

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 7076
 Name: Black Diamond Oil, Inc.
 Address: P.O. Box 641
 City/State/Zip: Hays, KS 67601
 Purchaser: Coffeyville Resources
 Operator Contact Person: Kenneth Vehige
 Phone: (785) 625-5891
 Contractor: Name: Discovery Drilling Co., Inc.
 License: 31548
 Wellsite Geologist: 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>1/27/2009</u>	<u>1/31/2009</u>	<u>2/1/2009</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 163-23,795-00-00
 County: Rooks
SE NE SW Sec. 33 Twp. 6 S. R. 20 East West
1680 feet from (S) / N (circle one) Line of Section
2570 feet from E / (W) (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: JME/V Unit Well #: 1
 Field Name: Wildcat
 Producing Formation: None
 Elevation: Ground: 2229 Kelly Bushing: 2237
 Total Depth: 3760 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 211.34 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 *P+A Alt II NR 5-5-09*
 (Data must be collected from the Reserve Pit)
 Chloride content 16,000 ppm Fluid volume 240 bbls
 Dewatering method used Evaporation & Haul Fluids
 Location of fluid disposal if hauled offsite: _____
 Operator Name: Black Diamond Oil
 Lease Name: Vehige #1 SWD License No.: 7076
 Quarter SW Sec. 33 Twp. 6 S. R. 20 East West
 County: Rooks Docket No.: D-23,315

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: 4-9-2009
 Subscribed and sworn to before me this 9th day of April,
 2009.
 Notary Public: Melissa L. Windholz
 Date Commission Expires: 5/2/2011

MELISSA L. WINDHOLZ
 NOTARY PUBLIC
 STATE OF KANSAS
 My Appt. Exp. 5/2/2011

KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Operator Name: Black Diamond Oil, Inc. Lease Name: JME/V Unit Well #: 1
 Sec. 33 Twp. 6 S. R. 20 East West County: Rooks

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

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input 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: Dual Induction, Compensated density & Micro	<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>825</td> <td>+415</td> </tr> <tr> <td>Topeka</td> <td>3230</td> <td>-990</td> </tr> <tr> <td>Heebner</td> <td>3434</td> <td>-1194</td> </tr> <tr> <td>Lansing KC</td> <td>3470</td> <td>-1230</td> </tr> <tr> <td>Arbuckle</td> <td>3706</td> <td>-1466</td> </tr> </table>	Name	Top	Datum	Anhydrite	825	+415	Topeka	3230	-990	Heebner	3434	-1194	Lansing KC	3470	-1230	Arbuckle	3706	-1466
Name	Top	Datum																	
Anhydrite	825	+415																	
Topeka	3230	-990																	
Heebner	3434	-1194																	
Lansing KC	3470	-1230																	
Arbuckle	3706	-1466																	

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 #	211.34	Common	150	2%Gel&3%CC

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

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TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	KCC WICHITA
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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
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Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.) Other (Specify) _____

ALLIED CEMENTING CO., LLC. 34939

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

SERVICE POINT: Russell

DATE <u>2-1-09</u>	SEC <u>33</u>	TWP. <u>6</u>	RANGE <u>20</u>	CALLED OUT <u>4/20/09</u>	ON LOCATION	JOB START <u>6:30am</u>	JOB FINISH <u>7:30am</u>
LEASE <u>SME/V UNIT</u>			WELL # <u>1</u>		LOCATION <u>Damas N Old 24 1 E</u>	COUNTY <u>ROOKS</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>(N)</u>			3 N 1/2 E 20 1 E				

CONTRACTOR Discovery #1

TYPE OF JOB Rotary Plug

HOLE SIZE _____ T.D. 3760

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 X 11 DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 245 60/40 40lb 6ml

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

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KCC WICHITA

HANDLING _____ @ _____

MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Craig

417 HELPER Matt

BULK TRUCK DRIVER Bob

410

BULK TRUCK DRIVER _____

REMARKS:

See Job Log!

Thanks!

