730.00	
Change Over Sub	1.00			3731.00	
Recorder	0.00	11084		3731.00	
Blank Spacing	94.00			3825.00	
Change Over Sub	1.00			3826.00	
Perforations	1.00			3827.00	
Bullnose	3.00			3830.00	106.00 Bottom Packers & Anchor
Total Tool Length:	235.00				



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FLUID SUMMARY

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Grecian # 1

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Hays KS 67601

16 10 21W Graham KS

Job Ticket: 27436

DST#: 3

ATTN: Kenneth Vehige

Test Start: 2007.04.09 @ 11:39:34

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: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	DM	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6669

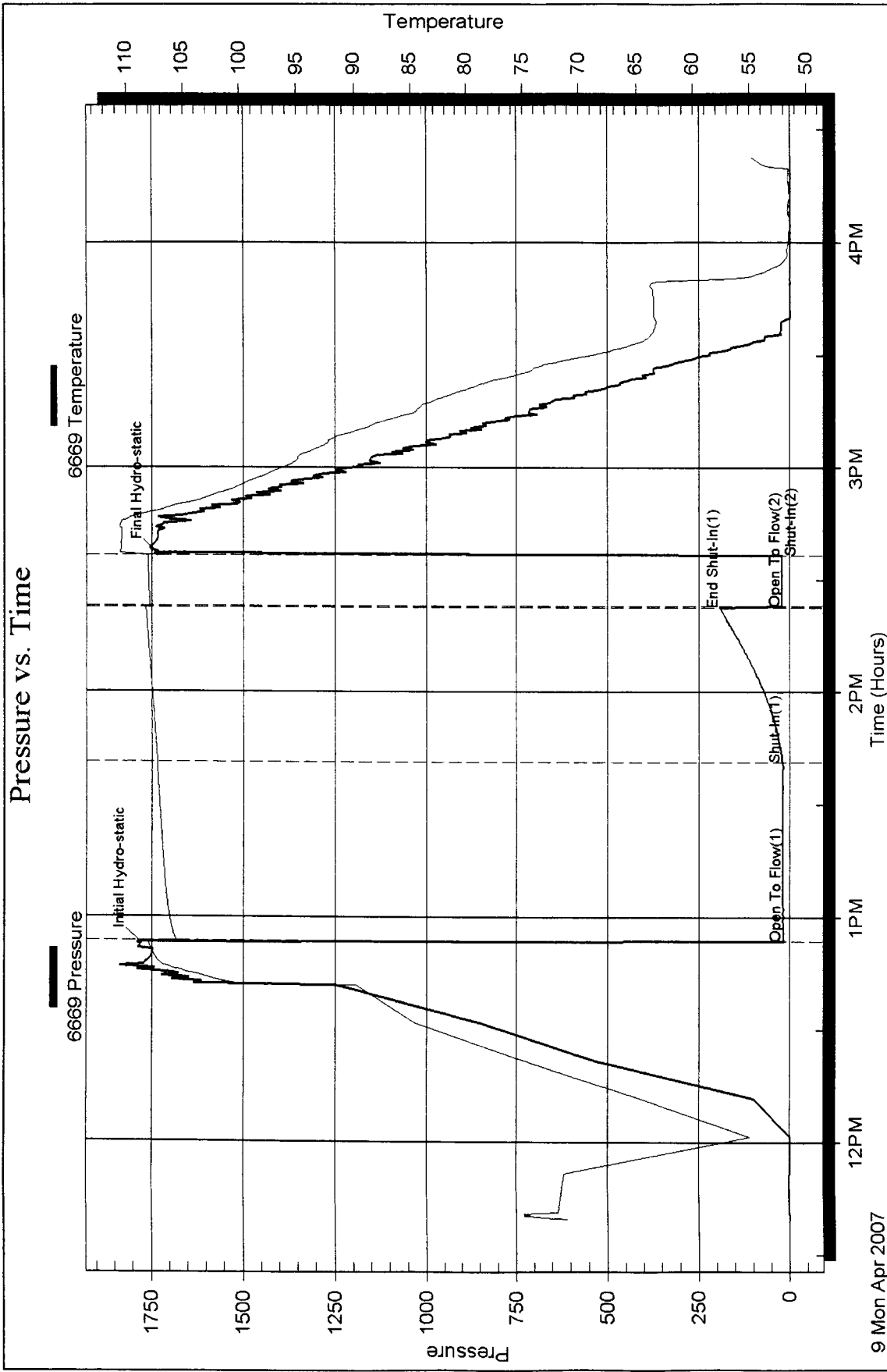
Inside

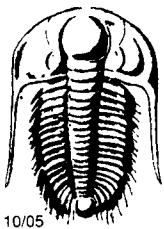
Black Diamond Oil Inc

16 10 21W Graham KS

DST Test Number: 3

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27434

10019 ✓

Test Ticket

Well Name & No. GRECIAN # 1 Test No. # 1 Date 4-8-07
 Company BLACK DIAMOND OIL, INC. Zone Tested LKI-L To MAR.
 Address PO, BOX 641 HAYS, KS, 67601 Elevation 2237 KB 2229 GL
 Co. Rep / Geo. TONY Rig DISCOVERY #1
 Location: Sec. 16 Twp. 10s Rge. 21w Co. GRAHAM State K.S.
 Comment: _____ Release date / time: _____

Interval Tested 3712 To 3802 Initial Str Wt./Lbs. 58,000 Unseated Str Wt./Lbs. 58,000
 Anchor Length 90' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 65,000
 Top Packer Depth 3707 Tool Weight 2,200
 Bottom Packer Depth 3712 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3802 Wt. Pipe Run 0 Drill Collar Run 30
 Mud Wt. 9.1 LCM 2# Vis. 56 WL 8.8 Drill Pipe Size 4 1/2 XH Ft. Run 3684
 Blow Description IF - WEAK SURFACE DEAD IN 24-MIN ISI - DEAD
FF: - F.S.I. -

Recovery - Total Feet 5 GIP 0 Ft. in DC 5 Ft. in DP 0
 Rec. 5' Feet of D. MUD FEW OIL SPOTS %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 _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 102 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 4,000 ppm System

