

DRILL STEM TEST REPORT

Prepared For: **Black Diamond Oil Inc**

P O Box 641
Hays Ks 67601

ATTN: Ken Vehige

21-9s-21w Graham

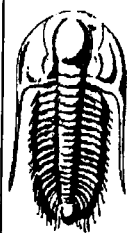
Andreson B-8

Start Date: 2004.08.31 @ 16:44:07

End Date: 2004.08.31 @ 20:49:06

Job Ticket #: 20169 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

P O Box 641
Hays Ks 67601

ATTN: Ken Vehige

Andreson B-8

21-9s-21w Graham

Job Ticket: 20169

DST#: 1

Test Start: 2004.08.31 @ 16:44:07

GENERAL INFORMATION:

Formation: Arb

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:25:00

Time Test Ended: 20:49:06

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: 3736.00 ft (KB) To 3792.00 ft (KB) (TVD)

Total Depth: 3792.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2290.00 ft (KB)

2285.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6668 Inside

Press@RunDepth: psig @ 3769.01 ft (KB)

Start Date: 2004.08.31

End Date: 2004.08.31

Capacity: 7000.00 psig

Last Calib.: 2004.08.31

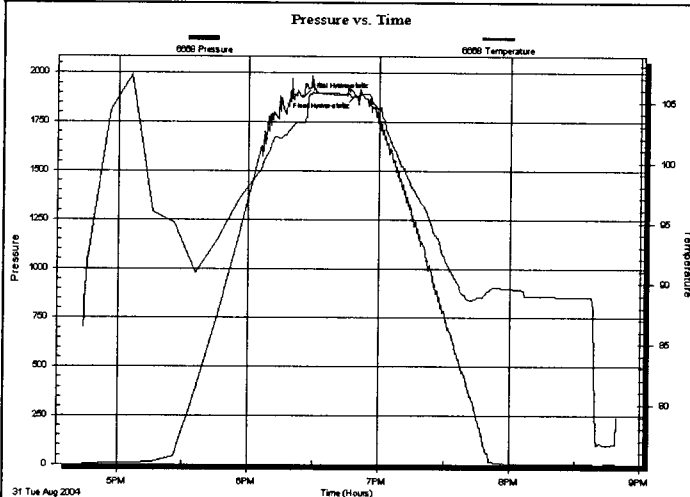
Start Time: 16:44:07

End Time: 20:49:06

Time On Btm: 2004.08.31 @ 18:25:06

Time Off Btm: 2004.08.31 @ 18:49:06

TEST COMMENT: FP-set packers twice, did not hold
misrun packer failure



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1879.52	103.29	Initial Hydro-static
24	1886.72	105.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	mud	1.26

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

Andreson B-8

P O Box 641
Hays Ks 67601

21-9s-21w Graham

Job Ticket: 20169

DST#: 1

ATTN: Ken Vehige

Test Start: 2004.08.31 @ 16:44:07

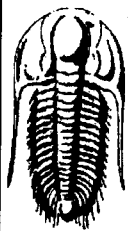
Tool Information

Drill Pipe:	Length: 3721.00 ft	Diameter: 3.80 inches	Volume: 52.20 bbl	Tool Weight:	2200.00 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:	55000.00 lb
			Total Volume: 52.20 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	3736.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	56.02 ft				
Tool Length:	77.02 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	1.00			3738.00	
Blank Spacing	31.00			3769.00	
Recorder	0.01	6668	Inside	3769.01	
Perforations	20.00			3789.01	
Recorder	0.01	13534	Outside	3789.02	
Bullnose	3.00			3792.02	56.02 Bottom Packers & Anchor

Total Tool Length: 77.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Black Diamond Oil Inc

Andreson B-8

P O Box 641
Hays Ks 67601

21-9s-21w Graham

Job Ticket: 20169

DST#: 1

ATTN: Ken Vehige

Test Start: 2004.08.31 @ 16:44:07

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: 9.94 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	mud	1.262

