

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 7076
Name: Black Diamond Oil, Inc.
Address: P.O. Box 641
City/State/Zip: Hays, KS 67601
Purchaser: Coffeyville Resources
Operator Contact Person: Kenneth Vehige
Phone: (785) 625-5891
Contractor: Name: American Eagle Drilling
License: 33493
Wellsite Geologist: Tony Richardson

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

<u>1029/2009</u>	<u>11/3/2009</u>	<u>11/11/2009</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 163-23831-00-00
County: Rooks
N2 SE NW NE Sec. 27 Twp. 8 S. R. 19 East West
740 feet from S / (N) (circle one) Line of Section
1650 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: LT Well #: 1

Field Name: Mt. Pleasant
Producing Formation: Toronto
Elevation: Ground: 1952 Kelly Bushing: _____
Total Depth: 3580 Plug Back Total Depth: 1960
Amount of Surface Pipe Set and Cemented at 220 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 3555
feet depth to Surface w/ 550 sx cmt.

Drilling Fluid Management Plan Alt II New 4-16-10
(Data must be collected from the Reserve Pit)
Chloride content 4000 ppm Fluid volume 240 bbls
Dewatering method used Free fluids removed air dry and back fill
Location of fluid disposal if hauled offsite: _____
Operator Name: Black Diamond Oil
Lease Name: Veverka SWD License No.: 7076
Quarter NE Sec. 26 Twp. 8 S. R. 19 East West
County: Rooks Docket No.: 22,285

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]
Title: President Date: 3-3-2010

Subscribed and sworn to before me this 3rd day of March

20 10
Notary Public: [Signature]
Date Commission Expires: 5/21/2011

MELISSA L. WINDHOLZ
NOTARY PUBLIC
STATE OF KANSAS
5/21/2011

KCC Office Use ONLY

N Letter of Confidentiality Received
 If Denied, Yes Date: RECEIVED
KANSAS CORPORATION COMMISSION
 Wireline Log Received
Geologist Report Received APR 15 2010
UIC Distribution
**CONSERVATION DIVISION
WICHITA, KS**

Operator Name: Black Diamond Oil, Inc. Lease Name: LT Well #: 1
 Sec. 27 Twp. 8 S. R. 19 East West County: Rooks

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Sonic, Compensated density/neutron, dual induction & micro	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1371</td> <td>+389</td> </tr> <tr> <td>Topeka</td> <td>2901</td> <td>-941</td> </tr> <tr> <td>Heebner</td> <td>3112</td> <td>-1152</td> </tr> <tr> <td>Lansing KC</td> <td>3149</td> <td>-1189</td> </tr> <tr> <td>Base KC</td> <td>3365</td> <td>-1405</td> </tr> <tr> <td>Arbuckle</td> <td>3401</td> <td>-1441</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Anhydrite	1371	+389	Topeka	2901	-941	Heebner	3112	-1152	Lansing KC	3149	-1189	Base KC	3365	-1405	Arbuckle	3401	-1441
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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
Surface	12 1/4	8 5/8	23	220	60/40 common	150	3% CC 2 % gel
Production	7 7/8	5 1/2	14	3555	SMD	550	

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 (Amount and Kind of Material Used)	Depth
4	3133-36	500 15% MCA	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8	3095			
Date of First, Resumerd Production, SWD or Enhr. 1/2/2010			Producing Method			
			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	8	0	50			

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input checked="" type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	APR 15 2010 RECEIVED KANSAS CORPORATION COMMISSION

ALLIED CEMENTING CO., LLC. 33637

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell

DATE <u>10-28-04</u>	SEC. <u>27</u>	TWP. <u>8</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB STARTS <u>2:30pm</u>	JOB FINISH <u>3:00pm</u>
LEASE <u>LT</u>	WELL # <u>1</u>	LOCATION <u>Zurich 7N 2 E</u>			COUNTY <u>ROOKS</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR American Eagle
 TYPE OF JOB SURFACE
 HOLE SIZE 12 1/4 T.D. 270
 CASING SIZE 8 7/8 DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15
 PERFS.
 DISPLACEMENT 13 bbls

