

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

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: Discovery Drilling Co., Inc.  
License: 31548  
Wellsite Geologist: Kenneth Vehige

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: Rains & Williamson Oil Co., Inc.

Well Name: Jeffrey #1  
Original Comp. Date: 6/21/1967 Original Total Depth: 3415  
 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>7/30/2009</u>	<u>8/3/2009</u>	<u>9/3/2009</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 163-30, 174-00-02  
County: Rooks  
SW SW NE Sec. 27 Twp. 8 S. R. 19  East  West  
2310 feet from S (N) (circle one) Line of Section  
2310 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) (NE) SE NW SW  
Lease Name: Jeffrey Well #: 1  
Field Name: Webster  
Producing Formation: Arbuckle  
Elevation: Ground: 1937 Kelly Bushing: 1945  
Total Depth: 3485 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 270 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2066 Feet  
If Alternate II completion, cement circulated from 2066  
feet depth to Surface w/ 370 sx cmt.

Drilling Fluid Management Plan OWWO - AH II NR  
(Data must be collected from the Reserve Pit) 1-2-10  
Chloride content 14,000 ppm Fluid volume 240 bbls  
Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:  
Operator Name: Black Diamond Oil  
Lease Name: Veverka License No.: 7076  
Quarter 26 Sec. 26 Twp. 8 S. R. 19  East  West  
County: Rooks Docket No.: 22-285

\*\*Note: Got out of old hole @ 900-1000'

**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: 1-12-10  
Subscribed and sworn to before me this 12<sup>th</sup> day of January  
20 10  
Notary Public: [Signature]  
Date Commission Expires: 5/21/2011

NOTARIAL PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 5/21/2011

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
**JAN 14 2010**  
**KCC WICHITA**

Operator Name: Black Diamond Oil, Inc. Lease Name: Jeffrey 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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

Micro, Gamma Ray correlation

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Anhydrite	1363	
Topeka	2880	
Heebner	3090	
Toronto	3113	
Lansing KC	3130	
Base KC	3344	
Arbuckle	3374	

CASING RECORD <input checked="" 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
Prod. St.	7 7/8	5 1/2	14	3470	Common	160	10% Salt
port collar				2066	Common	370	6%MDC w/ 1/4# flowseal

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	3380-82	1500 gal 20% NE	

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TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8	3370	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
9/22/2009	<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
	12	0	38		28

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval: \_\_\_\_\_

# QUALITY OILWELL CEMENTING, INC.

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

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

No. 2010

Jeffery #1

Date	8/4/09	Sec.	27	Twp.	7	Range	19	County		State	KS	On Location		Finish	1:00 AM	
Lease	Well No.		1		Location		Wichita, KS									
Contractor	Quality Oilwell Cementing, Inc.							Owner								
Type Job	Well Cementing							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.		2485'		Charge To									
Csg.	14#		Depth		21160'		To									
Tbg. Size			Depth				Street									
Drill Pipe			Depth				City		State							
Tool			Depth		2082'		The above was done to satisfaction and supervision of owner agent or contractor.									
Cement Left in Csg.	17.07		Shoe Joint		17.57'		<b>CEMENT</b> Amount Ordered 110 @ 15.00 = 1650.00 Common 160 @ 10.00 = 1600.00 Poz. Mix Gel. Calcium Mills Salt 18 @ 12.50 = 225.00 Flowseal									
Press Max.			Minimum													
Meas Line			Displace		24.5											
Perf.																
<b>EQUIPMENT</b>																
Pumptrk	9	No.	Cementer													
			Helper													
Bulktrk	2	No.	Driver													
			Driver													
Bulktrk	4	No.	Driver													
			Driver													
<b>JOB SERVICES &amp; REMARKS</b>																
Pumptrk Charge	Road String		650.00													
Mileage	138 @ 6.00		228.00													
Footage																
		Total		878.00		Handling		178 @ 2.00								
Remarks:	Fence 500						Mileage						300.00			
								Pump Truck Charge						878.00		
<b>FLOAT EQUIPMENT</b>																
								Guide Shoe		1 Guide Shoe				325.00		
								Centralizer		07				250.00		
								Baskets						1150.00		
								AFU Inserts						325.00		
														1600.00		
								Rotating Head								
								Squeeze Mainfold								

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Tax	220.69
Discount	(1348.00)
<b>Total Charge</b>	<b>5611.69</b>

X Signature: J.C. M.

