



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1079486

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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API # 15-163-24006-00-00

Operator: Black Diamond Oil, Inc.

Well Name & No: Green "D" # 3

Location: 990' FSL & 1750' FWL, Section 22-8s-19w

County: Rooks

State: Ks

Rig No.: 6 Contractor: WW Drilling, LLC

Tool Pusher: John Mayers - 785-259-4392

Drill Collars: 14 Size: 6 1/4 x 2 1/4

Rig Phone: 785-259-6941

Make Pump: National K-380

Liner & Stroke: 6 x 14

Spud 2/21/2012 @ 5:30 PM

Approx. TD: 3450 Elevation: 1982

K.B. 1987

KB Hole Complete: 2/25/2012 @ 6:30 PM

Mud Co.: Andy's Mud

Mud Engineer: Kirk Werth

Water Pond

Date	02/21/12	02/22/12	02/23/12	02/24/12	02/25/12	02/26/12	02/27/12			
Days	1-spud	2-woc	3-drlg	4-drlg	5-drlg	6-log	7-done			
Depth		218	2224	3110	3308	3427				
Ft. Cut		218	2006	886	198	119				
D.T.		7.5-woc	.5-woc		.75-DW					
D.T.			1/4-pump		.5-wop					
C.T.					13.75	16.75	15			
Bit Wt.		20,000	30000	38000	38000	38000				
RPM		90	85	85	85	85				
Pressure		500	750	800	800	800				
SPM		60	60	60	60	60				
Mud Cost					8640	8867				
Mud Wt.		8.7	9.3	8.9	9	9.1				
Viscosity		28	29	59	56	57				
Water Loss					6.8	7.6				
Chlorides					1500	3000				
L.C.M.				1#	2#	2#				
Dev. Sur		218-1/2"			3175-3/4"	3427-3/4"				
Dev. Sur										
Fuel	2106	1944	3645	3159	2916	2592	2430			
Water-Pit	full	2'	1/2'	3'	full	full				
ACC Bit Hrs.			21.75	44	52.75	59.5				
Formation	sd-sh	sd-sh	sd-sh	sh-lm	sh-lm	sh-lm				
Weather	clear	clear	ptly cloudy	clear	clear	clear				
No.	Size	Type	Out	Ft.	Hrs.	Cum Hrs.	Bit Cond	Serial #	Tops	
1	12 1/4	Smith	218	218	4.25	4.25	RR	PD 6528		
2	7 7/8	Sm - F-27	3427	3209	59.5	63.75	New	PX 0137	ROP 53.7 FPH	
3										
4										
DEPTH	SIZE	SACKS	CEMENT MATERIAL		PLUG DOWN	DRILLED OUT	REMARKS			
218	8 5/8	150	Common, 3% cc, 2% gel		11:30 PM	7:30 AM	Allied Did circ			
3427	5 1/2	475	QMD 1/4# Flow seal per sx		8:00 PM		Quality Cem. Did circ			
		30	Ratehole		2/26/2012					
NO	INTERVAL	OPEN	SHUT	OPEN	SHUT	RECOVERY				
1	3100-3175	30	45	30	30	30' mud				
2	3418-3427	30	30	30	30	60' gas 625' oil				
3										
4										
5										
6										
7										
8										
9										

Surface Casing Furnished by: Midwest Pipe - Milden Haul - 5 joints 8 5/8, 23 #, tally 211.21 set @ 217

Remarks: Strap & weld surface by WW. Anhydrite 1396'-1428', Displace @ 2812 (600 bbls), Short trip @ 3175' (2 Hrs), Pipe strap @ 3175' (0.96 board short), Short trip @ 3427' (11 stds 1/2 HR) Logged by Superior LTD 3430' (4 Hrs), Ran 82 joints of 14# 5 1/2 casing set @ 3425', Plug down @ 8:00 Pm, Release rig @ 10:00 PM on 2/26/2012.