OWNER
 CEMENT AMOUNT ORDERED
150 lbs 60/40 3-2

EQUIPMENT
 PUMP TRUCK CEMENTER Bill
 # 417 HELPER Craig
 BULK TRUCK
 # 347 DRIVER Darren
 BULK TRUCK
 # DRIVER

COMMON	<u>90</u>	@ <u>13.50</u>	<u>1215.00</u>
POZMIX	<u>60</u>	@ <u>7.50</u>	<u>450.00</u>
GEL	<u>3</u>	@ <u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>5</u>	@ <u>51.50</u>	<u>257.50</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>75</u>	@ <u>2.25</u>	<u>168.75</u>
MILEAGE	<u>SK/mi/10</u>		<u>187.50</u>
TOTAL			<u>2342.50</u>

REMARKS:

Ran 5 It's of 8 7/8 set c 270
Cemt w/ 150 lb Cemt
pump plug w/ 13 bbls of water
Cemt did OK.

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>991.00</u>
EXTRA FOOTAGE	@		
MILEAGE	@ <u>7.00</u>	<u>25</u>	<u>175.00</u>
MANIFOLD	@		
	@		
	@		
TOTAL			<u>1166.00</u>

CHARGE TO: BLACK Diamond
 STREET
 CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL			

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME
 SIGNATURE Michael D. Schellin

SALES TAX (If Any)
 TOTAL CHARGES
 DISCOUNT IF PAID IN 30 DAYS

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KANSAS CORPORATION COMMISSION

APR 15 2010

CONSERVATION DIVISION
WICHITA, KS

JOB LOG

SWIFT Services, Inc.

DATE 11-02-05 PAGE NO. 1

CUSTOMER BEACH DIAMOND WELL NO. 1 LEASE L.T. JOB TYPE LONG STRING TICKET NO. 16640

CHART NO.	TIME	RATE (BPM)	VOLUME (BBU) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							ON LOCATION CMT: 550 SMD 1/4" PUCHE RTD 3580 SET P. PL. @ 3555 SJ. 41.23 INJECT 2513 5/2 14" NEW CENT 1,3,5,7,9,11,12,54 BASKET @ 12,53 INJECT FLOTT SHADE, LD PUS & WAFER, ROTATE HEAD
	1315							START C64 FLOWLINE
	1435							DROP BALL - HANDTOP
	1445							BREMKIRC @ ROTATE P. PL
	1520		7					PLUG RH 30SUS
	1525	6.5	12		✓		300	MUD FLUSH 500GAL
			20		✓			WELL FLUSH
			0		✓			SMD CMT @ 11.2" 390SUS
			216		✓			E-D
			216		✓			SMD CMT @ 13.0" 50SUS
			234		✓			
			231		✓			SMD CMT @ 14.0" 80SUS
	1610		253		✓			
								DROP CLO PLUG, WASH OUT P.C.
	1615	6.0	0		✓		200	START DUG
			45.0		✓		400	CIRC CMT 70 SWS TOP 17'
			70.0		✓		700	
			25.0		✓		750	
			80.0		✓		800	
	1630	4.5	85.8		✓		1500	LAND PLUG
	1635							RELEASE - DRY
	1715							JOB COMPLETE
								THANK YOU! DAVE, JOHNS

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CONSERVATION DIVISION
WICHITA, KS

American Eagle Drilling, LLC.

Rig #2

Black Diamond Oil, Inc

L.T. #1

API Well No. 15-163-23831-00-00

Rooks County, Kansas

Date	Rig Hrs.	Work Description
10/27/2009	N/C	0' MIRT
10/28/2009	N/C	0' to 224' Preparing to drill. Spud @ 9:45 a.m. Set 8 5/8" @ 3:00 p.m.
10/29/2009	N/C	224' to 1,840' Drilling
10/30/2009	0.50	1,840' to 2,806' Drilling. Displace mud (.50 hr).
10/31/2009	3.25	2,806' to 3,428' Drilling. Displace mud @ 2,840' (.75 hrs), C.F.S. 3,116' (.50 hr), C.F.S. @ 3,428' (1 hr) Short Trip (1 hr).
11/1/2009	22.25	3,428' to 3,428' Short Trip (.75 hr), C.T.C.H. (.50 hrs), Lost Circulation (got returns back), C.T.C.H. (.50 hr), L.O.H. for logs (1.5 hrs), Logging (5.75 hrs), DST #1 (5.25 hrs), DST #2 (6.5 hrs), W.O.O. (.75 hr), T.I.H. w/bit (.75 hr).
11/2/2009	10.00	3,428' to 3,580' T.I.H. (1.5 hrs), Drilling, C.F.S. @ 3,580' (1 hr), L.D.D.P. (3 hrs), Rig to 5 1/2" (1 hr), Ran 5 1/2" (1.5 hrs), C.T.C.H. (1 hr), Cement (1 hr). Rig released @ 4:30 p.m.