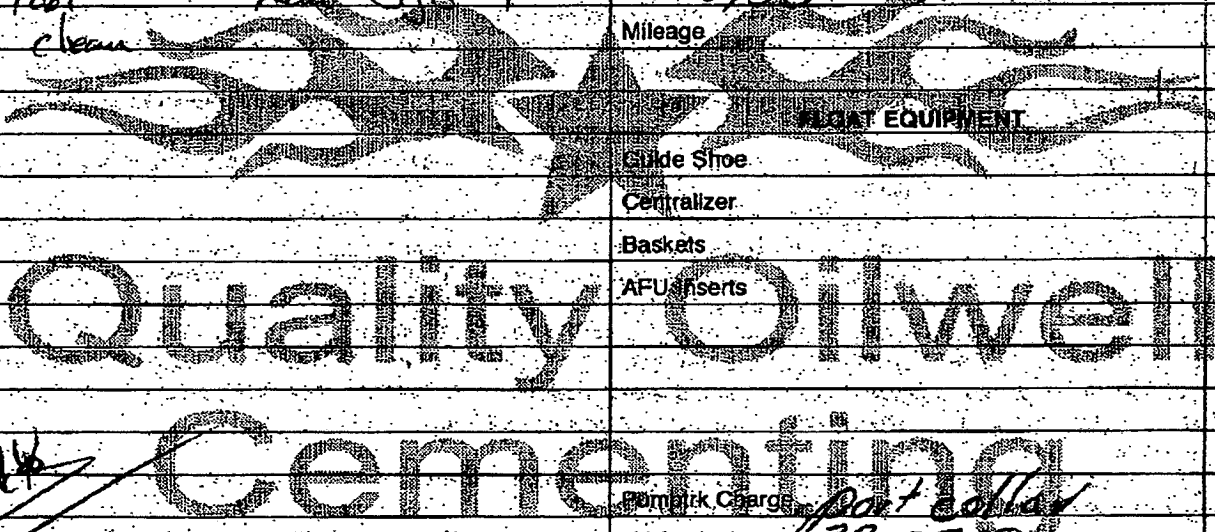
# QUALITY OILWELL CEMENTING, INC.

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

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

No. 3928

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-6-09				Rooks	Kansas		2:30pm
Lease <i>Solomon</i>	Well No. <i>1</i>		Location <i>Dwight W. 1E Sub</i>				
Contractor <i>Gaschler Well Service</i>				Owner			
Type Job <i>Part Collar</i>				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	T.D.			Charge To <i>Black Diamond Oil</i>			
Csg. <i>5 1/2</i>	Depth			Street			
Tbg. Size <i>2 3/8</i>	Depth			City			
Tool <i>Part Collar (Remnant)</i>	Depth <i>2066</i>			State			
Cement Left In Csg.	Shoe Joint			The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line	Displace <i>11 Bbl</i>			Used <i>380sx</i> CEMENT			
EQUIPMENT				Amount Ordered <i>450 Q.M.C. 1/4 Housal per st</i>			
Pumptrk <i>1</i>	No.	Cementor. <i>Steve</i>	Common <i>370 @ 14.00</i>				
Bulktrk <i>4</i>	No.	Driver <i>Blauder</i>	Poz. Mix.				
Bulktrk	No.	Driver <i>Rocky</i>	Gel.				
JOB SERVICES & REMARKS				Calcium			
Remarks: <i>Part Collar @ 2066</i>				Hulls			
<i>Turn hole over @ 2940</i>				Salt			
<i>Locate tool &amp; pressure casing to 1000 ps. Operated</i>				Flowseal <i>110 @ 2.00</i>			
<i>Break circulation Pump 800(Bbl) mud</i>				Handling <i>450 @ 2.00</i>			
<i>Mix 380sx &amp; circulate cement</i>				Mileage <i>700.00</i>			
<i>Close tool Run 5 ts &amp; wash clean</i>				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
				Remark Charge <i>part collar</i> <i>500.00</i>			
				Mileage <i>38.00</i>			
X Signature				Tax			
				Discount			
				Total Charge			



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CONTRACTOR  
**Discovery Drilling Co INC**

DATE: **Thurs. 7-30-09**  
 WELL NO. \_\_\_\_\_ RIG NO. **1**  
 D. P. STRING NO. \_\_\_\_\_ SIZE \_\_\_\_\_

DISTRICT \_\_\_\_\_ COUNTY **Rooks** STATE **Ks**

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						<b>Kenny Jones</b>	<b>8</b>
						<b>Dusty Rozan</b>	<b>8</b>
						<b>John Mehl</b>	<b>8</b>
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEC. OFF						<b>Terry Jones</b>	<b>8</b>