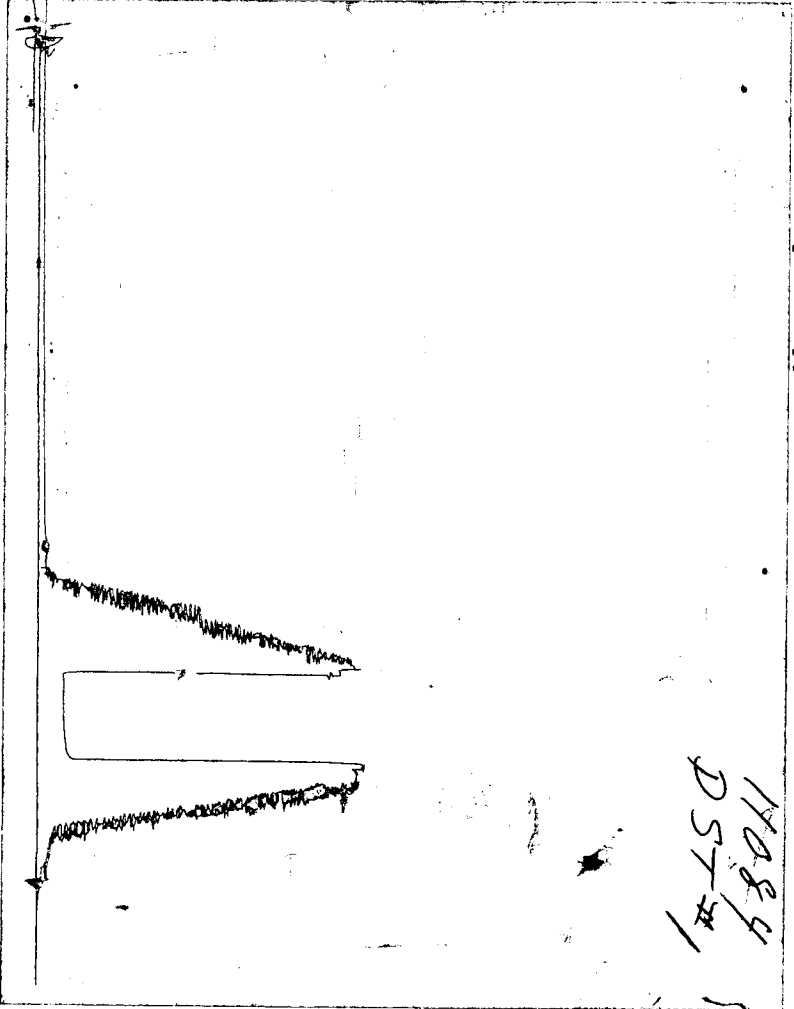
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1813</u> PSI	<u>6669</u>	<u>✓ 1100</u>
(B) First Initial Flow Pressure		<u>16</u> PSI	(depth) <u>3719</u>	Jars _____
(C) First Final Flow Pressure		<u>17</u> PSI	Recorder No. <u>11084</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>48</u> PSI	(depth) <u>3783</u>	Circ Sub _____
(E) Second Initial Flow Pressure		_____ PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		_____ PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		_____ PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1793</u> PSI	Initial Shut-In <u>30</u>	Shale Packer _____
			Final Flow _____	Ruined Packer _____
			Final Shut-In _____	Mileage <u>RT-86 107.30</u>
			T-On Location <u>11:45</u>	Sub Total: <u>127.56</u>
			T-Started <u>12:20</u>	Std. By _____
			T-Open <u>14:09</u>	Acc. Chg: _____
			T-Pulled <u>15:14</u>	Other: _____
			T-Out <u>16:44</u>	Total: _____

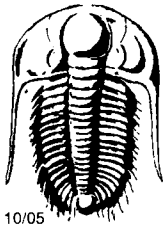
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By: [Signature]
 Our Representative: [Signature]

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27435

Test Ticket

Well Name & No. GRECIAN #1 Test No. #2 Date 4-9-07
 Company BLACK DIAMOND OIL, INC. Zone Tested 4K2-
 Address _____ Elevation 2237 KB 2229 GL
 Co. Rep / Geo. TCA/Y Rig DISCOVERY #1
 Location: Sec. 16 Twp. 10 S Rge. 21 W Co. GRAHAM State KS
 Comment: _____ Release date / time: _____

Interval Tested 3520 To 3608 Initial Str Wt./Lbs. 60,000 Unseated Str Wt./Lbs. 60,000
 Anchor Length 88' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 65,000
 Top Packer Depth 3515 + 3520 Tool Weight 2600
 Bottom Packer Depth 3608 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3830 Wt. Pipe Run 0 Drill Collar Run 30
 Mud Wt. 9.1 LCM 1/2 # Vis. 56 WL 8.8 Drill Pipe Size 4 1/2 XH Ft. Run 3497
 Blow Description IF - WEAK BOLT TO 1 1/2" IN. ISE - ~~IF~~ DEAD
FF - WEAK SURFACE. FSI - DEAD