TOTAL

36.00

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APR 15 2010

CONSERVATION DIVISION
WICHITA, KS



Gaschler Pulling Service, Inc.
 Kent Gaschler—Owner
 785-650-7878

1811 Monroe P.O. Box 21
 Ellis, KS 67637

Company: BLACK DIAMOND OIL Date: 11-9-09
 Lease: LT Well #: 1 County: ROCKS State: KS

COMPLETION
 Job description

Pulled From Well

Reran In Well

Feet	Joints	Description	Equipment	Feet	Joints	Description
			Polish Rod			
			Liner			
			Rod Subs			
			Rods			
			Rods			
			Rods			
			Pump			
			Tubing Subs			
			Tubing			
			Tubing			
			Bbl. Seat N			
		Where Set Type Size	Packer or Tubing Anchor			Where Set Type Size
			Mud Anchor			

Y N Paint _____
 Y N Diesel _____ GAL. _____ = _____
 Thread Dope _____ x _____ Each _____
 Circ Rubber New _____ Used _____
 Y N Circ Head _____
 Y N Sand Pump _____
 N Oil Saver Rubber 10 @ \$15
 N Swab Cup 1-5 1/2 @ \$100
 Y N Other _____

Unit	Hrs.	Per. Hr	Amount
<u>RIG/IDDP</u>	<u>3</u>	<u>90</u>	<u>\$270</u>
Operator <u>KENT G</u>	<u>3</u>	<u>30</u>	<u>\$90</u>
Floorman <u>MICHAEL H</u>	<u>3</u>	<u>25</u>	<u>\$75</u>
Floorman <u>LUKE K</u>	<u>3</u>	<u>25</u>	<u>\$75</u>
		Extra Equip.	<u>\$115</u>
		Sales Tax	<u>33.13</u>
		TOTAL	<u>658.13</u>

Remarks: MOVED IN & RIGGED UP TO TUBING HOPE. RIGGED UP CASING
 SABS & SWABBED CASING DOWN TO 2500'- SHUT DOWN.

RECEIVED
 KANSAS CORPORATION COMMISSION

APR 15 2010

By: Kent Gaschler
 Gaschler Pulling Service, Inc.

By: _____
 Authorized Signature

CONSERVATION DIVISION
 WICHITA, KS



Gaschler Pulling Service, Inc.
 Kent Gaschler—Owner
 785-650-7878

1811 Monroe P.O. Box 21
 Ellis, KS 67637

Company: BLACK DIAMOND OIL Date: 11-10-09
 Lease: LT Well #: 1 County: ROCKS State: KS
CORP
 Job description

Pulled From Well

Reran In Well

Feet	Joints	Description	Equipment	Feet	Joints	Description
			Polish Rod			
			Liner			
			Rod Subs			
			Rods			
			Rods			
			Rods			
			Pump			
			Tubing Subs			
			Tubing			
			Tubing			
			Bbl. Seat N			
		Where Set Type Size	Packer or Tubing Anchor			Where Set Type Size
			Mud Anchor			

Y N Paint _____
 Y N Diesel _____ GAL. _____ = _____
 Thread Dope 5 x 0 Each 15
 Circ Rubber New _____ Used 50
 Y N Circ Head 75
 Y N Sand Pump _____
 Y N Oil Saver Rubber 10 @ 15
 Y N Swab Cup 1-2 3/8 @ 22
 Y N Other _____

Unit	Hrs.	Per. Hr	Amount
<u>RIG 1DDP</u>	<u>10 1/2</u>	<u>90</u>	<u>\$945</u>
Operator <u>KENT G</u>	<u>10 1/2</u>	<u>30</u>	<u>\$315</u>
Floorman <u>MICHAEL H</u>	<u>10 1/2</u>	<u>25</u>	<u>\$262.50</u>
Floorman <u>LUKE K</u>	<u>10 1/2</u>	<u>25</u>	<u>\$262.50</u>
		Extra Equip.	<u>\$177</u>
		Sales Tax	<u>103.99</u>
		TOTAL	<u>2065.99</u>

Remarks: RIGGED UP LK TO LOG & PERFORATE. RIGGED LK DOWN.
TAPPED TUBING & PACKER IN HOLE. SET PACKER & SWABBED
DRY. ACID SHOWED UP. SPOTTED & TREATED. SWABBED DOWN.
SAW SHOW OF OIL. DID 15 MINUTE TESTS. HAD 500' + ABOUT
20 TO OIL. WENT TO 30 MINUTE TESTS. WOULD GET 800' + BUT CUT
WAS 10-10 TO OIL. SHUT DOWN.