ALLIED OIL & GAS SERVICES, LLC

056962

Federal Tax I.D.# 20-5975804

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
RUSSELL

DATE 2-21-12	SEC. 22	TWP. 8^S	RANGE 19^W	CALLED OUT	ON LOCATION	JOB START 11:30 AM	JOB FINISH 12 AM
LEASE Green	WELL # d 3	LOCATION ZURICH - 7 N - 1/2^E TANK BATTERY		COUNTY ROCKY	STATE KS		
OLD OR NEW (Circle one)			N-W Follow Lease Rd TO LOCATION				

CONTRACTOR WW #6	OWNER
TYPE OF JOB SURFACE	
HOLE SIZE 12 1/4	T.D. 220
CASING SIZE 8 5/8	DEPTH 218.21
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. 10 FT	
PERFS.	
DISPLACEMENT 13.26 bbl	

CEMENT			
AMOUNT ORDERED	150 SK A	3% CC	2% 600
COMMON	150	@ 16.25	2437.50
POZMIX		@	
GEL	3	@ 21.25	63.75
CHLORIDE	5	@ 58.20	291.00
ASC		@	
HANDLING	158	@ 2.25	355.50
MILEAGE	59 x 158 x .11		1025.92
TOTAL			4173.17

EQUIPMENT	
PUMP TRUCK	CEMENTER Bob Smith
# 409	HELPER TONY
BULK TRUCK	
# 481	DRIVER CHRIS
BULK TRUCK	
#	DRIVER

REMARKS:

**pumped 150 SK
CEMENT CIRCULATED
TO SURFACE**

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			1125.00
EXTRA FOOTAGE		@	
MILEAGE	4 59	@ 7.00	413.00
MANIFOLD		@	
	Ldv m. 59	@ 4.00	236.00
TOTAL			1774.00

CHARGE TO: **BLACK DIAMOND**
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 241

Date	2/26/12	Sec.	22	Twp.	8	Range	19	County	Rooks	State	KS	On Location		Finish	8:00 PM
Lease	Green D	Well No.	3	Location Zurich, 7N, 1/2 E, N + W into											
Contractor	W.W. Drilling Rig # 6							Owner							
Type Job	Production Slurry							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size	7 7/8"		T.D. 3427'												
Csg.	5 1/2" 14#		Depth 3425'												
Tbg. Size	Depth														
Tool	Depth														
Cement Left in Csg.	42'		Shoe Joint 42'												
Meas Line	Displace 82 1/2 Bbls.							Cement Amount Ordered 475 ex 2-MDC 1/4# Floph							

EQUIPMENT

Pumptrk	9	No.	Cementer	Paul	Helper	Paul	Common
Bulktrk	12	No.	Driver	Matt	Driver	Matt	Poz. Mix
Bulktrk	PV	No.	Driver	Tim	Driver	Tim	Gel.

JOB SERVICES & REMARKS

Remarks:	Calcium
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48 500 gal.
Est. Circ. - 45 min	CFL-117 or CD110 CAF 38
Pump 500 gal Mud Clear-48	Sand
Aug Rot Hole	Handling
Mix 445 ex down 5 1/2"	Mileage

FLOAT EQUIPMENT

Displace	Guide Shoe
band Aug	Centralizer 7
Floater Held	Baskets 3
Cement Circulated	AFU Inserts
Thank You	Float Shoe
Rotating Head	Latch Down 1

Pumptrk Charge	
Mileage	
	Tax
	Discount
	Total Charge

X Signature Paul Paul

Doc tols
J. Mayfield



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

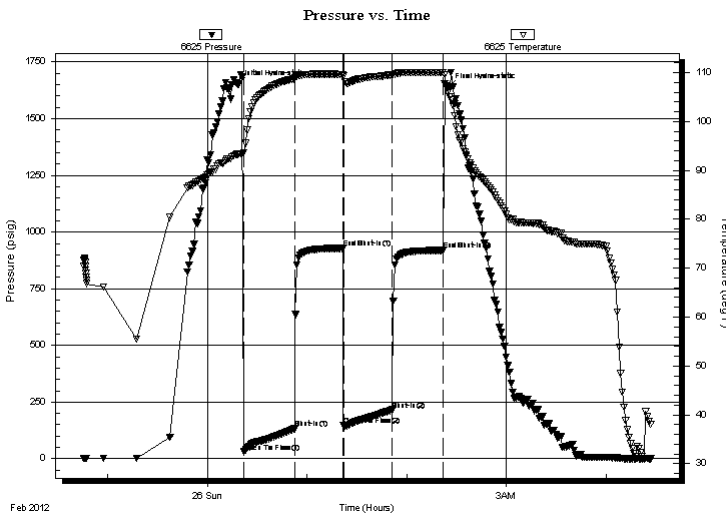
Serial #: 6625

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Black Diamond Oil Inc

22-8s-19w Rooks

P O Box 641
Hays Ks 67601-0641

Green D #3

Job Ticket: 46253

DST#: 2

ATTN: Ken Vehige

Test Start: 2012.02.25 @ 22:45:31

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:

