

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 7076  
 Name: Black Diamond Oil, Inc.  
 Address: P.O. Box 641  
 City/State/Zip: Hays, KS 67601  
 Purchaser: Coffeyille Resources  
 Operator Contact Person: Kenneth Vehige  
 Phone: (785) 625-5891  
 Contractor: Name: Kenneth Vehige - Discovery Drilling  
 License: 31548  
 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>3/26/2009</u>	<u>3/30/2009</u>	<u>8/17/2009</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 163-23,791-0000  
 County: Rooks  
      
 Sec. 27 Twp. 8 S. R. 19  East  West  
330 feet from S  (circle one) Line of Section  
990 feet from  (circle one) W Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Green A Well #: 3  
 Field Name: Webster  
 Producing Formation: \_\_\_\_\_  
 Elevation: Ground: 1930 Kelly Bushing: 1938  
 Total Depth: 3520 Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at 220.59 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 3475  
 feet depth to Surface \_\_\_\_\_ w/ 515 \_\_\_\_\_ sx cmt.  
 (30 sks In Rat Hole)(15sks In Mouse Hole) Alt 2-Dlg-9/10/09

**Drilling Fluid Management Plan**  
 (Data must be collected from the Reserve Pit)  
 Chloride content 13,000 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 NW Sec. 26 Twp. 8 S. R. 19  East  West  
 County: Rooks Docket No.: D-22285

**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: Pras Date: 9/3/09  
 Subscribed and sworn to before me this 3rd day of September,  
 2009.  
 Notary Public: Melissa L. Windholz  
 Date Commission Expires: 5/21/2011

NOTARY PUBLIC  
 MELISSA L. WINDHOLZ  
 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  
 Geologist Report Received  
 UIC Distribution

**RECEIVED**  
**SEP 09 2009**

Operator Name: Black Diamond Oil, Inc. Lease Name: Green A Well #: 3  
 Sec. 27 Twp. 8 S. R. 19  East  West County: Rooks

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input 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>Dual Induction, Density/Neutron &amp; Micro</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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1347</td> <td>+588</td> </tr> <tr> <td>Topeka</td> <td>2867</td> <td>-932</td> </tr> <tr> <td>Heebner</td> <td>3077</td> <td>-1142</td> </tr> <tr> <td>Lansing KC</td> <td>3116</td> <td>-1181</td> </tr> <tr> <td>Base KC</td> <td>3334</td> <td>-1399</td> </tr> <tr> <td>Arbuckle</td> <td>3366</td> <td>-1431</td> </tr> </table>	Name	Top	Datum	Anhydrite	1347	+588	Topeka	2867	-932	Heebner	3077	-1142	Lansing KC	3116	-1181	Base KC	3334	-1399	Arbuckle	3366	-1431
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Base KC	3334	-1399																				
Arbuckle	3366	-1431																				

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	220.59	Common	150	2%Gel&3%CC
Production St.	7 7/8	5 1/2	14	3475	SMDC	475	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	531-Surface	Common	40	2%Gel&3%CC

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	3371-73	250 MCA, 1500 NE 20%	
1	3285 & 3265	750 15% MCA	
4	3098-3102	500 15% MCA & 750 20% NE	
4	3048-50	No Acid Used	

TUBING RECORD	Size 2 7/8	Set At 3075	Packer At None	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 8/20/09		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. 18	Gas Mcf 0	Water Bbls. 110	Gas-Oil Ratio 32

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

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KCC WICHITA

# QUALITY OILWELL CEMENTING, INC.

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

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

No. 3101

Date	3/26/09	Sec.	37	Twp.	8	Range	19	County	Rooks	State	KS	On Location		Finish		
Lease	Green A			Well No.	3			Location Zurich 7 N, 3/4 E Sinto								
Contractor	Discovery Drilling Rig # 1							Owner 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.								
Type Job	Surface							Charge To Black Diamond Oil								
Hole Size	12 1/4			T.D.	221			Street								
Csg.	2 3/8			Depth	220			City								
Tbg. Size				Depth				State								
Drill Pipe				Depth				The above was done to satisfaction and supervision of owner agent or contractor.								
Tool				Depth												
Cement Left in Csg.	15			Shoe Joint				<b>CEMENT</b>								
Press Max.				Minimum				Amount Ordered	150 - v (on 2 3/8) 30 gal							
Meas Line				Displace	13 1/2			Common								
Perf.							Poz. Mix									
<b>EQUIPMENT</b>												Gel.				
Pumptrk	No.	Cementer					Calcium									
Bulktrk	No.	Driver					Mills									
Bulktrk	No.	Driver					Salt									
<b>JOB SERVICES &amp; REMARKS</b>												Flowseal				
Pumptrk Charge							Handling									
Mileage							Mileage									
Footage							Pump Truck Charge									
			Total						<b>FLOAT EQUIPMENT</b>							
Cement did Circulate  Thank You  Quality Oilwell Cementing												Guide Shoe				
												Centralizer				
												Baskets				
												AFU Inserts				
												Rotating Head				
												Squeez Mainfold				
												RECEIVED SEP 09 2009 KCC WICHITA				
												Tax				
												Discount				
												Total Charge				
												X Signature <i>Cathy Mappels</i>				

# ALLIED CEMENTING CO., LLC. 037499

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

SERVICE POINT  
Russell

DATE <u>4-6-09</u>	SEC. <u>27</u>	TWP. <u>S</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>10:00 a.m.</u>	JOB FINISH <u>10:30 a.m.</u>
LEASE <u>Green "H"</u>	WELL # <u>3</u>	LOCATION <u>Zurich 7-11 Rd "Q" 3/4 E. into</u>			COUNTY <u>ROOKS</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Gaschler Well Service  
 TYPE OF JOB Backside Job  
 HOLE SIZE 7 7/8 T.D.  
 CASING SIZE 5 1/2 DEPTH  
 TUBING SIZE 2 3/8 DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG.  
 PERFS.  
 DISPLACEMENT

OWNER  
 CEMENT (405K)  
 AMOUNT ORDERED 100 @ 4.10 4 1/2 G.P.C.

EQUIPMENT  
 PUMP TRUCK CEMENTER Craig  
 # 417 HELPER Matt  
 BULK TRUCK  
 # 378 DRIVER C-H  
 BULK TRUCK  
 # DRIVER

COMMON	<u>24</u>	@	<u>13.50</u>	<u>324.00</u>
POZMIX	<u>16</u>	@	<u>7.55</u>	<u>120.80</u>
GEL	<u>1</u>	@	<u>20.21</u>	<u>20.21</u>
CHLORIDE		@		
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>100</u>	@	<u>2.25</u>	<u>225.00</u>
MILEAGE	<u>110/16/mile</u>			<u>500.00</u>
TOTAL				<u>1,190.05</u>

REMARKS:  
See Job Log  
Cement Circulated!  
Thanks!  
 CHARGE TO: Black Diamond  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE  
 DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_ 875.00  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE 50 @ 7.00 350.00  
 MANIFOLD @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 TOTAL 1,225.00

PLUG & FLOAT EQUIPMENT  
Logs over charge on  
Inv. # 118048 @ 850.00  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_

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

PRINTED NAME \_\_\_\_\_  
 SIGNATURE [Signature]

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

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JOB LOG

SWIFT Services, Inc.

DATE 03-31-09 PAGE NO. 1

CUSTOMER BLACK DIAMOND WELL NO. 3 LEASE GREEN A JOB TYPE LONGSTRING TICKET NO. 15399

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0300							CONNECTION ON COLLARS CHANGE DR
								CMT: 470SBS SMD 1/4" FLOW CELL, SDD MUD FLUSH
								RTO 3530 SET PAPER 3482, SJ 2118, INSERT 3761
								5 1/2, 4" PACER SHOE
								CENT 13, 6, 12, 14, 56 BASTES 47, 57
	0440							START CSG @ FIDATE EQ
								<del>TAG BOTTOM</del> 38 FT FROM TO
	0545							BREAK CIRC
	0550							DROP BALL
	0600					1100		SET PWR SHOE
	0635		6.3					PLUG RH, MH 30, 15
	0640	3.5	0			200		START MUD FLUSH
			12					END
			24					HAZ SPAGN
	0645	5.5	0					START CMT 375SBS @ 11.2"
		5.5	85					CMT ON BOTTOM
			194					END 11.2, START 95SBS @ 14.0"
			224					END CMT
								DROP PLUG, WITHOUT P.L.
	0730	6.0	0			100		START DISP
		4.0	20/60			100		20 bbls LOST CIRC, 60 bbls CIRC MUD
			70.0			300		LOST CIRC
			75.0			600		SEAL CIRC
			80.0			700		LOST CIRC
	0750		84.4			1400		LAND PLUG, JET CELLER NO LIMIT
								RELEASE
	0930							JOB COMPLETE

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THANK YOU!  
DAVE, JOSH B, SCOTT

**L-K Wireline**

Perforating - R.A. Logging - Free Port

East Highway 40 - Box 424  
Hays, Kansas 67601

Phone 913-525-6887

Date 4/6/09

**PERFORATION RECORD**

Company Black Diamond Oil, Inc.