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 KANSAS CORPORATION COMMISSION

By: Kent Gaschler
 Gaschler Pulling Service, Inc.

By: _____
 APR 15 2010
 Authorized Signature
 CONSERVATION DIVISION
 WICHITA, KS



Gaschler Pulling Service, Inc.
Kent Gaschler—Owner
785-650-7878

1811 Monroe P.O. Box 21
Ellis, KS 67637

Company: BLACK DIAMOND OIL Date: 11-11-09
Lease: AT Well #: 1 County: ROCKS State: KS
Job description: COMPLETION

Pulled From Well

Reran In Well

Feet	Joints	Description	Equipment	Feet	Joints	Description
			Polish Rod		1	1'4 x 16'
			Liner		1	6'
			Rod Subs		1	6' x 3/4
			Rods		122	3/4
			Rods			
			Rods			
			Pump		1	2 x 1 1/2 x 12
			Tubing Subs			
			Tubing		99	2 3/8
			Tubing			
			Bbl. Seat N		1	5"
		Where Set Type Size	Packer or Tubing Anchor			Where Set Type Size
			Mud Anchor		1	2 3/8 x 15'

Y N Paint _____
Y N Diesel _____ GAL. _____ = _____
Thread Dope 5 x 3 Each 15
Circ Rubber New _____ Used _____
Y N Circ Head _____
Y N Sand Pump _____
Y N Oil Saver Rubber _____
Y N Swab Cup _____
Y N Other _____

Unit	Hrs.	Per. Hr	Amount
RIG / DDP	7	90	\$630
Operator KENT G	7	30	\$210
Floorman MICHAEL H	7	25	\$175
Floorman LUKE K	7	25	\$175
Extra Equip.			\$15
Sales Tax			63.86
TOTAL			1268.86

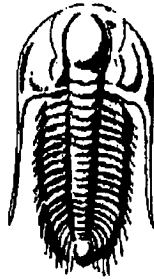
Remarks: CHECKED OVERNITE FILLUP. FLUID WAS @ 2000' + HAD 10% OIL. 30 MINUTE TEST HAD 200' + 17% OIL. PULLED PACKER & GOT READY TO RUN IN FOR PRODUCTION. RAN TUBING & LANDED @ 3:30. RIGGED OVER FOR PADS. RAN PUMP + SINGLE RODS. SPACED OUT + SEATED PUMP. RIGGED DOWN + MOVED OFF.

RECEIVED
KANSAS CORPORATION COMMISSION

By: Kent Gaschler
Gaschler Pulling Service, Inc.

APR 15 2010

CONSERVATION DIVISION
TOPIKA, KS
Authorized Signature



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Black Diamond Oil Inc**

PO Box 641
Hays KS 67601-0641

ATTN: Ken Vehige

27 8S 19W Rooks KS

LT #1

Start Date: 2009.11.01 @ 10:08:41

End Date: 2009.11.01 @ 15:25:35

Job Ticket #: 36691 DST #: 1

Trilobite Testing, Inc

PO Box 1733 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 67601-0641
ATTN: Ken Vehige

