

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: None  
Operator Contact Person: Kenneth Vehige  
Phone: (785) 625-5891  
Contractor: Name: W. W. Drilling  
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. \_\_\_\_\_

<u>7/31/06</u>	<u>8/05/06</u>	<u>8/06/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 065-23204-00-00

County: Graham

W/2 W/2 SE Sec. 31 Twp. 7 S. R. 24  East  West

1300 feet from (S) N (circle one) Line of Section

2200 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW

Lease Name: Cummings A Well #: 1

Field Name: Dripping Springs

Producing Formation: None

Elevation: Ground: 2433 Kelly Bushing: 2438

Total Depth: 3984 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 \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit) ACT II W/HR  
12-14-07

Chloride content 3000 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: Owner Date: 11-6-06

Subscribed and sworn to before me this 6<sup>th</sup> day of November

20 06

Notary Public: [Signature]

Date Commission Expires: 7-18-07



KCC Office Use ONLY

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

Wireline Log Received

Geologist Report Received

UIC Distribution

RECEIVED

NOV 08 2006

KCC WICHITA

Operator Name: Black Diamond Oil, Inc. Lease Name: Cummings A Well #: 1  
 Sec. 31 Twp. 7 S. R. 24  East  West County: Graham

**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 (Attach Additional Sheets)  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 (Submit Copy)  List All E. Logs Run: <p style="font-size: 1.2em; margin-left: 20px;"><i>Radiation Guard</i></p>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:50%;">Name</th> <th style="width:25%;">Top</th> <th style="width:25%;">Datum</th> </tr> </thead> <tbody> <tr> <td><i>Anhydrite</i></td> <td style="text-align: center;"><i>2147</i></td> <td style="text-align: center;"><i>+291</i></td> </tr> <tr> <td><i>Topok</i></td> <td style="text-align: center;"><i>3495</i></td> <td style="text-align: center;"><i>-1057</i></td> </tr> <tr> <td><i>Heebner</i></td> <td style="text-align: center;"><i>3702</i></td> <td style="text-align: center;"><i>-1264</i></td> </tr> <tr> <td><i>Framing KC</i></td> <td style="text-align: center;"><i>3740</i></td> <td style="text-align: center;"><i>-1302</i></td> </tr> </tbody> </table>	Name	Top	Datum	<i>Anhydrite</i>	<i>2147</i>	<i>+291</i>	<i>Topok</i>	<i>3495</i>	<i>-1057</i>	<i>Heebner</i>	<i>3702</i>	<i>-1264</i>	<i>Framing KC</i>	<i>3740</i>	<i>-1302</i>
Name	Top	Datum														
<i>Anhydrite</i>	<i>2147</i>	<i>+291</i>														
<i>Topok</i>	<i>3495</i>	<i>-1057</i>														
<i>Heebner</i>	<i>3702</i>	<i>-1264</i>														
<i>Framing KC</i>	<i>3740</i>	<i>-1302</i>														

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	219	Common	165	3%cc, 2% gel

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

**RECEIVED**  
**NOV 08 2006**  
**KCC WICHITA**

# ALLIED CEMENTING CO., INC.

25946

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

SERVICE POINT:

Caklay

DATE <u>8-6-06</u>	SEC <u>31</u>	TWP <u>7S</u>	RANGE <u>24 W</u>	CALLED OUT	ON LOCATION <u>8:00 AM</u>	JOB START <u>9:00 AM</u>	JOB FINISH <u>11:30 AM</u>
LEASE <u>Cummins</u>	WELL # <u>A-1</u>	LOCATION <u>Morland 2E-2N-1/2W</u>		COUNTY <u>Graham</u>	STATE <u>Kan</u>		
OLD OR NEW (Circle one)							

CONTRACTOR W-L-D Dels #6

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 3984

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 FH DEPTH 2175'

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER Same

CEMENT AMOUNT ORDERED 190 SKS 6 1/4 per  
6 1/2 cal, 1/4 # Flo-Seal

COMMON	<u>114 SKS @ 12.20</u>	<u>1,390.80</u>
POZMIX	<u>76 SKS @ 6.10</u>	<u>463.60</u>
GEL	<u>10 SKS @ 16.65</u>	<u>166.50</u>
CHLORIDE	@	
ASC	@	
<u>Flo-Seal 48 #</u>	<u>@ 2.00</u>	<u>96.00</u>
HANDLING	<u>202 SKS @ 1.90</u>	<u>383.80</u>
MILEAGE	<u>9 1/2 per 5 1/2 mile</u>	
TOTAL		

**EQUIPMENT**

PUMP TRUCK CEMENTER Walt

# 102 HELPER Kelly

BULK TRUCK DRIVER Alan

# 218 DRIVER

BULK TRUCK DRIVER

**REMARKS:**

- 25 SKS @ 2175'
- 100 SKS @ 1225'
- 40 SKS @ 275'
- 10 SKS @ 40'
- 15 SKS in R.H.

