

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: 33575  
License: WW Drilling  
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>2/22/2008</u>	<u>2/26/2008</u>	<u>5/1/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 163-23693-00-00  
County: Rooks  
SE    NW    NE    NW    Sec. 32 Twp. 6 S. R. 20  East  West  
610 feet from S  (N) (circle one) Line of Section  
1800 feet from E  (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: McClurg Well #: 4-Twin  
Field Name: Tood  
Producing Formation: Lansing KC  
Elevation: Ground: 2245 Kelly Bushing: 2250  
Total Depth: 3665 Plug Back Total Depth: 3737  
Amount of Surface Pipe Set and Cemented at 221 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 3665 3765 feet depth to surface w/ 470 470 sx cmf  
*Alt 2 - Dg - 7/8/08*

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content 10000 ppm Fluid volume 400 bbls  
Dewatering method used Air Dry - Backfill  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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: 5-18-2008  
Subscribed and sworn to before me this 19th day of May  
20 08

Notary Public: Melissa L. Windholz  
Date Commission Expires: 5/21/2011  
NOTARY 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 **RECEIVED**  
 Geologist Report Received **KANSAS CORPORATION COMMISSION**  
 UIC Distribution **MAY 20 2008**  
**CONSERVATION DIVISION**  
**WICHITA, KS**

Operator Name: Black Diamond Oil, Inc. Lease Name: McClurg Well #: 4-Twin  
 Sec. 32 Twp. 6 S. R. 20  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 type="checkbox"/> Yes <input checked="" 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:  <b>Micro, Compensated density, dual induction, gamma ray correlation</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1854</td> <td>+401</td> </tr> <tr> <td>Topeka</td> <td>3229</td> <td>-979</td> </tr> <tr> <td>Heebner</td> <td>3435</td> <td>-1185</td> </tr> <tr> <td>Lansing KC</td> <td>3471</td> <td>-1221</td> </tr> <tr> <td>BKC</td> <td>3566</td> <td>-1416</td> </tr> <tr> <td>Arbuckle</td> <td>3702</td> <td>-1452</td> </tr> </table>	Name	Top	Datum	Anhydrite	1854	+401	Topeka	3229	-979	Heebner	3435	-1185	Lansing KC	3471	-1221	BKC	3566	-1416	Arbuckle	3702	-1452
Name	Top	Datum																				
Anhydrite	1854	+401																				
Topeka	3229	-979																				
Heebner	3435	-1185																				
Lansing KC	3471	-1221																				
BKC	3566	-1416																				
Arbuckle	3702	-1452																				

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 Pipe	12 1/4"	8 5/8	23	221	Common	170	3 % CC 2% gel
Production	7 7/8	5 1/2	14	3758	SMD	470	

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	3712.5 - 3714.5 (Bridge Plug)	250 gal 15% MCA	3700
4	3654-56, 3625-30 & 3600-02 each with	250 gal 15% MCA	
4	3550-52	250 gals 15% & 750 gels 28%	
4	3512.5 - 14.5	250 gals 15% MCA	
4, 4	3474-77, 3458-60	250 gals 15% MCA + 750 gals 28%, 250 gals 15% MCA + 750 gals 20%	

TUBING RECORD	Size Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 7/8 3680		

Date of First, Resumerd Production, SWD or Enhr. 5/8/2008	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	50	0	30		34

Disposition of Gas <input checked="" 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval
--	--	---------------------

**RECEIVED**  
KANSAS CORPORATION COMMISSION

**MAY 20 2008**

CONSERVATION DIVISION  
WICHITA, KS

**JOB LOG**

**SWIFT Services, Inc.**

DATE 2-27-08 PAGE NO. 2

CUSTOMER Black Diamond Oil Co. WELL NO. #4-Twin LEASE McClurg JOB TYPE Cement Longstring TICKET NO. 13415