bbbl

Water Loss: 7.59 in³

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

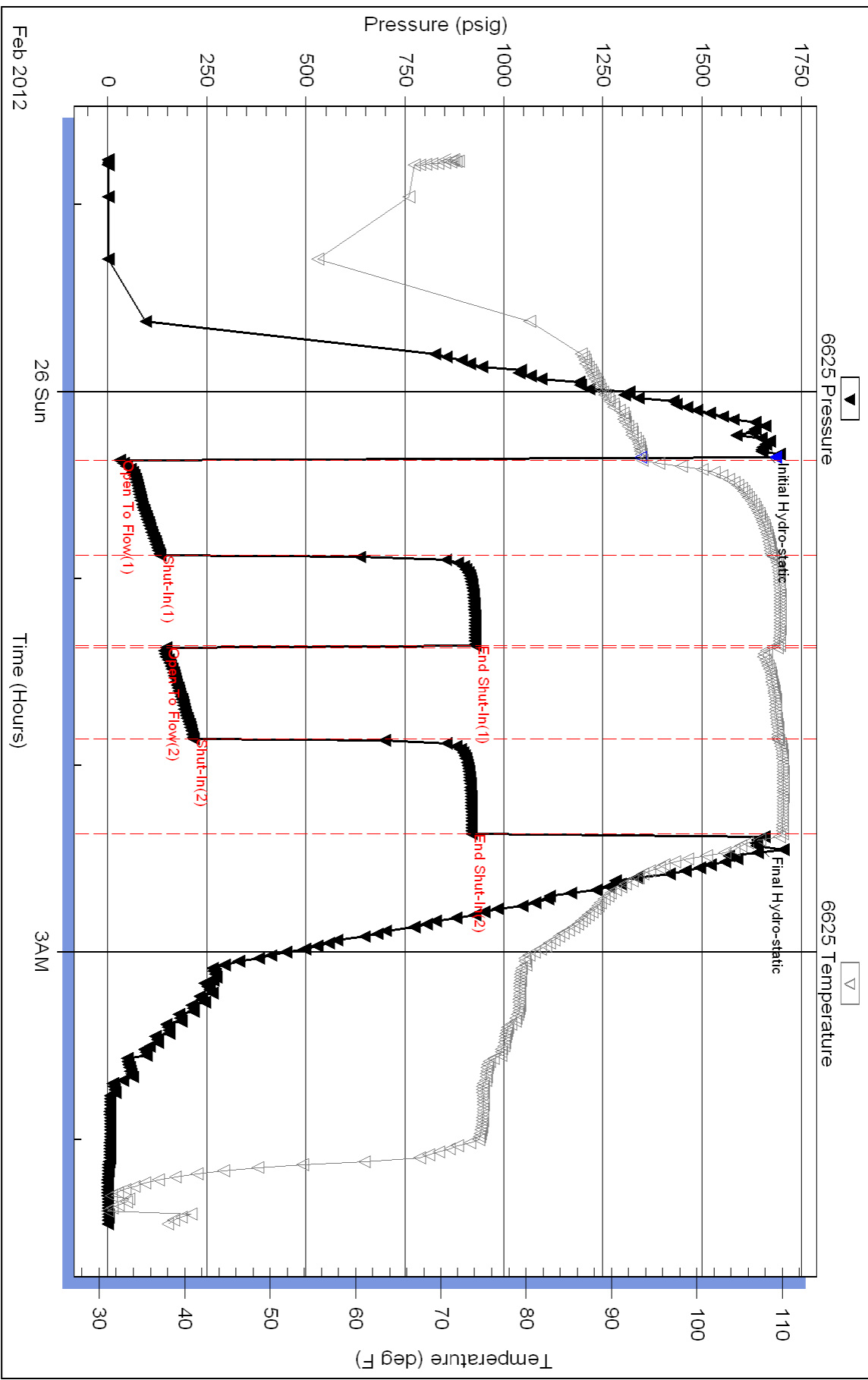
Inside

Black Diamond Oil Inc

Green D#3

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 46253

Printed: 2012.02.27 @ 13:33:29