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		Visc.		CORING		SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: **7:00-3:00 Help set rig rig up pump yard water ect**  
**Get up pipe swap pipe**

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
<b>0</b>	<b>133</b>					<b>Lucy Mlinek</b>	<b>8</b>
						<b>Randy Sasgal</b>	<b>8</b>
						<b>Chuck Dick</b>	<b>8</b>
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEC. OFF						<b>Sgt Ramp</b>	<b>8</b>

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		Visc.		CORING		SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: **7:00-11:55 Rig up D:0075 2115 D.P. 2115 to 3:00 Work on Pump**  
**11:55 to 12:00 Rat Hole**

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
<b>133</b>	<b>768</b>					<b>Justin Bunting</b>	<b>8</b>
						<b>Corey Adamson</b>	<b>8</b>
						<b>John Mehl</b>	<b>8</b>
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEC. OFF						<b>Jason Showalter</b>	<b>8</b>

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		Visc.		CORING		SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: **3:00-4:00 Work on Pump 4:00 to 11:00 Washdown**

DAILY DRILLING REPORT  
 Rec'd 43-5 BOX 400 WICHITA, KS 67201  
 1-800-331-7290

CONTRACTOR  
**Discovery Drilling Co. Inc.**

DATE  
**7-31-09**

COMPANY  
**Blackdiamond onk**

LEASE  
**Jeffery**

WELL NO.  
**1**

RIG NO.  
**1**

DISTRICT

COUNTY  
**Rooks**

STATE  
**KS**

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
768	1075					DM KENNY JONES	8
						EM DUSTY ROZEAN	8
						(50) Chad Mayfield	8

SLOPE TEST		ACCIDENT: - (GIVE NAME)		H
°	FT			
DEC. OFF		(B AR Network)	(50) Terry James	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		VISC.		CORING		SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 1100-700 WASH DOWN

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1075	1360	Sandy Shale	90	3000	150	(50) Lon Williams	8
						EM Bonds, Baggell	8
						(50) Chuck Dick	8

SLOPE TEST		ACCIDENT: - (GIVE NAME)		H
°	FT			
DEC. OFF		(B AR Network)	(50) Sy 1 Rame	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	2 3/4	SIZE D. P.	
SIZE	7/8 RR	VISC.		CORING	3 1/4	SIZE COLL.	
MAKE	GXP200	WTR. LOSS-C.C.		OTHER	2 1/4	JTS. D. P.	FT.
SERIAL NO.	4151482	FILTER CAKE		REPAIRS	1	KELLY DOWN	FT.
DEPTH IN	1070	PH.		TRIP	2 1/4	COLLARS	FT.
HOURS RUN	2 3/4	MTL. ADDED (REMARKS)		W/DOR	1	TOTAL	FT.

REMARKS: 700 TO 8:00 Wash Down. 8:00 TO 8:15 Pull 19" Trip Line. Cut to Pick up Di. Hold in. Put in Gaps. 10:15 TO 12:15 B.R.D. 10:15 TO 12:15 Drill. 12:15 TO 12:30 Trip. 12:30 TO 12:45 Change P.D. 12:45 TO 1:15 Drill. 1:15 TO 2:00 Work on Auto Drill. on Drive 2:00 TO 3:00 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1360	1836	Sand & Shale	90	3000	650	(50) Justin Venting	8
						EM Cory Aderson	8
						Chad Mayfield	8

SLOPE TEST		ACCIDENT: - (GIVE NAME)		H
°	FT			
DEC. OFF		Frac Full	(50) Jason Showard	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	5 3/4	SIZE D. P.	25-Gel
SIZE	7/8 RR	VISC.		CORING	1 1/4	SIZE COLL.	7-C
MAKE	GXP200	WTR. LOSS-C.C.		OTHER	1 1/4	JTS. D. P.	1-L
SERIAL NO.	5151482	FILTER CAKE		REPAIRS	1 1/4	KELLY DOWN	2-SA
DEPTH IN	1070	PH.		TRIP	1 1/4	COLLARS	2-Hulls
HOURS RUN	8 1/2	MTL. ADDED (REMARKS)		Net	1 1/2	TOTAL	Bag Super 14 SK Pac

REMARKS: 3:00-3:30 Drill. 3:30-4:00 Trip. 4:00-4:30 Drill. 4:30-5:00 Trip. 5:00-5:30 Drill. 5:30-6:00 Trip. 6:00-6:30 Drill. 6:30-6:45 Lap basket & Auto Drill. 6:45-10:30 Drill. 10:30-10:45 Trip. 10:45-11:00 Drill.