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0700							on loc w/FE
								RTD 3765'
								5 1/2" X 3758' X 22' X 14 #
								Cent. 2, 4, 6, 9, 12, 46
								Basket 3, 10, 47
	0730							start FE
								Break Circ.
	0945	2	3					Plug RH
	0950	4	0					start Preflush 500gal Mudflush
	0953	5	12/0					start Cement 470 sks SMD
	1040	5	205/29					End Cement
								Wash P/L
								Drop Plug
	1045	6.5	0					start Displacement
	1051	5.5	40					Catch Cement
	1100		91.5					Land Plug
								Release Pressure
								Flat Held
								circ 150 sks to pit

RECEIVED  
KANSAS CORPORATION COMMISSION

MAY 20 2008

CONSERVATION DIVISION  
WICHITA, KS

Thank you

Nick, Josh F. + Ryan



CHARGE TO: Black Diamond Oil Co.  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

TICKET  
 No 13415

PAGE 1 OF 1

SERVICE LOCATIONS  
 1. Hays, Ks.  
 2. Ness City, Ks.  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_

WELL/PROJECT NO. #4-Twin  
 LEASE McClurg  
 COUNTY/PARISH Rook  
 STATE Ks  
 CITY \_\_\_\_\_  
 DATE 2-27-08  
 OWNER Same

TICKET TYPE  SERVICE  SALES  
 CONTRACTOR W & W Drilling #4  
 RIG NAME/NO. \_\_\_\_\_  
 SHIPPED VIA ELT  
 DELIVERED TO Location  
 ORDER NO. \_\_\_\_\_

WELL TYPE \_\_\_\_\_  
 WELL CATEGORY oil  
 WELL PERMIT NO. \_\_\_\_\_  
 WELL LOCATION \_\_\_\_\_

INVOICE INSTRUCTIONS Development Cement Logging

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			UM			
575		1			MILEAGE #103	70	mi	4	00	280 00
578		1			Pumpcharge (longstring)	1	ea	3765	00	1250 00
281		1			Mudflush	500	gal		75	375 00
402		1			Centralizer	6	ea	5 1/2	00	600 00
403		1			Basket	3	ea		300	900 00
406		1			LD Plug & Baffle	1	ea		275	275 00
407		1			Insert Float Shoe w/ fill	1	ea		310	310 00
419		1			Rotating Head	1	ea		250	250 00
330		2			SMD Cement	470	shs		15	7050 00
276		2			Flarels	120	#		1 25	150 00
581		2			Cement Service Charge	470	shs		1 25	587 50
583		2			Drayage	1608	15 KM		1 00	1608 15

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO PART OF WORK OR DELIVERY OF GOODS

SIGNED Doc Fisher TIME SIGNED 1130  
 A.M.  P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				1,3595 65
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL

Rocks TAX 5.3%  
 5.23 11  
 14,118 76

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

OPERATOR W. K. Koke APPROVAL \_\_\_\_\_

Thank You!

# ALLIED CEMENTING CO., LLC. 30171

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

SERVICE POINT:  
Russell KS

DATE <u>2-22-08</u>	SEC. <u>32</u>	TWP. <u>6</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>McClurg</u>	WELL # <u>4 twin</u>		LOCATION <u>Damar KS North to stop began</u>			COUNTY <u>Rooks</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>Rd 3 North 1 East 3 1/2 North West into</u>				

CONTRACTOR WJW Drilling Rig #4  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 221'  
 CASING SIZE 8 5/8 23# DEPTH 220.61'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 15'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 13.09 Bbl

OWNER \_\_\_\_\_  
 CEMENT AMOUNT ORDERED 170 com 39 cc 29 gal

EQUIPMENT  
 PUMP TRUCK CEMENTER John Roberts  
 # 409 HELPER Adrian  
 BULK TRUCK  
 # 378 DRIVER Doug  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON \_\_\_\_\_ @ \_\_\_\_\_  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL \_\_\_\_\_ @ \_\_\_\_\_  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
 ASC \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_

**REMARKS:**

TOTAL \_\_\_\_\_

**SERVICE**

DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
8 7/8 Wood Plug @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

CHARGE TO: Black Diamond Oil, Inc  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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

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.  
 Thanks!