Lease Green 'A' #3

Pipe Size 5 1/2 Weight 14 # Field Webster

Sec. 27 Twp. 8 Range 19W Co. Rooks State Ks.

Engineer R.K.L. Operator Jesse Z.

Fluid Level 2670 TD 3456 Operator ---

**PERFORATING**

Collars \_\_\_\_\_

Collars Expendable

Jet Perforate- From 3371 To 73 No. of Shots 8

Jet Perforate- From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_

Jet Perforate- From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_

Jet Perforate- From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_

Jet Perforate- From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_

Jet Perforate- From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_

Jet Perforate- From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_

Jet Perforate- From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_

Jet Perforate- From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_

Jet Perforate- From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_

Other GR Corr. log

Other 45 mi

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

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PLUGS

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Plug @ \_\_\_\_\_

PERFORATION RECORD

Company Black Diamond  
Lease Green A #3  
Pipe Size 5 1/2 Weight \_\_\_\_\_ Field \_\_\_\_\_  
Sec. 27 Twp. 8S Range 19W Co. ROOKS State KS  
Engineer Mike H Operator JZ  
Fluid Level 1475 TD \_\_\_\_\_ Operator \_\_\_\_\_

PERFORATING

Collars \_\_\_\_\_  
Collars \_\_\_\_\_  
Jet Perforate - From 3048 To 3050 No. of Shots 8  
Jet Perforate - From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_  
Jet Perforate - From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_  
Jet Perforate - From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_  
Jet Perforate - From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_  
Jet Perforate - From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_  
Jet Perforate - From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_  
Jet Perforate - From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_  
Jet Perforate - From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_  
Other \_\_\_\_\_  
Other \_\_\_\_\_  
Other \_\_\_\_\_  
Other \_\_\_\_\_

PLUGS

Plug @ 5/16 3250 Plug @ \_\_\_\_\_

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PERFORATION RECORD

Company BLACK DIAMOND OIL  
Lease GREEN A #3  
Pipe Size 5 1/2 Weight \_\_\_\_\_ Field \_\_\_\_\_  
Sec. 27 Twp. 8 Range 19 Co. ROOKS State KS  
Engineer STEVE B Operator JESSE  
Fluid Level 1050 TD \_\_\_\_\_ Operator \_\_\_\_\_

PERFORATING

Collars 3218; 3258;  
Collars \_\_\_\_\_  
Jet Perforate - From 3285 To \_\_\_\_\_ No. of Shots 1  
Jet Perforate - From 3268 To \_\_\_\_\_ No. of Shots 1  
Jet Perforate - From 3098 To 3102 No. of Shots 16  
Jet Perforate - From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_  
Jet Perforate - From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_  
Jet Perforate - From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_  
Jet Perforate - From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_  
Jet Perforate - From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_  
Jet Perforate - From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_  
Jet Perforate - From \_\_\_\_\_ To \_\_\_\_\_ No. of Shots \_\_\_\_\_  
Other \_\_\_\_\_  
Other \_\_\_\_\_  
Other \_\_\_\_\_  
Other \_\_\_\_\_

PLUGS

Plug @ \_\_\_\_\_ Plug @ \_\_\_\_\_

\$1502.86

# L-K Acid

A DIVISION OF L-K WIRELINE, INC.

P.O. Box 1188 • East Highway 40

Hays, Kansas 67601

Phone: (785) 625-6877 FAX: (785) 625-6579

NO. 99977

STATION <i>Hays Ks.</i>		CUSTOMER ORDER OR P.O. NUMBER		DATE <i>8-17-09</i>
OWNER <i>Black Diamond</i>	LEASE <i>Green</i>	WELL <i>A-3</i>	COUNTY <i>Rooks</i>	STATE <i>Ks.</i>
LOCATION	SECTION	TOWNSHIP	RANGE	FORMATION
				CONTRACTOR

WELL DATA					PERFORATIONS		TREATMENT
SIZE	WEIGHT	DEPTH	VOLUME	SHOTS FT.		Max. Pressure	
TUBING	<i>2 7/8</i>			From <i>3268</i>	To	<i>750</i>	
CASING	<i>5 1/2</i>			From <i>3985</i>	To	Avg. Inj. Rate	
ANNULUS				From	To	Avg. Inj. Pressure	
OPEN HOLE				From	To	Total Fluid Pumped	
PLUG	<i>3310</i>	PACKER	<i>3900</i>	From	To	<i>45</i> Bbls.	

To L-K Acid,  
You are hereby requested to rent acidizing equipment to do work as listed.  
Charge  
To \_\_\_\_\_  
Street \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_

The above order was done to satisfaction and supervision of owner, agent or contractor.

**EQUIPMENT AND PERSONNEL**

<i>Steve B</i>	<i>605</i>
	<i>506</i>

**TREATMENT INSTRUCTIONS**  
The signee hereby request L-K Acid to furnish equipment, servicemen and materials for servicing the above well under his supervision as follows: *Treat w/ 750 gal 15% MCA*

As consideration, the above named (well owner or contractor) agrees to (a) pay you in accordance with your current price schedule; (b) L-K Acid shall not be liable for damage to property of well owner and/or customer unless caused by willful negligence this provision applying but not limited to subsurface damage and surface damage arising from subsurface damage. Well owner and/or customer shall be responsible for and secure L-K Acid against any liability for reservoir loss or damage, or property damage arising from a well blowout, unless such loss or damage is caused by willful negligence of L-K Acid. If equipment or instruments of L-K Acid are lost or damaged at the well, well owner and/or customer shall either recover the same or pay for such equipment or instruments unless, however, such loss or damage is caused by the negligence of L-K Acid; (c) that you make no guarantee of the effectiveness of the materials to be used or the results of treatments; (d) that you will not be bound by any representation or agreement not herein contained. It is understood you will pay wages (and payroll taxes and withholding hereon) and comply with workman's compensation statutes applicable to servicemen you furnish.

Customer's Signature

*Arnd, Chae* Service Engineer

**TREATMENT LOG**

TIME AM/PM	PRESSURE		TOTAL FLUID PUMPED	FLUID IN FORMATION	PUMPED PER TIME PERIOD	INJECTION RATE	EXPLANATION
	TBG	CSG					
<i>2:48</i>			<i>18</i>				<i>Start Acid Spurt</i>
<i>2:56</i>			<i>4</i>				<i>Start Flush Spurt</i>
<i>3:05</i>			<i>17</i>				<i>Start Flush</i>
<i>3:07</i>	<i>500</i>				<i>.25</i>		
<i>3:08</i>	<i>400</i>				<i>.50</i>		
<i>3:10</i>	<i>400</i>				<i>3.0</i>		
<i>3:11</i>	<i>650</i>				<i>4.5</i>		
<i>3:12</i>	<i>750</i>				<i>5.0</i>		
<i>3:15</i>	<i>700</i>		<i>5</i>		<i>5.0</i>		<i>Start Overflush</i>
<i>3:16</i>	<i>VAC</i>				<i>0</i>		<i>TSTP</i>

*Thank you*

PRICE REFERENCE	MATERIALS USED	AMOUNT	UNIT PRICE	TOTAL COST
	<i>Startover Pump Truck</i>	<i>1</i>	<i>1675.00</i>	<i>1675.00</i>
	<i>Mikage</i>	<i>40</i>	<i>4.00</i>	<i>160.00</i>
	<i>15% MCA</i>	<i>750</i>	<i>2.17</i>	<i>1627.50</i>
	<i>Inhibitor</i>	<i>2</i>	<i>33.35</i>	<i>66.70</i>

New Producer  Terms: If account is CURRENT discount will be allowed if paid in 30 days from date of invoice.  
 Old Producer  Terms: Invoice total due 30 days after invoice date. Finance charges of 1.5% (18% APR) will be added to unpaid invoices after 60 days.  
 Old Producer - New Zones   
 New SWD or Injection   
 Old SWD or Injection

SUB-TOTAL	<i>1529.20</i>
TAX	
TOTAL	

X *Ken Arnold* X

BY OWNER OPERATOR OR HIS AGENT

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KCC WICHITA







# L-K Acid

A DIVISION OF L-K WIRELINE, INC.  
 P.O. Box 1188 • East Highway 40  
 Hays, Kansas 67601  
 Phone: (785) 625-6877 FAX: (785) 625-6579

NO. 20829

STATION <i>Hays</i>	CUSTOMER ORDER OR P.O. NUMBER <i>Verbal - Kenneth</i>	DATE <i>4/8/09</i>
OWNER <i>Black Diamond Oil Inc.</i>	LEASE <i>Green 'A'</i>	WELL # <i>#3</i>
LOCATION <i>NW-NE-NE</i>	SECTION <i>27</i>	TOWNSHIP <i>8</i>
RANGE <i>19N</i>	FORMATION <i>Arbuckle</i>	CONTRACTOR <i>Gaschler's P/S</i>

