

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: PO Box 641  
Hays, Kansas 67601  
City/State/Zip: Hays, Kansas 67601  
Purchaser: None  
Operator Contact Person: Kenneth Vehige  
Phone: (785) 625-5891  
Contractor: Name: WW Drilling, LLC  
License: 33575  
Wellsite Geologist: Tony Richardson

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: \_\_\_\_\_  
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. \_\_\_\_\_

2/15/2008	2/19/008	2/21/2008
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 163-23689-00-00  
County: Rooks

W/2 NE NW Sec. 32 Twp. 6 S. R. 20  East  West  
610 feet from S / N (circle one) Line of Section  
1770 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  
Field Name: Todd

Producing Formation: None  
Elevation: Ground: 2245 Kelly Bushing: 2250

Total Depth: 3478 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 219 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 1875  
feet depth to 0 Alt 2 - Dlg 6/18/08 190 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)

Chloride content 12,000 ppm Fluid volume 400 bbls  
Dewatering method used Air Dry - Back Fill

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: 4/28/08

Subscribed and sworn to before me this 28<sup>th</sup> day of April

2008

Notary Public: Melissa Windholz

**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received **RECEIVED**  
KANSAS CORPORATION COMMISSION

UIC Distribution

**APR 29 2008**

NOTARY PUBLIC  
MELISSA WINDHOLZ  
Date Commission Expires: 5/21/2011  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 5/21/2011

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Black Diamond Oil, Inc. Lease Name: McClurg Well #: 4  
 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  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:

<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Name	Top	Datum
Anhydrite	854	+396
Topeka	3234	-984
Heebner	3440	-1190
Toronto	3462	-1212

**CASING RECORD**  New  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 (Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run
				<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
	<input type="checkbox"/> Flowing <input 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

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**APR 29 2008**  
 CONSERVATION DIVISION  
 WICHITA, KS

**WW Drilling, LLC  
WaKeeney, KS  
Well Plugging Orders**

Operator: Black Diamond Oil, Inc. License # 7076  
Address: PO Box 641 - Hays, Kansas 67601

API # 15-163-23689-00-00

Lease Name: McClurg # 4

Legals: 610' FNL & 1770' FWL, Sec 32-6s-20w

County: \_\_\_\_\_

Plug #	Sx.		Feet
1st	<u>25</u>	@	<u>1875</u>
2nd	<u>100</u>	@	<u>1150</u>
3rd	<u>40</u>	@	<u>275</u>
4th	<u>10</u>	@	<u>40</u>
5th	_____	@	_____
Rathole	<u>15</u>		
Mousehole	_____		
Total:	<u>190</u>		

Type: 60/40 Poz - 4% Gel - 1/4 # per sx flo-seal

Spud Report: Herb Deines Date: 2/14/2008 Time: 8:10 AM

Orders From: Herb Deines Date: 2/19/2008 Time: 3:00 PM

Reported to: Herb Deines Date: 2/21/2008 Time: 4:15 PM

Results: D & A

DAILY DRILLING REPORT

43  
 CONTRACTOR: *W W Drilling*  
 COMPANY: *Black Diamond*  
 LEASE: *McClurg*  
 DATE: *2-14-08*  
 WELL NO.: *4*  
 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.
						DM <i>John McCouy</i>	8
						EM <i>Colby Renselmann</i>	8
						H <i>(Signature)</i>	
						H <i>(Signature)</i>	
SLOPE TEST		ACCIDENT:-- (GIVE NAME)					
@	FT.	<i>Move Rig + P, UP</i>					
	DEG. OFF	<i>50 gal</i>				DRLR <i>Will McLean</i>	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:

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM <i>(Signature)</i>	8
						EM <i>(Signature)</i>	8
						H <i>(Signature)</i>	
						H <i>(Signature)</i>	
SLOPE TEST		ACCIDENT:-- (GIVE NAME)					
@	FT.						
	DEG. OFF					DRLR <i>(Signature)</i>	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: *Drill 11:00 and Rig out. Move Rig 11:00-3:00 Rig Up*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM <i>Jon Nicodemus</i>	8
						EM <i>Gil Green</i>	8
						H <i>Art Marcotte</i>	8
						H <i>(Signature)</i>	
SLOPE TEST		ACCIDENT:-- (GIVE NAME)					
@	FT.						
	DEG. OFF					DRLR <i>W D Hoelger</i>	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: *3:00-11:00 W.D.R. mix mud*