PRINTED NAME \_\_\_\_\_  
 SIGNATURE Kelby Stett

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 MAY 20 2008  
 CONSERVATION DIVISION  
 WICHITA, KS

DAILY DRILLING REPORT  
43

CONTRACTOR: W W Drilling LLC DATE: 2-22-2008  
 COMPANY: Black Diamond Oil LEASE: McClurg WELL NO.: #4-Twin RIG NO.: 4  
 DISTRICT: Roake COUNTY: Kansas STATE: Kansas D. P. STRING NO.:  SIZE:

7-4

RECEIVED  
KANSAS CORPORATION COMMISSION  
MAY 20 2008  
CONSERVATION DIVISION  
WICHITA, KS

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM John McCovey	8
						EM John Heifner	8
						H Will McSherry	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: Ring up mix mud

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM Scott Buchholz	8
						EM Dave Owens	8
						H Chris Keen	8

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

REMARKS: 9:00-1:45 SKID RIG AHEAD 30' 1:45-2:45 RIG UP  
2:45-3:00 DCLG (Rat Hole)

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
	221	Sand soil	100	911	400	DM Jan N. ...	8
						EM Carl Green	8
						H Cliff Craig	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	1	WEIGHT	5	DRILLING	2 1/2	SIZE D. P.	
SIZE	1 7/8	VISC.		CORING		SIZE COLL.	
MAKE	HTC	WTR. LOSS.C.C.	9 M	OTHER		JTS. D. P.	FT.
SERIAL NO.	B22183	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.	4 1/2	TRIP		COLLARS	FT.
HOURS RUN	2 1/2	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 3:00-3:15 DCL RIG 3:15-5:45 DCL 1 7/8 Hole 5:45-8:15  
CIP, JTS, REPAIRS + cement 8:15-11:00 VISC.

DAILY DRILLING REPORT

43  
 CONTRACTOR: W W Drilling  
 DATE: 2-23-08  
 COMPANY: Black Diamond  
 WELL NO.: #4444  
 RIG NO.: 4  
 DISTRICT: McClurg  
 COUNTY: Rocks  
 STATE: KS  
 O. P. STRING NO.:  
 SIZE:

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
221	221					John McCoy	8
						Colby Rencelara	8
						John J. Herbert	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)					
⊙	FT.	2 1/2 Co. T. (Landing)					
DEG. OFF				DRLR: Will Malcom			8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	71	WEIGHT		DRILLING		SIZE D. P.	
SIZE	7 3/8	VISC.		CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	PJ 7869	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 11:00 - 7:00 vac

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
221	690	Sand & Shale	15	10000	400	J.D. Hafinger	8
						David Owens	8
						Chris Kuen	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)					
⊙	FT.	1 1/4 Co. T. (Landing)					
DEG. OFF				DRLR: Pauline DeLoach			8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	71	WEIGHT	86/58	DRILLING	6 1/4	SIZE D. P.	
SIZE	7 7/8	VISC.	1/200/38	CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	FT.
SERIAL NO.	152860	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP	1/4	COLLARS	FT.
HOURS RUN	6 1/2	MTL. ADDED (REMARKS)			1 1/4	TOTAL	FT.

REMARKS: Down 2 1/2 hrs vac 8:15-8:30 Delg. Central P. g 8:30-1:15 Delg. 1:15-1:30 Rig / Exchange Ball. Final Filters on PUMP motor 1:30-3:00 Delg.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
690	1290	Sand - Shale	900	18000	675	Jon Neodamus	8
						G. L. Green	8
						SA Clayton Camp	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)					
⊙	FT.	Gel 40 SA-2 cu 1					
DEG. OFF		Landing		DRLR: Rocky Hill			8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	91	DRILLING	2 7/8	SIZE D. P.	
SIZE	7 3/8	VISC.	28	CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	PJ 7869	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP		COLLARS	FT.
HOURS RUN	1 1/2	MTL. ADDED (REMARKS)			1 1/2	TOTAL	FT.