Total Length: 90.00 ft

Total Volume: 1.262 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

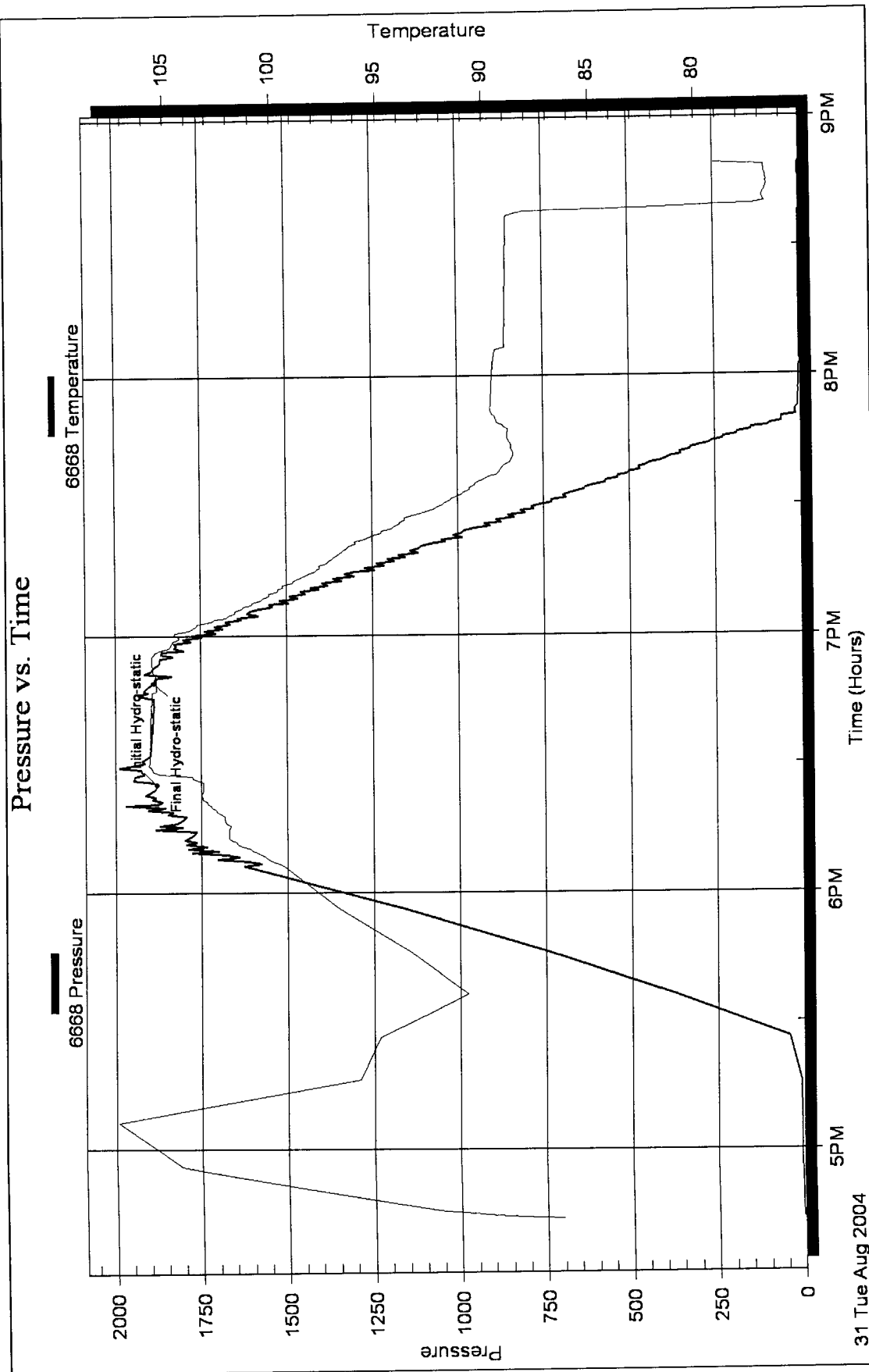
21-9s-21w Graham

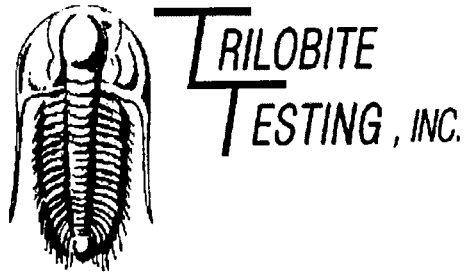
Black Diamond Oil Inc

Inside

Serial #: 6668

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Black Diamond Oil Inc**

P O Box 641
Hays Ks 67601

ATTN: Ken Vehige

21-9s-21w Graham

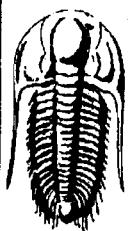
Andreson B-8

Start Date: 2004.08.31 @ 20:29:09

End Date: 2004.09.01 @ 01:39:08

Job Ticket #: 20170 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

Andreson B-8

P O Box 641
Hays Ks 67601

21-9s-21w Graham

Job Ticket: 20170

DST#: 2

ATTN: Ken Vehige

Test Start: 2004.08.31 @ 20:29:09

GENERAL INFORMATION:

Formation: **Arb**

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

Time Tool Opened: 21:46:38

Time Test Ended: 01:39:08

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **28**

Interval: **3678.00 ft (KB) To 3792.00 ft (KB) (TVD)**

Total Depth: **3792.00 ft (KB) (TVD)**

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

Reference Elevations: **2290.00 ft (KB)**

2285.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6668

Inside

Press@RunDepth: **54.88 psig @ 3774.01 ft (KB)**

Start Date: **2004.08.31**

End Date: **2004.09.01**

Start Time: **20:29:09**

End Time: **01:39:08**

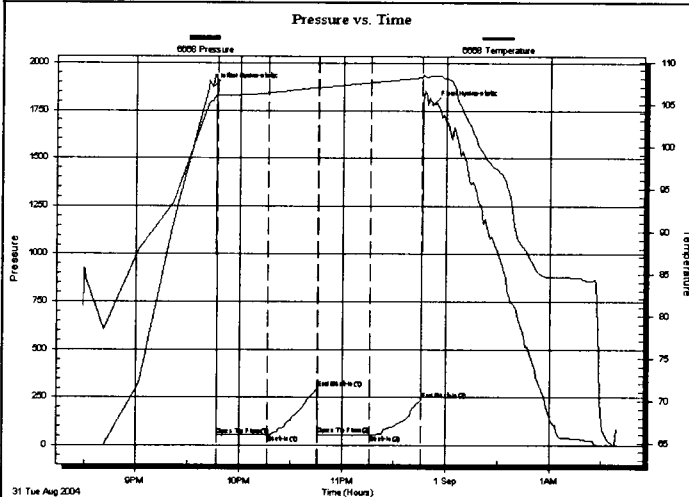
Capacity: **7000.00 psig**

Last Calib.: **2004.09.01**

Time On Btm: **2004.08.31 @ 21:44:08**

Time Off Btm: **2004.08.31 @ 23:52:08**

TEST COMMENT: FFP-wk bl thru-out 1/4" to surface bl
FFP-no bl
Times 30-30-30-30



PRESSURE SUMMARY

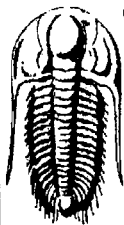
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1874.73	105.31	Initial Hydro-static
3	53.50	106.03	Open To Flow (1)
32	54.57	106.29	Shut-In(1)
62	298.31	106.98	End Shut-In(1)
62	53.82	106.92	Open To Flow (2)
92	54.88	107.53	Shut-In(2)
122	236.06	108.14	End Shut-In(2)
128	1781.18	108.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud	0.14

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

Andreson B-8

P O Box 641
Hays Ks 67601

21-9s-21w Graham

Job Ticket: 20170

DST#: 2

ATTN: Ken Vehige

Test Start: 2004.08.31 @ 20:29:09

Tool Information

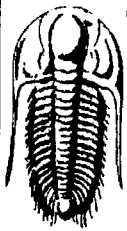
Drill Pipe:	Length: 3662.00 ft	Diameter: 3.80 inches	Volume: 51.37 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	42000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	55000.00 lb
			<u>Total Volume: 51.37 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	3678.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	114.02 ft				
Tool Length:	135.02 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3658.00	
Shut In Tool	5.00			3663.00	
Hydraulic tool	5.00			3668.00	
Packer	5.00			3673.00	21.00 Bottom Of Top Packer
Packer	5.00			3678.00	
Stubb	1.00			3679.00	
Perforations	1.00			3680.00	
Blank Spacing	94.00			3774.00	
Recorder	0.01	6668	Inside	3774.01	
Perforations	15.00			3789.01	
Recorder	0.01	13534	Outside	3789.02	
Bullnose	3.00			3792.02	114.02 Bottom Packers & Anchor

Total Tool Length: 135.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Black Diamond Oil Inc

Andreson B-8

P O Box 641
Hays Ks 67601

~~21-9s~~ 21w Graham

Job Ticket: 20170

DST#: 2

ATTN: Ken Vehige

Test Start: 2004.08.31 @ 20:29:09

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: 9.92 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud	0.140