DAILY DRILLING REPORT

43  
 COMPANY *W.D. Dalg. L.L.C.*  
 COUNTY *Black Diamond* STATE *McClary*  
 DATE *7-25-2008*  
 WELLS NO. *11* HIG NO. *4*  
 D. P. STRING NO. *4* SIZE *4*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						<i>Colby Reaction</i>	<i>8</i>
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. 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: *17:00 3:00 m/r mod + set surface*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
<i>-0</i>	<i>220</i>	<i>10.1 Sand Shale</i>	<i>100</i>	<i>411</i>	<i>450</i>	<i>Scott Buchholz</i>	<i>5</i>
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	220' FT.						
DEG. OFF							

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	<i>41</i>	WEIGHT		DRILLING	<i>234</i>	SIZE D. P.	
SIZE	<i>12 1/4</i>	VISC.		CORING		SIZE COLL.	
MAKE	<i>HTC</i>	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	<i>522183</i>	FILTER CAKE		REPAIRS	<i>200</i>	KELLY DOWN	FT.
DEPTH IN	<i>-0</i>	PH.		TRIP	<i>1 3/4</i>	COLLARS	FT.
HOURS RUN	<i>234</i>	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: *9:00-8:30 Dalg Pat Hotel (2 up) 8:30 11:15 Dalg Surface 11:15-1:00 C.T.C.H. Jet Center Drop Survey & Teamwork. 1:00-3:00 WOC*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
<i>220</i>	<i>350</i>	<i>Sand-Shale</i>	<i>75</i>	<i>16.000</i>		<i>Jon Nicodemus</i>	<i>8</i>
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF							

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	<i>2</i>	WEIGHT		DRILLING	<i>2 1/4</i>	SIZE D. P.	
SIZE	<i>1 1/8</i>	VISC.		CORING		SIZE COLL.	
MAKE	<i>Simon</i>	WTR. LOSS-C.C.	<i>NA</i>	OTHER		JTS. D. P.	FT.
SERIAL NO.	<i>PS6190</i>	FILTER CAKE		REPAIRS	<i>1</i>	KELLY DOWN	FT.
DEPTH IN	<i>220</i>	PH.		TRIP		COLLARS	FT.
HOURS RUN	<i>2 1/4</i>	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: *3:00-9:00 WOC 9:00-11:00 Dalg w/ 4 no return pump after Pulley*

DAILY DRILLING REPORT

43

CONTRACTOR <b>W W Drilling</b>	DATE <b>2-16-08</b>
COMPANY <b>Black Diamond</b>	WELL NO. <b>4</b>
LEASE <b>McClurg</b>	RIG NO. <b>1</b>
DISTRICT	D. P. STRING NO.
COUNTY <b>ROOKS</b>	STATE <b>KS</b>

1-4

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
350	1070	sand + shale	740	25000	650	John McCarty	8
						Colby Penzelman	8
						John J. Heitner	8
SLOPE TEST		ACCIDENT: - 19 gal 2 H-115					
DEG.	OFF	FRACK TANK IS FULL					
						DRLR	Will Mahean

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	Smith 2	WEIGHT	87	DRILLING	7 1/2	SIZE D. P.	
SIZE	7 3/4	VISC.	37	CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	PJ6190	FILTER CAKE		REPAIRS	44	KELLY DOWN	FT.
DEPTH IN	220	PH.		TRIP		COLLARS	FT.
HOURS RUN	9 1/4	MTL. ADDED (REMARKS)			1134 ft m	TOTAL	FT.

REMARKS: 11:00 - 1:00 Drlg 1:00 - 1:15 + 1st 4" pipe changed for 1.15 - 3:15 Drlg 3:15 - 3:30 v.Rig - Jet #1 3:30 - 7:00 Drlg

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1070	1856	Sand & Shale	740	30000	600	J.D. Mattinger	8
						Dave Owens	8
						Chris Keen	8
SLOPE TEST		ACCIDENT: -					
DEG.	OFF	FRACK TANK IS FULL					
						DRLR	Rodney Dehart

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	IL 7	WEIGHT	8.8 190	DRILLING	17 1/2	SIZE D. P.	
SIZE	17 7/8	VISC.	32/30	CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	PJ6190	FILTER CAKE		REPAIRS	44	KELLY DOWN	FT.
DEPTH IN	220	PH.		TRIP		COLLARS	FT.
HOURS RUN	16 3/4	MTL. ADDED (REMARKS)			Jet & Rig 1/4	TOTAL	FT.