REMARKS: 3:00 - 11:00 Delg. 255 1/2 hr Set 1 1/2

DAILY DRILLING REPORT

43

CONTRACTOR

W W Drilling

DATE

2-22-08

COMPANY

Black Diamond

LEASE

McClurg

WELL NO.

#47

RIG NO.

41

DISTRICT

COUNTY

ROOKS

STATE

KS

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
1290	1375	sand & shale	8790	2500	650	DM	John McCoy	8
1375	1585	Cedar Hills				EM	Colby Renzelman	8
1585	1885	ANNY/1885				H	John J. Hartner	8
SLOPE TEST		ACCIDENT:- (GIVE NAME)				H		
@	FT.							
DEC. OFF								
						DRLR	Will Matlock	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	318	DRILLING	75	SIZE D. P.	
SIZE	7 7/8	VISC.	31	CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	217869	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP	1Rg by 1/4	COLLARS	FT.
HOURS RUN	2 1/2	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 11:00-3:45 Drlg 3:15-3:45 Jet #1 & 1/4 3:45-7:00 Drlg

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
1875	1886	11-ly	85	2500	650	DM	Scott Buchholz	8
1886	2293	Sand shale	85	2500	650	EM	Dave Owens	8
SLOPE TEST		ACCIDENT:- (GIVE NAME)				H		
@	FT.	57 gal - 6 sand shale - 3 cement						
DEC. OFF		3 minutes - 6 1/2 shale - 3 hydro						
						DRLR	Robert D. D...	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	29 1/2	DRILLING	7 3/4	SIZE D. P.	
SIZE	7 7/8	VISC.	30 1/2	CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	217869	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP		COLLARS	FT.
HOURS RUN	2 1/4	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 7:00-9:30 Drlg 9:30-9:45 Rig 1 & Jet #1 9:45-3:00 Drlg  
(Flack Tank is Full @ 1:00)

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
2293	2625	sand shale	470	3200	775	DM	Jon Neidmas	8
SLOPE TEST		ACCIDENT:- (GIVE NAME)				H		
@	FT.	Get - 5 min under						
DEC. OFF		1/2 min						
						DRLR	Will Matlock	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	7 3/4	SIZE D. P.	
SIZE	7 7/8	VISC.		CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	217869	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP		COLLARS	FT.
HOURS RUN	3 1/2	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 3:00-11:00 Drlg 11:55 4 min repair under jet #1 11:55

Kelly Sturt



DAILY DRILLING REPORT  
43

CONTRACTOR **W W Drilling** DATE **2-25-08**  
 COMPANY **Black Diamond** LEASE **McClurg** WELL NO. **#4 turn** RIG NO. **4**  
 DISTRICT COUNTY **Rooks** STATE **Ks** D. P. STRING NO. SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2625	2900	sand + shale	5740	34000	750	John McCouy	8
						Colby Benzler	8
						John J. Heffner	8
SLOPE TEST		ACCIDENT: - (GIVE NAME) <b>mud up</b>					
@	FT.	<b>415 x 1 6 Hull 6 Sa 3 Lig</b>					
DEG. OFF		<b>3 cav 1 1/2 Pic</b>		DRLR <b>Will Mauls</b>			8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	<b>#2</b>	WEIGHT		DRILLING	<b>634</b>	SIZE D. P.	
SIZE	<b>7 7/8</b>	VISC.		CORING		SIZE COLL.	
MAKE	<b>Smith</b>	WTR. LOSS-C.C.		OTHER	<b>1/2</b>	JTS. D. P.	FT.
SERIAL NO.	<b>1217869</b>	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	<b>221</b>	PH.		TRIP	<b>1 R 5 1/4</b>	COLLARS	FT.
HOURS RUN	<b>43 3/4</b>	MTL. ADDED (REMARKS)			<b>Displace 1</b>	TOTAL	FT.