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>50</u>	<u>0</u>	<u>30</u>	<u>20</u>
Rec. <u>50</u>	Feet of <u>D. 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>107</u>	°F Gravity _____	°API D @ _____	°F Corrected Gravity _____
RW _____	@ _____	°F Chlorides _____ ppm	Recovery _____ Chlorides <u>4,000</u> ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1717</u>	PSI	<u>6669</u>	<u>✓ 1100</u>
(B) First Initial Flow Pressure	<u>15</u>	PSI	(depth) <u>352.5</u>	Jars _____
(C) First Final Flow Pressure	<u>29</u>	PSI	Recorder No. <u>13308</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>612</u>	PSI	(depth) <u>3607</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>30</u>	PSI	Recorder No. <u>11084</u>	Sampler _____
(F) Second Final Flow Pressure	<u>38</u>	PSI	(depth) <u>3611</u>	Straddle <u>✓ 600</u>
(G) Final Shut-In Pressure	<u>565</u>	PSI	Initial Opening <u>60</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1688</u>	PSI	Initial Shut-In <u>60</u>	Shale Packer _____
			Final Flow <u>60</u>	Ruined Packer _____
			Final Shut-In <u>60</u>	Mileage <u>RT - 86 107.3</u>

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Approved By [Signature]
 Our Representative [Signature]

T-On Location	T-Started	T-Open	T-Pulled	T-Out
<u>02:15</u>	<u>03:44</u>	<u>05:12</u>	<u>09:12</u>	<u>11:09</u>

Sub Total: 1807.5
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: _____

CHART PAGE

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

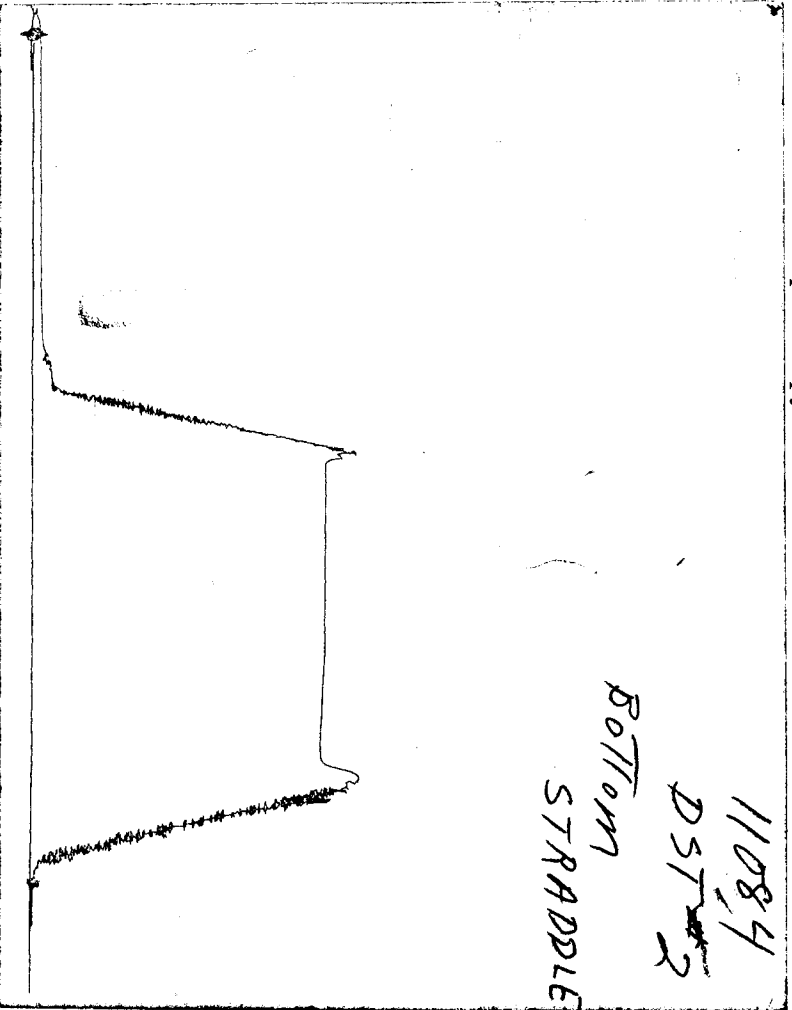
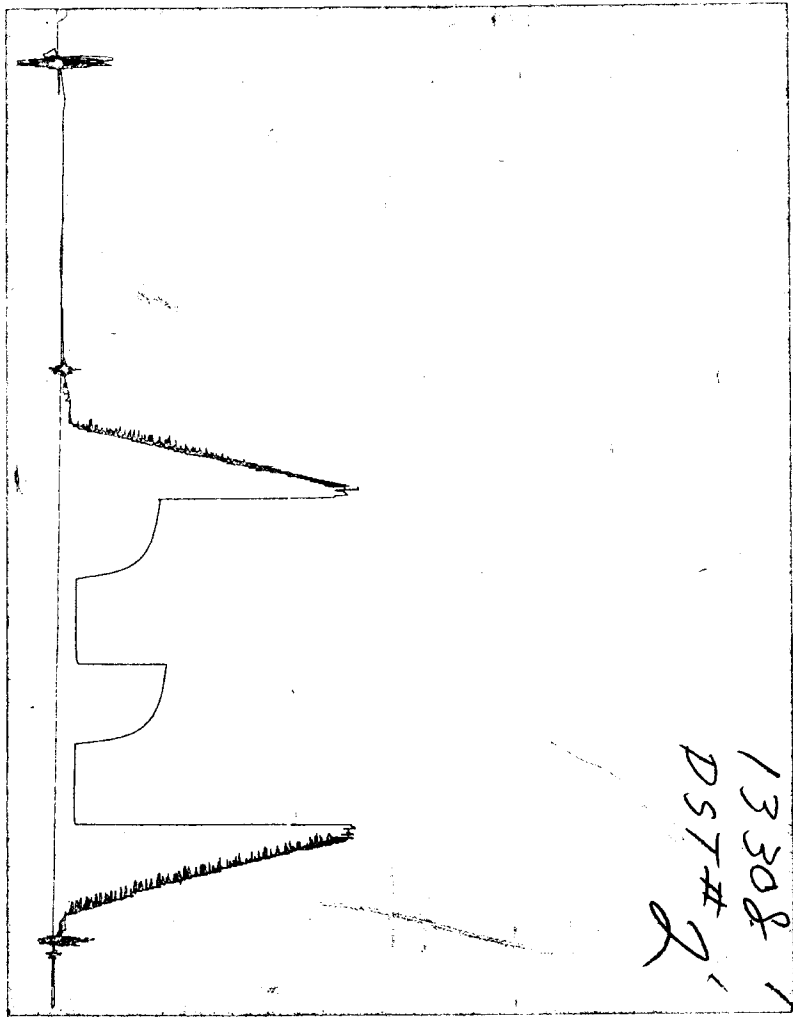
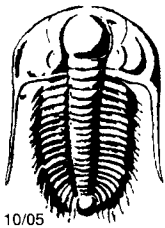