WELL DATA				PERFORATIONS		TREATMENT
	SIZE	WEIGHT	DEPTH	VOLUME	4 SHOTS FT.	Max. Pressure <i>1350 #</i>
TUBING	<i>2 7/8</i>			<i>19.34</i>	From <i>3371</i> To <i>73</i>	Avg. Inj. Rate <i>5.6 gpm</i>
CASING	<i>5 1/2</i>			<i>.78</i>	From To	Avg. Inj. Pressure <i>1200 #</i>
ANNULUS					From To	Total Fluid Pumped <i>71.2</i> Bbls.
OPEN HOLE					From To	
PLUG	<i>3456</i>	PACKER	<i>3341</i>		From To	

To L-K Acid,  
 You are hereby requested to rent acidizing equipment to do work as listed.  
 Charge To *Black Diamond Oil, Inc.*  
 Street \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_

**TREATMENT INSTRUCTIONS**  
 The signee hereby request L-K Acid to furnish equipment, servicemen and materials for servicing the above well under his supervision as follows: *To retreat, via tbg, perf. w/ 1500g. 20% NE acid, flush & overflush w/ saltwater.*

The above order was done to satisfaction and supervision of owner, agent or contractor.  
**EQUIPMENT AND PERSONNEL**  

<i>Tesse Z.</i>	<i>410</i>
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As consideration, the above named (well owner or contractor) agrees to (a) pay you in accordance with your current price schedule; (b) L-K Acid shall not be liable for damage to property of well owner and/or customer unless caused by willful negligence this provision applying but not limited to subsurface damage and surface damage arising from a well blowout, unless such loss of damage is caused by willful negligence of L-K Acid. If equipment or instruments of L-K Acid are lost or damaged at the well, well owner and/or customer shall either recover the same or pay for such equipment or instruments unless, however, such loss or damage is caused by the negligence of L-K Acid; (c) that you make no guarantee of the effectiveness of the materials to be used or the results of treatments; (d) that you will not be bound by any representation or agreement not herein contained. It is understood you will pay wages (and payroll taxes and withholding thereon) and comply with workman's compensation statutes applicable to servicemen you furnish.

Customer's Signature \_\_\_\_\_

*Randy K. Longpine* Service Engineer

TREATMENT LOG							
TIME (AM/PM)	PRESSURE		TOTAL FLUID PUMPED	FLUID IN FORMATION	PUMPED PER TIME PERIOD	INJECTION RATE	EXPLANATION
	TBG	CSG					
<i>7:55</i>							<i>Pump truck on location</i>
<i>8:28</i>							<i>Start acid via tbg</i>
<i>8:29</i>			<i>6.1 bbl</i>				<i>Hole loaded</i>
	<i>550 #</i>					<i>1.2 bpm</i>	<i>Establish rate</i>
	<i>650 #</i>		<i>8.3 "</i>			<i>4 "</i>	<i>Pressure building</i>
	<i>750 #</i>		<i>10.3 "</i>			<i>" "</i>	<i>" "</i>
	<i>800 #</i>		<i>19 "</i>			<i>" "</i>	<i>" "</i>
<i>8:41</i>	<i>650 #</i>		<i>20.1 "</i>			<i>3 "</i>	<i>Acid topside pressure falling</i>
	<i>850 #</i>		<i>21.7 "</i>			<i>4 "</i>	<i>Increase rate</i>
	<i>1000 #</i>		<i>23.5 "</i>			<i>5 "</i>	<i>" "</i>
	<i>1150 #</i>		<i>28.5 "</i>			<i>6 "</i>	<i>" "</i>
	<i>1350 #</i>		<i>32.4 "</i>			<i>" "</i>	<i>" "</i>
<i>8:45</i>			<i>36 "</i>			<i>" "</i>	<i>Acid in start flush</i>
	<i>1750 #</i>		<i>44 "</i>			<i>" "</i>	<i>Pressure falling</i>
	<i>1150 #</i>		<i>50 "</i>			<i>6.5 "</i>	<i>Increase rate</i>
	<i>1700 #</i>		<i>54 "</i>			<i>7 "</i>	<i>Increase rate</i>
			<i>66.1 "</i>			<i>" "</i>	<i>Flush in, start overflush</i>
<i>8:52</i>	<i>0</i>		<i>71.2 "</i>				<i>T.S.T.P. - vacuum</i>
							<i>Job complete</i>
							<i>Thank #1774.76</i>

PRICE REFERENCE	MATERIALS USED	AMOUNT	UNIT PRICE	TOTAL COST
	<i>Standard pump truck</i>	<i>1 ea.</i>	<i>\$675.00</i>	<i>\$675.00</i>
	<i>Mileage</i>	<i>45 mi.</i>	<i>4.00</i>	<i>180.00</i>
	<i>70% NE acid</i>	<i>1500 g.</i>	<i>2.11</i>	<i>3,165.00</i>
	<i>Inhibitor</i>	<i>5g</i>	<i>33.75</i>	<i>166.75</i>

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New Producer  Old Producer  Old Producer - New Zones  New SWD or Injection  Old SWD or Injection

Terms: If account is CURRENT *15%* discount will be allowed if paid in 30 days from date of invoice.  
 Terms: Invoice total due 30 days after invoice date. Finance charges of 1.5% (18% APR) will be added to unpaid invoices after 60 days.

SUB-TOTAL	
TAX	<i>Exempt</i>
TOTAL	

Printcraft Printers 625-2576 Form #101 X \_\_\_\_\_ X \_\_\_\_\_  
 SERVICE ENGINEER BY OWNER OPERATOR OR HIS AGENT

# L-K Acid

A DIVISION OF L-K WIRELINE, INC.

P.O. Box 1188 • East Highway 40

Hays, Kansas 67601

Phone: (785) 625-6877 FAX: (785) 625-6579

NO. 20881

STATION <i>Hays</i>	CUSTOMER ORDER OR P.O. NUMBER <i>Verbal-Kenneth</i>		DATE <i>5/19/09</i>	
OWNER <i>Black-Diamond Oil, Inc.</i>	LEASE <i>Green A'</i>	WELL <i>#3</i>	COUNTY <i>Rooks</i>	STATE <i>Ks.</i>
LOCATION <i>NW-NE-NE</i>	SECTION <i>27</i>	TOWNSHIP <i>8</i>	RANGE <i>19W</i>	FORMATION <i>Arbuckle</i>
				CONTRACTOR <i>Gaschler's P/S</i>

WELL DATA			PERFORATIONS		TREATMENT
SIZE	WEIGHT	DEPTH	VOLUME	4 SHOTS/FT.	Max. Pressure
TUBING <i>2 7/8</i>			<i>19.35</i>	From <i>3371</i> To <i>73</i>	<i>1500</i>
CASING <i>5 1/2</i>			<i>.78</i>	From To	Avg. Inj. Rate <i>36 gpm</i>
ANNULUS				From To	Avg. Inj. Pressure <i>700</i>
OPEN HOLE				From To	Total Fluid Pumped
PLUG <i>3456</i>	PACKER	<i>3342</i>		From To	<i>76</i> Bbls.

To L-K Acid,  
You are hereby requested to rent acidizing equipment to do work as listed.  
Charge To *Black-Diamond Oil, Inc.*  
Street \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_

**TREATMENT INSTRUCTIONS**  
The signee hereby request L-K Acid to furnish equipment, servicemen and materials for servicing the above well under his supervision as follows: *To treat well top, arbuckle 4750g L-K 20/10 acid 750g 20% NE acid, flush & overflush w/ salt water*

The above order was done to satisfaction and supervision of owner, agent or contractor.

EQUIPMENT AND PERSONNEL	
<i>Steve T.</i>	<i>607</i>
	<i>504</i>

As consideration, the above named (well owner or contractor) agrees to (a) pay you in accordance with your current price schedule, (b) L-K Acid shall not be liable for damage to property of well owner and/or customer unless caused by willful negligence this provision applying but not limited to subsurface damage and surface damage arising from subsurface damage. Well owner and/or customer shall be responsible for and secure L-K Acid against any liability for reservoir loss or damage, or property damage arising from a well blowout, unless such loss or damage is caused by willful negligence of L-K Acid. If equipment or instruments of L-K Acid are lost or damaged at the well, well owner and/or customer shall either recover the same or pay for such equipment or instruments unless, however, such loss or damage is caused by the negligence of L-K Acid; (c) that you make no guarantee of the effectiveness of the materials to be used or the results of treatments; (d) that you will not be bound by any representation or agreement not herein contained. It is understood you will pay wages (and payroll taxes and withholding thereon) and comply with workman's compensation statutes applicable to servicemen you furnish.