CHARGE TO: Black Diamond

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 Cliff Maffei

TOTAL _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

_____ @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

1 8 1/2 wooden Plug

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "ALLIED" shall mean Allied Cementing Co., LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "Merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to ALLIED before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of ALLIED, refunded directly to CUSTOMER. For purposes of this paragraph, ALLIED and CUSTOMER agree that Kansas law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in ALLIED'S current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL, CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—**SERVICE CONDITIONS AND LIABILITIES:**

1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. CUSTOMER shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES:

1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.



CEMENTING LOG

STAGE NO. _____

Date 2-1-09 District _____ Ticket No. 34439
 Company Black Diamond Rig D. Smith #1
 Lease JME/JME/V UNIT Well No. 14
 County ROOKS State KS
 Location Damas + 01224 1E Field 169
3N 12E 12440

CEMENT DATA:
 Spacer Type: Fresh water
 Amt. _____ Sks Yield: _____ ft³/sk Density _____ PPG

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 4 1/2 Type X-11 Weight _____ Collar _____

LEAD: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

Casing Depths: Top _____ Bottom _____

TAIL: Pump Time _____ hrs. Type 6/40
 Amt. 245 Sks Yield 1.39 ft³/sk Density 13.9 PPG
 WATER: Lead _____ gals/sk Tail 670 gals/sk Total 5444 Bbls.

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

Pump Trucks Used 417 Matt
 Bulk Equip. 410 Rob

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. 0.1422 Lin. ft./Bbl. 70.32
 Annulus: Bbls/Lin. ft. 0.0041 Lin. ft./Bbl. 242.7151

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Perforations: From _____ ft. to _____ ft. Amt. _____

Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Cliff Mayfield

CEMENTER Craig Barber

TIME		PRESSURES PSI		FLUID PUMPED DATA			REMARKS
AM/PM		DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
				6BL		4	1st Plug 3680 25SK
				1.6BL		4	2nd Plug 1830 25SK
				22BL		4	3rd Plug 1120 100SK
				9BL		4	4th Plug 260 40SK
				3BL		1	5th 1140 10SK
				5BL		1	Rathole 30SK
				3BL		1	Mouse hole 15SK
				(5480)			

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DAILY DRILLING REPORT

KCC/BBOT 43-5 BOX 400, TULSA OK 74101
1-800-331-7290

CONTRACTOR

Discoveries

TUESDAY

COMPANY
BLACK DIAMOND OIL, INC
LEASE
JME/V UNIT

DATE
1-27-09

DISTRICT
Rooks
COUNTY
KS
STATE

WELL NO. **1**
RIG NO. **1**
D. P. STRING NO.
SIZE

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

REMARKS:

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
0	218	Sand/Sha. s. clay	120	All	550	Larry Mlinek Sgt Ramo Dusty Rozan	8 8 8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
°	218 FT.						
DEC. OFF		JOB completed @ 1:15 PM 1/27/09					

REMARKS: 7:00 TO 9:00 Start up 9:00 TO 9:30 Drill Bot Hole, 9:30 TO 11:45 Dr: 11/45 - 12⁰⁰ L.R.C. 12⁰⁰ - 12⁴⁵ Deep SHAR-SHOT, TRIP OUT (RW 8⁰⁰), 12⁴⁵ - 1:00 L.R.C. P.S., 1:00 - 1:15 CEMENT P.S., 1:15 - 3:00 WOC.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
218	322	Sand + Shale	90	15 ⁰⁰⁰ 20 ⁰⁰⁰	550	Larry Mlinek Cory Adamson Chad Mayfield Jason Shewalter	8 8 8 8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
°	FT.						
DEC. OFF							

REMARKS: 3:00 - 9:15 WOC 9:15 - 11:00 Dr: 1/4

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DAILY DRILLING REPORT

KODIAK 43-5 BOX 808 TULSA OK 74101
1-800-451-2229

CONTRACTOR

Discovery Drilling Co INC

Wed.

DATE 1-28-09

COMPANY Black diamond oil Co.