REMARKS: **11:00-11:45 Drlg 11:45-12:00-2nd #2 v Rig 12:00-5:00 Drlg 5:00-5:45 - clean station & set #1 collar 5:45-6:15 Drlg 6:15-6:30 set #1 6:30-7:00 Drlg**

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2900	3163	Sand-Shale	85	35000	800	Scott Buchhaber	8
						Dave Owens	8
						Chris Keen	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF				DRLR <b>JD Hallier</b>			8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	<b>2</b>	WEIGHT	<b>3.9</b>	DRILLING	<b>7</b>	SIZE D. P.	
SIZE	<b>7 7/8</b>	VISC.	<b>54</b>	CORING		SIZE COLL.	
MAKE	<b>Smith</b>	WTR. LOSS-C.C.		OTHER	<b>1/2</b>	JTS. D. P.	FT.
SERIAL NO.	<b>1217869</b>	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	<b>221</b>	PH.		TRIP		COLLARS	FT.
HOURS RUN	<b>20 3/4</b>	MTL. ADDED (REMARKS)			<b>1000 3 1/4</b>	TOTAL	FT.

REMARKS: **7:00-10:45 Drlg 10:45-11:00 was out sample box 11:00-2:30 Drlg 2:30-5:00 WAD v hand 4 wash**

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3163	3340	Shale - Line	85	38000	400	JON N. edemis	8
						Col Green	8
						Art Mac...	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF				DRLR <b>Ricky Hilgans</b>			8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	<b>2</b>	WEIGHT	<b>4.1</b>	DRILLING	<b>7 1/2</b>	SIZE D. P.	
SIZE	<b>7 7/8</b>	VISC.	<b>53</b>	CORING		SIZE COLL.	
MAKE	<b>Smith</b>	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	<b>1217869</b>	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	<b>221</b>	PH.		TRIP		COLLARS	FT.
HOURS RUN	<b>52 1/4</b>	MTL. ADDED (REMARKS)			<b>wat 1 1/2</b>	TOTAL	FT.

REMARKS: **3:00-3:30 waf change pt side Hat 1 R 1/2 3:30-11:00 Drlg**

DAILY DRILLING REPORT

43

CONTRACTOR <i>W W Drilling</i>	DATE <i>2-26-08</i>
COMPANY <i>Black Diamond</i>	WELL NO. <i>#4 turn</i>
LEASE <i>McClurg</i>	RIG NO. <i>4</i>
DISTRICT	D. P. STRING NO.
COUNTY <i>Roarks</i>	STATE <i>KS</i>

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3390	3560	shale & lime	85	3800	850	John McCoy	8
						Colby Benzelman	8
						John J. Hartace	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
Ø	FT.	<i>1 Bull 150</i>					
DEG. OFF				DRLR <i>W W McClurg</i>		8	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	<i>#2</i>	WEIGHT	<i>4.2</i>	DRILLING	<i>731</i>	SIZE D. P.	
SIZE	<i>7 7/8</i>	VISC.	<i>57</i>	CORING		SIZE COLL.	
MAKE	<i>Smith</i>	WTR. LOSS-C.C.	<i>2.114</i>	OTHER		JTS. D. P.	FT.
SERIAL NO.	<i>DJ 7879</i>	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	<i>221</i>	PH.		TRIP		COLLARS	FT.
HOURS RUN	<i>66</i>	MTL. ADDED (REMARKS)	<i>Packed with 1/2" bit</i>			TOTAL	FT.

REMARKS: *11:00 - 4:15 Doly 4:15 - 4:30 pull mud & V.R.g 4:30 - 7:00 D. Is*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3560	3749	shale lime	85	3500	900	Scott Zurbala	8
						Dave Owens	8
						Clifford Craig	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
Ø	FT.	<i>15 Grit 3 SA 11g</i>					
DEG. OFF		<i>1 cup 10-14-11</i>		DRLR <i>J D Hall</i>		8	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	<i>2</i>	WEIGHT		DRILLING	<i>712</i>	SIZE D. P.	
SIZE	<i>7 7/8</i>	VISC.		CORING		SIZE COLL.	
MAKE	<i>Smith</i>	WTR. LOSS-C.C.		OTHER	<i>1/4</i>	JTS. D. P.	FT.
SERIAL NO.	<i>DJ 7879</i>	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	<i>221</i>	PH.		TRIP		COLLARS	FT.
HOURS RUN	<i>73 1/2</i>	MTL. ADDED (REMARKS)			<i>400 1/4</i>	TOTAL	FT.