Customer's Signature

*Randy K. Longline* Service Engineer

TREATMENT LOG							
TIME M/PM	PRESSURE		TOTAL FLUID PUMPED	FLUID IN FORMATION	PUMPED PER TIME PERIOD	INJECTION RATE	EXPLANATION
	TBG	CSG					
<i>11:00</i>							<i>Anastik oil location</i>
<i>11:18</i>			<i>4.5 bbl.</i>				<i>Start L-K 20/10 acid</i>
						<i>1.5 gpm</i>	<i>Make loaded</i>
	<i>900</i>						<i>Establish rate</i>
	<i>700</i>		<i>14 "</i>				<i>Pressure falling</i>
<i>11:25</i>	<i>600</i>		<i>18 "</i>				<i>start 20% NE acid</i>
<i>11:27</i>	<i>600</i>		<i>20.1 "</i>				<i>Acid to bottom</i>
	<i>700</i>		<i>26 "</i>			<i>2 "</i>	<i>Increase rate</i>
	<i>600</i>		<i>31 "</i>			<i>1 "</i>	<i>Pressure falling</i>
	<i>700</i>		<i>36 "</i>			<i>3 "</i>	<i>Increase rate, start flush</i>
	<i>900</i>					<i>4 "</i>	<i>" "</i>
	<i>1078</i>					<i>5 "</i>	<i>" "</i>
	<i>1508</i>					<i>6.5 "</i>	<i>" "</i>
<i>11:43</i>			<i>56 "</i>				<i>Start overflush</i>
<i>11:46</i>	<i>450</i>		<i>76 "</i>				<i>T.S.I.P.</i>
<i>11:48</i>	<i>-0-</i>						<i>kill on vacuum</i>
							<i>Job complete</i>
							<i>Thanks!</i>

PRICE REFERENCE	MATERIALS USED	AMOUNT	UNIT PRICE	TOTAL COST
	<i>Standard pump str.</i>	<i>1 ea.</i>	<i>\$675.00</i>	<i>\$675.00</i>
	<i>Mileage</i>	<i>45 mi.</i>	<i>4.00</i>	<i>180.00</i>
	<i>L-K 20/10 acid</i>	<i>750 g.</i>	<i>3.63</i>	<i>2722.50</i>
	<i>L-K 20% NE acid</i>	<i>750 g.</i>	<i>2.11</i>	<i>1582.50</i>
	<i>Inhibitor</i>	<i>5 g.</i>	<i>33.35</i>	<i>166.75</i>

New Producer  Old Producer  Old Producer - New Zones  New SWD or Injection  Old SWD or Injection

Terms: If account is CURRENT *1.5%* discount will be allowed if paid in 30 days from date of invoice. Terms: Invoice total due 30 days after invoice date. Finance charges of 1.5% (18% APR) will be added to unpaid invoices after 60 days.

SUB-TOTAL	
TAX	
TOTAL	

X *Randy K. Longline* SERVICE ENGINEER

BY OWNER OPERATOR OR HIS AGENT

RECEIVED  
SEP 09 2009  
KCC WICHITA



817-431-6336 (off) 817-431-6337 (fax)

## INVOICE

BILL TO	PROJECT INFORMATION	INVOICE INFORMATION
Black Diamond Oil, Inc. PO Box 641 Hays, KS 67601	Field Name: Webster Well Name: Green A #3 Location: Rooks Co., KS Job End Date: 5/21/2009	Invoice No.: 1122 Invoice Date: 5/21/2009 Invoice Due Date: 6/20/2009 Payment Terms: Net 30 Days

DESCRIPTION	QUANTITY	AMOUNT
<b>284 Bbl. Bulk Polymer Gel Water Reduction Treatment</b>		
Chemical Charges BG-100 Polymer XL-100 Cross-linker	813 Lbs. 177 Lbs.	\$3,112.37
Mobilization/Demobilization, Equipment, Personnel Charges	1 Day(s)	\$4,000.00
Received _____ Pd <u>6-17-09</u> Vendor# _____ Ckt <u>18880</u> Acct# _____ Lease _____		
<b>Thank you for your business!</b>		
Sub Total		\$7,112.37
Sales Tax 5.30%		\$376.96
<b>TOTAL</b>		<b>\$7,489.33</b>

PLEASE REMIT PAYMENT TO:

Eclipse IOR Services, LLC  
P.O. Box 824  
Hays, KS 67601

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PLEASE PAY  
THIS AMOUNT





817-431-6336 (off) 817-431-6337 (fax)

Vendor#

Received Pd 4-30-09

Clk# 18715

Acct#

# INVOICE

BILL TO	PROJECT INFORMATION	INVOICE INFORMATION
Black Diamond Oil, Inc. PO Box 641 Hays, KS 67601	Field Name: Webster Well Name: Green A #3 Location: Rooks Co., KS Job End Date: 4/13/2009	Invoice No.: 1113 Invoice Date: 4/13/2009 Invoice Due Date: 5/13/2009 Payment Terms: Net 30 Days

DESCRIPTION	QUANTITY	AMOUNT
<b>3,788 Bbl. Bulk Polymer Gel Water Reduction Treatment</b>		
Chemical Charges		
BG-100 Polymer	6,715 Lbs.	\$25,693.65
XL-100 Cross-linker	1,460 Lbs.	
Mobilization/Demobilization, Equipment, Personnel Charges	4.5 Day(s)	\$16,250.00
<b>Sub Total</b>		<b>\$41,943.65</b>
<b>Sales Tax 5.30%</b>		<b>\$2,223.01</b>
<b>TOTAL</b>		<b>\$44,166.66</b>

**Thank you for your business!**

PLEASE REMIT PAYMENT TO:

Eclipse IOR Services, LLC  
P.O. Box 824  
Hays, KS 67601

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SEP 09 2009  
KCC WICHITA

PLEASE PAY THIS AMOUNT





817-431-6336 (off) 817-431-6337 (fax)

## INVOICE

BILL TO	PROJECT INFORMATION	INVOICE INFORMATION
Black Diamond Oil, Inc. PO Box 641 Hays, KS 67601	Field Name: Webster Well Name: Green A #3 Location: Rooks Co., KS Job End Date: 5/21/2009	Invoice No.: 1122 Invoice Date: 5/21/2009 Invoice Due Date: 6/20/2009 Payment Terms: Net 30 Days

DESCRIPTION	QUANTITY	AMOUNT
<b>284 Bbl. Bulk Polymer Gel Water Reduction Treatment</b>		
Chemical Charges BG-100 Polymer XL-100 Cross-linker	813 Lbs. 177 Lbs.	\$3,112.37
Mobilization/Demobilization, Equipment, Personnel Charges	1 Day(s)	\$4,000.00
Received _____ Pd <u>6-17-09</u> Vendor# _____ Ckt <u>14880</u> Acct# _____ Lease _____		
<b>Thank you for your business!</b>		
Sub Total		\$7,112.37
Sales Tax 5.30%		\$376.96
<b>TOTAL</b>		<b>\$7,489.33</b>

PLEASE REMIT PAYMENT TO:

Eclipse IOR Services, LLC  
P.O. Box 824  
Hays, KS 67601

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PLEASE PAY  
THIS AMOUNT





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

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

Company: BLACK DIAMOND OIL Date: 4-6-09  
 Lease: GREEN Well #: A-3 County: ROCKS State: KS  
COMPLETION  
 Job description

Pulled From Well

Reran In Well

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

Y N Paint \_\_\_\_\_  
 Y N Diesel \_\_\_\_\_ GAL. \_\_\_\_\_ = \_\_\_\_\_  
 Thread Dope 5 x 3 Each 1.5  
 Circ Rubber New 150 Used \_\_\_\_\_  
 (Y)N Circ Head 75  
 Y N Sand Pump \_\_\_\_\_  
 (Y)N Oil Saver Rubber 10 @ 15  
 (Y)N Swab Cup 1-5 1/2 @ 40  
 Y N Other \_\_\_\_\_

Unit	Hrs.	Per. Hr	Amount
<u>REG 1 DDT</u>	<u>9 1/2</u>	<u>100</u>	<u>\$950</u>
Operator <u>KENT G</u>	<u>9 1/2</u>	<u>36</u>	<u>\$342</u>
Floorman <u>MICHAEL H</u>	<u>9 1/2</u>	<u>32</u>	<u>\$304</u>
Floorman <u>LUKE K</u>	<u>9 1/2</u>	<u>32</u>	<u>\$304</u>

Extra Equip.	<u>\$335</u>
Sales Tax	<u>118.46</u>
<b>TOTAL</b>	<b><u>2353.46</u></b>

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Remarks: DROVE TO LOCATION + RIGGED UP TO TUBING HOLE. RAN 1" TUBING DOWN TO ABOUT 500' + CEMENTED. PULLED 1" + RIGGED UP CASING JARS. SWABBED DOWN TO 2800' + PERFORATED. TALLIED PACKER + TUBING IN HOLE. SET PACKER @ 3341' + MADE 2 PULLS WITH SWAB. SAW SHOW OF OIL. SHUT DOWN.