REMARKS: 7:00 - 8:15 Drlg 8:15 - 8:30 Tighter DRL Side Line 8:30 - 11:45 Drlg 11:45 12:00 Jet #1 v.Rig 12:00 - 3:00 Drlg

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1856	1887	Anhy	85	25000	675	Jon Nickolas	8
1887	2227	Sand + Shale	90	26000	725	Col Green	8
						Al + Marcella	8
SLOPE TEST		ACCIDENT: -					
DEG.	OFF						
						DRLR	R. K. Harris

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	7 1/4	SIZE D. P.	
SIZE	7 3/4	VISC.		CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	PJ6190	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	220	PH.		TRIP		COLLARS	FT.
HOURS RUN	24 1/2	MTL. ADDED (REMARKS)			Jet & Rig 1/4	TOTAL	FT.

REMARKS: 3:00 - 11:00 loss line v.Rig Jet #1

DAILY DRILLING REPORT  
43

CONTRACTOR <b>WW Drilling</b>	DATE <b>2-17-08</b>
COMPANY <b>Black Diamond</b>	WELL NO. <b>4</b>
LEASE <b>McClurg</b>	RIG NO. <b>4</b>
DISTRICT	D. P. STRING NO.
COUNTY <b>Sooks</b>	STATE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
2227	2565	Shale - lime	70	32000	775	DM	John McGovy	8
						EM	John J. Heitner	8
						H	<i>calby sick</i>	
						H		
						DRLR	<i>JD Heitner</i>	8

SLOPE TEST		ACCIDENT: - (GIVE NAME)	
@	FT.		
DEG. OFF			

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	7 1/2	SIZE D. P.	
SIZE	1 7/8	VISC.		CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS. C.C.		OTHER	1/4	JTS. D. P.	FT.
SERIAL NO.	PJ6190	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN.	220	PH.		TRIP	1 1/4	COLLARS	FT.
HOURS RUN	32	MTL. ADDED (REMARKS)		TOTAL		TOTAL	FT.

REMARKS: 11:00-7:00 Drlg less 1/4 key 1/4 jet

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
2565	2840	Sand Shale Lime	90	32000	750	DM	Scott Buchholz	8
						EM	Dave Owens	8
						H	Chris Keen	8
						H		
						DRLR	<i>Radwan Dabur</i>	8

SLOPE TEST		ACCIDENT: - (GIVE NAME)	
@	FT.		
DEG. OFF		2 light 1/2 discpac 4 shells	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	#2	WEIGHT	25190	DRILLING	6 1/2	SIZE D. P.	
SIZE	1 7/8	VISC.	29/30	CORING	3/4	SIZE COLL.	
MAKE	Smith	WTR. LOSS. C.C.		OTHER	1/4	JTS. D. P.	FT.
SERIAL NO.	PJ6190	FILTER CAKE		REPAIRS	1/2	KELLY DOWN	FT.
DEPTH IN.	220	PH.		TRIP		COLLARS	FT.
HOURS RUN	38 1/2	MTL. ADDED (REMARKS)		TOTAL		TOTAL	FT.

REMARKS: 7:00-7:15 Drlg 7:15-8:45 2 1/2" D.P. 8:45-11:00 Drlg 11:00-11:15 By Pass Jet #2 / Fill w/ Foam Mud 11:15-2:30 Drlg 2:30-3:00 Jet #1 & Clean Section

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
2840	3160	Shale - lime	70	38000	875	DM	Jon N. Coleman	8
						EM	Bill Green	8
						H	1st Man	8
						H		
						DRLR	<i>Bill Green</i>	8

SLOPE TEST		ACCIDENT: - (GIVE NAME)	
@	FT.		
DEG. OFF		601 20	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	29	DRILLING	7 1/2	SIZE D. P.	
SIZE	1 7/8	VISC.	52	CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS. C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	PJ6190	FILTER CAKE		REPAIRS	1/4	KELLY DOWN	FT.
DEPTH IN.	220	PH.		TRIP		COLLARS	FT.
HOURS RUN	46	MTL. ADDED (REMARKS)		TOTAL		TOTAL	FT.

REMARKS: 3:00-3:30 Drlg 3:30-3:45 3 1/2" D.P. 3:45-11:00 w/ 1/4 in v/dlg





DAILY DRILLING REPORT  
43

CONTRACTOR W W Drilling DATE 2-19-08  
 COMPANY Black Diamond LEASE McClurg WELL NO. 4 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.
5476	5478					John McLovy	8
						J. D. Hattiger	8
						John J. Heitner	8
SLOPE TEST		ACCIDENT:-(GIVE NAME)					
@	FT.	<u>(8) hrs continuous line</u>					
DEG. OFF				DRLR		W. I. Maclean	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	<u>728</u>	WEIGHT		DRILLING		SIZE D. P.	
SIZE	<u>3 1/8</u>	VISC.		CORING		SIZE COLL.	
MAKE	<u>Smith</u>	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	<u>256190</u>	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	<u>200</u>	PH.		TRIP		COLLARS	FT.
HOURS RUN	<u>11:00-7:00 surface pipe</u>	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 11:00-7:00 surface pipe