DAILY DRILLING REPORT

CONTRACTOR  
 KROHLL 43-5  
 COMPANY  
 Black diamond OIL INC.  
 DISTRICT

DISCOVERY Drilling CO. INC.  
 LEASE  
 Jeffrey  
 COUNTY  
 ROOKS  
 STATE  
 KS

DATE  
 Sat  
 8/1 - 09  
 WELL NO.  
 1  
 RIG NO.  
 1  
 D. H. STRING NO.  
 SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES	NAME	HRS.
1836	2185	Shale	80	35000	700	Kenny Jones	8
						Jason Showalter	8
						John Mehl	8

ACCIDENT: - (GIVE NAME)  
 SLOPE TEST  
 @ FE.  
 DEG. OFF  
 (8 HRS Delayed) (25) Terry Jones 8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	6 1/2	SIZE D. P.	
SIZE	7/8	VISC.		CORING CON	1	SIZE COLL.	
MAKE	G&R DC	WTR. LOSS-C.C.		OTHER	VRB 1/4	JTS. D. P.	
SERIAL NO.	5151482	FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	1090	PH.		TRIP		COLLARS	
HOURS RUN	15	MTL. ADDED (REMARKS)		Jet	1/4	TOTAL	

REMARKS: 1100-1115 VR16 @ 1858 1115-530 Drill 530-545 @ 2142 Jet @ 545-700 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES	NAME	HRS.
2185	2470	Shale	80	40000	750	Larry M. ...	8
						John Mehl	8
						Chuck Dick	8

ACCIDENT: - (GIVE NAME)  
 SLOPE TEST  
 @ FE.  
 DEG. OFF  
 (7 HRS Delayed) (50) Sgt. ... 8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	3 3/4	SIZE D. P.	GEL-18
SIZE	7/8	VISC.		CORING CON	3/4	SIZE COLL.	S. ASH-2
MAKE	G&R DC	WTR. LOSS-C.C.		OTHER	V 1/4	JTS. D. P.	
SERIAL NO.	5151482	FILTER CAKE		REPAIRS	3/4	KELLY DOWN	
DEPTH IN	1090	PH.		TRIP		COLLARS	
HOURS RUN	20 3/4	MTL. ADDED (REMARKS)		Jet	1/4	TOTAL	

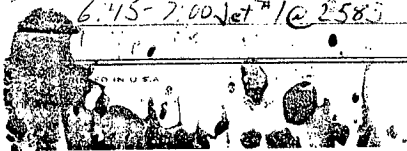
REMARKS: 7:00 to 7:30 Drill 7:30 to 7:07 hrs. ... 12:30 to 1:00 Jet @ 1:00 ... 1:00 to 1:30 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES	NAME	HRS.
2470	2708	Shale	80	40000	750	Justin Bunting	8
						Corey Adamson	8
						Chad ...	8

ACCIDENT: - (GIVE NAME)  
 SLOPE TEST  
 @ FE.  
 DEG. OFF  
 (50) Jason Showalter 8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	6	SIZE D. P.	7-Gel
SIZE	7/8	VISC.		CORING CON	3/4	SIZE COLL.	1-SA
MAKE	G&R DC	WTR. LOSS-C.C.		OTHER	V 1/4	JTS. D. P.	1-C
SERIAL NO.	5151482	FILTER CAKE		REPAIRS	3/4	KELLY DOWN	1-L
DEPTH IN	1090	PH.		TRIP		COLLARS	4-Hull
HOURS RUN	26 3/4	MTL. ADDED (REMARKS)		Jet	1/4	TOTAL	1 20 3/4 hrs

REMARKS: 2:00-3:30 Drill 3:30-3:45 Rig Up 3:45-5:15 Dr. 5:15-5:30 LHA Gasket 5:30-6:45 Dr. 6:45-7:00 Jet @ 2583 7:00-8:15 Dr. 8:15-9:15 Change ... 9:15-11:00 Dr.