Thank You

CHARGE TO: Black Diamond Oil

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE 955.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE miles @ 6.00

MANIFOLD @ \_\_\_\_\_

RECEIVED @ \_\_\_\_\_

NOV 08 2006

TOTAL \_\_\_\_\_

**KCC WICHITA**

**PLUG & FLOAT EQUIPMENT**

8 1/2 per

1 - D.H. Plug @ 35.00

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

# ALLIED CEMENTING CO., INC.

24975

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

SERVICE POINT:

OAKLEY, KS

DATE 7.31.06	SEC 31	TWP. 7	RANGE 24	CALLED OUT	ON LOCATION 4:45pm	JOB START 6:30pm	JOB FINISH 6:30pm
LEASE Cummins	WELL# #1	LOCATION Morland 2c-1w			COUNTY Ginkney	STATE KS	
OLD OR <u>NEW</u> (Circle one)				12w n.w			

CONTRACTOR W+W Dals #6

TYPE OF JOB Surfaco

HOLE SIZE 12 1/4 T.D. 220'

CASING SIZE 2 1/2 20# DEPTH 219'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 13.3 BALS

OWNER SAME

CEMENT AMOUNT ORDERED 165 com 300cc  
270 gal

COMMON	<u>165</u>	@	<u>12<sup>20</sup></u>	<u>2013<sup>00</sup></u>
POZMIX		@	<u>65</u>	
GEL	<u>3</u>	@	<u>16</u>	<u>49<sup>95</sup></u>
CHLORIDE	<u>6</u>	@	<u>46<sup>40</sup></u>	<u>279<sup>60</sup></u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>174</u>	@	<u>1<sup>00</sup></u>	<u>320<sup>60</sup></u>
MILEAGE	<u>.09 x 56 mile</u>			<u>1017<sup>00</sup></u>
TOTAL				<u>3691<sup>00</sup></u>

**EQUIPMENT**

PUMP TRUCK CEMENTER T-2274

# 102 HELPER Jim, rod

BULK TRUCK

# 215 DRIVER Rex

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

cement did circulate

Plug down @ 6:30pm

Thanks T-2274  
crew

**SERVICE**

DEPTH OF JOB	<u>219'</u>
PUMP TRUCK CHARGE	<u>815<sup>00</sup></u>
EXTRA FOOTAGE	@ _____
MILEAGE	<u>65</u> @ <u>6<sup>00</sup></u> <u>390<sup>00</sup></u>
MANIFOLD	@ _____
<u>Hand</u>	@ <u>100<sup>00</sup></u>
	@ _____

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TOTAL 1305<sup>00</sup>

KCC WICHITA  
PLUG & FLOAT EQUIPMENT

CHARGE TO: Black Diamond

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

<u>1.375 plug</u>	@	<u>60<sup>00</sup></u>
	@	
	@	
	@	

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment

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DAILY DRILLING REPORT

43

CONTRACTOR: WW Drilling LLC KCC WICHITA DATE: 8-6-06

COMPANY: Black Diamond Oil LEASE: Cummings A WELL NO.: 1 RIG NO.: 6

DISTRICT: COUNTY: Graham STATE: KS D. P. STRING NO.: 1 SIZE: 4 1/2

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HR
3984	T.D.					DM Chantz Golden	12
						EM Jeff Weigel	12
						H Scott Spena	12

SLOPE TEST @ FT. DEG. OFF: 540' ACCIDENT:-(GIVE NAME) Fuel 1710

DRLR: Justin Woods CO TIME: 8 Hrs

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.	F
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	F
DEPTH IN		PH.		TRIP		COLLARS	F
HOURS RUN		MTL. ADDED (REMARKS)		CO-TIME	<u>8</u>	TOTAL	F