LEASE J-ME IV UNIT

WELL NO. 1 RIG NO. 1

DISTRICT COUNTY ROOKS

STATE KS

D. P. STRING NO. SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
322	922	sand & shale	90	2000	600+	Kenny Jones	8
						Stan Lovelady	8
						John Mehl	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
DEG. OFF							

Terry Jones 8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	6	SIZE D. P.	
SIZE	7/8	WTR. LOSS C.C.		CORING	CON 1/2	SIZE COLL.	
MAKE	Gx20C	FILTER CAKE		OTHER	VR16 1/4	ITS D. P.	
SERIAL NO.	5146641	PH.		REPAIRS		KELLY DOWN	
DEPTH IN	218	MTL. ADDED (REMARKS)		TRIP		COLLARS	
HOURS RUN	7 1/4					TOTAL	

REMARKS: 1100-1115 VR16 @ 351 1115-545 Drill 545-600 @ 852 Jet #1 600-700 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
922	1354	Sand & Shale	90	3500	700+	Larry Mink	8
1354	1570	Sand				Randy Basyall	8
1570	1825	Shale & Sand				Dusty Praman	8
1825	1954	ACCIDENT: - Anky					
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
DEG. OFF							

2 in Frac @ SyRome 8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	5	SIZE D. P.	GEL-50
SIZE	7/8	WTR. LOSS C.C.		CORING	CON 2 1/2	SIZE COLL.	CAST-2
MAKE	Gx200	FILTER CAKE		OTHER	1/4	ITS D. P.	46-2 FT
SERIAL NO.	5146641	PH.		REPAIRS		KELLY DOWN	5 ASH-4 FT
DEPTH IN	218	MTL. ADDED (REMARKS)		TRIP		COLLARS	PKS-1/2 SK
HOURS RUN	12 1/4					TOTAL	AKLS-1/2

REMARKS: 7:00 to 7:15 Ser Rigs 945-7:15 to 12:00 Drill 12:00 to 12:15 Jet #1 @ 1636, 12:15 to 3:00 Dr. 11

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1856	1864	Anhydrite	80	3500	700 (25)	Justin Bunting	8
1864	2390	SAND & SHALE	90			Cory Adamson	8
						Chad Mayfield	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
DEG. OFF							

3 N Frac Jason Shaulter 8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	5 3/4	SIZE D. P.	25 Gel
SIZE	7/8	WTR. LOSS C.C.		CORING	CON 1 1/2	SIZE COLL.	2 SA
MAKE	Gx20C	FILTER CAKE		OTHER	1/4	ITS D. P.	1 C
SERIAL NO.	5146641	PH.		REPAIRS		KELLY DOWN	16 FT
DEPTH IN	218	MTL. ADDED (REMARKS)		TRIP		COLLARS	44 RP FT
HOURS RUN	18					TOTAL	2 HULLS

REMARKS: 3:00-3:15 Dr 1/2 3:15-3:30 Rig V @ 1888 3:30-3:45 Dr 1/2 3:45-4:00 Jet #1 @ 1919 4:00-9:00 Dr 1/2 9:00-9:15 Jet #2 @ 2351 9:15-11:00 Dr 1/2

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KCC WICHITA

DAILY DRILLING REPORT

43-5 BOX NO. 111 SA OK 74161
1-800-351-7280

CONTRACTOR

Discovery Drilling Co INC.

Thurs.

DATE 1-29-09

COMPANY

Blackdiamond oil co

LEASE

W MeV UNIT

WELL NO. 1

RIG NO. 1

DISTRICT

COUNTY

Books

STATE

KS

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2390	2740	Shale	80	35000	700+	Kenny Jones	8
						Staw Kovelady	8
						John mehl	8
SLOPE TEST		ACCIDENT: -					
@ FT.		(GIVE NAME)					
DES. OFF		Frac Full 1 for #2		(25)		Tevvy Jones 8	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	8.7	DRILLING	6 1/2	SIZE D. P.	Gel 50
SIZE	7 3/8	WTR. LOSS-C.C.	8.8	CORING	CON 1 1/4	SIZE COLL.	CON 2
MAKE	6x200	FILTER CAKE	1 1/2	OTHER	VR16 1/4	ITS D. P.	CON 3
SERIAL NO.	514641	PH.	11.00	REPAIRS		KELLY DOWN	SODA 4
DEPTH IN	218	MTL. ADDED (REMARKS)		TRIP	Jer 1/4	COLLAPS	DRIS 1/2
HOURS RUN	24 1/2			TOTAL		TOTAL	HULLS 4