REMARKS: *7:00 - 8:45 Doly 8:45 9:00 R.g.v 9:00 - 10:00 Doly 10:00 - 10:15 W/O P 10:15 - 3:00 Doly*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3749	3765	shale & lime	85		925	Jon Neill	8
RTD	3765					Cliff Craig	8
LTD	3765					Art Mac	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
Ø	FT.						
DEG. OFF		<i>(7 1/2 in 4-3)</i>		DRLR <i>S. J. H. H. H.</i>		8	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	<i>2</i>	WEIGHT	<i>2.2</i>	DRILLING	<i>1/2</i>	SIZE D. P.	
SIZE	<i>7 7/8</i>	VISC.	<i>63</i>	CORING	<i>2</i>	SIZE COLL.	
MAKE	<i>Smith</i>	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	<i>DJ 7879</i>	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	<i>21</i>	PH.	<i>1/4</i>	TRIP	<i>34</i>	COLLARS	FT.
HOURS RUN	<i>74</i>	MTL. ADDED (REMARKS)			<i>7 1/4</i>	TOTAL	FT.

REMARKS: *3:00 - 3:30 Doly 3:30 - 4:30 CFS @ 3765 TO 4:00 4:15 Start P 21 stands 6:15 - 7:15 catch 7:15 - 8:45 Trip out for logs 8:45 - 11:00 loss on surface*

DAILY DRILLING REPORT  
43

CONTRACTOR <b>W W Drilling</b>	DATE <b>2-27-08</b>
COMPANY <b>Black Diamond</b>	LEASE <b>McClurg</b>
DISTRICT	WELL NO. <b>4</b>
COUNTY <b>Kooks</b>	RIG NO. <b>4</b>
STATE <b>Ks</b>	D. P. STRING NO.
	SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3765	TD					John McCouy	8
3765	LED					Colby Renschman	8
						John J Heitner	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)					
@	FT.						
DEG. OFF		<b>1 1/2 hr Co time</b>		DRLR		<b>Will McLeary</b>	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE	<b>7 1/8</b>	VISC.		CORING	<b>1 1/2</b>	SIZE COLL.	
MAKE	<b>Smith</b>	WTR. LOSS-C.C.		OTHER		JTB. D. P.	FT.
SERIAL NO.	<b>RJ7879</b>	FILTER CAKE		REPAIRS	<b>1 1/2</b>	KELLY DOWN	FT.
DEPTH IN	<b>224</b>	PH.		TRIP		COLLARS	FT.
HOURS RUN	<b>74</b>	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 11:00 - 12:30 Logging w Superior 12:30 - 2:15 trip in w bit 2:15 - 5:15 CTRH 3:15 - 6:15 Lay down pipe & collars w 1/2 hr Fix elevators 6:15 - 7:00 Change over to run 5 1/2 casing

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3765	TD					Scott Beckwith	8
						Dave Adams	8
						Clifton Craig	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)					
@	FT.	<b>PLUG DOWN e 11w</b>					
DEG. OFF		<b>RJG RELEASES e 11w pm</b>		DRLR		<b>JD Hatlinger</b>	8
		<b>16 hrs. Cont. m.c.</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		JTB. 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 - 7:30 Rig up casing crew 7:30 - 9:15 Run 5 1/2 long string 9:15 - 11:00 rig up cement casing 11:00 - 3:00 Rebits 11:00 - 3:00 Rig down

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						Jon Nicodamus	8
						Gil Green	8
						Ant Marcotte	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)					
@	FT.						
DEG. OFF				DRLR		<b>Ricky Hilgers</b>	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		JTB. 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: 11:00 - 7:00 tear down move Rig