Total Length: 10.00 ft

Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

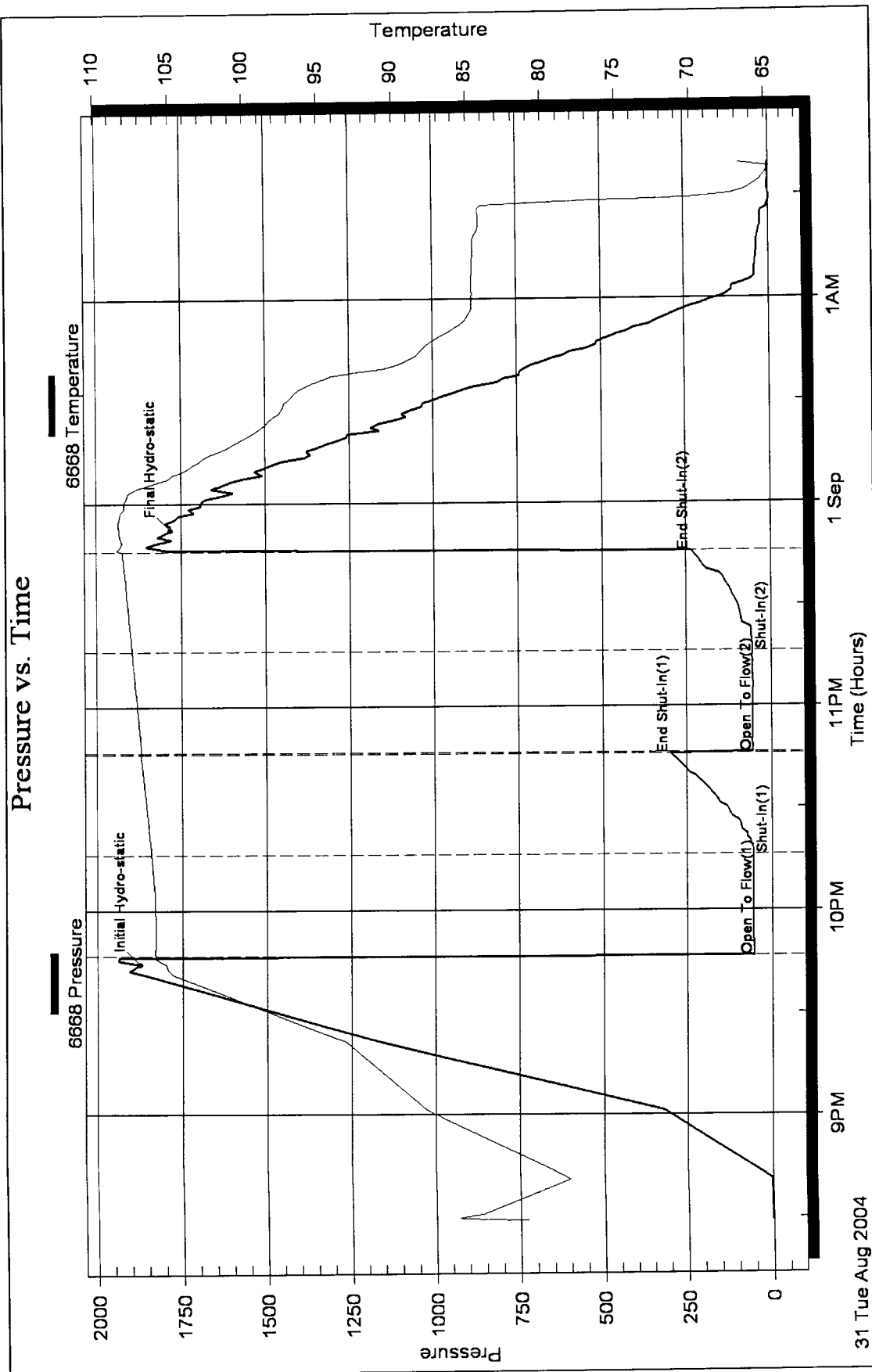
Serial #: 6668

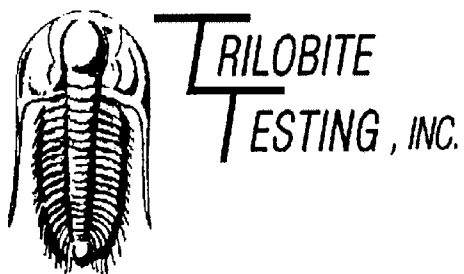
Inside

Black Diamond Oil Inc

21-9s-21w Graham

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Black Diamond Oil Inc**

P O Box 641
Hays Ks 67601

ATTN: Ken Vehige

21-9s-21w Graham

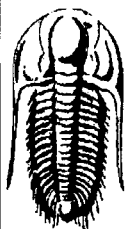
Andreson B-8

Start Date: 2004.09.01 @ 11:25:09

End Date: 2004.09.01 @ 14:55:08

Job Ticket #: 20171 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
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DRILL STEM TEST REPORT

Black Diamond Oil Inc

P O Box 641
Hays Ks 67601

ATTN: Ken Vehige

Andreson B-8

21-9s-21w Graham

Job Ticket: 20171

DST#: 3

Test Start: 2004.09.01 @ 11:25:09

GENERAL INFORMATION:

Formation: Arb

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:20:00

Time Test Ended: 14:55:08

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: 3759.00 ft (KB) To 3808.00 ft (KB) (TVD)

Total Depth: 3808.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2290.00 ft (KB)

2285.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6668 Inside

Press@RunDepth: psig @ 3792.01 ft (KB)

Start Date: 2004.09.01

End Date:

2004.09.01

Capacity: 7000.00 psig

Last Calib.: 2004.09.01

Start Time: 11:25:09

End Time:

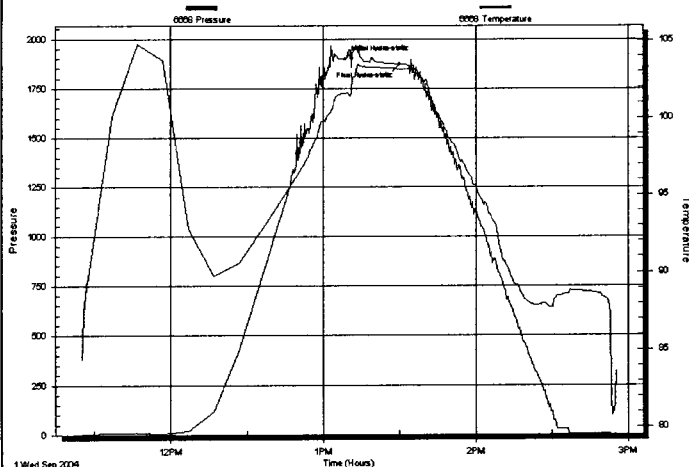
14:55:08

Time On Btm: 2004.09.01 @ 13:08:38

Time Off Btm: 2004.09.01 @ 13:30:08

TEST COMMENT: IFP-set packers twice, did not hold packer failure
Misrun

Pressure vs. Time



PRESSURE SUMMARY

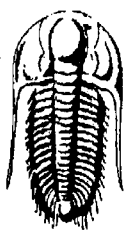
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1896.84	101.55	Initial Hydro-static
22	1871.07	103.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	mud	1.12