REMARKS: 11:00-1:15 DST #1 45-45-45-45 1:15-3:45 TOH w/ DST #1 & vnpus break & lay down tool and anchor 3:45-4:15 WOO 4:15-5:15 TIV w/ lay down 5:15-6:00 setup to lay down Pipe 6:00-8:00 L.D.P. COLLARS

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HR
3984	TD					DM Dustin Karst	12
						EM Tom Wynn	12
						H Joel Beyers	12

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

DRLR: Sid Deutscher CO TIME: 8 Hrs

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.	F
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	F
DEPTH IN		PH.		TRIP		COLLARS	F
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	F

REMARKS: 7:00-~~8:00~~ 8:00 L.D.P. & COLLARS 8:00-8:30 TIV Pluggers 9:30-~~11:30~~ 11:30 plugging 11:30-4:00 Rig Down Release Rig at 3:00

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HR
						DM	
						EM	
						H	

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

DRLR:

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:

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DAILY DRILLING REPORT  
43

CONTRACTOR  
WW Drilling, LLC KCC WICHITA

DATE  
8-5-06

COMPANY  
Black Diamond Oil

LEASE  
Cummings A

WELL NO.  
1

RIG NO.  
6

DISTRICT  
Graham

COUNTY

STATE  
KS

D. P. STRING NO.  
1

SIZE  
4 1/2

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HI
3869	3965	Shale & Lime	80	35K	750	DM	Chantz Golden	8
						EM	Jeff Weigel	8
						H	Scott Spenc	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)						
@	FT.	CO TIME 1 1/4 Hr						
DEG. OFF		Fuel 39"		R2291		DRLR Justin Woods		8

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.	1		WEIGHT	1100	WTS: 53	WTR	DRILLING	6	SIZE D. P.		
SIZE	7 1/8		VISC.	1.00	WTS: 51	WTR	CORING	CFS 1 1/4	SIZE COLL.		
MAKE	Smith		WTR. LOSS-C.C.	3000	WTS: 50	WTR	OTHER	Rg 1/4	JTS. D. P.		
SERIAL NO.	PE4161		FILTER CAKE	4.00	WTS: 48	WTR	REPAIRS	1/4	KELLY DOWN		
DEPTH IN	220		PH.	5.30	WTS: 47	WTR	TRIP		COLLARS		
HOURS RUN	80		MTL. ADDED (REMARKS)				TRIP	P/D R7 MUD 1/4	TOTAL		

REMARKS: 11:00-12:30 Drilling 12:30-12:45 Rg ✓ 12:45-2:45 - Drilling  
 2:45-4:00 CFS @ 3928 4:00-4:15 Drilling 4:15-4:30 Work on Pump  
 4:30-6:00 - Drilling 6:00-6:15 P/D R7 MUD 6:15-7:00 Drilling

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HI
3965	3984	Lime Shale	80	35000	750	DM	Dustin Karst	8
						EM	Tom Wynn	8
		Log TV 3977				H	Joel Bayers	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)						
@	FT.	CO TIME 8 Hrs						
DEG. OFF						DRLR Sid Deutscher		8

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.	1		WEIGHT			DRILLING	1/2	SIZE D. P.			
SIZE	7 1/8		VISC.			CORING	CTCH 2	SIZE COLL.			
MAKE	Smith		WTR. LOSS-C.C.			OTHER	SHORT TRIP 1	JTS. D. P.			
SERIAL NO.	PE4161		FILTER CAKE			REPAIRS		KELLY DOWN			
DEPTH IN	220		PH.			TRIP	TOWB 1 3/4	COLLARS			
HOURS RUN	80 1/2		MTL. ADDED (REMARKS)				LOGGING 2 3/4	TOTAL			

REMARKS: 7:00 8:00 CFS @ 3984 8:00 9:00 SHORT TRIP 9:00 10:00 CTCH  
 10:00 11:45 Drop Survey T.O.W.B 11:45 3:00 LOGGING

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HI
						DM	Steve Hejny	
						EM	Kevin LaPoke	
						H	Justy Wertz	
SLOPE TEST		ACCIDENT:-- (GIVE NAME)						
@	FT.	CO TIME 8 Hrs						
DEG. OFF						DRLR Kyle Kinderbaecht		

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.			
SERIAL NO.			FILTER CAKE			REPAIRS		KELLY DOWN			
DEPTH IN			PH.			TRIP		COLLARS			
HOURS RUN			MTL. ADDED (REMARKS)				6.7	8	TOTAL		

REMARKS: 3:00-3:45 Logging 3:45-8:45 W.O.O. 8:45-10:15 T.I.WTT  
 7 1/2 FT 10:15-11:00 Test.

