



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Black Diamond Oil Inc  
P O Box 641  
Hays Ks 67601-0641  
ATTN: Ken Vehige

**22-8s-19w Rooks**

**Green D #3**

Job Ticket: 46253

**DST#: 2**

Test Start: 2012.02.25 @ 22:45:31

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 00:21:56  
 Time Test Ended: 04:27:25  
 Interval: **3418.00 ft (KB) To 3427.00 ft (KB) (TVD)**  
 Total Depth: 3427.00 ft (KB) (TVD)  
 Hole Diameter: 7.85 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Ray Schwager  
 Unit No: 42  
 Reference Elevations: 1987.00 ft (KB)  
 1982.00 ft (CF)  
 KB to GR/CF: 5.00 ft

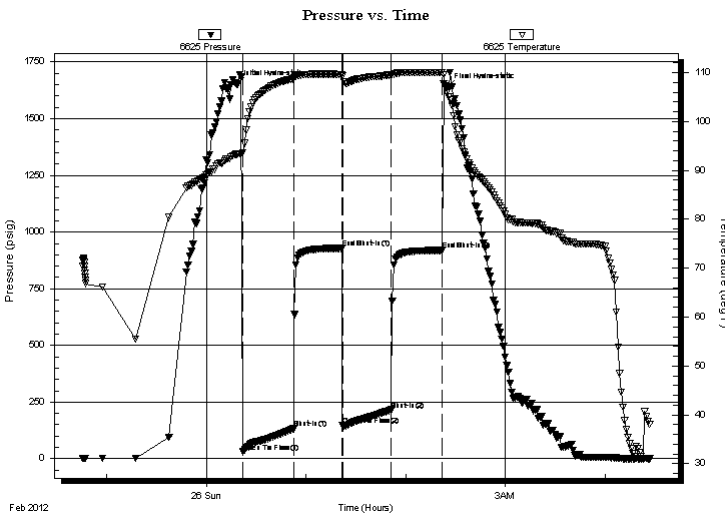
## Serial #: 6625

Inside

Press @ Run Depth: 216.02 psig @ 3419.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.02.25 End Date: 2012.02.26 Last Calib.: 2012.02.26  
 Start Time: 22:45:31 End Time: 04:27:25 Time On Btm: 2012.02.26 @ 00:18:26  
 Time Off Btm: 2012.02.26 @ 02:24:56

TEST COMMENT: 30-IFP-w k to strg in 7min  
 30-ISIP-surface bl bk  
 30-FFP-w k to strg in 10min  
 30-FSIP-no bl

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1650.97	93.35	Initial Hydro-static
4	30.14	93.61	Open To Flow (1)
34	132.52	108.74	Shut-In(1)
63	928.37	109.63	End Shut-In(1)
64	146.22	109.35	Open To Flow (2)
93	216.02	109.43	Shut-In(2)
124	919.66	109.99	End Shut-In(2)
127	1635.17	105.93	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	60'GIP	0.00
25.00	MGO 5%G10%M85%O	0.12
600.00	CO	7.55

## Gas Rates

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

\* Recovery from multiple tests



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**FLUID SUMMARY**

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**Green D #3**  
Job Ticket: 46253      **DST#: 2**  
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## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 18 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.59 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3000.00 ppm		
Filter Cake: 1.00 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	60'GIP	0.000
25.00	MGO 5%G10%M85%O	0.123
600.00	CO	7.551

Total Length: 625.00 ft      Total Volume: 7.674 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

Serial #: 6625

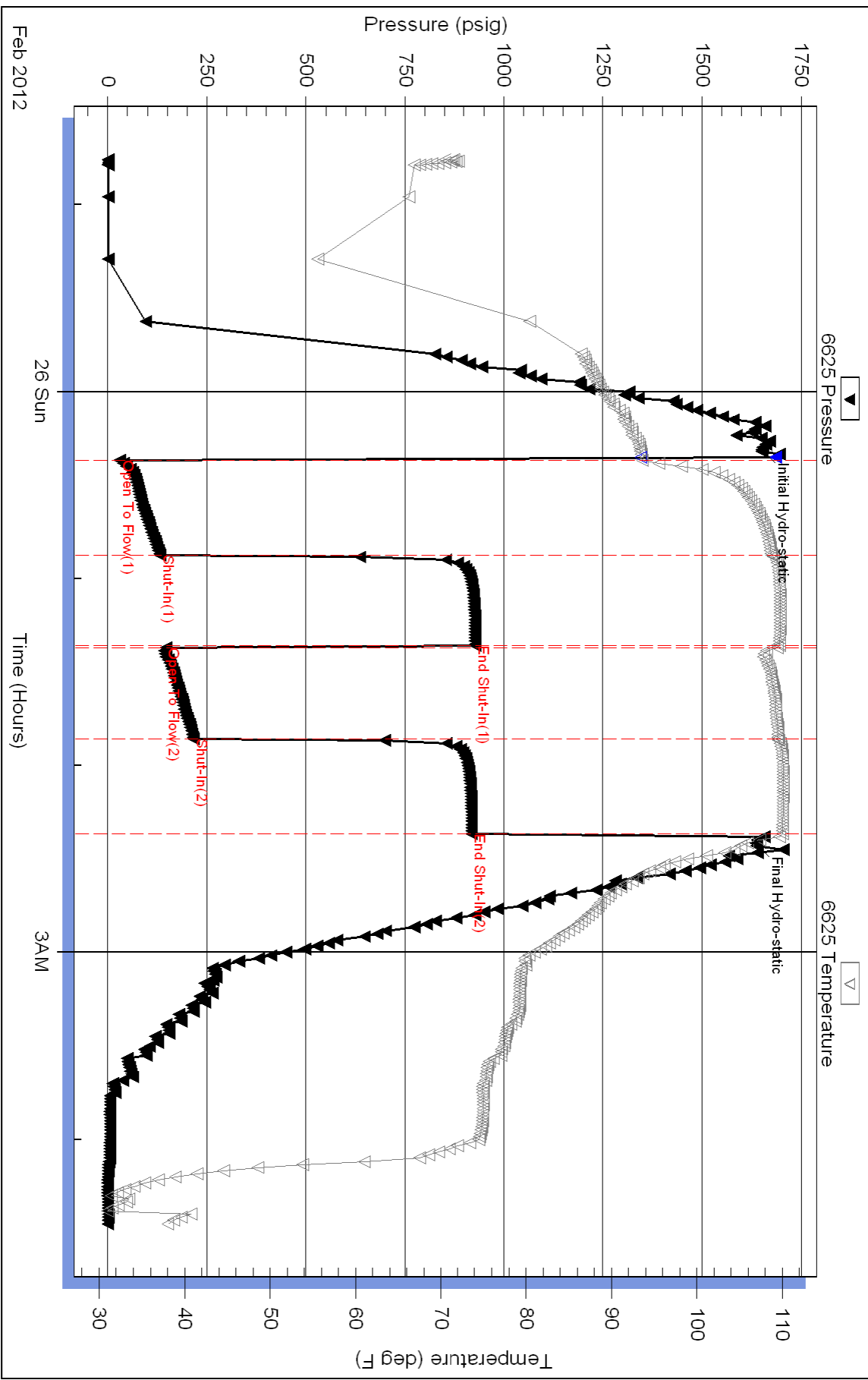
Inside

Black Diamond Oil Inc

Green D#3

DST Test Number: 2

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 46253

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