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

Andreson B-8

P O Box 641
Hays Ks 67601

21-9s-21w Graham

Job Ticket: 20171

DST#: 3

ATTN: Ken Vehige

Test Start: 2004.09.01 @ 11:25:09

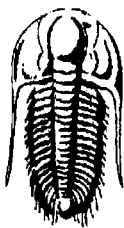
Tool Information

Drill Pipe:	Length:	3753.00 ft	Diameter:	3.80 inches	Volume:	52.64 bbl	Tool Weight:	2200.00 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:	52.64 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft						String Weight: Initial	42000.00 lb
Depth to Top Packer:	3759.00 ft						Final	43000.00 lb
Depth to Bottom Packer:	ft							
Interval between Packers:	49.02 ft							
Tool Length:	70.02 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			3739.00	
Shut In Tool	5.00			3744.00	
Hydraulic tool	5.00			3749.00	
Packer	5.00			3754.00	21.00 Bottom Of Top Packer
Packer	5.00			3759.00	
Stubb	1.00			3760.00	
Perforations	1.00			3761.00	
Blank Spacing	31.00			3792.00	
Recorder	0.01	6668	Inside	3792.01	
Perforations	13.00			3805.01	
Recorder	0.01	13534	Outside	3805.02	
Bullnose	3.00			3808.02	49.02 Bottom Packers & Anchor

Total Tool Length: 70.02



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Black Diamond Oil Inc

Andreson B-8

P O Box 641
Hays Ks 67601

21-9s-21w Graham

Job Ticket: 20171

DST#: 3

ATTN: Ken Vehige

Test Start: 2004.09.01 @ 11:25:09

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 41.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	mud	1.122

Total Length: 80.00 ft

Total Volume: 1.122 bbl

Num Fluid Samples: 0

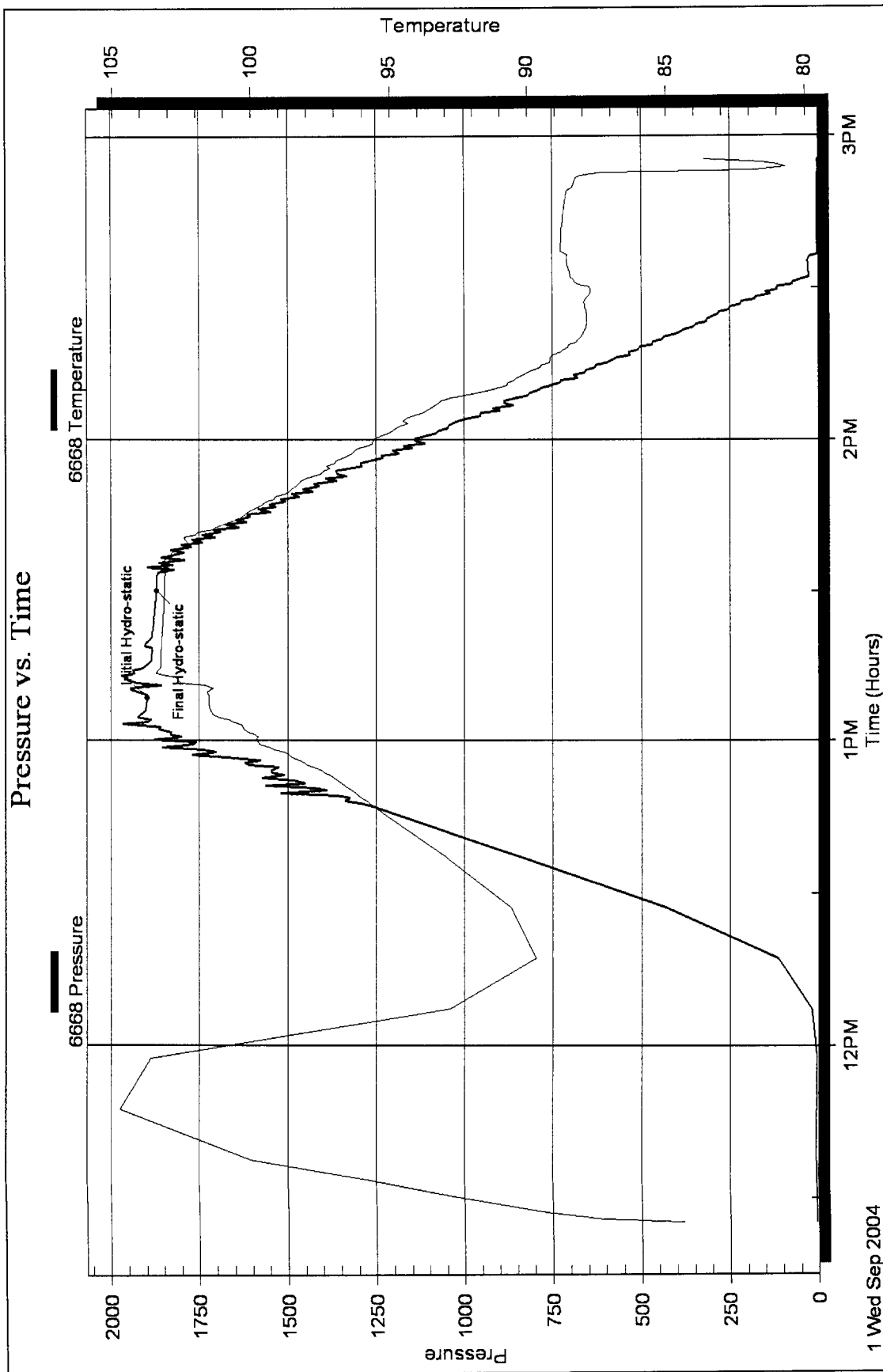
Num Gas Bombs: 0

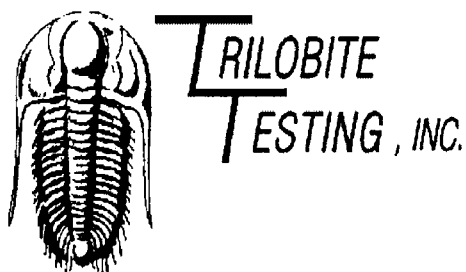
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 3#LCM





DRILL STEM TEST REPORT

Prepared For: **Black Diamond Oil Inc**

P O Box 641
Hays Ks 67601

ATTN: Ken Vehige

21-9s-21w Graham

Andreson B-8

Start Date: 2004.09.01 @ 15:01:35

End Date: 2004.09.01 @ 21:25:04

Job Ticket #: 20172 DST #: 4

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

P O Box 641
Hays Ks 67601

ATTN: Ken Vehige

Andreson B-8

21-9s-21w Graham

Job Ticket: 20172

DST#: 4

Test Start: 2004.09.01 @ 15:01:35

GENERAL INFORMATION:

Formation: Arb

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:23:34

Time Test Ended: 21:25:04

Interval: 3696.00 ft (KB) To 3808.00 ft (KB) (TVD)

Total Depth: 3808.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Reference Elevations: 2290.00 ft (KB)

2285.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6668

Inside

Press@RunDepth: 144.65 psig @ 3792.01 ft (KB)