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
5478	5478					Scott Buchholz	8
						Dave Owens	8
						Chris Keen	8
SLOPE TEST		ACCIDENT:-(GIVE NAME)					
@	FT.	<u>(8) hrs continuous line</u>					
DEG. OFF				DRLR		Rodney Doherty	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	<u>778</u>	WEIGHT	<u>50</u>	DRILLING		SIZE D. P.	
SIZE	<u>3 1/8</u>	VISC.		CORING		SIZE COLL.	
MAKE	<u>Smith</u>	WTR. LOSS-C.C.		OTHER	<u>3 1/4</u>	JTS. D. P.	FT.
SERIAL NO.	<u>256190</u>	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	<u>220</u>	PH.	<u>1 1/4</u>	TRIP	<u>1 1/2</u>	COLLARS	FT.
HOURS RUN	<u>5 1/2</u>	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 7:00-10:15 W.D. 10:15-10:30 I. I. H. W. Bremer 10:30-3:00 Ream 3 1/8 casing

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
5478	380	New Hole				Jon Nicodemus	8
						Gil Green	8
						Chris Keen	8
SLOPE TEST		ACCIDENT:-(GIVE NAME)					
@	FT.	<u>(8) hrs continuous line</u>					
DEG. OFF				DRLR		Ricky Hilgers	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	<u>778</u>	WEIGHT		DRILLING		SIZE D. P.	
SIZE	<u>3 1/8</u>	VISC.		CORING		SIZE COLL.	
MAKE	<u>Smith</u>	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	<u>256190</u>	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	<u>5</u>	PH.		TRIP		COLLARS	FT.
HOURS RUN	<u>3:00-5:30 Ream 5:30-6:00 tripart w Reamer + Run 7 1/8 bit 6:00-</u>	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 11:00 DRI

DAILY DRILLING REPORT

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CONTRACTOR <b>W W Drilling</b>	DATE <b>2-20-08</b>
COMPANY <b>Black Diamond</b>	WELL NO. <b>4</b>
LEASE <b>McClurg</b>	RIG NO. <b>4</b>
DISTRICT	D. P. STRING NO.
COUNTY <b>Roofs</b>	STATE <b>KS</b>

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
380	580	S S S	648	9000	600	J.D. Hoffner	8
						Gil Green	8
						John J. Heitner	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.	(8 Hrs - 10 TIME)					
DEG. OFF		DRLR <b>Will Markson</b>					

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	#3	WEIGHT		DRILLING		SIZE D. P.	
SIZE	7 7/8	VISC.		CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	017179	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	0	PH.		TRIP		COLLARS	FT.
HOURS RUN	12 3/4	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 11:00 - 7:00 Delg w 1/4 Rig ✓

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
580	865	S S S	56	55	600	Scott Buntford	8
						Dave ...	8
						Chris ...	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.	(8 1/2 hrs - 10 TIME)					
DEG. OFF		DRLR <b>Rodney Debert</b>					

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	#3	WEIGHT	93925	DRILLING	13 1/4	SIZE D. P.	
SIZE	7 7/8	VISC.	5051	CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	0517179	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	0	PH.	1/4	TRIP	4	COLLARS	FT.
HOURS RUN	16	MTL. ADDED (REMARKS)			1/4	TOTAL	FT.

REMARKS: 11:00 - 7:30 Delg w 1/4 Rig ✓, 7:30 - 8:00 W.D., 8:00 - 11:30 T.N. 4/ Reamer  
11:30 - 2:15 Ream - Delg, 2:15 - 2:30 Jell 1/4, 2:30 - 3:00 Ream - Delg

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
865	1228	S S S	80	2	725	Jon N. Coleman	8
1228	1475	S S S	80	2500	725	Gil Green	8
						Clifton ...	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.	(8 Hrs - 10 TIME)					
DEG. OFF		DRLR <b>Ricky Hames</b>					

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	#3	WEIGHT	93	DRILLING	7 1/4	SIZE D. P.	
SIZE	7 7/8	VISC.		CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	0517179	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	0	PH.		TRIP		COLLARS	FT.
HOURS RUN	23 1/4	MTL. ADDED (REMARKS)			1/4	TOTAL	FT.