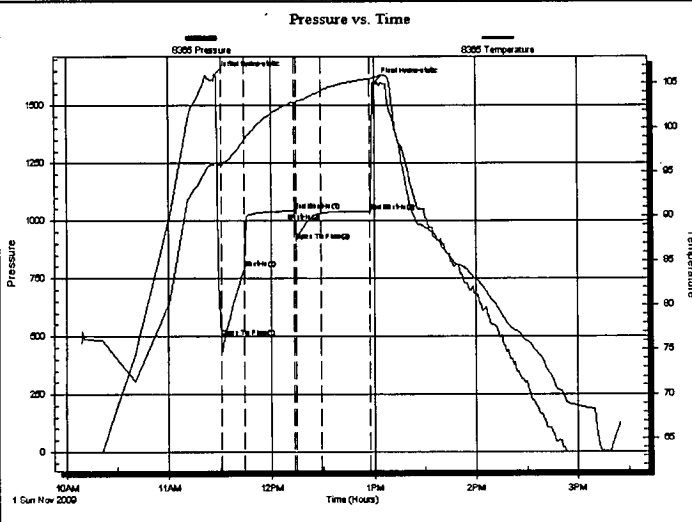
LT #1
27 8S 19W Rooks KS
Job Ticket: 36691 **DST#: 1**
Test Start: 2009.11.01 @ 10:08:41

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:30:36
Time Test Ended: 15:25:35
Interval: **3350.00 ft (KB) To 3428.00 ft (KB) (TVD)**
Total Depth: 3428.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42
Reference Elevations: 1967.00 ft (KB)
1959.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8365 Inside
Press@RunDepth: 1033.88 psig @ 3361.01 ft (KB) Capacity: 8000.00 psig
Start Date: 2009.11.01 End Date: 2009.11.01 Last Calib.: 2009.11.01
Start Time: 10:08:41 End Time: 15:25:35 Time On Btm: 2009.11.01 @ 11:27:06
Time Off Btm: 2009.11.01 @ 13:00:36

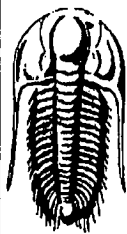
TEST COMMENT: IFF-strg bl thru-out
FFP-strg bl thru-out
Times 15-30-15-30
no bl on shut-in



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1631.91	95.96	Initial Hydro-static
4	497.59	95.81	Open To Flow (1)
17	794.48	98.58	Shut-In(1)
46	1042.34	102.86	End Shut-In(1)
47	912.27	102.89	Open To Flow (2)
62	1033.88	104.16	Shut-In(2)
91	1040.83	105.50	End Shut-In(2)
94	1603.38	105.71	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
630.00	MW 30% M70% W w/show of oil	8.84
1610.00	Water	22.58

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Black Diamond Oil Inc

LT #1

PO Box 641
Hays KS 67601-0641

27 8S 19W Rooks KS

ATTN: Ken Vehige

Job Ticket: 36691

DST#: 1

Test Start: 2009.11.01 @ 10:08:41

Tool Information

Drill Pipe:	Length: 3359.00 ft	Diameter: 3.80 inches	Volume: 47.12 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: 65000.00 lb
			<u>Total Volume: 47.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3350.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	78.02 ft			
Tool Length:	99.02 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			3330.00	
Shut In Tool	5.00			3335.00	
Hydraulic tool	5.00			3340.00	
Packer	5.00			3345.00	21.00 Bottom Of Top Packer
Packer	5.00			3350.00	
Stubb	1.00			3351.00	
Perforations	10.00			3361.00	
Recorder	0.01	8365	Inside	3361.01	
Recorder	0.01	6625	Outside	3361.02	
Blank Spacing	64.00			3425.02	
Bullnose	3.00			3428.02	78.02 Bottom Packers & Anchor

Total Tool Length: 99.02

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APR 15 2010

**CONSERVATION DIVISION
WICHITA, KS**



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Black Diamond Oil Inc

LT #1

PO Box 641
Hays KS 67601-0641

27 8S 19W Rooks KS

Job Ticket: 36691

DST#: 1

ATTN: Ken Vehige

Test Start: 2009.11.01 @ 10:08:41

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:

19000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
630.00	MW 30%M70%W w/show of oil	8.837
1610.00	Water	22.584

Total Length: 2240.00 ft Total Volume: 31.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