Start Date: 2004.09.01

End Date: 2004.09.01

Capacity: 7000.00 psig

Last Calib.: 2004.09.01

Start Time: 15:01:35

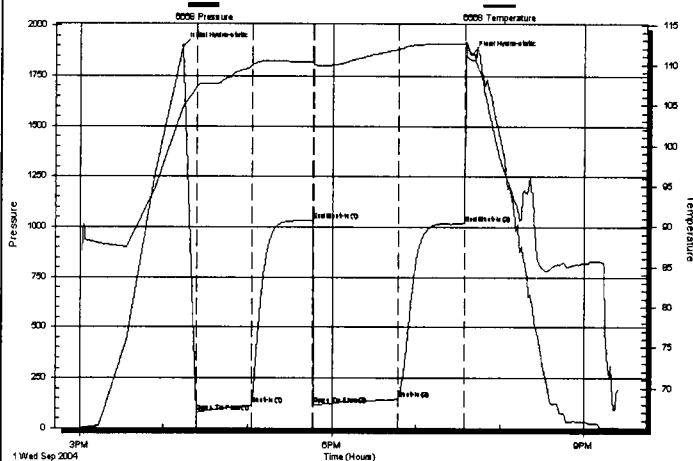
End Time: 21:25:04

Time On Btm: 2004.09.01 @ 16:13:34

Time Off Btm: 2004.09.01 @ 19:39:04

TEST COMMENT: IFP-w k to a fr bl 1/2" to 4" bl
FFP-w k bl thru-out 1/2" to 2" bl
Times 45-45-60-45
no bl on shut-in

Pressure vs. Time



PRESSURE SUMMARY

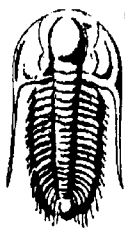
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1897.13	104.71	Initial Hydro-static
10	79.24	107.32	Open To Flow (1)
49	117.14	109.89	Shut-In(1)
93	1033.88	110.35	End Shut-In(1)
94	115.32	110.02	Open To Flow (2)
154	144.65	111.88	Shut-In(2)
201	1021.70	112.57	End Shut-In(2)
206	1861.39	110.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Clean Oil	0.07
80.00	Muddy Oil 60%oil 40%mud	1.12
60.00	Oil Cut Mud 15%oil 85%mud	0.84

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

Andreson B-8

P O Box 641
Hays Ks 67601

21-9s-21w Graham

Job Ticket: 20172

DST#: 4

ATTN: Ken Vehige

Test Start: 2004.09.01 @ 15:01:35

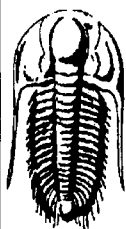
Tool Information

Drill Pipe:	Length:	3689.00 ft	Diameter:	3.80 inches	Volume:	51.75 bbl	Tool Weight:	2200.00 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:	55000.00 lb
					Total Volume:	51.75 bbl	Tool Chased	3.00 ft
Drill Pipe Above KB:	14.00 ft						String Weight: Initial	42000.00 lb
Depth to Top Packer:	3696.00 ft						Final	43000.00 lb
Depth to Bottom Packer:	ft							
Interval between Packers:	112.02 ft							
Tool Length:	133.02 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			3676.00	
Shut In Tool	5.00			3681.00	
Hydraulic tool	5.00			3686.00	
Packer	5.00			3691.00	21.00 Bottom Of Top Packer
Packer	5.00			3696.00	
Stubb	1.00			3697.00	
Perforations	1.00			3698.00	
Blank Spacing	94.00			3792.00	
Recorder	0.01	6668	Inside	3792.01	
Perforations	13.00			3805.01	
Recorder	0.01	13534	Outside	3805.02	
Bullnose	3.00			3808.02	112.02 Bottom Packers & Anchor

Total Tool Length: 133.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Black Diamond Oil Inc

Andreson B-8

P O Box 641
Hays Ks 67601

21-9s-21w Graham

Job Ticket: 20172

DST#: 4

ATTN: Ken Vehige

Test Start: 2004.09.01 @ 15:01:35

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 41.00 sec/qt

Water Loss: 8.77 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Clean Oil	0.070
80.00	Muddy Oil 60%oil 40%mud	1.122
60.00	Oil Cut Mud 15%oil 85%mud	0.842

Total Length: 145.00 ft

Total Volume: 2.034 bbl

Num Fluid Samples: 0

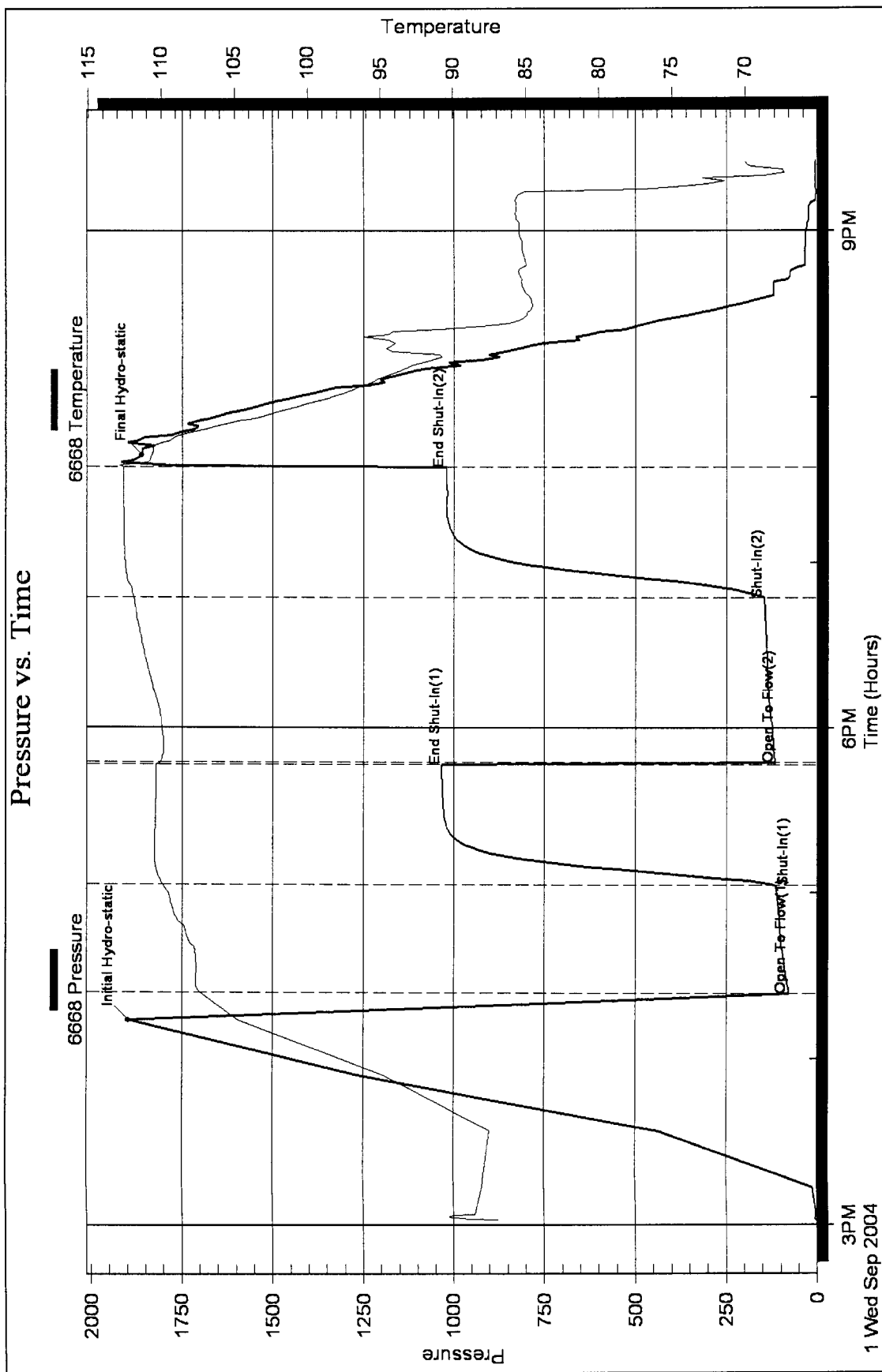
Num Gas Bombs: 0

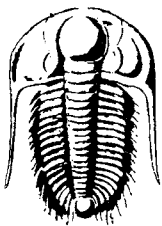
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV
0722