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DAILY DRILLING REPORT  
43

CONTRACTOR

W W Drilling LLC KCC WICHITA

DATE

8-4-06

COMPANY

Black Diamond Oil

LEASE

Cummings A

WELL NO.

1

RIG NO.

6

DISTRICT

COUNTY

Graham

STATE

KS

D. P. STRING NO.

1

SIZE

4 1/2

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	H
3448	3620	Shale & Lime	80	35	750	DM	Chantz Golden	8
						EM	Jeff Weigel	8
						H	Scott Spena	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H		
@	FT.	Fuel 46" - 2259 gal						
	DEG. OFF	Displacement Complete at 3448		DRLR		Justin Woods		8

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.	1		WEIGHT	6el 46	Holls 7	DRILLING	7 3/4	SIZE D. P.			
SIZE	7 7/8		VISC.	SA	4	CORING		SIZE COLL.			
MAKE	Smith		WTR. LOSS	50	2	OTHER		JTS. D. P.			
SERIAL NO.	PE4161		FILTER CAKE	1 1/2	2	REPAIRS		KELLY DOWN			
DEPTH IN	220		PH.	for	1/2	TRIP		COLLARS			
HOURS RUN	5 1/2		MTL. ADDED (REMARKS)	Rig			44	TOTAL			

REMARKS: 11:00 - 11:15 - Rig ✓ 11:15 - 7:00 - Drilling

11:30 - VIS 63 WT: 8<sup>2</sup> / 2:00 - VIS 63 WT: 8<sup>2</sup> / 4:00 - VIS 56 WT: 8<sup>2</sup> / 6:00 - VIS 58

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	H
3620	3760	Lime Shale	80	35 <sup>500</sup>	750	DM	Dustin Karst	8
						EM	Tom Wynn	8
						H	Joel Beyers	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H		
@	FT.	CD TIME - 1 hr						
	DEG. OFF			DRLR		Sid Deutscher		8

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.	1		WEIGHT			DRILLING	6 3/4	SIZE D. P.			
SIZE	7 7/8		VISC.			CORING		SIZE COLL.			
MAKE	Smith		WTR. LOSS-C.C.			OTHER	Rig 1/4	JTS. D. P.			
SERIAL NO.	PE4161		FILTER CAKE			REPAIRS		KELLY DOWN			
DEPTH IN	220		PH.			TRIP		COLLARS			
HOURS RUN	6 3/4		MTL. ADDED (REMARKS)	CFS			1	TOTAL			

REMARKS: 7:00 9:15 DRUG - 9:15 9:30 RIG ✓ 9:30 1:45 DRUG 1:45 - 2:45 CFS @ 3760 2:45 - 3:00 1.1g

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	H
3760	3869	Shale & Lime	80	35 <sup>500</sup>	750	DM	Steve Hejny	8
						EM	Kevin LaDuke	8
						H	Dusty Wert 2	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H		
@	FT.							
	DEG. OFF			DRLR		Kyle Kimberlin		8

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.	1		WEIGHT	9 1/2	9 2 1/2	DRILLING	7 3/4	SIZE D. P.			
SIZE	7 7/8		VISC.	50	53	CORING		SIZE COLL.			
MAKE	Smith		WTR. LOSS-C.C.			OTHER	Rig 1/4	JTS. D. P.			
SERIAL NO.	PE4161		FILTER CAKE			REPAIRS		KELLY DOWN			
DEPTH IN	220		PH.			TRIP		COLLARS			
HOURS RUN	7 1/4		MTL. ADDED (REMARKS)					TOTAL			

REMARKS: 3:00 - 3:45 1.1g 3:45 - 4:00 RIG ✓ 4:00 - 11:00 1.1g

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DAILY DRILLING REPORT  
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CONTRACTOR  
WW Drilling LLC