REMARKS: 3:00 - 11:00 Delg w 1/4 Rig ✓

DAILY DRILLING REPORT

43  
 COMPANY: *W W Drilling*  
 LEASE: *McClurg*  
 COUNTY: *Rock* STATE: *Ks*  
 DATE: *7-21-08*  
 WELL NO.: *4* RIS. NO.: *4*  
 D. P. STRING NO.: \_\_\_\_\_ SIZE: \_\_\_\_\_

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1475	1200	Sand shale				DM John McCoy	8
						EM J.D. Hediger	8
						M John J. Heitner	8
SLOPE TEST @ _____ FT.		ACCIDENT: (GIVE NAME) <i>JO Hediger take accident logs</i>					
DEG. OFF _____		<i>(8 Hrs - 10 TIME)</i>		DRLR <i>Bill M...</i>			8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	<i>83</i>	WEIGHT	<i>94</i>	DRILLING	<i>6 1/4</i>	SIZE D. P.	
SIZE	<i>7 1/8</i>	VISC.	<i>33</i>	CORING		SIZE COLL.	
MAKE	<i>Smith</i>	WTR. LOSS-C.C.		OTHER	<i>1 1/2</i>	JTS. D. P.	FT.
SERIAL NO.	<i>PJ 7179</i>	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	<i>0</i>	PH.		TRIP	<i>to keep logs...</i>	COLLARS	FT.
HOURS RUN	<i>3.0</i>	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: *11:00 - 1:45 - Digs 1:45 - 2:00 J.D. Hediger 2:00 - 5:30 Digs 5:30 - 6:30 CTCH 6:30 - 7:00 lay down pipe*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1875	1700					DM Scott Bushwiler	8
						EM Dave Owens	8
						M Chris Keen	8
SLOPE TEST @ _____ FT.		ACCIDENT: (GIVE NAME) <i>PULL DOWN @ 1:20 PM</i>					
DEG. OFF _____		<i>(8 Hrs - 10 TIME)</i>		DRLR <i>Robert D...</i>			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: *Digs 9:00 Lay down D.P. @ 9:00 9:00 - 10:15 T. Eaton photo run STD. 10:15 - 11:00 Lay down pipe 11:00 - 1:30 Rig up cement + cement 1:00 - 2:00 Set pipe*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM Jon Niedemas	8
						EM Gil Green	8
SLOPE TEST @ _____ FT.		ACCIDENT: (GIVE NAME) <i>RH Release @ 3:30</i>					
DEG. OFF _____		<i>(8 Hrs - 10 TIME)</i>		DRLR <i>Dicky H...</i>			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: *12:00 - 8:00 Lay down pipe, tear down, change pit side line*





# ALLIED CEMENTING CO., LLC.

30108

REMIT TO PO. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT  
Russell, KS

DATE <u>2-21-08</u>	SEC <u>32</u>	TWP <u>10</u>	RANGE <u>30W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>1:30pm</u>
LEASE <u>McClung</u>	WELL # <u>4</u>	LOCATION <u>Danmor KS N to stop</u>			COUNTY <u>Ross KS</u>	STATE <u>KS</u>	
<u>OLD</u> OR NEW (Circle one)		<u>sign 3 North East + 3 1/2 North West into</u>					

CONTRACTOR <u>WW Drilling Rig #4</u>	OWNER
TYPE OF JOB <u>Rotary Plug</u>	CEMENT
HOLE SIZE <u>7 7/8</u>	AMOUNT ORDERED <u>190 @ 10 4% Gel 107 Flt</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH <u>1875'</u>
TOOL	DEPTH

PRES. MAX	MINIMUM	COMMON	@
MEAS. LINE	SHOE JOINT	POZMIX	@
CEMENT LEFT IN CSG		GEL	@
PERFS		CHLORIDE	@
DISPLACEMENT		ASC	@

EQUIPMENT			
PUMP TRUCK # <u>409</u>	CEMENTER <u>John Robert's</u>		
	HELPER <u>Adrian</u>		
BULK TRUCK # <u>378</u>	DRIVER <u>Rocky</u>		
BULK TRUCK #	DRIVER		
		HANDLING	@
		MILEAGE	@

REMARKS: \_\_\_\_\_ TOTAL \_\_\_\_\_

1875' 25 sks  
1150' 100 sks  
275' 40 sks  
40' 70 sks  
Ratehole 15 sks

CHARGE TO Black Diamond Oil Co.  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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 Rocky Stewart

SERVICE	
DEPTH OF JOB	
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE	@
MANIFOLD	@
	@
	@

TOTAL \_\_\_\_\_

PLUG & FLOAT EQUIPMENT	
	@
	@
<u>Dry Hole Plug</u>	@
	@

TOTAL \_\_\_\_\_

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