No 20169

05/03

Test Ticket

Well Name & No.	Anderson B-8	Test No.	1	Date	8-31-04
Company	BLACK DIAMOND OIL INC	Zone Tested	ARB		
Address	P.O. Box 641 Hays, KS 67601	Elevation	2290 KB	2285 GL	
Co. Rep / Geo.	Ken Uehige	Cont.	A+A Delg	Est. Ft. of Pay	- Por. - %
Location: Sec.	21	Twp.	9 ^s	Rge.	21 ^w Co. GRAHAM State KS
No. of Copies	Reg	Disbtribution Sheet (Y, N)		Turnkey (Y, N)	
		Evaluation (Y, N)			

Interval Tested	3736-3792	Initial Str Wt./Lbs.	42000	Unseated Str Wt./Lbs.	42000
Anchor Length	56	Wt. Set Lbs.	25000	Wt. Pulled Loose/Lbs.	55000
Top Packer Depth	3731	Tool Weight	2200		
Bottom Packer Depth	3736	Hole Size 7 7/8"	-	Rubber Size 6 3/4"	-
Total Depth	3792	Wt. Pipe Run	-	Drill Collar Run	-
Mud Wt.	9.4 LCM - Vis. 50 WL 10	Drill Pipe Size	4 1/2 FH	Ft. Run	3721
Blow Description	IFP - SET packer twice, did not hold FFP - packer failure				

Recovery - Total Feet	90	GIP	-	Ft. in DC	-	Ft. in DP	90
Rec.	90	Feet of	Mud	%gas	%oil	%water	%mud
Rec.		Feet of	MIS RUN	%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		°F Gravity		°API D @		°F Corrected Gravity	
RW		@		°F	Chlorides	ppm Recovery	Chlorides 3000 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	PSI	Recorder No.	6668	Test	✓	550
(B) First Initial Flow Pressure			PSI	(depth)	3769	Elec. Rec.	✓	
(C) First Final Flow Pressure			PSI	Recorder No.	13534	Jars		
(D) Initial Shut-In Pressure			PSI	(depth)	3789	Safety Jt.		
(E) Second Initial Flow Pressure			PSI	Recorder No.	-	Circ Sub		
(F) Second Final Flow Pressure			PSI	(depth)	-	Sampler		
(G) Final Shut-In Pressure			PSI	Initial Opening		Straddle		
(Q) Final Hydrostatic Mud			PSI	Initial Shut-In		Ext. Packer		

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Approved By _____

Our Representative

Ray Schwager Thank
4/04

Final Flow

Final Shut-In

T-On Location

T-Started

T-Open

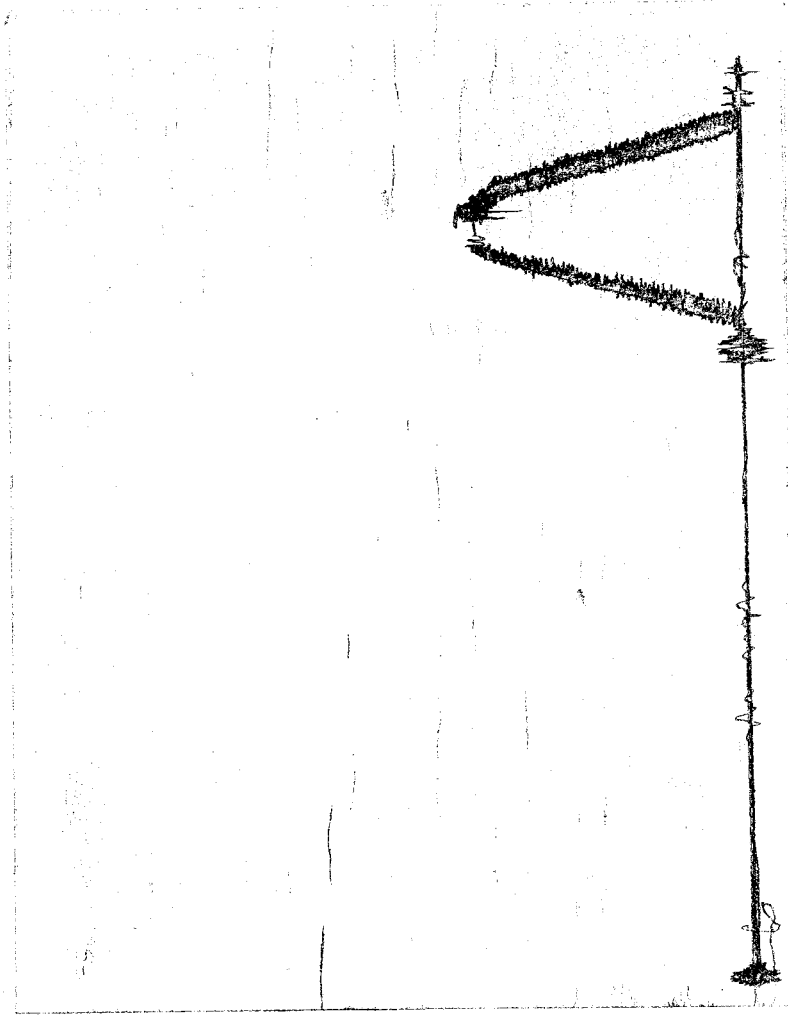
T-Pulled

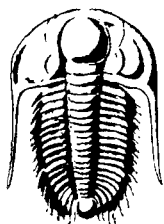
T-Out

Test	✓	550
Elec. Rec.	✓	
Jars		
Safety Jt.		
Circ Sub		
Sampler		
Straddle		
Ext. Packer		
Shale Packer		
Mileage	✓ 95 RT	80.75
Sub Total:		630.75
Std. By		
Other		
Total:		

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20170

05/03

Test Ticket

Well Name & No.	Anderson B-8	Test No.	2	Date	8-31-04
Company	BLACK DIAMOND OIL INC	Zone Tested	ARB		
Address	P.O. Box 641 Hays, Ko 67601	Elevation	2290	KB	2285 GL
Co. Rep / Geo.	Ken Uehige	Cont.	A+A Orlg	Est. Ft. of Pay	- Por. - %
Location: Sec.	21	Twp.	9 ^s	Rge.	21 ^w Co. GRAHAM State KS
No. of Copies	Reg	Disbtribution Sheet (Y, N)		Turnkey (Y, N)	
		Evaluation (Y, N)			