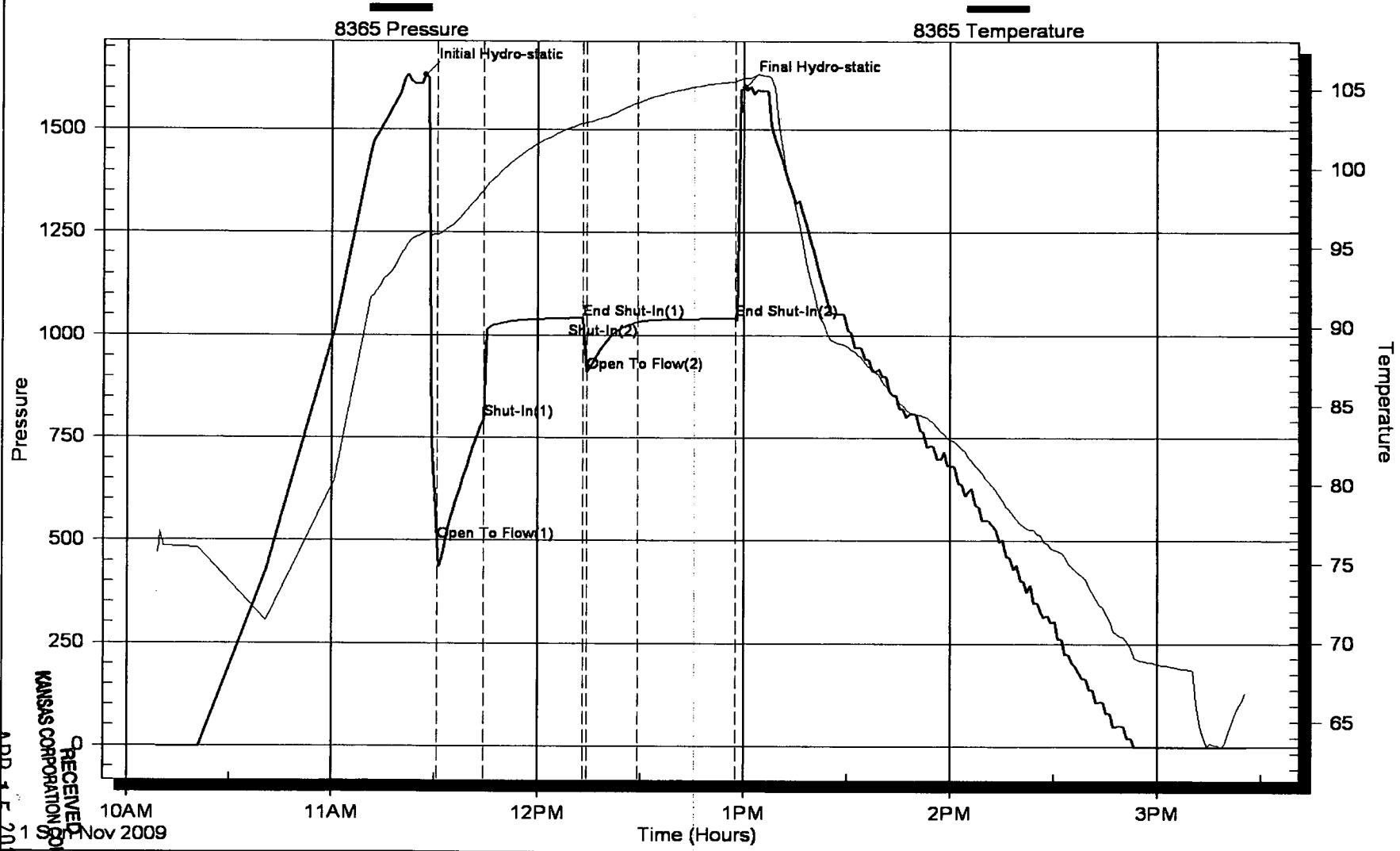
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .32 @ 75F

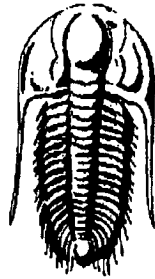
Pressure vs. Time



CONSERVATION DIVISION
WICHITA, KS

APR 15 2010

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KANSAS CORPORATION



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Black Diamond Oil Inc**

PO Box 641
Hays KS 67601-0641

ATTN: Ken Vehige

27 8S 19W Rooks KS

LT #1

Start Date: 2009.11.01 @ 15:37:37

End Date: 2009.11.01 @ 21:36:07

Job Ticket #: 36692 DST #: 2

Trilobite Testing, Inc

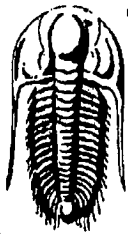
PO Box 1733 Hays, KS 67601

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

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**CONSERVATION DIVISION
WICHITA, KS**