By: Kent Gaschler  
 Gaschler Pulling Service, Inc.

By: \_\_\_\_\_  
 Authorized Signature





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

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

Company: BLACK DIAMOND OIL Date: 4-7-09  
 Lease: GREEN Well #: A#3 County: ROCKS State: KS  
 Job description: COMPLETION

Pulled From Well

Reran In Well

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

Y N Paint \_\_\_\_\_  
 Y N Diesel \_\_\_\_\_ GAL. \_\_\_\_\_ = \_\_\_\_\_  
 Thread Dope \_\_\_\_\_ x \_\_\_\_\_ Each \_\_\_\_\_  
 Circ Rubber New \_\_\_\_\_ Used \_\_\_\_\_  
 Y N Circ Head \_\_\_\_\_  
 Y N Sand Pump \_\_\_\_\_  
 Y N Oil Saver Rubber 1 @ 15  
 Y N Swab Cup 1 - 2 7/8 @ 25  
 Y N Other \_\_\_\_\_

Unit	Hrs.	Per. Hr	Amount
<u>REG/DDP</u>	<u>10</u>	<u>100</u>	<u>\$1000</u>
Operator <u>KENT G</u>	<u>10</u>	<u>36</u>	<u>\$360</u>
Floorman <u>MICHAEL H</u>	<u>10</u>	<u>32</u>	<u>\$320</u>
Floorman <u>LUKE K</u>	<u>10</u>	<u>32</u>	<u>\$320</u>
Extra Equip.			<u>\$40</u>
Sales Tax			<u>108.12</u>
TOTAL			<u>2148.12</u>

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Remarks: CHECKED OVERNITE FELLUP. HAD 450' ALL OIL. DID 1 HOUR TEST. CAME OUT WITH NO FLUID. SPOTTED ACID & TREATED. LET SET 15 MIN. THEN SWABBED DOWN. 2<sup>ND</sup> PULL OFF BOTTOM HAD 400' & GOOD SHOW OF OIL. LET SET 30 MIN. & FLUID WAS UP TO 2400'. DECREASED PACKER & DID 30 MIN TESTS. FLUID WAS @ 2450' & OIL P WENT TO 8". SHUT DOWN

By: Kent Gaschler  
 Gaschler Pulling Service, Inc.

By: \_\_\_\_\_  
 Authorized Signature



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

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

Company: BLACK DIAMOND OIL Date: 9-8-09  
 Lease: GREEN Well #: A#3 County: ROCKS State: KS  
 Job description: COMPLETION

**Pulled From Well**

**Reran In Well**

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

Y N Paint \_\_\_\_\_  
 Y N Diesel \_\_\_\_\_ GAL. \_\_\_\_\_ = \_\_\_\_\_  
 Thread Dope \_\_\_\_\_ x \_\_\_\_\_ Each \_\_\_\_\_  
 Circ Rubber New \_\_\_\_\_ Used \_\_\_\_\_  
 Y N Circ Head \_\_\_\_\_  
 Y N Sand Pump \_\_\_\_\_  
 N Oil Saver Rubber 1 @ #15  
 N Swab Cup 1-2 7/8 @ #25  
 Y N Other \_\_\_\_\_

Unit	Hrs.	Per. Hr	Amount
RIG 1 DDP	6	100	\$1000
Operator KENT G	6	36	\$216
Floorman MICHAEL H	6	32	\$192
Floorman LUKE K	6	32	\$192

Extra Equip.	\$ CD
Sales Tax	65.72
TOTAL	1305.72

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Remarks: CHECKED OVERNITE FELLUP. FLUID WAS @ 1000'. HAD 400' OF OIL ON TOP. SET PACKER & TREATED. LET ACID SET 1 HOUR THEN STARTED SWABBING. SWABBED BACK 65 BBLs. HAD ABOUT 2% CIRC. RIGGED DOWN & MOVED OFF.

By: Kent Gaschler  
 Gaschler Pulling Service, Inc.

By: \_\_\_\_\_  
 Authorized Signature



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

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

Company: BLACK DIAMOND OIL Date: 4-30-09  
Lease: GREEN Well #: A # 3 County: ROCKS State: KS  
PUMP CHANGE  
Job description

Pulled From Well

Reran In Well

Feet	Joints	Description	Equipment	Feet	Joints	Description
	1	1 1/4 x 16'	Polish Rod		1	1 1/4 x 16'
	1	7'	Liner		1	7'
			Rod Subs			
	<del>67</del>	7/8 - 10 ON BOTTOM	Rods		69	7/8 - 10 ON BOTTOM
	67	3/4	Rods		67	3/4
			Rods			
	1	2 1/2 x 1 1/2 x 12	Pump		1	2 1/2 x 2 x 12
			Tubing Subs			
			Tubing			
			Tubing			
			Bbl. Seat N			
		Where Set Type Size	Packer or Tubing Anchor			Where Set Type Size
			Mud Anchor			

Y N Paint \_\_\_\_\_  
Y N Diesel \_\_\_\_\_ GAL. \_\_\_\_\_ = \_\_\_\_\_  
Thread Dope \_\_\_\_\_ x \_\_\_\_\_ Each \_\_\_\_\_  
Circ Rubber New \_\_\_\_\_ Used \_\_\_\_\_  
Y N Circ Head \_\_\_\_\_  
Y N Sand Pump \_\_\_\_\_  
Y N Oil Saver Rubber \_\_\_\_\_  
Y N Swab Cup \_\_\_\_\_  
Y N Other \_\_\_\_\_

Unit RIG 1 DDP  
Operator KENT G  
Floorman MICHAEL H  
Floorman LUKE K

Hrs.	Per. Hr	Amount
6	90	\$540
6	30	\$180
6	25	\$150
6	25	\$150

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SEP 09 2009  
KCC WICHITA

Extra Equip.	
Sales Tax	54.06
TOTAL	1074.06

Remarks: MOVED IN + RIGGED UP. UNHUNG WELL + LATCHED ONTO RODS. UNSEATED PUMP. PULLED RODS + PUMP. RAN IN WITH NEW PUMP. SEATED PUMP. LONGSTROKED, HUNG ON, RIGGED DOWN + MOVED OFF.

By: Kent Gaschler  
Gaschler Pulling Service, Inc.

By: \_\_\_\_\_  
Authorized Signature



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

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

Company: BLACK DIAMOND OIL Date: 5-18-09  
Lease: GREEN Well #: A#3 County: ROCKS State: KS  
POLYMER

Job description

Pulled From Well

Reran In Well

Feet	Joints	Description	Equipment	Feet	Joints	Description
	1	1 1/4 x 16'	Polish Rod			
	1	7'	Liner			
			Rod Subs			
	69	7/8-10 ON BOTTOM	Rods			
	67	3/4	Rods			
			Rods			
	1	2 1/2 x 2 x 12	Pump			
			Tubing Subs			
			Tubing			
			Tubing			
			Bbl. Seat N			
		Where Set Type Size	Packer or Tubing Anchor			Where Set Type Size
			Mud Anchor			

Y N Paint \_\_\_\_\_  
Y N Diesel \_\_\_\_\_ GAL. \_\_\_\_\_ = \_\_\_\_\_  
Thread Dope \_\_\_\_\_ x \_\_\_\_\_ Each \_\_\_\_\_  
Circ Rubber New \_\_\_\_\_ Used \_\_\_\_\_  
Y N Circ Head \_\_\_\_\_  
Y N Sand Pump \_\_\_\_\_  
Y N Oil Saver Rubber \_\_\_\_\_  
Y N Swab Cup \_\_\_\_\_  
Y N Other \_\_\_\_\_

Unit	Hrs.	Per. Hr	Amount
RIG I DDP	4	90	\$360
Operator KENT G	4	30	\$120
Floorman MICHAEL H	4	25	\$100
Floorman LUKE K	4	25	\$100

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Extra Equip.	
Sales Tax	36.04
TOTAL	716.04

Remarks: DRIVE TO LOCATION & RIGGED UP. UNHUNG WELL & LATCHED ONTO RODS. UNSEATED PUMP. PULLED RODS & PUMP. RIGGED OVER FOR TUBING. LATCHED ONTO TUBING & PULLED SLIPS. HUNG TONGS BUT THEY WOULD NOT SPIN. HAULED TONGS TO HAYS TO GET FIXED. SHUT DOWN.

By: Kent Gaschler  
Gaschler Pulling Service, Inc.