CHART PAGE

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

13308
DST# 2





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27436

Test Ticket

Well Name & No. GRECIAN #1 Test No. #3 Date 4-09-07
 Company BLACK DIAMOND OIL, INC. Zone Tested L.K., H To L
 Address _____ Elevation 2237 KB 2229 GL
 Co. Rep / Geo. TCAY Rig DISCOVERY #1
 Location: Sec. 16 Twp. 10S Rge. 21W Co. GRAHAM State KS
 Comment: _____ Release date / time: _____

Interval Tested 3615 To 3724 Initial Str Wt./Lbs. 60,000 Unseated Str Wt/Lbs. 60,000
 Anchor Length 109' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. _____
 Top Packer Depth 3610 & 3615 Tool Weight 2,600
 Bottom Packer Depth 3724 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3830 Wt. Pipe Run 0 Drill Collar Run 30
 Mud Wt. 9.2 LCM 1# Vis. 58 WL 8.8 Drill Pipe Size 4 1/2 XH Ft. Run 3591
 Blow Description IE-WEAK BUILT TO 1/2" IN. ISI-DEAD
FF-DEAD FSI-

Recovery - Total Feet 5 GIP 0 Ft. in DC 5' Ft. in DP 0
 Rec. 5 Feet of D. MUD %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 _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 108 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 2,000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1782</u> PSI	<u>6669</u>	<input checked="" type="checkbox"/> <u>1100</u>
(B) First Initial Flow Pressure		<u>16</u> PSI	(depth) <u>3620</u>	Jars _____
(C) First Final Flow Pressure		<u>18</u> PSI	Recorder No. <u>13308</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>191</u> PSI	(depth) <u>3723</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>19</u> PSI	Recorder No. <u>11084</u>	Sampler _____
(F) Second Final Flow Pressure		<u>19</u> PSI	(depth) <u>3731</u>	Straddle <input checked="" type="checkbox"/> <u>600</u>
(G) Final Shut-In Pressure		<u>-</u> PSI	Initial Opening <u>45</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1735</u> PSI	Initial Shut-In <u>45</u>	Shale Packer _____
			Final Flow <u>15</u>	Ruined Packer _____
			Final Shut-In _____	Mileage 30 <u>1700</u>

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Approved By [Signature]
 Our Representative [Signature]

T-On Location 11:09
 T-Started 11:39
 T-Open 12:53
 T-Pulled 14:27
 T-Out 16:22
 Sub Total: _____
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: _____

CHART PAGE

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

13308
DST# 3

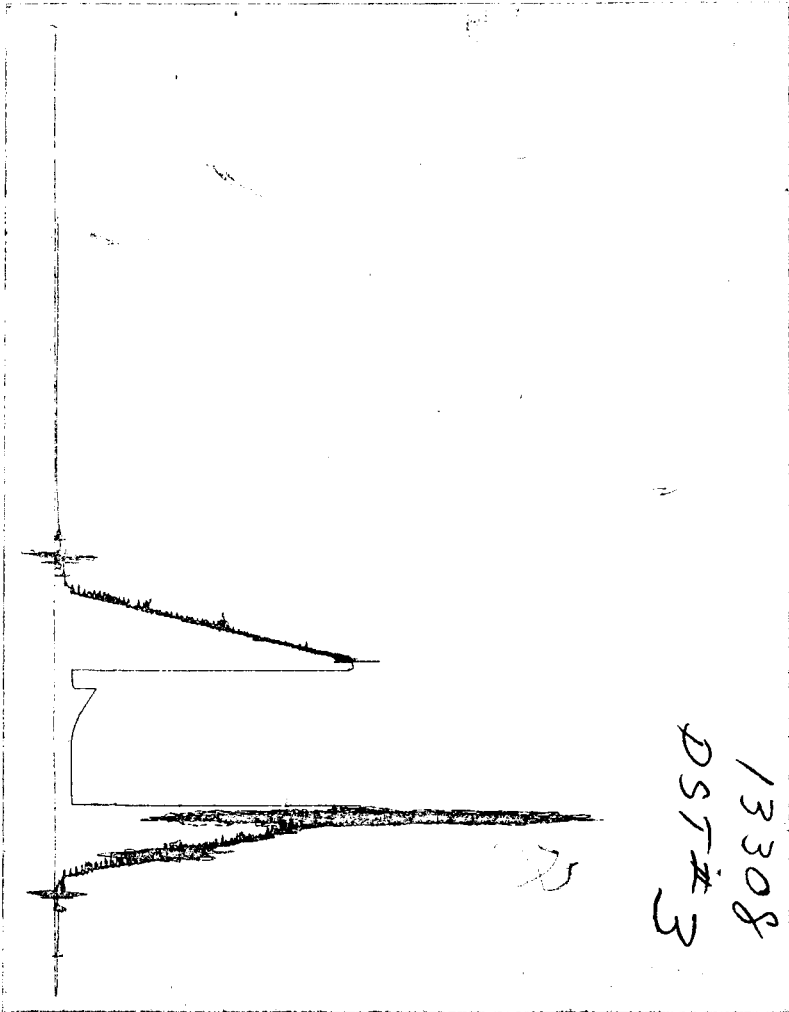


CHART PAGE

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