Interval Tested	3678-3792	Initial Str Wt./Lbs.	42000	Unseated Str Wt./Lbs.	42000
Anchor Length	114	Wt. Set Lbs.	25000	Wt. Pulled Loose/Lbs.	55000
Top Packer Depth	3673	Tool Weight	2200		
Bottom Packer Depth	3678	Hole Size 7 7/8"	-	Rubber Size 6 3/4"	-
Total Depth	3792	Wt. Pipe Run	-	Drill Collar Run	-
Mud Wt.	9.4 LCM -	Vis.	50	WL	10
		Drill Pipe Size	4 1/2" KH	Ft. Run	3662
Blow Description	TFP - WEAK Blow thru-out 1/4" To surface Blow FFP - NO BLOW				

Recovery - Total Feet	10	GIP	-	Ft. in DC	-	Ft. in DP	10
Rec.	10	Feet of	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	-
RW	-	@	-	°F	Chlorides	3000	ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	1874	PSI	Recorder No.	6668	Test	✓
(B) First Initial Flow Pressure			53	PSI	(depth)	3774	Elec. Rec.	✓
(C) First Final Flow Pressure			54	PSI	Recorder No.	13534	Jars	
(D) Initial Shut-In Pressure			298	PSI	(depth)	3789	Safety Jt.	
(E) Second Initial Flow Pressure			53	PSI	Recorder No.	-	Circ Sub	
(F) Second Final Flow Pressure			54	PSI	(depth)	-	Sampler	
(G) Final Shut-In Pressure			236	PSI	Initial Opening	30	Straddle	
(Q) Final Hydrostatic Mud			1781	PSI	Initial Shut-In	30	Ext. Packer	

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Approved By Ray Schwager

Our Representative

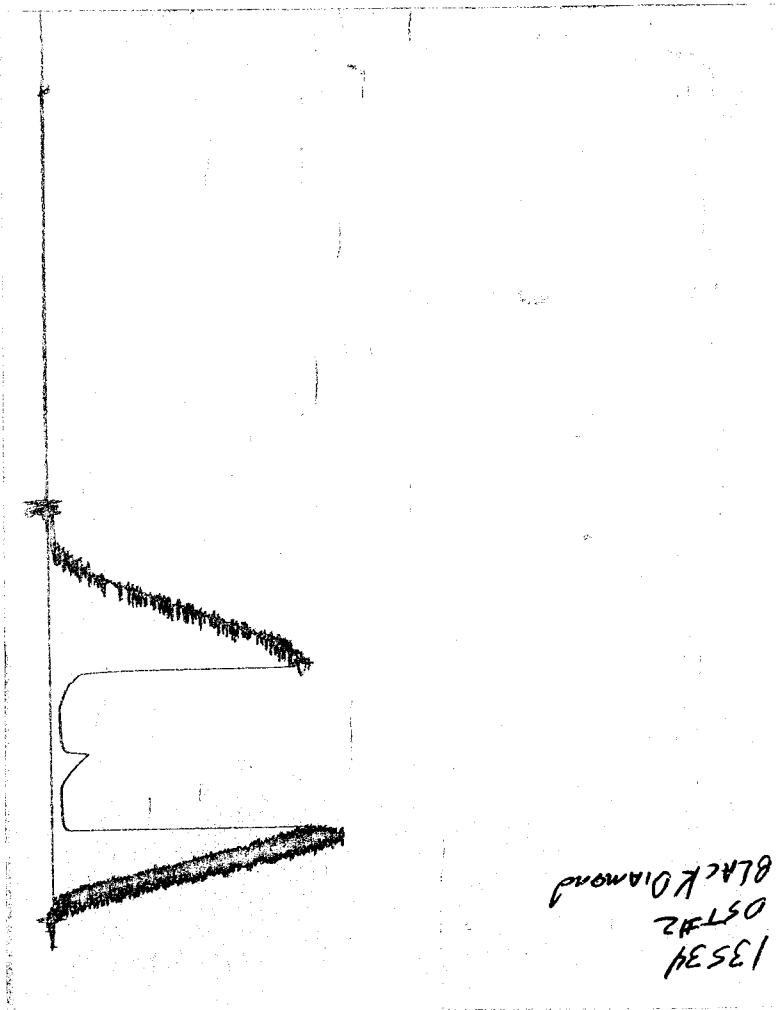
Ray Schwager Thank you

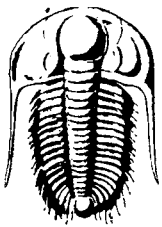
Final Flow	30
Final Shut-In	30
T-On Location	2000
T-Started	2029
T-Open	2145
T-Pulled	2345
T-Out	0139

Test	✓
Elec. Rec.	✓
Jars	
Safety Jt.	
Circ Sub	
Sampler	
Straddle	
Ext. Packer	
Shale Packer	
Mileage	✓ N/C
Sub Total:	
Std. By	
Other	
Total:	

CHART PAGE

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20171

05/03

Test Ticket

Well Name & No.	Andreson B-8	Test No.	3	Date	9-1-04
Company	Black Diamond Oil Inc	Zone Tested	ARB		
Address	P.O. Box 641 Hays, KS 67601	Elevation	2290	KB	2285 GL
Co. Rep / Geo.	Ken Uehige	Cont.	A4A DRLg	Est. Ft. of Pay	- Por. - %
Location: Sec.	21	Twp.	9 ^s	Rge.	21 ^w Co. GRAHAM State K
No. of Copies	Reg	Disbtribution Sheet (Y, N)		Turnkey (Y, N)	
		Evaluation (Y, N)			

Interval Tested	3759 - 3808	Initial Str Wt./Lbs.	42000	Unseated Str Wt./Lbs.	43000
Anchor Length	49	Wt. Set Lbs.	25000	Wt. Pulled Loose/Lbs.	50000
Top Packer Depth	3754	Tool Weight	2200		
Bottom Packer Depth	3759	Hole Size 7 7/8"	-	Rubber Size 6 3/4"	-
Total Depth	3808	Wt. Pipe Run	-	Drill Collar Run	-
Mud Wt.	9.6	LCM	3 [#]	Vis.	46
		WL	8.8	Drill Pipe Size	4 1/2 FH
Blow Description	IFP - SET PACKERS TWICE, did not hold PACKER FAILURE MISRUN				

Recovery - Total Feet	80	GIP	-	Ft. in DC	-	Ft. in DP	80
Rec.	80	Feet of	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		°F Gravity	-	°API D @	-	°F Corrected Gravity	-
RW	-	@	-	°F	Chlorides	5000	ppm System