By: \_\_\_\_\_  
Authorized Signature



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

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

Company: BLACK DIAMOND OIL Date: 5-19-09  
 Lease: GREEN Well #: A-3 County: ROCKS State: KS  
TOLYMER  
 Job description \_\_\_\_\_

**Pulled From Well**

**Reran In Well**

Feet	Joints	Description	Equipment	Feet	Joints	Description
			Polish Rod			
			Liner			
			Rod Subs			
			Rods			
			Rods			
			Rods			
			Pump			
			Tubing Subs			
	110	2 7/8	Tubing			
			Tubing			
	1	5. N.	Bbl. Seat N			
		Where Set Type Size	Packer or Tubing Anchor			Where Set Type Size
	1	2 7/8 x 15'	Mud Anchor			

Y N Paint \_\_\_\_\_  
 Y N Diesel \_\_\_\_\_ GAL. \_\_\_\_\_ = \_\_\_\_\_  
 Thread Dope 5 x 3 Each 15  
 Circ Rubber New \_\_\_\_\_ Used \_\_\_\_\_  
 Y N Circ Head \_\_\_\_\_  
 Y N Sand Pump \_\_\_\_\_  
 N Oil Saver Rubber 1 @ 15  
 N Swab Cup 1 - 2 7/8 @ 25  
 Y N Other \_\_\_\_\_

Unit	Hrs.	Per. Hr	Amount
<u>REG 1 DDP</u>	9	90	\$810
Operator <u>KENT G</u>	9	30	\$270
Floorman <u>MICHAEL H</u>	9	25	\$225
Floorman <u>LUKE K</u>	9	25	\$225

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Extra Equip.	\$55
Sales Tax	84.01
<b>TOTAL</b>	<b>1669.01</b>

Remarks: HUNG TONGS & STARTED PULLING TUBING. GOT TUBING LAID OUT THEN TALLIED PACKER & TUBING & STARTED IN THE HOLE. SET PACKER @ 3342. TREATED & LET SET FOR 1 HOUR. LOAD WAS 76 BBL. STARTED SWABBING. GOT FLUID DOWN TO 2750. HAD SHOW OF OIL. SWAPPED BACK 65 BBL. LAID DOWN SWAB. RIGGED DOWN & MOVED OFF.

By: Kent Gaschler  
 Gaschler Pulling Service, Inc.

By: \_\_\_\_\_  
 Authorized Signature



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

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

Company: BLACK DIAMOND OIL Date: 6-1-09  
 Lease: Box 21 Well #: A 215 County: ROCKS State: KS  
 Job description

Pulled From Well

Reran In Well

Feet	Joints	Description	Equipment	Feet	Joints	Description
			Polish Rod		1	1" x 16'
			Liner		1	7'
			Rod Subs		1	2' x 7/8"
			Rods		65	7/8" - 10' ON BOTTOM
			Rods		67	7/8"
			Rods			
			Pump		1	2 1/2" x 1 1/2" x 12"
			Tubing Subs			
			Tubing		107	2 7/8"
			Tubing			
			Bbl. Seat N		1	5-N.
		Where Set Type Size	Packer or Tubing Anchor			Where Set Type Size
			Mud Anchor		1	2 7/8" x 15'

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

Unit	Hrs.	Per. Hr	Amount
RIG / DDP	8	90	\$720
Operator KENT G	8	30	\$240
Floorman MICHAEL H	8	25	\$200
Floorman LURE K	8	25	\$200

Extra Equip.	\$15
Sales Tax	72.88
TOTAL	1447.88

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Remarks: DRIVE TO LOCATION & RIGGED UP TO TUBING HOPE. LINED OVER & PULLED SLIPS. RELEASED PACKER. LEAVED BACK OVER TO EAST LINE & LAID OUT TUBING. RAN IN FOR PRODUCTION. LEFT OUT 3 SIS & LANDED TUBING. RIGGED OVER FOR RODS. RAN PUMP & RODS. RESPACED WELL. SEATED PUMP. HUNG WELL ON & MADE SURE WAS TAPPING BOTTOM. RIGGED DOWN & MOVED OFF.

By: Kent Gaschler  
 Gaschler Pulling Service, Inc.

By: \_\_\_\_\_  
 Authorized Signature



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

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

Company: BLACK DIAMOND OIL Date: 6-9-09  
Lease: GREEN Well #: A # 3 County: ROCKS State: KS  
PUMP CHANGE  
Job description

Pulled From Well

Reran In Well

Feet	Joints	Description	Equipment	Feet	Joints	Description
	1	1' 1/4 x 16'	Polish Rod		1	1' 1/4 x 16'
	1	7'	Liner		1	7'
	1	2' x 7/8"	Rod Subs		1	2' x 7/8"
	65	7/8" - 10' ON BOTTOM	Rods		65	7/8" - 10' ON BOTTOM
	67	3/4"	Rods		67	3/4"
			Rods			
	1	2 1/2 x 1 1/2 x 12	Pump		1	2 1/2 x 2 x 12
			Tubing Subs			
			Tubing			
			Tubing			
			Bbl. Seat N			
		Where Set Type Size	Packer or Tubing Anchor			Where Set Type Size
			Mud Anchor			

Y N Paint \_\_\_\_\_  
Y N Diesel \_\_\_\_\_ GAL. \_\_\_\_\_ = \_\_\_\_\_  
Thread Dope \_\_\_\_\_ x \_\_\_\_\_ Each \_\_\_\_\_  
Circ Rubber New \_\_\_\_\_ Used \_\_\_\_\_  
Y N Circ Head \_\_\_\_\_  
Y N Sand Pump \_\_\_\_\_  
Y N Oil Saver Rubber \_\_\_\_\_  
Y N Swab Cup \_\_\_\_\_  
Y N Other \_\_\_\_\_

Unit	Hrs.	Per. Hr	Amount
REG / DDP	6	90	\$540
Operator KENT G	6	30	\$180
Floorman MICHAEL H	6	25	\$150
Floorman LUKE H	6	25	\$150

Extra Equip.

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SEP 09 2009

Sales Tax

TOTAL

54.06
1074.06

KCC WICHITA

Remarks: DROVE TO LOCATION & RIGGED UP. UNHUNG WELL & LATCHED ONTO RODS. UNSEATED PUMP. PULLED RODS & PUMP. RAN NEW PUMP & RODS. SEATED PUMP & LONGSIBORNEN. COULD NOT GET MOTOR STARTED. HUNG ON & RIGGED DOWN. WAS TOO MUDDY TO MOVE, SHUT DOWN.

By: Kent Gaschler  
Gaschler Pulling Service, Inc.

By: \_\_\_\_\_  
Authorized Signature

DAILY DRILLING REPORT  
 NCEM 43-5 BOX 800, 1415 SA OK 74101  
 1-800-341-7790  
 COMPANY  
 Blackdiamond OIL  
 DISTRICT

CONTRACTOR  
 Discovery Drilling Co. Inc.  
 LEASE  
 Green A  
 COUNTY  
 Rooks  
 STATE  
 KS

DATE  
 3-31-09  
 WELL NO.  
 3  
 RIG NO.  
 1  
 D. P. STRING NO.  
 1  
 SIZE

Tues

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.	
3520	RTD	Arbuckle				Kenny Jones	8	
3519	LTD					Stan Lovelady	8	
(8 HRS Daywork)								
25							John Mehl	5
SLOPE TEST		ACCIDENT: -- (GIVE NAME)						
Q	FT							
DEC. OFF								
						25	Terry Jones	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	2	WEIGHT		LDDP/DC 3 1/2	SIZE D.P.		
SIZE	7 3/8	VISC.		Changeover	SIZE COLL.		
MAKE	GX200	WTR. LOSS-C.C.		VUN 5 1/2	JTS D.P.		
SERIAL NO	5153847	FILTER CAKE		Cement	KELLY DOWN		
DEPTH IN	221	PH.		TRIP	COLLARS		
HOURS RUN		MTL. ADDED (REMARKS)		CIRC 1 1/2	TOTAL		

REMARKS: 1100-1130 IN 1/4 BIT 1130-1230 CTCH 1230-450 LDDP LDDC 450-430 changeover  
 430-545 RUN 5 1/2 545-645 CIRC 6 1/2 - 700 cement

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.	
3520	RTD	Arbuckle				Larry M. Lioak	8	
(14 HRS Daywork)								
50							Randy Brasell	8
*							Stan Lovelady	8
SLOPE TEST		ACCIDENT: -- (GIVE NAME)						
Q	FT	JOB COMPLETE @ 7:45 AM. 3/31/09						
DEC. OFF		RIG RELEASED @ 8:15 AM. 3/31/09						
						50	Sy/B am e	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: 7:00 @ 7:45 CEMENT SET 7:45 @ 8:15 SET SLIPS 8:15 @ 300 TEAR DOWN TOOLS & LOAD OUT RIG.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
RECEIVED							
SEP 09 2009							
KCC WICHITA							