REMARKS: 1100-1115 Drill 1115-1130 @ 2421 VR16 1130-130 Drill 130-145 @ 2515 Jet #1
145-700 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2740	3025	Shale	80	40000	775	Larry Mlinak	8
						Randy Baggall	8
						Dusty Roman	8
SLOPE TEST		ACCIDENT: -					
@ FT.		(GIVE NAME)					
DES. OFF		Change Oil + Filter + Air Filter Light		(50)		Syl Romc 8	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	8.7	DRILLING	6 1/4	SIZE D. P.	GEL-55
SIZE	7 3/8	WTR. LOSS-C.C.	8.8	CORING	CON 3/4	SIZE COLL.	CHUST-2
MAKE	6x200	FILTER CAKE	1 1/2	OTHER	1/4	ITS D. P.	LIG-1
SERIAL NO.	514641	PH.	11.00	REPAIRS		KELLY DOWN	S.ASH-13
DEPTH IN	218	MTL. ADDED (REMARKS)		TRIP	3/4	COLLAPS	DRIS-14
HOURS RUN	30 3/4			TOTAL		TOTAL	HULLS-8

REMARKS: 7:00 to 7:15 Drill, 7:15 to 7:20 Set Rig @ 2767, 7:30 to 7:45 Jet #2 @ 2767, 7:45 to 11:00 Drill
11:00 to 11:15 Clean Section @ 2989, 11:15 to 11:30 Drill, 11:30 to 12:00 Jet #1 After this is in contact
@ 2902, 12:00 to 3:00 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3025	3305	Shale	80	40000	775	Justin Banting	8
						Corey Adamson	8
						Larry Mlinak	8
SLOPE TEST		ACCIDENT: -					
@ FT.		(GIVE NAME)					
DES. OFF		Treatment Tank		(25)		Lason Shroatter 8	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.8	DRILLING	7	SIZE D. P.	15-Gel
SIZE	7 3/8	WTR. LOSS-C.C.	55+	CORING	CON 3/4	SIZE COLL.	3-SA
MAKE	6x200	FILTER CAKE		OTHER	1/4	ITS D. P.	2-C
SERIAL NO.	514641	PH.		REPAIRS		KELLY DOWN	1-L
DEPTH IN	218	MTL. ADDED (REMARKS)		TRIP		COLLAPS	12-Sk Pae
HOURS RUN	37 3/4			TOTAL		TOTAL	10-HULLS

REMARKS: 3:00-3:15 Drlg, 3:15-3:30 Rig @ 3049, 3:30-11:00 Drlg Add Treatment 3299

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KCC WICHITA

DAILY DRILLING REPORT

HEADQUARTERS 43-5 BCK BLDG. WILSA CR 74101
1-800-321-7231

CONTRACTOR

Discovery Drilling Co Inc.

Fri

DATE 1-30-09

COMPANY Black Diamond Oil Co

LEAS JME/VWIT

WELL NO. 1

FIG NO. 1

DISTRICT Rooks

COUNTY KS

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.	
3325	3480	Shale & Lime	80	40000	700+	Kenny Jones	8	
							Stan Lovelady	8
							Ryan Lovelady	8
(1 HR Daywork)								
SLOPE TEST							ACCIDENT: -	
							(GIVE NAME)	
DEG. OFF							25	
							Tevy Jones	8

BIT AND COREHEAD RECORD		3:00 AM RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	8.9	DRILLING	6 1/4	SIZE D. P.	
SIZE	7 7/8	VISC.	56t	CORING	CON	SIZE COLL.	
MAKE	GX20C	WTR. LOSS-C.C.		OTHER	VRL 1/2	JTS. D. P.	
SERIAL NO.	514641	FILTER CAKE		REPAIRS		FE.	
DEPTH IN	218	PH.		TRIP		FE.	
HOURS RUN	44	MTL. ADDED (REMARKS)				FE.	