APPROVED

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JAN 14 2010

KCC WICHITA

DAILY DRILLING REPORT

CONTRACTOR  
 Discovery Drilling Co. INC  
 BOX 899 TULSA OK 74101  
 1-800-431-7290

DATE  
 8-2-09

WELL NO.  
 1

RIG NO.  
 1

D.P. STRING NO.  
 1

SIZE

COMPANY  
 Black Diamond Oil Co

DISTRICT

LEASE  
 Jeffrey

COUNTY  
 Rooks

STATE  
 KS

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2708	2945	Shale & Lime	80	40000	750	Kenny Jones	8
						Justin Bunting	8
						Cory Adamson	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
DEG	OFF	1 TANK FOR VOLUME				Terry Jones	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	5 1/4	SIZE D.P.	Gel 25
SIZE	7 3/8 RP	VISC.		CORING	CON 3/4	SIZE COLL.	CON 1
MAKE	GX200	WTR. LOSS-C.C.		OTHER	V.P. 1/4	JTS. D.P.	1 FT.
SERIAL NO.	5151482	FILTER CAKE		REPAIRS	OV 1/4	KELLY DOWN	SODA 2 FT.
DEPTH IN	1090	PH.		TRIP		COLLAPS	CON 1/4 FT.
HOURS RUN	32 1/4	MTL. ADDED (REMARKS)		TRIP	Jet 1	TOTAL	HULL 2 FT.

REMARKS: 109-1145 Drill 1145-1215 @ 2739 Jet #1 / Clear out section / 1215-1230 Drill Displacement  
 1230-1245 Jet #1 @ 2746 1245-245 Drill Displacement 1245-100 @ 2759 Jet #1 Displaced  
 100-105 Drill 115-130 W.P.V. 130-700 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2945	3115	Shale & Lime	80	40000	750	Larry Malinck	8
						Randy Engvall	8
						Chuck Dick	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
DEG	OFF	(8 hrs delay)				Sgt Ramo	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	91 91	DRILLING	7	SIZE S.H. VIS	Gel 30
SIZE	7 3/8 SR	VISC.	24 50+	CORING	CON 1/2	SIZE COLL.	CAUST 2
MAKE	GX200	WTR. LOSS-C.C.		OTHER	1/4	JTS. D.P.	46-1 FT.
SERIAL NO.	5151482	FILTER CAKE		REPAIRS		KELLY DOWN	SASH-4 FT.
DEPTH IN	1090	PH.		TRIP		COLLAPS	DRIS-1/4 FT.
HOURS RUN	39 1/4	MTL. ADDED (REMARKS)		TRIP	Jet 1/2	TOTAL	HULL 26

REMARKS: 2007 7:15-8:00 2945 7:15-8:00 Drill 1150-2000 7:15-8:00 No hole well 8:00-11:00  
 1215-3100 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3115	3268	Shale & Lime	80	40000	750	Justin Bunting	8
						Cory Adamson	8
						Chuck Dick	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
DEG	OFF	(7 3/4 hrs delay)				Jason Showalter	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	91	DRILLING	7 1/4	SIZE D.P.	
SIZE	7 3/8 RB	VISC.	55+	CORING	CON 1/4	SIZE COLL.	
MAKE	GX200	WTR. LOSS-C.C.		OTHER	1/4	JTS. D.P.	
SERIAL NO.	5151482	FILTER CAKE		REPAIRS	1/4	KELLY DOWN	
DEPTH IN	1090	PH.		TRIP		COLLAPS	
HOURS RUN	46 1/2	MTL. ADDED (REMARKS)		TRIP		TOTAL	

REMARKS: 3:00-5:30 3115-3268 Displacement 3:00-5:00 3115-5:00 5:00-5:15 Rig Up 5:15-5:15

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DAILY DRILLING REPORT  
 HOOK UP TULSA OK 7101  
 43-5 1-810 331 7200

CONTRACTOR  
**Discovery Drilling CO INC**

DATE  
**MON. 8-3-09**

COMPANY  
**Black diamond OILLINE**

LEASEE  
**Jeffrey (OWND)**

WELL NO. **1** RIG NO. **1**

DISTRICT

COUNTY  
**ROOKS**

STATE  
**KS**

D. P. STRING NO. SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3268	3420	Shale & Limestone	80	40000	750	Kenny Jones	8
						Jason Showalter	8
						John Mehl	8

SLOPE TEST @ FT. DEG. OFF

ACCIDENT: - (GIVE NAME)

(8 hrs Daywork) Terry Jones 8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	2	WEIGHT		DRILLING	1 1/2	SIZE D. P.	
SIZE	7 3/8 RR	VISC.		CORING	CON 1/2	SIZE COLL.	
MAKE	6X20C	WTR. LOSS-C.C.		OTHER	V RIG 1/4	JTS. D. P.	FT.
SERIAL NO.	5151482	FILTER CAKE		REPAIR	PUPM 1/4	KELLY DOWN	FT.
DEPTH IN	1090	PH.		TRIP		COLLARS	FT.
HOURS RUN	52 1/2	MTL. ADDED (REMARKS)				TOTAL	HULLS 15 FT.