KCC WICHITA 8-3-06

COMPANY  
Black Diamond

LEASE  
Cummings A

WELL NO. 1 RIG NO. 6

DISTRICT COUNTY Graham

STATE KS

D. P. STRING NO. 1 SIZE 4 1/2

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HI
2920	3140	Sand & shale	80	33K	250	DM Chantz Golden	
						EM Jeff Weigel	8
						H Scott Sperra	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)					
@	FT.						
DEG. OFF		Fuel 51" 2560 gal		DRLR Justin Woods			8

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.	1		WEIGHT	1100	92+	DRILLING	6 1/4	SIZE D. P.			
SIZE	7 7/8		VISC.	0.30	92+	CORING		SIZE COLL.			
MAKE	Smith		WTR. LOSS	2.100	92+	Target Hole	1 1/2	JTS. D. P.			
SERIAL NO.	PE4161		FILTER	4.130	92+	REPAIRS		KELLY DOWN			
DEPTH IN	220		PH.	6.00	92+	TRIP		COLLARS			
HOURS RUN	4 1/2		MTL. ADDED (REMARKS)	Rig J 1/4				TOTAL			

REMARKS: 11:00-11:15 Rig J 11:15-2:30 Drilling 2:30-3:30 Wash & lean Tight conn and jet #1 to run flush 3:30-5:30 Drilling 5:30-6:00 Wash Tight 6:00-7:00 2 1/2" of fresh water at start of tour mixed 12 gal for flush Drilling

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HI
3140	3330		80	35 <sup>000</sup>	700	DM Dustin Karst	
						EM Tom Wynn	8
						H Joel Beyers	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)					
@	FT.						
DEG. OFF				DRLR Sid Deutscher			8

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.	1		WEIGHT	9.3-9.5		DRILLING	7 1/4	SIZE D. P.			
SIZE	7 7/8		VISC.			CORING	Rig J 1 1/4	SIZE COLL.			
MAKE	Smith		WTR. LOSS-C.C.			OTHER	Jet #1 1/4	JTS. D. P.			
SERIAL NO.	PE4161		FILTER CAKE			REPAIRS		KELLY DOWN			
DEPTH IN	220		PH.			TRIP		COLLARS			
HOURS RUN	5 1/4		MTL. ADDED (REMARKS)					TOTAL			

REMARKS: 7:00 7:15 JET #1 7:15 8:00 DRIG 8:00 8:15 RIG 8:15 10:45 DR 10:45 11:00 JET 11:00 3:00 DRIG

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HR
3330	3448	Shale	80	35 <sup>000</sup>	750	DM Steve Hejny	8
						EM Kevin Ludoke	8
						H Dusty Wertz	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)		Strap 3430.06			
@	FT.			Board 3432.56			
DEG. OFF				disc - 2.50		DRLR Kyle Kinderknecht	8

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.	1	25 Gal	WEIGHT			DRILLING	3 3/4	SIZE D. P.			
SIZE	7 7/8	2 GA	VISC.			CORING		SIZE COLL.			
MAKE	Smith	1 Cup	WTR. LOSS-C.C.			OTHER	Rig J 1/4	JTS. D. P.			
SERIAL NO.	PE4161	1 Lig	FILTER CAKE			REPAIRS		KELLY DOWN			
DEPTH IN	220	2 H/L	PH.			TRIP	2 3/4	COLLARS			
HOURS RUN	5 1/2	1/4 Perc	MTL. ADDED (REMARKS)	Jet 1 1/4				TOTAL			

REMARKS: 3:00-3:45 Dr 1/4 3:45-4:15 Jet #2 & Rig J 4:15-6:15 Dalg 6:15-9:00 out of hole/strap pipe/Back to Bottom 9:00-9:15 Drly 9:15-10:00 Wash & Jet 10:00-10:45 Jet 10:45-11:00 Jet #1 at 3448 - Displacement complete



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DAILY DRILLING REPORT

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CONTRACTOR

WW Drilling LLC

KCC WICHITA

DATE

8-2-06

COMPANY

Black Diamond Oil

LEASE

Cummings A

WELL NO.

1

RIG NO.