(A) Initial Hydrostatic Mud	AK-1	PSI	Recorder No.	6668	Test	✓	550
(B) First Initial Flow Pressure	Alpine	PSI	(depth)	3792	Elec. Rec.	✓	
(C) First Final Flow Pressure		PSI	Recorder No.	13594	Jars		
(D) Initial Shut-In Pressure		PSI	(depth)	3805	Safety Jt.		
(E) Second Initial Flow Pressure		PSI	Recorder No.	-	Circ Sub		
(F) Second Final Flow Pressure		PSI	(depth)	-	Sampler		
(G) Final Shut-In Pressure		PSI	Initial Opening		Straddle		
(Q) Final Hydrostatic Mud		PSI	Initial Shut-In		Ext. Packer		

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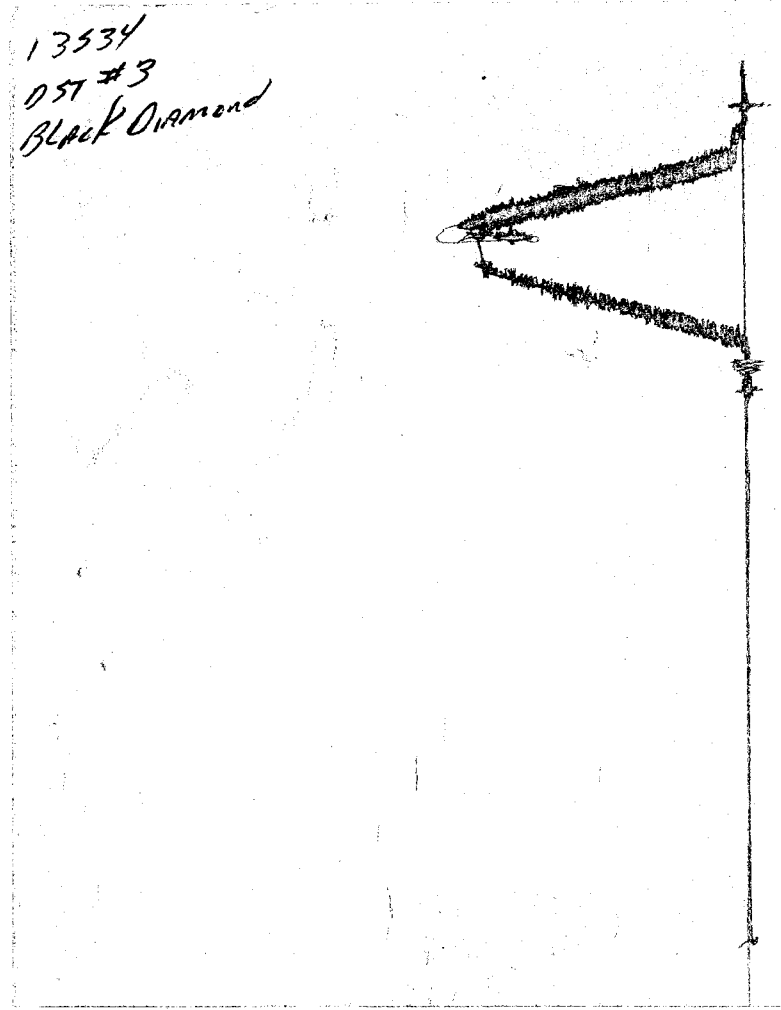
Approved By _____

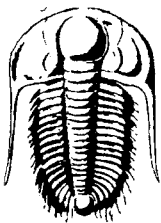
Our Representative RAY SCHWAGER THANK

Final Flow		Shale Packer	
Final Shut-In		Mileage	2087
T-On Location	1030	Sub Total:	584.01
T-Started	1125	Std. By	
T-Open	1320	Other	
T-Pulled	1330	Total:	
T-Out	1455		

CHART PAGE

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20172

05/03

Test Ticket

Well Name & No.	Anderson B-8	Test No.	4	Date	9-1-04
Company	BLACK DIAMOND OIL INC	Zone Tested	ARB		
Address	P.O. Box 641 Hays, KS 67601	Elevation	2290	KB	2285 GL
Co. Rep / Geo.	Ken Vehige	Cont.	ArA Dalg	Est. Ft. of Pay	- Por. - %
Location: Sec.	21	Twp.	9 ^s	Rge.	21 ^w Co. GRAHAM State KS
No. of Copies	Reg	Disbtribution Sheet (Y, N)		Turnkey (Y, N)	
		Evaluation (Y, N)			

Interval Tested	3696-3808	Initial Str Wt./Lbs.	42000	Unseated Str Wt./Lbs.	43000
Anchor Length	112	Wt. Set Lbs.	25000	Wt. Pulled Loose/Lbs.	55000
Top Packer Depth	3691	Tool Weight	2200		
Bottom Packer Depth	3696	Hole Size 7 7/8"	-	Rubber Size 6 3/4"	-
Total Depth	3808	Wt. Pipe Run	-	Drill Collar Run	-
Mud Wt.	9.6 LCM 3# Vis. 41 WL 8.8	Drill Pipe Size	4 1/2 FH	Ft. Run	3689
Blow Description	TFP - WEAK TO A FAIR BLOW 1/2" TO 4" BLOW FFP - WEAK BLOW THRU-OUT 1/2" TO 2" BLOW NO BLOW ON SHUT-IN				

Recovery - Total Feet	145	GIP	-	Ft. in DC	-	Ft. in DP	145
Rec.	5	Feet of	Clean oil	%gas		%oil	
Rec.	80	Feet of	Muddy oil	%gas	60	%oil	40
Rec.	60	Feet of	OCM	%gas	15	%oil	85
Rec.		Feet of		%gas		%oil	
Rec.		Feet of		%gas		%oil	
BHT	112	°F Gravity	-	°API D @	-	°F Corrected Gravity	-
RW	-	@	-	°F Chlorides	-	ppm Recovery	-
				Chlorides	5000	ppm System	

(A) Initial Hydrostatic Mud	AK-1	Alpine	1897	PSI	Recorder No.	6668	Test	✓	900
(B) First Initial Flow Pressure			72	PSI	(depth)	3792	Elec. Rec.	✓	
(C) First Final Flow Pressure			117	PSI	Recorder No.	13534	Jars		
(D) Initial Shut-In Pressure			1033	PSI	(depth)	3805	Safety Jt.		
(E) Second Initial Flow Pressure			115	PSI	Recorder No.	-	Circ Sub		
(F) Second Final Flow Pressure			144	PSI	(depth)	-	Sampler		
(G) Final Shut-In Pressure			1021	PSI	Initial Opening	45	Straddle		
(Q) Final Hydrostatic Mud			1861	PSI	Initial Shut-In	45	Ext. Packer		
					Final Flow	60	Shale Packer		
					Final Shut-In	45	Mileage	N/C	120
					T-On Location	1445	Sub Total:		
					T-Started	1501	Std. By		
					T-Open	1615	Other		
					T-Pulled	1930	Total:		
					T-Out	2125			

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Approved By: Ray Schwager

Our Representative: Ray Schwager THANK

CHART PAGE

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