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Black Diamond Oil Inc

LT #1

PO Box 641
Hays KS 67601-0641

27 8S 19W Rooks KS

Job Ticket: 36692

DST#: 2

ATTN: Ken Vehige

Test Start: 2009.11.01 @ 15:37:37

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:57:37

Time Test Ended: 21:36:07

Test Type: Conventional Straddle

Tester: Ray Schwager

Unit No: 42

Interval: **3105.00 ft (KB) To 3168.00 ft (KB) (TVD)**

Total Depth: 3428.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 1967.00 ft (KB)

1959.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: **8365**

Inside

Press@RunDepth: 115.89 psig @ 3116.01 ft (KB)

Start Date: 2009.11.01

End Date:

2009.11.01

Start Time: 15:37:42

End Time:

21:36:06

Capacity: 8000.00 psig

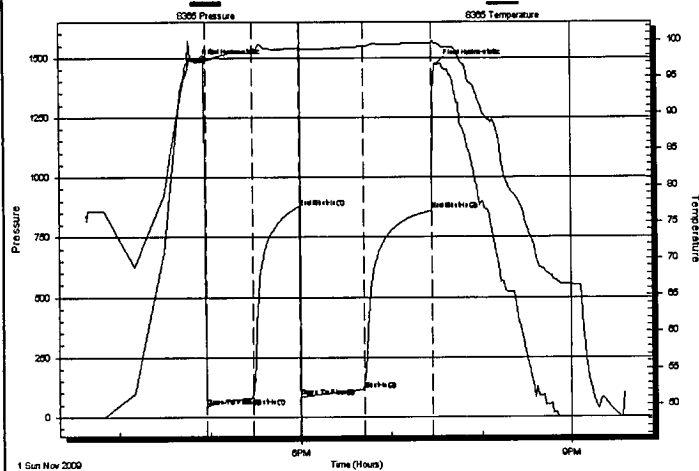
Last Calib.: 2009.11.01

Time On Btm: 2009.11.01 @ 16:51:07

Time Off Btm: 2009.11.01 @ 19:31:07

TEST COMMENT: IFP-wk to strg in 14 min
FFP-wk bl thru-out 1/4" to 2" bl
times 30-30-45-45
no bl on shut-in

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1480.67	97.36	Initial Hydro-static
7	43.56	97.15	Open To Flow (1)
37	80.07	98.24	Shut-In(1)
69	874.35	98.96	End Shut-In(1)
69	83.64	98.74	Open To Flow (2)
111	115.89	99.14	Shut-In(2)
157	859.97	99.62	End Shut-In(2)
160	1473.17	99.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	HOCM 20%O80%M	1.26
120.00	OCVM 7%O43%W50%M	1.68

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Black Diamond Oil Inc

LT #1

PO Box 641
Hays KS 67601-0641

27 8S 19W Rooks KS

Job Ticket: 36692

DST#: 2

ATTN: Ken Vehige

Test Start: 2009.11.01 @ 15:37:37

Tool Information

Drill Pipe:	Length: 3106.00 ft	Diameter: 3.80 inches	Volume: 43.57 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: 43.57 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3105.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	3168.01 ft			
Interval between Packers:	63.01 ft			
Tool Length:	348.02 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

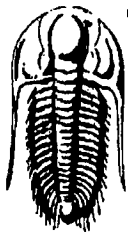
Change Over Sub	1.00			3085.00	
Shut In Tool	5.00			3090.00	
Hydraulic tool	5.00			3095.00	
Packer	5.00			3100.00	21.00 Bottom Of Top Packer
Packer	5.00			3105.00	
Stubb	1.00			3106.00	
Perforations	10.00			3116.00	
Recorder	0.01	8365	Inside	3116.01	
Blank Spacing	32.00			3148.01	
Perforations	16.00			3164.01	
Blank Off Sub	1.00			3165.01	
Blank Spacing	3.00			3168.01	63.01 Tool Interval
Packer	5.00			3173.01	
Stubb	1.00			3174.01	
Perforations	3.00			3177.01	
Recorder	0.01	6625	Below	3177.02	
Blank Spacing	252.00			3429.02	
Bullnose	3.00			3432.02	264.01 Bottom Packers & Anchor

Total Tool Length: 348.02

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Black Diamond Oil Inc

LT #1

PO Box 641
Hays KS 67601-0641

27 8S 19W Rooks KS

Job Ticket: 36692 DST#: 2

ATTN: Ken Vehige

Test Start: 2009.11.01 @ 15:37:37

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:	31000 ppm
Viscosity: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.72 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