6

DISTRICT

COUNTY

Graham

STATE

KS

D. P. STRING NO.

1

SIZE

4 1/2

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	H
1550	2160	Sand & Shale	80	30	600	DM	Chantz Golden	8
						EM	Jeff Weigel	8
		Anhydrite 2148-2182				H	Scott Spers	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)						
@	FT.							
DEG. OFF		Fwd 57°		29291		DRLR Justin Woods		8

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.	1		WEIGHT			DRILLING	7 1/2		SIZE D. P.		
SIZE	7 7/8		VISC.			CORING	1/4		SIZE COLL.		
MAKE	Smith		WTR. LOSS-C.C.			OTHER			JTS. D. P.		
SERIAL NO.	PE 4161		FILTER CAKE			REPAIRS			KELLY DOWN		
DEPTH IN	220		PH.			TRIP			COLLARS		
HOURS RUN	23 1/4		MTL. ADDED (REMARKS)				Rig ✓	1/4	TOTAL		

REMARKS: 11:00-11:15 - Rig ✓ 11:15-4:30 - Drilling 4:30-4:45 Jet #1  
4:45-7:00 Drilling

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	H
2160	2576	Sand Shale	80	30 <sup>000</sup>	750	DM	Dustin Karst	8
						EM	Tom Wynn	8
						H	Joel Beyers	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)						
@	FT.							
DEG. OFF						DRLR Sid Deutscher		8

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.	1		WEIGHT			DRILLING	7 1/2		SIZE D. P.		
SIZE	7 7/8		VISC.			CORING	1/4		SIZE COLL.		
MAKE	Smith		WTR. LOSS-C.C.			OTHER			JTS. D. P.		
SERIAL NO.	PE 4161		FILTER CAKE			REPAIRS			KELLY DOWN		
DEPTH IN	220		PH.			TRIP			COLLARS		
HOURS RUN	20 3/4		MTL. ADDED (REMARKS)				RIG ✓	1/4	TOTAL		

REMARKS: 7:00-7:45 DRIG 7:45-8:00 RIG ✓ 8:00-11:45 DRIG 11:45-12:00 Jet  
12:00-3:00 DRIG

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	H
2576	2920	Sand & Shale	80	34 <sup>000</sup>	750	DM	Steve Hejny	8
						EM	Kevin Ludwick	8
						H	Dusty Wertz	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)						
@	FT.							
DEG. OFF						DRLR Kyle Kunderlecht		8

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.	1		WEIGHT			DRILLING	7 1/2		SIZE D. P.		
SIZE	7 7/8		VISC.			CORING			SIZE COLL.		
MAKE	Smith		WTR. LOSS-C.C.			OTHER			JTS. D. P.		
SERIAL NO.	PE 4161		FILTER CAKE			REPAIRS			KELLY DOWN		
DEPTH IN	220		PH.			TRIP			COLLARS		
HOURS RUN	38 1/4		MTL. ADDED (REMARKS)				RIG ✓	1/2	TOTAL		

REMARKS: 3:00-3:45 Drig 3:45-4:00 Jet #2 2628 4:00-8:30 Drig  
8:30-8:45 Jet @ 2844 8:45-11:00 Drig

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DAILY DRILLING REPORT  
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CONTRACTOR

WV Drilling LLC KCC WICHITA

DATE

8-1-06

COMPANY

Black Diamond

LEASE

Curmins A

WELL NO.

1

RIG NO.

6

DISTRICT

COUNTY

Graham

STATE

KS

D. P. STRING NO.

1

SIZE

4 1/2

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HI
220	485	Sand & Shale	70	25	600	DM	Chantz Golden	8
						EM	Jeff Weigel	8
						H	Scott Sporn	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H		
@	FT.							
DEG. OFF		62" of fuel		3189 gal		DRLR	Justin Woods	8

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	1		WEIGHT		DRILLING	3 1/4	SIZE D. P.	
SIZE	7 7/8		VISC.	Water	CORING		SIZE COLL.	
MAKE	Smith		WTR. LOSS-C.C.	E	OTHER PLYS	1/2	JTS. D. P.	
SERIAL NO.	PE4161		FILTER CAKE	None	REPAIRS	1/4	KELLY DOWN	
DEPTH IN	220		PH.		TRIP		COLLARS	
HOURS RUN	3 3/4		MTL. ADDED (REMARKS)		W.O.C.	3 1/2	TOTAL	

REMARKS: 11:00-2:30 W.O.C. 2:30-3:00 Drill PLY & 30' cement 3:00-7:00 Drilling with 1/4 hr replace full back rope and tighten valve caps on M.R

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HI
485	898	Sand Shale	80	25000	500	DM	Dustin Karst	8
						EM	Tom Wynn	8
						H	Joel Beyers	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H		
@	FT.							
DEG. OFF						DRLR	Sid Dautscher	8