DAILY DRILLING REPORT  
 HOBAS 43-5 BOX 800 TULSA OK 74101  
 1-800-531-7250  
 COMPANY  
 Black Diamond Oil  
 DISTRICT

CONTRACTOR  
 Discovery Drilling Co Inc.  
 LEASE  
 Green A  
 COUNTY  
 ROOKS  
 STATE  
 KS

DATE  
 3-30-09  
 WELL NO  
 3  
 RIG NO.  
 1  
 D. P. STRING NO.  
 SIZE

MON.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	DM	EM	NAME	HRS.
3268	3405	Shale & Lime # Avb	80	40000	700			Kenny Jones	8
								Stan Lovelady	8
							(25)	John Mehl	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)							
W	FT								
DEC. OFF								(25) Terry Jones	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	2	WEIGHT		DRILLING	7 1/2	SIZE D. P.	Gal 5
SIZE	7 3/8	WTR. LOSS-C.C.		CORING	CON 1/4	SIZE COLL.	CON 1
MAKE	GX200	FILTER CAKE		OTHER	VRIG 1/4	JIS D. P.	WIG 1
SERIAL NO.	5153847	PH		REPAIRS		KELLY DOWN	Soda 2
DEPTH IN FEET	221	MTL. ADDED (REMARKS)		TRIP		COLLARS	
HOURS RUN	53					TOTAL	Hulls 15

REMARKS: 1100-100 Drill 100-150 @ 3299 ✓ RIG 115-700 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	DM	EM	NAME	HRS.
3405	3520	Arbuckle	80	35000	700			Larry Mlinak	8
								(50) Randy Bassall	8
		(2 1/2 hrs Log work)						Chris Adensen	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)							
W	FT								
DEC. OFF								(50) Sly 1 Pump	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	2	WEIGHT	7.1 9.3	DRILLING	5	SIZE D. P.	CAST-1
SIZE	7 3/8	WTR. LOSS-C.C.	55 55	CORING	CON 1/4	SIZE COLL.	5 ASH-2
MAKE	GX200	FILTER CAKE	8.8	OTHER	1/4	JIS D. P.	Hulls-22
SERIAL NO.	5153847	PH	132	REPAIRS		KELLY DOWN	
DEPTH IN FEET	221	MTL. ADDED (REMARKS)	10.0	TRIP	Sheet 1	COLLARS	
HOURS RUN	58				Cir 1/2	TOTAL	

REMARKS: 7:00 to 7:15 Drill, 7:15 to 8:00 Srv Rig @ 3420, 8:00 to 12:30 (11), 12:30 to 1:30 CFS @ 3520  
 1:30 to 2:30 Sheet Trip (22), 2:30 to 3:00 CAST

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	DM	EM	NAME	HRS.
3520	170	Arbuckle						(25) Justin Bunting	8
3519	170							Chad Mayfield	8
		(8 hrs Log work)						Justin Smith	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)							
W	FT								
DEC. OFF								(50) Jason Showalter	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING	TNA Log 1	SIZE D. P.	
SIZE		WTR. LOSS-C.C.		TOM Log	1 1/2	SIZE COLL.	
MAKE		FILTER CAKE		Logging	5	JIS D. P.	
SERIAL NO.		PH		CAST	1/2	KELLY DOWN	
DEPTH IN FEET		MTL. ADDED (REMARKS)				COLLARS	
HOURS RUN						TOTAL	

REMARKS: 3:00-3:30 CAST 4:30-5:00 TOH Log / Dec SS. 5:00-10:00 Logging  
 10:00-11:00 TNW Bit After Log

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DAILY DRILLING REPORT  
 Reshield 43-5 BOX 606, TULSA OK 74101  
 1-800-531-7290

CONTRACTOR: Discovery Drilling Co. Inc. DATE: SUN 3-29-09  
 LEASE: Green A WELL NO: 3 RIG NO: 1  
 COMPANY: Black Diamond Oil COUNTY: Rooks STATE: KS  
 DISTRICT: D. P. STRING NO. SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2766	2990	Shale & Lime	80	40000	700	Kenny Jones	8
						Stan Lovela dy	8
						John Mehl	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
						Terry Jones	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	2	WEIGHT	8.8	DRILLING	6 3/4	SIZE D. P.	
SIZE	7 3/8 RR	VISC.	55+	CORING	CON 2	SIZE COLL.	
MAKE	GAZDC	WTR. LOSS C.C.		OTHER	W/VOLUME 1/4	JTS. D. P.	FT
SERIAL NO.	553847	FILTER CAKE		TRIP	1/4	KELLY DOWN	FT
DEPTH IN	221	PH.				COLLARS	FT
HOURS RUN	3 1/4	MTL. ADDED (REMARKS)				TOTAL	FT

REMARKS: 11:00-11:15 Drill 11:15-11:20 EX 2783 JET (DISPLACED) 11:20-11:45 Drill 11:45-12:00 W/VOLUME  
 12:00-12:50 Drill 12:50-12:30 V RIG @ 277 12:30-7:00 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2990	3144	Shale	80	40000	700+	Levy Mline 12	8
						Randy Baggall	8
						Perry Adams	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
						Seal Room	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	2	WEIGHT	8.7	DRILLING	7	SIZE D. P.	GEL-20
SIZE	7 3/8 RR	VISC.	8.7	CORING	CON 1/2	SIZE COLL.	CAUST-2
MAKE	GAZDC	WTR. LOSS C.C.	8.8	OTHER	1/4	JTS. D. P.	LIG-1
SERIAL NO.	553847	FILTER CAKE		TRIP	1/4	KELLY DOWN	S. ASH-13
DEPTH IN	221	PH.				COLLARS	DRIS-44SK
HOURS RUN	3 3/4	MTL. ADDED (REMARKS)				TOTAL	HULLS-10

REMARKS: 7:00-8:00 Drill 8:00-8:15 Seals & 3017, 8:15-10:00 Drill, 11:00-11:15 Pump 3080  
 11:15-10:30 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3144	3268	Shale & Lime	80	40000	700	Justin Bunting	8
						Chad Mayfield	8
						Justin Smith	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
						Jason Showalter	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	2	WEIGHT	8.9	DRILLING	7 1/4	SIZE D. P.	
SIZE	7 3/8 RR	VISC.	55+	CORING	CON 1/4	SIZE COLL.	
MAKE	GAZDC	WTR. LOSS C.C.		OTHER	1/4	JTS. D. P.	FT
SERIAL NO.	5153847	FILTER CAKE		TRIP	1/4	KELLY DOWN	FT
DEPTH IN	221	PH.				COLLARS	FT
HOURS RUN	4 5/12	MTL. ADDED (REMARKS)				TOTAL	15-Hulls

REMARKS: 5:00-4:30 Drill 4:30-4:45 RIG @ 3174 4:45-10:45 Drill 10:45-11:00 PUMP

DAILY DRILLING REPORT  
 Form DR-1 43-5 BOX 900 WICHITA KS 67201  
 1-800-337-7300  
 COMPANY  
 Black Diamond Oil  
 DISTRICT

CONTRACT FOR  
 Discovery Drilling CO INC.  
 LEASE  
 Green A  
 COUNTY  
 Rooks  
 STATE  
 KS

DATE  
 3-28-09  
 WELL NO.  
 3  
 RIG NO.  
 1  
 D. P. STRING NO.  
 SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1968	2225	Shale	80	35000	650	Kenny Jones	8
						Staw Lovelady	8
						John Mehl	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT						
DEG. OFF		(FVAC FULL)				Terry Jones	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	2	WEIGHT	916	DRILLING	6	SIZE D. P.	
SIZE	7 7/8 RR	WTR. LOSS-C.C.		CORING CON	3/4	SIZE COLL.	
MAKE	GX200	FILTER CAKE		OTHER VRL	1/4	JTS D. P.	FT
SERIAL NO.	5153847	PH.		REPAIRS		KELLY DOWN	FT
DEPTH IN	221	MTL. ADDED (REMARKS)		TRIP BIT TRIP	3/4	COLLARS	FT
HOURS RUN	2 1/2			Jet	1/4	TOTAL	FT

REMARKS: 1100-1145 INW BIT 1145-1200 Drill 1200-1215 VRL @ 1981 1215-430 Drill 430-445 @ 2138 Jet #1 445-700 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2225	2520	Shale	80	40000	700	Justin Bunting	8
						Randy Basgall	8
						Dusty Rozcon	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT						
DEG. OFF		1-For #2				Syl Trane	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	2	WEIGHT		DRILLING	6 3/4	SIZE D. P.	1.5
SIZE	7 7/8 RR	WTR. LOSS-C.C.		CORING CON	3/4	SIZE COLL.	1-C
MAKE	GX200	FILTER CAKE		OTHER	1/4	JTS D. P.	1-L FT
SERIAL NO.	5153847	PH.		REPAIRS		KELLY DOWN	2-5A FT
DEPTH IN	221	MTL. ADDED (REMARKS)		TRIP	1/4	COLLARS	14-SK Pac
HOURS RUN	2 1/2			Jet		TOTAL	2-11/16