REMARKS: 1100-1200 Drill 1145-1200 @ 3331 VRL 61200-600 Drill 600-700 CFS @ 3480

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.	
3480					750	Larry Mlinick	8	
							Randy Basyal	8
							Dusty R. 1200	8
(8 HRS Daywork)								
SLOPE TEST							ACCIDENT: -	
							DST #1 3419-3480	
DEG. OFF							60	
							S. I. 1900	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	8.9	DRILLING		SIZE D. P.	
SIZE	7 7/8	VISC.	49	CORING		SIZE COLL.	
MAKE	GX20C	WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.	514661	FILTER CAKE		REPAIRS		FE.	
DEPTH IN	218	PH.		TRIP	Short 1 1/2	FE.	
HOURS RUN	44	MTL. ADDED (REMARKS)			DST #1 5 1/4	FE.	

REMARKS: 7:00 to 7:15 CFS @ 3480 7:15 to 8:45 Short Trip (20) 7:15 to 9:45 CFS @ 3480
To 1:30 CFS @ 1200 1:55 Strip Pipe Pick-up pool + Trip in W/Tool 1:30 to 3:00 OBW/TEST

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.	
3480	3534	Shale + Lime	80	40000	750	Justin Bunting	8	
							Corey Adamsari	8
							Chad Maxwell	8
(4 HRS Daywork)								
SLOPE TEST							ACCIDENT: -	
							DST #1 3419-3480 W/Anchor	
DEG. OFF							60-30-Flush Tool = 15	
							Rec 50' Mud	
							Jason Showalter	8

BIT AND COREHEAD RECORD		10:00 RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	8.9	DRILLING	3 3/4	SIZE D. P.	10-081
SIZE	7 7/8	VISC.	55t	CORING	CON	SIZE COLL.	3-5A
MAKE	GX20C	WTR. LOSS-C.C.		OTHER	PUMP	JTS. D. P.	2C
SERIAL NO.	515641	FILTER CAKE		REPAIRS		FE.	
DEPTH IN	218	PH.		TRIP	Circ 1/2	FE.	
HOURS RUN	48 1/4	MTL. ADDED (REMARKS)			DST #1 3 1/4	FE.	

REMARKS: 3:00-3:30 OBW/TEST 3:30-4:45 Pull Test / Landed Tool 4:45-6:15 MW/Dit 6:15-6:45 Drlg
6:45-7:00 PUMP 7:00-10:30 Drlg 10:30-11:00 CFS @ 3534

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KCC WICHITA

DAILY DRILLING REPORT

CONTRACTOR
 NUMBER 43-5
 BOX 800, LULSA OK 74101
 1-800-331-7290

DISCOVERY Drilling Co. Inc.

DATE Sat.
 1-31-09

COMPANY Blackdiamond oil co
 LEASE JME/V unit
 COUNTY Rocks STATE KS

WELL NO. 1
 HIG NO. 1
 D.P. STRING NO. 1
 SIZE 1

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3534	3564	shale & Lime	80	40000	700	Kenny Jones	8
							8
							8
							8
							8

(3 3/4 hrs Daywork)

TEVY JONES 8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	2	WEIGHT	8.9	DRILLING	1 3/4	SIZE D.P.	
SIZE	7/8	VISC.	5 1/2	CORING CON	1 1/4	SIZE COLL.	
MAKE	Gx20C	WTR. LOSS-C.C.	8.0	OTHER	1 1/4	JIS D.P.	
SERIAL NO.	5146641	FILTER CAKE	1 3/4	TRIP	3 3/4	KELLY DOWN	
DEPTH IN	218	PH.	11			COLLARS	
HOURS RUN	50	MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 11:00-11:45 CFSG @ 3534 11:45-12:45 Drill 12:45-1:00 @ 3550 VRIG 1:00-1:45 Drill 1:45-2:45 CFSG @ 3560 2:45-3:15 Drill 3:15-4:30 OUT W/ BIT 4:30-6:15 IN W/ BIT 6:15-7:00 Stuck

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3564	3708	Shale & lime	80	40000	700	Larry M. Liner	8
							8
							8
							8

(1 hrs Daywork)