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	1	20 Gel	WEIGHT		DRILLING	5 1/4	SIZE D. P.	
SIZE	7 7/8	4 Soda	VISC.		CORING	1/4	SIZE COLL.	
MAKE	Smith	4 HULKS	WTR. LOSS-C.C.		OTHER PLYS	1/4	JTS. D. P.	
SERIAL NO.	PE4161		FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	220		PH.		TRIP	2 1/4	COLLARS	
HOURS RUN	9		MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 7:00-7:45 Dalg 7:45-10:00 OK CHECK 10:00 1:15 DRLG 1:15 130 JK 1:30 3100 DRLG

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HI
898	1550	Sand & Shale	80	3014	550	DM	Steve Hejny	8
						EM	Kevin LaDuke	8
						H	Lusty Wertz	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H		
@	FT.	2 Gal Right Hand Pump						
DEG. OFF						DRLR	Kyle Kinderknecht	8

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	1	4 1/2 FEET	WEIGHT		DRILLING	6 1/4	SIZE D. P.	
SIZE	7 7/8	6 SA	VISC.		CORING		SIZE COLL.	
MAKE	Smith	3/4 1/2 S	WTR. LOSS-C.C.		OTHER PLYS	1/4	JTS. D. P.	
SERIAL NO.	PE4161	2 LIG	FILTER CAKE		REPAIRS	1/4	KELLY DOWN	
DEPTH IN	220	1 1/2 IN	PH.		TRIP		COLLARS	
HOURS RUN	15 3/4		MTL. ADDED (REMARKS)		Jet	1/4	TOTAL	

REMARKS: 3:00-3:30 Dalg 3:30-3:45 V.P.S 3:45-4:15 Dalg 4:15-4:30 F.F.C 4:30-6:30 Dalg 6:30-6:45 Jet #1 6:45-8:30 Dalg 8:30-9:00 Tighten Pan 9:00-11:00 Dalg @ 1204

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DAILY DRILLING REPORT

43

CONTRACTOR

WW Drilling LLC

KCC WICHITA

DATE

7-31-06

COMPANY

Black Diamond

LEASE

Cummins A

WELL NO.

1

RIG NO.

6

DISTRICT

COUNTY

Graham

STATE

Ks.

D. P. STRING NO.

SIZE

4 1/2 FH

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HI
						DM Chantz Golden	8
						EM Jeff Weigel	8
						H Scott Spahn	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H	
@	FT.						
DEG. OFF				DRLR Justin Woods			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.		
SERIAL NO.			FILTER CAKE			REPAIRS			KELLY DOWN		
DEPTH IN			PH.			TRIP			COLLARS		
HOURS RUN			MTL. ADDED (REMARKS)						TOTAL		

REMARKS: Move & Help Rig-up

43 Gel, 2 SA, 1 Cons, 1 Lig, 1/4 Pac, 5 Halls 20 Gel in Premix, 1 in F

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HF
0	100	Soil, Sand	90	All	500	DM Dustin Kurst	
						EM Tom Wynn	
						H Joel Beyers	
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H	
@	FT.						
DEG. OFF				DRLR Sid Deutscher			

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.		
SERIAL NO.			FILTER CAKE			REPAIRS			KELLY DOWN		
DEPTH IN			PH.			TRIP			COLLARS		
HOURS RUN			MTL. ADDED (REMARKS)						TOTAL		

REMARKS: 7:00-1:15 loadout Rig & Move 6 miles to Cummins A-1  
1:15-1:30 Delg Rathole, 1:30-3:00 Dry.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HR
100	220	Earth	90	All	500	DM Steve Hejny	4
						EM Kevin Wiloke	4
						H Lusty Wertz	4
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H	
@	220 FT.						
1/2 DEG. OFF				DRLR Kyle Hinderkoech			4

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.		
SERIAL NO.			FILTER CAKE			REPAIRS			KELLY DOWN		
DEPTH IN			PH.			TRIP			COLLARS		
HOURS RUN			MTL. ADDED (REMARKS)						TOTAL		

REMARKS: 3:00-4:45 Delg. 4:45-5:30 Jet, Drop Survey, T.O.W.B. 5:30-6:30  
Run & Cement 8 3/4" pipe 6:30-11:00 W.O.C.  
Plug Down RT 6:30 pm!