REMARKS: 7:00 TO 7:15 Set Rig @ 2233, 7:15 TO 11:15 Drill 11:15 TO 12:00 Jet #1 @ 2222 12:00 TO 3:00 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2520	2766	Shale	80	40000	700	Justin Bunting	8
						Cory Adams	8
						Chad Mayfield	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT						
DEG. OFF		#2 Full-Lead Tank				Jason Shawalter	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	2	WEIGHT		DRILLING	6 1/4	SIZE D. P.	32-Gel
SIZE	7 7/8 RR	WTR. LOSS-C.C.		CORING CON	3/4	SIZE COLL.	1-C
MAKE	GX200	FILTER CAKE		OTHER	1/4	JTS D. P.	1-L FT
SERIAL NO.	5153847	PH.		REPAIRS		KELLY DOWN	2-5A FT
DEPTH IN	221	MTL. ADDED (REMARKS)		TRIP	3/4	COLLARS	10-Hullg
HOURS RUN	2 1/2			Jet		TOTAL	14-SK Pac

REMARKS: 3:00-3:45 Orig 3:45-4:00 Rig @ 2544 4:00-6:00 Orig 6:00-6:15 Jet #1 @ 2610 6:15-7:00 Orig 7:00-7:15 Jet #2 @ 2641 7:15-10:30 Orig 10:30-10:45 Clean Suction + Screen @ 2766 10:45-11:00 Orig Drilling

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RECEIVED

SEP 09 2009

KCC WICHITA

DAILY DRILLING REPORT  
 BOX 800, TULSA OK 74101  
 43-5 1-800-331-7306

CONTRACTOR  
**Discovery Drilling CO INC.**  
 LEAS  
**Green A**  
 COUNTY  
**ROOKS**  
 STATE  
**KS**

DATE  
**3-27-09**  
 WELL NO  
**3**  
 RIG NO  
**1**  
 U. P. STRING NO.  
 SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
221	789	sand & shale	90	1500 3000	600	Kenny Jones	8
			90	2500	600	Stan Lovelady	8
						John Mehl	8

ACCIDENT: -  
 (GIVE NAME)  
 SLOPE TEST  
 @ FT.  
 DEC. OFF  
**(2 IN FVAC)**  
**(25) Terry Jones** 8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	2	WEIGHT		DRILLING	5 1/2	SIZE D. P.	
SIZE	78 RR	WTR. LOSS C.C.		CORING	1 1/2	SIZE COLL.	
NAME	6x20C	FILTER CAKE		OTHER	1/2	JTS D. P.	FT
SERIAL NO.	5153847	PH.		REPAIRS	1/4	KELLY DOWN	FT
DEPTH IN	221	MTL. ADDED (REMARKS)		TRIP	1/4	COLLAPSE	FT
HOURS RUN	5 1/2					TOTAL	FT

REMARKS: 1100-1130 WOC @ 221 1130-1200 Drill 1200-1215 @ 220 Chauscree 1215-445 Drill 445-500 @ 600 Jet #1 500-700 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
789	850	Shale + sand	90	3000	650	Stan Lovelady	8
850	1075	sand	60	2000	11	Randy Bassell	8
1075	1319	sand + shale	90	3500	11	Cory Adamson	8
1319	1383	ACCIDENT: - Andy	90	3500	11		
1383	1600	Shale	90	3500	11	Ray Pame	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	2	WEIGHT		DRILLING	5	SIZE D. P.	6el 25
SIZE	72 RR	WTR. LOSS C.C.		CORING	2 1/4	SIZE COLL.	6-16 1
NAME	6x20C	FILTER CAKE		OTHER	1/4	JTS D. P.	5000 2
SERIAL NO.	5153847	PH.		REPAIRS		KELLY DOWN	1
DEPTH IN	221	MTL. ADDED (REMARKS)		TRIP	1/2	COLLAPSE	4-Hulls
HOURS RUN	10 1/2					TOTAL	1/2-SK-PAC

REMARKS: 7:00 TO 7:15 S-R Rise @ 21. 7:15 TO 8:15 Drill. 8:15 TO 9:00 Jet #1 @ 1136. 9:00 TO 11:00 Drill 11:00 TO 1:15 Jet #1 @ 1150. 1:15 TO 3:00 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1600	1968	Shale	90	3500	650	Justin Bunting	8
						Dusty Nozall	8
						Chad Mayfield	8

ACCIDENT: -  
 (GIVE NAME)  
 SLOPE TEST  
 @ FT.  
 DEC. OFF  
**Frac Topped off**  
**(50) Jason Showalter** 8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	2	WEIGHT		DRILLING	5	SIZE D. P.	50 Gel
SIZE	77 RR	WTR. LOSS C.C.		CORING	1	SIZE COLL.	2-L
NAME	6x20C	FILTER CAKE		OTHER	1/4	JTS D. P.	2-C
SERIAL NO.	5153847	PH.		REPAIRS		KELLY DOWN	4-SK-PT.
DEPTH IN	221	MTL. ADDED (REMARKS)		TRIP	1 1/2	COLLAPSE	4-Hulls
HOURS RUN	15 1/2				1/4	TOTAL	1/2-SK-PAC

REMARKS: 3:00-3:15 Rise @ 1607 3:15-5:45 Drill 5:45-6:00 Jet #1 @ 1825 6:00-9:30 Drill 9:30-11:00 Bit Trip @ 168

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KCC WICHITA

DAILY DRILLING REPORT  
 43-5 (800, 980, 141, 34 OR 7491)  
 1-800-351-7241

CONTRACTOR  
 Discovery Drilling Co Inc.

DATE  
 3-26-09

COMPANY  
 Black diamond oil

WELL NO.  
 3

DISTRICT  
 Green A

U. P. STRING NO.  
 1

COUNTY  
 Rocks

STATE  
 KS

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						Kenny Jones	8
						Stan Lovelady	8
						John mehl	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
DEG.	FT						
DEG.	OFF	2 IN FVAC				Terry Jones	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	60
SIZE		VISC.		CORING		SIZE COLL	2
MARK		WTR. LOSS-C.C.		OTHER		WTR. LOSS-C.C.	2
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	4
DEPTH IN		PH.		TRIP		COLLARS	12
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	4

REMARKS: 700-300 Finish vig up / Pump / yard / tarp

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
0	221	Sand shale & clay	120	A11	500	Larry M. Inok	8
						Randy Bessall	8
						Dustin Nozack	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
DEG.	FT	Spade @ 10:15					
DEG.	OFF					50 Syl Romo	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	124	WEIGHT		DRILLING	7	SIZE D. P.	
SIZE	HP51A	VISC.		CORING	Con	SIZE COLL	
MARK	JD126	WTR. LOSS-C.C.		OTHER	1/2	WTR. LOSS-C.C.	
SERIAL NO.		FILTER CAKE		REPAIRS	3 1/4	KELLY DOWN	
DEPTH IN	0	PH.		TRIP	3 1/2	COLLARS	
HOURS RUN	2	MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 7:00 to 9:30 Finish Rig up 9:30 to 10:15 Drill Bit Hole 10:15 to 11:15 Drill 11:15 to 11:45 Sand shale & clay 11:45 to 3:00 Run 6 3/4

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						Justin Bunting	8
						Cory Adamson	8
						Chad Warfield	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
DEG.	FT						
DEG.	OFF					Jason Shawalter	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING		SIZE D. P.	
SIZE	7 7/8	VISC.		CORING		SIZE COLL	
MARK	Gr. Oc	WTR. LOSS-C.C.		OTHER	8 3/4	WTR. LOSS-C.C.	
SERIAL NO.	515897	FILTER CAKE		REPAIRS	1 1/4	KELLY DOWN	
DEPTH IN	221	PH.		TRIP	7 1/2	COLLARS	
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 3:00-3:15 Circ 8 3/4 3:15-3:30 Cement 8 3/4 3:30-11:20 WOC

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DAILY DRILLING REPORT

Black Hill 43-5 BOG BLD HELSA OK 7181  
1-800-251-7290

CONTRACTOR

Discovery Drilling Co INC

DATE

3-23-09

COMPANY

Black Diamond OIL

LEASE

WELL NO.

RIG NO.

DISTRICT

COUNTY

STATE

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						Staw Lovelady	8
						John Mehl	8

SLOPE TEST		ACCIDENT: - (GIVE NAME)	
UP	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		ITS. 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

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						Larry Hill	8
						Randy Bassell	8
						Dusty Brown	8

SLOPE TEST		ACCIDENT: - (GIVE NAME)	
UP	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		ITS. 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 TO 11:00 Load Rig out + move 11:00 TO 3:00 Rig + Take Fast line Shive off of Crown

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.

SLOPE TEST		ACCIDENT: - (GIVE NAME)	
UP	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		ITS. 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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SEP 09 2009  
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KCC WICHITA

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