



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Black Diamond Oil Inc
 PO Box 641
 Hays, KS 67601-0641
 ATTN: Richard Bell

23/4s/21w Norton KS
Veh #1
 Job Ticket: 48154 **DST#: 3**
 Test Start: 2012.10.29 @ 16:53:00

GENERAL INFORMATION:

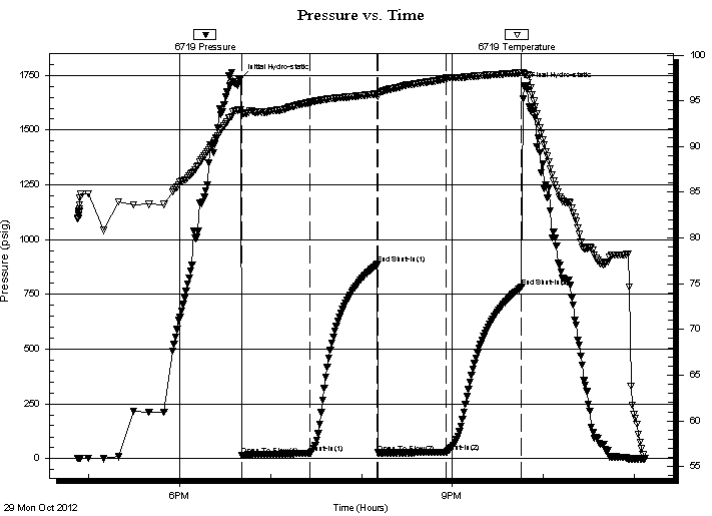
Formation: **LKC "K - L"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:41:00
 Time Test Ended: 23:07:00
 Interval: **3505.00 ft (KB) To 3540.00 ft (KB) (TVD)**
 Total Depth: 3540.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: James Winder
 Unit No: 57
 Reference Elevations: 2117.00 ft (KB)
 2112.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6719

Inside

Press @ Run Depth: 30.24 psig @ 3506.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.29 End Date: 2012.10.29 Last Calib.: 2012.10.29
 Start Time: 16:53:05 End Time: 23:06:59 Time On Btm: 2012.10.29 @ 18:40:30
 Time Off Btm: 2012.10.29 @ 21:47:00

TEST COMMENT: 45 - IF: Blow built to 3/4", dieing back at 24 min., 1/4" blow at close
 45 - IS: Bled off, No blow back
 45 - FF: No blow
 45 - FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1735.98	94.00	Initial Hydro-static
1	14.00	93.68	Open To Flow (1)
46	23.67	94.84	Shut-In(1)
90	887.38	95.75	End Shut-In(1)
91	25.96	95.47	Open To Flow (2)
136	30.24	97.47	Shut-In(2)
185	783.61	98.06	End Shut-In(2)
187	1698.69	97.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Mud w /trace oil 100%m	0.22

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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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: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	Mud w /trace oil 100%m	0.221

Total Length: 45.00 ft Total Volume: 0.221 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

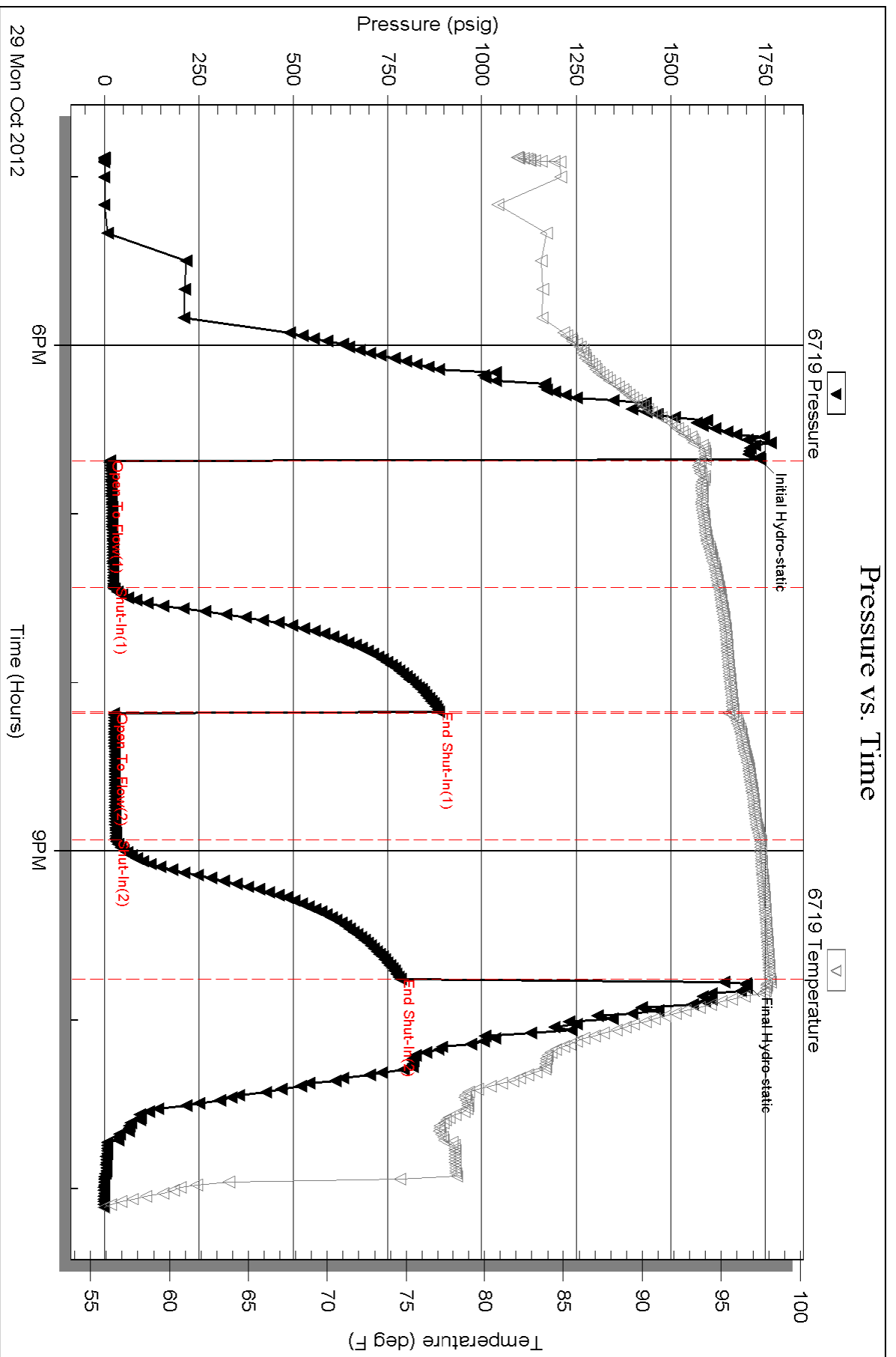
Serial #: 6719

Inside

Black Diamond Oil Inc

Well #1

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 48154

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