Syl Moore 8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	2	WEIGHT	8.9	DRILLING	6 1/4	SIZE D.P.	
SIZE	7/8	VISC.	5 1/2	CORING CON	1 1/4	SIZE COLL.	GEL-5
MAKE	Gx20C	WTR. LOSS-C.C.	8.0	OTHER	1 1/4	JIS D.P.	DRIS-1/2
SERIAL NO.	5146641	FILTER CAKE	1 3/4	TRIP	3 3/4	KELLY DOWN	
DEPTH IN	218	PH.	11			COLLARS	
HOURS RUN	56 1/2	MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 7:00 TO 7:30 Room tub bottom 7:30 TO 8:15 CABT 8:15 TO 11:30 DRILL 11:30 TO 12:45 PUMP 1:15 TO 3:00 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3708	3760	SHALE + LIME	80	40,000	700	JUSTIN BUNTING	8
							8
							8
							8

(5 3/4 hrs Daywork)

STAN LOVELADY 8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	2	WEIGHT	9.2	DRILLING	1 3/4	SIZE D.P.	
SIZE	7/8	VISC.	6DT	CORING CON	1 1/4	SIZE COLL.	
MAKE	Gx20C	WTR. LOSS-C.C.		OTHER	1 1/4	JIS D.P.	
SERIAL NO.	5146641	FILTER CAKE		TRIP	3 3/4	KELLY DOWN	
DEPTH IN	218	PH.				COLLARS	
HOURS RUN	58	MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 3:00-4:15 Delq. 4:15-4:30 Riq @ 3759 4:30-5:15 Delq. 5:15-6:15 Circ @ 3760 6:15-8:00 Trip out for Log 8:00-11:00 Logging

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KCC WICHITA

DAILY DRILLING REPORT

CONTRACTOR
 DISCOVERY Drilling Co. INC

DATE
 SUN.

COMPANY
 Black diamond oil co.

LEASE
 Umer/V Unit

WELL NO.
 2-1-09

DISTRICT
 ROOKS

COUNTY
 ROOKS

STATE
 KS

D. P. STRING NO.

RIG NO.
 1

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3760		Shale & Lime			700	Kenny Jones	8
3748		Loggers T.D. (8 hrs dry hole)				JASON Showalter	8
						John mehl	8

SLOPE TEST		ACCIDENT: (GIVE NAME)	BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
DEPTH	PT.		RUN NO.	WEIGHT	DRILLING	DRILLING	DRILLING	DRILLING	DRILLING	DRILLING
			2	8.9	DRILLING	DRILLING	DRILLING	DRILLING	DRILLING	DRILLING

REMARKS: 100-115 Logging 115-130 INW BIT 130-300 CAL 300-430 OUTW BIT
 430-500 MAKEUP TOOL 500-715 INW TOOL 715-700 TOB

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3760	RTA	Arbuckle				Levy Mlinak	8
						Randy Bossell	8
						Dusty Proctor	8

SLOPE TEST		ACCIDENT: (GIVE NAME)	BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
DEPTH	PT.		RUN NO.	WEIGHT	DRILLING	DRILLING	DRILLING	DRILLING	DRILLING	DRILLING
					DRILLING	DRILLING	DRILLING	DRILLING	DRILLING	DRILLING

REMARKS: 7:00 TO 7:15 OB w/rt 7:15 TO 8:30 Pull test. 8:30 TO 10:00 Pick up tool + Trip in w/ DST #3, 10:00 TO 11:15 OB w/
 DST #3 11:15 TO 1:00 Pull Test Log down + tool, 1:00 TO 3:00 Log down DC & Run Plug, 3:00 TO 4:15

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3760	RTS	3680 - 25SKS				JUSTIN BUNTING	8
		1830 - 25SKS				Coly ADAMSON	8
		1120 - 100SKS				RYAN LOVELADY	8
		260 - 40SKS					

SLOPE TEST		ACCIDENT: (GIVE NAME)	BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
DEPTH	PT.		RUN NO.	WEIGHT	DRILLING	DRILLING	DRILLING	DRILLING	DRILLING	DRILLING
					DRILLING	DRILLING	DRILLING	DRILLING	DRILLING	DRILLING

REMARKS: 3:00 - 3:30 Run plugging STOS IN. 3:30 - 7:00 plug hole. 7:00 - 11:00 TEAR DOWN.
 Rig RELEASED @ 7:30 P.M. 2-1-09.