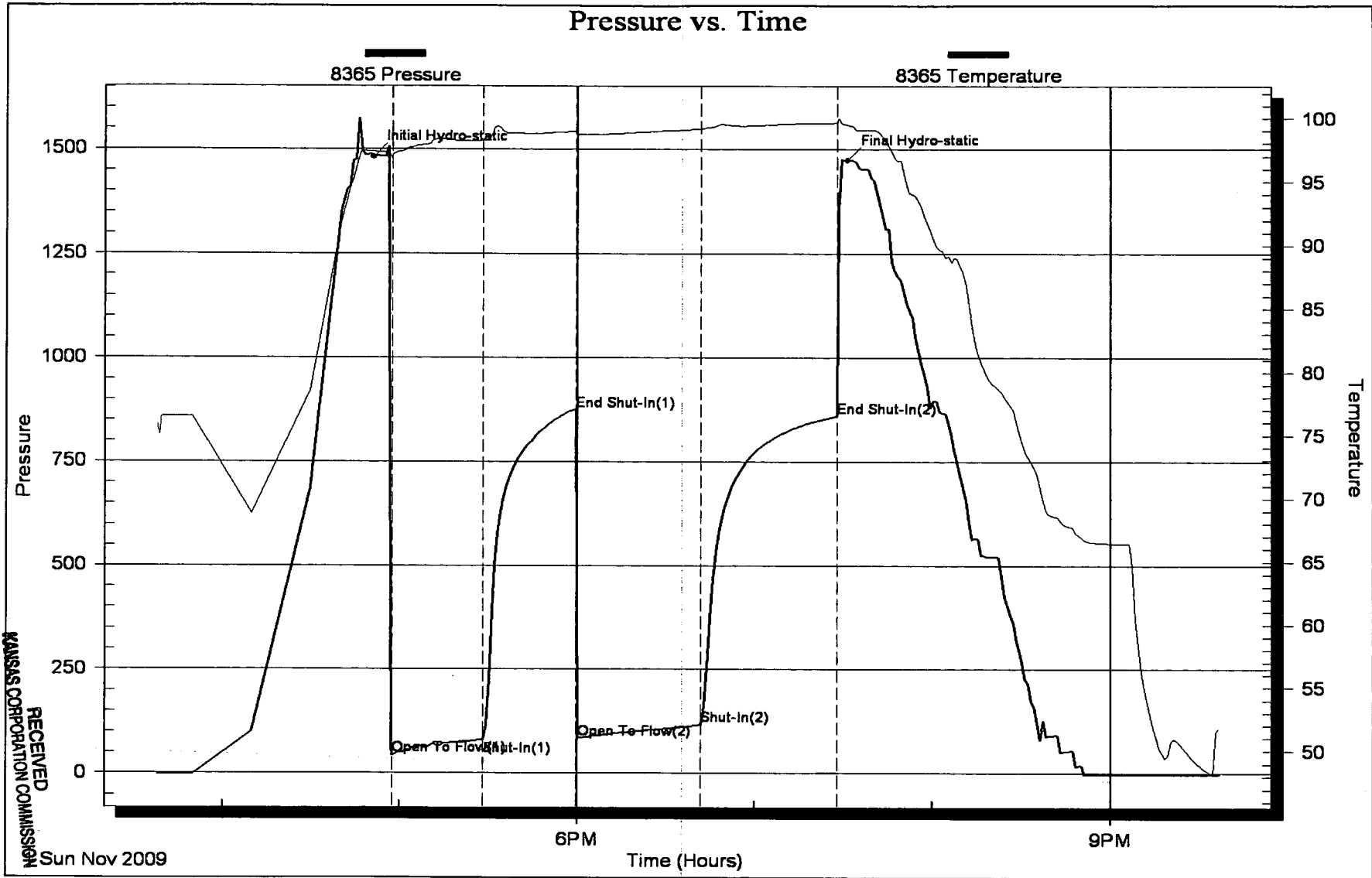
Length ft	Description	Volume bbl
90.00	HOCM 20%O80%M	1.262
120.00	OCWM 7%O43%W50%M	1.683

Total Length: 210.00 ft Total Volume: 2.945 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW.32 @ 50F



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Sun Nov 2009