REMARKS: 11:00-11:50 V.R. 160 3268 11:50-5:30 Drill 530-545 & 3393 PUPM 545-700 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3420	3444	Arkansas	80	40000	400	Kerry Mlinck	8
	3444					Randy Baccoll	8
	3444	Superior				Stan Lovelady	8

SLOPE TEST @ FT. DEG. OFF

ACCIDENT: - (GIVE NAME)

(8 hrs Daywork) Sgt Ramp 8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	2	WEIGHT	9.3	DRILLING	1 1/2	SIZE D. P.	
SIZE	7 3/8 RR	VISC.	4 1/2	APPS/LGS	2 1/2	SIZE COLL.	
MAKE	G120E	WTR. LOSS-C.C.		OTHER	1 1/2	JTS. D. P.	FT.
SERIAL NO.	5151482	FILTER CAKE		REPAIR	1	KELLY DOWN	FT.
DEPTH IN	1890	PH.		TRIP	1	COLLARS	FT.
HOURS RUN	55	MTL. ADDED (REMARKS)		Loss	2	TOTAL	FT.

REMARKS: 7:00-7:45 Set Rig 7:45 TO 8:15 Drill 8:15 TO 9:00 V.S. Shale 9:00 TO 9:15 V.S. 9:15 TO 10:00 CASST 10:00 TO 12:30 S.S. Unload 5 1/2 CO/1 Log 12:30 TO 2:30 Logging, 2:30 TO 3:00 Trip in w/B;

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3444	3485	Arkansas	80	40000	800	Justin Bunting	8
ATO	3485					Cory Adanson	8
						Clad Mayfield	8

SLOPE TEST @ FT. DEG. OFF

ACCIDENT: - (GIVE NAME)

(8 hrs Daywork) Jason Showalter 8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	2	WEIGHT		DRILLING	1 1/4	SIZE D. P.	
SIZE	7 3/8 RR	VISC.		CORING	over 1	SIZE COLL.	
MAKE	6X20C	WTR. LOSS-C.C.		APPS 5/2	1	JTS. D. P.	FT.
SERIAL NO.	5151482	FILTER CAKE		REPAIR	1	KELLY DOWN	FT.
DEPTH IN	1090	PH.		TRIP	TAL 1/4	COLLARS	FT.
HOURS RUN	56 1/4	MTL. ADDED (REMARKS)		Loss	3	TOTAL	FT.

REMARKS: 3:00-3:45 TNW/B. 3:45-5:00 Dr 4 5:00-6:00 CTCH 6:00-9:00 Dr down w/B 9:00-10:00 Change over 10:00-11:00 Run 1/2

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JAN 14 2010

KCC WICHITA

DAILY DRILLING REPORT  
 KCC Form 43-5 (REV. 8-80) TULSA OK 74101  
 APR 3-1 7500

CONTRACTOR: **Discovery Drilling Co INC** DATE: **Tues 8-4-09**  
 COMPANY: **Black diamond OIL INC** LEASE: **Jeffrey (OWD)** WELL NO.: **1** RIG NO.: **1**  
 DISTRICT: COUNTY: **ROOKS** STATE: **Ks** D.P. STRING NO.: SIZE:

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3:45	7:00					KENNY JONES	8
		(2 1/2 hrs laydown)				DUSTY BOZEMAN	8
						JOHN MEHL	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
0	FT.	JOB COMPLETE @ 1:00 AM, 8/4/09					
DEC. OFF		RIG RELEASED @ 1:30 AM, 8/4/09				TERMY JONES	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT	VUN 5 1/2	DRILLING		SIZE D. P.	
SIZE		Visc.		CORING		SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)	CLIC	TOTAL			FT.

REMARKS: 1:00-1:30 VUN 5 1/2 1-4 P DOWN 60' 12" - 12" CONC 52, 12" 5' / 50' cement 52  
 1:00-1:30 SET SLIPS, 1:30-7:00 TEAR DOWN TOOLS.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
0	FT.						
DEC. OFF							

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		Visc.		CORING		SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)		TOTAL			FT.

REMARKS:

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
0	FT.						
DEC. OFF							

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		Visc.		CORING		SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)		TOTAL			FT.

REMARKS: