

ORIGINAL

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

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

3/26/2008 4/1/2008 4/2/2008  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 167-23,504-0000  
County: Russell  
Appx. N/2 S/2 NW Sec. 1 Twp. 12 S. R. 15  East  West  
1628 feet from S / (N) (circle one) Line of Section  
2310 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE (NW) SW  
Lease Name: Newman Well #: 1  
Field Name: Wildcat

Producing Formation: None  
Elevation: Ground: 1747 Kelly Bushing: 1755  
Total Depth: 3310 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 422.85 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.  
(15sks In Rat Hole)(10sks In Mouse Hole) P-A-Dlg - 7/3/08

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content 16,000 ppm Fluid volume 240 bbls  
Dewatering method used Hauled free fluid  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: KSC Oil  
Lease Name: Johnson #2(SWD) License No.: 31250  
Quarter SW Sec. 35 Twp. 13 S. R. 15  East  West  
County: Russell Docket No.: D-20393

**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: [Handwritten Signature]  
Title: Office Manager Date: 4-29-08  
Subscribed and sworn to before me this 29<sup>th</sup> day of April,  
2008  
Notary Public: [Handwritten Signature]  
Date Commission Expires: 5/21/2011

**KCC Office Use ONLY**

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

Operator Name: Black Diamond Oil, Inc. Lease Name: Newman Well #: 1  
 Sec. 1 Twp. 12 S. R. 15  East  West County: Russell

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

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

Compensated Density, Micro, Dual Induction & Sonic

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Anhydrite	827	+928
Topeka	2615	-860
Heebner	2866	-1111
Lansing KC	2918	-1163
BKC	3174	-1419
Arbuckle	3248	-1493

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	422.85	Common	210	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
		RECEIVED KANSAS CORPORATION COMMISSION  MAY 02 2008  CONSERVATION DIVISION WICHITA, KS	

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

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

# ALLIED CEMENTING CO., LLC. 34602

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

SERVICE POINT:  
Russell

DATE <u>3-27-08</u>	SEC <u>1</u>	TWP <u>12</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION	JOB START <u>5:30am</u>	JOB FINISH <u>6:00am</u>
LEASE <u>Newman</u>	WELL # <u>1</u>	LOCATION <u>Paradise 180th Rd</u>			COUNTY <u>Russell</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		<u>3/45 Einto Canyon Rd N Stop Sign</u>					

CONTRACTOR D. Scovery #2 OWNER 1/4E 2 1/2 N Einto

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 423 CEMENT AMOUNT ORDERED 210 Com 3% bcc

CASING SIZE 8 5/8 23# DEPTH 422 2010 bcc

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 30

PERFS.

DISPLACEMENT 25 Bl

EQUIPMENT

PUMP TRUCK CEMENTER Craig

# 409 HELPER Adrian

BULK TRUCK

# 410 DRIVER Chris B.

BULK TRUCK

# DRIVER

COMMON	<u>210</u>	@	<u>12.15</u>	<u>2551.50</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>18.25</u>	<u>73.00</u>
CHLORIDE	<u>7</u>	@	<u>51.00</u>	<u>357.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>221</u>	@	<u>2.00</u>	<u>453.00</u>
MILEAGE	<u>94.5</u>	@	<u>3.10</u>	<u>293.35</u>
TOTAL				<u>3732.90</u>

REMARKS:  
Cement Circulated!

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>893.00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>15</u>	@	<u>7.00</u>
MANIFOLD	@		
	@		
TOTAL <u>998.00</u>			

CHARGE TO: Black Diamond

STREET \_\_\_\_\_

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

PLUG & FLOAT EQUIPMENT

<u>1 8 5/8 wooden Plug</u>	@	<u>66.00</u>
	@	
	@	
	@	
TOTAL <u>66.00</u>		

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 Thomas Alm

SIGNATURE Thomas Alm

SALES TAX (if Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

RECEIVED  
KANSAS CORPORATION COMMISSION  
MAY 02 2008  
CONSERVATION DIVISION  
WICHITA, KS

# ALLIED CEMENTING CO., LLC. 32753



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

SERVICE POINT: Russell

DATE <u>4-2-08</u>	SEC <u>1</u>	TWP <u>12</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30</u>	JOB FINISH <u>8:00</u>
LEASE <u>Newman</u>	WELL # <u>1</u>	LOCATION			COUNTY <u>Newman</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR Discovery Drilling #52  
 TYPE OF JOB Rotary Plug  
 HOLE SIZE 9 7/8 T.D. 3310  
 CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2 DEPTH 3200  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_

**EQUIPMENT**

PUMP TRUCK CEMENTER Shane  
 # 366 HELPER Chris H.  
 BULK TRUCK \_\_\_\_\_  
 # 362 DRIVER Neil  
 BULK TRUCK \_\_\_\_\_  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

3200 25 sks  
850 25 sks  
922 20 sks  
40 10 sks  
Rot Hole 150 ft. Main Hole 10 ft.

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

*Thank's!*

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]

OWNER \_\_\_\_\_  
 CEMENT AMOUNT ORDERED 15.5 6 1/4 926-1  
1/2 1 1/2

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

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 MAY 02 2008  
 CONSERVATION DIVISION  
 WICHITA, KS

HANDLING \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_

**SERVICE**

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

TOTAL \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
Dry Hole 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.

DAILY DRILLING REPORT

FORM 43-5 BCR 600 TULSA OK 74101 1-000-351-7250

CONTRACTOR: Discovery Drilling Center DATE: Wednesday April 2, 2008  
 COMPANY: Black Diamond Oil, Inc. LEASE: Newman WELL NO.: 11 RIG NO.: 2  
 DISTRICT: Russell COUNTY: Russell STATE: KS D. P. STRING NO.: 2 SIZE: 2

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3255	3310	Arbuckle	80	35,000	200	John Walker	8
RTD	3310					Ken Lamb	8
LTD	3310	(6 1/2 hrs Newwork)				John Walker	8
SLOPE TEST		ACCIDENT: (GIVE NAME)					
4 @ 3310							
1 1/2 DEG. OFF							

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	42	WEIGHT		DRILLING		SIZE D. P.	
SIZE	7/8	VISC.		CORING	1/4	SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIR	2	KELLY DOWN	FT.
DEPTH IN	42	PH.		TRIP	134 Circ 2 1/4	COLLARS	FT.
HOURS RUN	6234	MTL. ADDED (REMARKS)			Set 1/4	TOTAL	FT.

REMARKS: 11:25-11:45 Drill 11' 3260 1:00-1:15 Set  
Water Add Tank 1:15-2:15 2 1/2 to 3 Circ 3:00-3:15  
5:00-5:15 Plug @ 3310

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3310	RTD	Arbuckle				Ken Lamb	8
		1st Plug @ 3310 - 3166				Ray Bennett	8
						Ray Bennett	8
SLOPE TEST		ACCIDENT: (GIVE NAME)					
@							
DEG. OFF							

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	3	WEIGHT		DRILLING		SIZE D. P.	
SIZE	7/8	VISC.		CORING		SIZE COLL.	
MAKE	CX200	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	5133334	FILTER CAKE		REPAIR	5	KELLY DOWN	FT.
DEPTH IN	423	PH.		TRIP	10	COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)			LOGGING 2 1/2	TOTAL	FT.

REMARKS: 7:00-9:15 Logging 9:15-10:45 Rig down  
TRIP IN 12:45 12:45-1:45 Full m 1:45-2:00  
3:00-3:15 Plug @ 3310

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3310	RTD	1st Plug @ 3700 w/ 25 SKS				Larry Braun	8
		2nd Plug @ 850 w/ 25 SKS				Karl Dinkel	8
		3rd Plug @ 477 w/ 70 SKS				Mike Jensen	8
SLOPE TEST		ACCIDENT: (GIVE NAME)					
@		Plug @ 40' w/ 10 SKS					
DEG. OFF		Rat 15 SKS					
		Mouse 10 SKS					

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	Collars 1 1/2	JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIR	Plug in 1 1/2	KELLY DOWN	FT.
DEPTH IN		PH.		TRIP	2 1/2	COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)			Teardown 3	TOTAL	FT.

REMARKS: 3:00-4:30 Lay Down Collars 4:30-5:30 Trip in w/ Plug @ 3310  
5:30-8:00 Plugging  
8:00-11:00 Tear Down

RECEIVED  
 KANSAS CORPORATION COMMISSION

DAILY DRILLING REPORT

Kearney 43-5 BOX 800, TULSA OK 74101  
1-800-334-2280

CONTRACTOR

Discriminy Drilling Co Inc

DATE

Tuesday  
April 1, 2008

COMPANY

Blair 1 Mont Oil Inc

LEASE

Newman

WELL NO.

1

RIG NO.

2

DISTRICT

COUNTY

Rawl

STATE

KS

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3058	3165	2 1/2" ARB	80	35,000	800	James Whitaker	8
		(3 3/4 HRS Daywork)				Ken Lamber	8
						James Whitaker	8
SLOPE TEST		ACCIDENT: (GIVE NAME)					
DEG. OFF							
				DRLR		Justin K. Newson	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT	8.7	DRILLING	3 1/2	SIZE D. P.	
SIZE	7 7/8	VISC.	53	CORING	12	SIZE COLL.	
MAKE	6" 200	WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	123	PH.		TRIP		COLLARS	FT.
HOURS RUN	59 1/4	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 3058 to 3165 11:15 to 12:45 Drlg. 12:45 to 1:00 Drlg. 1:00 to 1:15 Drlg. 3070 to 3115 1:15 to 2:15 Drlg. 3:30 to 4:05:00 Drlg. 4:05:00 to 5:45 C.F.S. 5:45 to 7:00 Drlg.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3165	3255	4" KC ARB	80	35,000	800	KENNETH ZANN	8
		DST#4 (3165-3255) 64 VINA CONE/PAK				BEYANT HART	8
						RAY BARNISTON	8
SLOPE TEST		ACCIDENT: (GIVE NAME)					
DEG. OFF							
				DRLR		DAVE WESLINGER	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	3 7/8	WEIGHT	8.8	DRILLING	2 1/2	SIZE D. P.	HULLS 15
SIZE	3 7/8	VISC.	54	CORING	14	SIZE COLL.	CEL 5
MAKE	Cox 200	WTR. LOSS-C.C.	46	OTHER	1/4	JTS. D. P.	FT.
SERIAL NO.	513334	FILTER CAKE	1/32	REPAIRS		KELLY DOWN	FT.
DEPTH IN	423	PH.	95	TRIP	3 1/4	COLLARS	FT.
HOURS RUN	6 3/4	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 7:00 to 7:15 Drlg @ 3165-7:15 to 8:00 Drlg 8:00 to 8:45 C.F.S. 3187 8:45 to 10:45 Drlg 10:45 to 12:15 C.F.S. 3255 12:15 to 1:15 SPALLING BIT 1:15 to 2:15 Drlg 2:15 to 3:15 Drlg

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3255		Arbuckle				Carry Braun	8
		(8 HRS Daywork)				Mark Dinkel	8
						Muse Jensen	8
SLOPE TEST		ACCIDENT: (GIVE NAME)					
DEG. OFF							
				DRLR		Terry Wickham	8

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

REMARKS: 3:00 - 3:15 3:15 to 4:15 Make up tool 4:15 to 5:15 Trip in w/ tool 5:15 to 8:15 Testing 8:15 to 9:15 Trip out w/ tool 9:15 to 10:15 Trip in w/ tool 10:15 to 11:15 Trip out w/ tool

RECEIVED  
KANSAS CORPORATION COMMISSION

MAY 02 2008

CONSERVATION DIVISION  
WICHITA, KS

TOOL  
PUSHER

DAILY DRILLING REPORT

BOX 630, TULSA, OK 74101  
1-800-331-7254

CONTRACTOR

Discovery Drilling Co, Inc

Monday

March 31, 2008

COMPANY

Black Diamond Oil, Inc

LEASE

Newman

DATE

WELL NO.

HIG NO.

1 2

DISTRICT

COUNTY

Reed

STATE

Ks

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2972	3010	Lansing/R.C.	80	35,000	800	Jason Winter	8
DST #2 (2929-3010)		81' Anchor				Kim Combs	8
		(6 1/4 hrs down)				Jerry Wray	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
Ø	FT.						
DEC. OFF							

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	1 1/4 CES 2 1/4	SIZE D. P.	GEL
SIZE	7/8	VISC.		CORING	1/4	SIZE COLL.	5.11
MAKE	QX20C	WTR. LOSS-C.C.		OTHER	R 1/4	KELLY DOWN	1.16
SERIAL NO.	5133334	FILTER CAKE		REPAIRS		COLLARS	
DEPTH IN	423	PH.		TRIP	1/2	TOTAL	
HOURS RUN	53 3/4	MTL. ADDED (REMARKS)			DST #2 3/4		

REMARKS: 1:00 to 2:30 Trip out w/Bit 1:10 to 1:30 D.L.G. 11:30 to 11:45 D.L.G. 11:45 to 12:00 R/S w/Ø 2975, 12:00 to 12:30 D.L.G. 12:30 to 1:45 D.L.G. 1:45 to 2:30 D.L.G. 2:30 to 3:45 D.L.G. 3:45 to 4:45 D.L.G. 4:45 to 5:45 M.L.G. 5:45 to 6:45 Trip out Tool

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
300	3058	LANSING/R.C.	80	35,000	800	KENDAL ZANN	8
		(6 hrs down)				BRYANT HOLT	8
						RAY BANISTER	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
Ø	FT.						
DEC. OFF							

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	3	WEIGHT	90	DRILLING	1 1/2	SIZE D. P.	GEL 10
SIZE	7/8	VISC.	98	CORING	1/4	SIZE COLL.	5.11
MAKE	QX20C	WTR. LOSS-C.C.	152	OTHER	1/4	KELLY DOWN	1.16
SERIAL NO.	5133334	FILTER CAKE		REPAIRS		COLLARS	
DEPTH IN	423	PH.		TRIP		TOTAL	
HOURS RUN	53 1/4	MTL. ADDED (REMARKS)			DST #2 5 3/4		

REMARKS: 7:00 to 9:45 Testing 9:45 to 10:45 Pull tool 10:45 to 11:45 Trip out w/Bit 11:45 to 12:45 Trip out w/Bit 12:45 to 1:30 D.L.G. 1:30 to 1:45 D.L.G. 1:45 to 2:45 D.L.G. 2:45 to 3:00 CES @ 3058

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3058		Lansing/R.C.	80	35,000	800	Larry Braun	8
		DST #3 (2981-3058)				Karl Dinkel	8
		71' Anchor				Mike Jensen	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
Ø	FT.						
DEC. OFF							

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING		SIZE D. P.	
SIZE	7/8	VISC.		CORING		SIZE COLL.	
MAKE	QX20C	WTR. LOSS-C.C.		OTHER		KELLY DOWN	
SERIAL NO.	5133334	FILTER CAKE		REPAIRS		COLLARS	
DEPTH IN	423	PH.		TRIP	3/4	TOTAL	
HOURS RUN		MTL. ADDED (REMARKS)			DST #3 7/4		

REMARKS: 3:00 to 3:45 D.L.G. 3:45 to 5:15 Trip out w/Bit 5:15 to 5:45 Make up Tool 5:45 to 6:45 Trip out w/Bit 6:45 to 9:45 Testing 9:45 to 10:45 Trip out w/Bit 10:45 to 11:00 Trip out w/Bit

PRINTED IN U.S.A. APPROVED

MAY 02 2008

CONSERVATION DIVISION WICHITA, KS

TOOL PUSHER

6:45 to 7:00 Trip out

RECEIVED

KANSAS CORPORATION COMMISSION



DAILY DRILLING REPORT

BOX 800, TULSA OK 74101  
1-800-331-7290

CONTRACTOR

Discovery Drilling Co., Inc

Sunday

DATE  
March 30, 2008

COMPANY

Black Diamond Oil, Inc

LEASE

Newman

WELL NO.

1

RIG NO.

2

DISTRICT

COUNTY

Russell

STATE

KS

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2730	2910	Shales/Lansing/K.C.	80	35,000	800	Jason Winters	8
		(34 HRS Newwork)				Kirk Lambert	8
						Terry Wray	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF							
						Justin Patterson	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	8.9	DRILLING	6 1/2	SIZE D. P.	30
SIZE	7 7/8	VISC.	50	CORING	1/2	SIZE COLL.	4
MAKE	6X20C	WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	2
SERIAL NO.	5133334	FILTER CAKE		REPAIRS		KELLY DOWN	2
DEPTH IN	423	PH.		TRIP		COLLARS	
HOURS RUN	30 1/4	MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 11:00 to 11:45 C/Lg 11:45 to 12:00 R/g 12:00 to 12:15 2754, 12:00 to 6:15 Drlg 6:15 to 7:00 C/S @ 2910.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2910	2972	LANSING/K.C.	80	35,000	800	KENDAL ZAND	8
						BRYANT HART	8
		DST#1 (2928-2972) 43' inc. 4cc Hex				RAY BANISTER	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
#3 @	2972 FT.	STIRAP SHOOT .81					
1/4	DEG. OFF	(5 1/4 HRS Newwork)				50A DATE BREWING	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	3	WEIGHT	8.8	DRILLING	2 1/4	SIZE D. P.	NONE
SIZE	7 7/8	VISC.	50	CORING	1/4	SIZE COLL.	
MAKE	6X20C	WTR. LOSS-C.C.	46	OTHER	1/4	JTS. D. P.	
SERIAL NO.	5133334	FILTER CAKE	1/2	REPAIRS	2 3/4	KELLY DOWN	
DEPTH IN	423	PH.	100	TRIP	1 1/4	COLLARS	
HOURS RUN	29 1/2	MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 7:00 to 7:30 C/S @ 2910 7:30 to 7:45 1816 @ 2912 7:45 to 10:15 Drlg 10:15 to 11:30 C/S @ 2912 11:30 to 12:45 SHOOT RIT 12:45 to 1:45 CTRK 1:45 to 2:00 12:00-4:00

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2972		Lansing/K.C.	80	35,000	800	Larry Braun	8
						Karl Dinkel	8
		(8 HRS Newwork)				Mike Jensen	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF							
						Terry Wickham	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.	
MAKE	6X20C	WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.	5133334	FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	423	PH.		TRIP		COLLARS	
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 3:00-3:15 Trip out w/ tool 3:15-4:00 Trip in w/ Tool 4:00-5:00 Trip in w/ Tool 5:00-8:00 Testing 8:00-9:15 Trip out w/ Tool 9:15-9:45 Trip in w/ Tool 9:45-10:00 Trip out w/ Tool

RECEIVED  
KANSAS CORPORATION COMMISSION

PRINTED IN U.S.A.

APPROVED

MAY 02 2008

TOOL PUSHER

CONSERVATION DIVISION  
WICHITA, KS

DAILY DRILLING REPORT  
 BOX 600 TULSA OK 74101  
 KRAVITZ 43-5 1-800-331-7299

CONTRACTOR: Discourry Drilling Co., Inc DATE: Saturday March 29, 2008  
 COMPANY: Black Diamond Oil, Inc LEASE: Newman WELL NO.: 1 RIG NO.: 2  
 DISTRICT: Russell COUNTY: KS D. P. STRING NO.: STATE: KS SIZE:

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2049	2290	Shales	80	25,000	800	* Jason Winters	8
						Kim Lamb	8
						Jerry Wray	8
							8
						Justin Patterson	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	6 3/4	SIZE D. P.	GEL
SIZE	7 1/2	VISC.		CORING	Conn 3/4	SIZE COLL.	S.A
MAKE	GK20C	WTR. LOSS-C.C.		OTHER	Rig 1/4	CAUSTIC	FT.
SERIAL NO.	5133334	FILTER CAKE		REPAIRS		KELLY DOWN	LIG
DEPTH IN	423	PH.		TRIP		HULLS	COLEARS
HOURS RUN	31	MTL. ADDED (REMARKS)			Jet 1/4	TOTAL	DRISPA

REMARKS: 11:00 to 11:15 Drlg, 11:15 to 11:30 Rig @ 2057, 11:30 to 3:30 D-lg 3:30 to 3:45 Jet #1 @ 2182, 3:45 to 7:00 Drlg

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2290	2540	SHALE	80	30,000	800	* KENDAL ZAND	8
						BRYANT HART	8
						X RAY EMMISTER	8
							8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	6 1/2	SIZE D. P.	Coal 28
SIZE	7 1/2	VISC.		CORING	Conn 3/4	SIZE COLL.	LIG 2
MAKE	GK20C	WTR. LOSS-C.C.		OTHER	Rig 1/4	CAUSTIC	FT.
SERIAL NO.	5133334	FILTER CAKE		REPAIRS		KELLY DOWN	SALT 2
DEPTH IN	423	PH.		TRIP		HULLS	4
HOURS RUN	31 1/2	MTL. ADDED (REMARKS)			JET 1/2	TOTAL	DRISPA 1/236

REMARKS: 7:00 to 7:30 Drlg 7:30 to 7:45 IRIG @ 3310 7:45 to 8:30 Drlg. 8:30 to 8:45 Jet #2 @ 2342 8:45 to 11:30 Drlg 11:30 to 11:45 Jet #2 @ 2342 to 3:00 Drlg

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2540	2730	Shales	80	35,000	800	Larry Braun	8
						Karl Dinkel	8
						X Mike Jensen	8
							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.	Coal 26
SIZE	7 1/2	VISC.	43	CORING	Conn 3/4	SIZE COLL.	Caustic 7
MAKE	GK20C	WTR. LOSS-C.C.		OTHER	IRig 1/4	LIG P.	1
SERIAL NO.	5133334	FILTER CAKE		REPAIRS		KELLY DOWN	SODA 2
DEPTH IN	423	PH.		TRIP	Pre-Mix 1/4	HULLS	4
HOURS RUN	13 3/4	MTL. ADDED (REMARKS)			Jet 1/2	TOTAL	Pac 1/4 Sack

REMARKS: 3:00 - 3:45 Drlg 3:45 - 4:00 IRIG @ 2563 4:00 - 4:45 Drlg 4:45 - 5:00 Clean Suction 5:00 - 5:45 Drlg 5:45 - 6:00 Jet #1 6:00 - 10:30 RECEIVED 10:30 - 10:45 Fill Pre-Mix 10:45 - 11:00 Drlg

CONSERVATION DIVISION WICHITA, KS

DAILY DRILLING REPORT

43-5 BOX 800, TULSA OK 74101  
1-800-331-7290

CONTRACTOR

Discovery Drilling Co., Inc

Friday

DATE  
March 28, 2008

COMPANY

Black Diamond O.L. Inc

LEASE

Newman

WELL NO.

1

RIG NO.

2

DISTRICT

COUNTY

Russell

STATE

KS

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
995	1545	Shales	80	20,000	700	Isaac Winters	8
						Kim Combs	8
						Jerry Wiley	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEC. OFF							
						Justin Peterson	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	5 3/4	SIZE D. P.	GEL 29
SIZE	7/8	VISC.		CORING	1 1/2	SIZE COLL.	S.A. 2
MAKE	GR200	WTR. LOSS-C.C.		OTHER	Rig 1/4	CAUSE	HUSTIC 1 FT.
SERIAL NO.	5133334	FILTER CAKE		REPAIRS		KELLY DOWN	LIG 1 FT.
DEPTH IN	423	PH.		TRIP		HULLS	COLLARS 4 FT.
HOURS RUN	1 1/4	MTL. ADDED (REMARKS)			Jet 1/2	TOTAL	CRISPAC 5 CUPS

REMARKS: 11:00 to 11:15 Drlg, 11:15 to 11:30 Rig @ 1013, 11:30 to 2:45 Drlg 2:45 to 3:00 Jet #1 @ 1298 & change red oil 3:00 to 6:00 Drlg 6:00 to 6:15 Jet #2 @ 1519, 6:15 to 7:00 Drlg

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1545	1808	SHALES	80	25,000	800	KENDAL ZAHN	8
						BRYANT HART	8
						RAY BANNISTER	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEC. OFF							
						DAVE DRIGGING	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	8	DRILLING	6 1/4	SIZE D. P.	Coel 18
SIZE	7/8	VISC.	9.4	CORING	3/4	SIZE COLL.	LIG 2
MAKE	GR200	WTR. LOSS-C.C.		OTHER	1/4	CAUSE	2 FT.
SERIAL NO.	5133334	FILTER CAKE		REPAIRS	1/4	KELLY DOWN	2 FT.
DEPTH IN	423	PH.		TRIP		HULLS	8 FT.
HOURS RUN	1 1/2	MTL. ADDED (REMARKS)			Jet 1/2	TOTAL	ARISAC 1/2 sec. FT.

REMARKS: 7:00 to 7:30 VRL @ 1551 & ADJUST BRAKES 7:30 to 11:00 DALL 11:00 to 11:15 Jet #1 @ 1709 11:15 to 1:30 DALL 1:30 to 1:45 Jet #2 @ 1772 1:45 to 3:00 DALL

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1808	2049	Shales	80	25,000	800	Larry Braun	8
						Karl Dinkel	8
						Mike Jensen	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEC. OFF							
						Terry Wickham	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	6 3/4	SIZE D. P.	Coel 20
SIZE	7/8	VISC.		CORING	3/4	SIZE COLL.	LIG =
MAKE	GR200	WTR. LOSS-C.C.		OTHER	Rig 1/4	CAUSE	= FT.
SERIAL NO.	5133334	FILTER CAKE		REPAIRS		KELLY DOWN	2 FT.
DEPTH IN	423	PH.		TRIP		HULLS	4 FT.
HOURS RUN	2 1/4	MTL. ADDED (REMARKS)			Jet 1/4	TOTAL	PAC = FT.

REMARKS: 3:00-3:30 Drlg 3:30-3:45 V Rig @ 1836 3:45-7:15 Drlg 7:15-11:30 Jet #1 @ 1930 7:30-11:00 Drlg

RECEIVED

PRINTED IN U.S.A.

APPROVED

KANSAS CORPORATION COMMISSION

TOOL  
PUSHER

MAY 02 2008

CONSERVATION DIVISION  
WICHITA, KS

DAILY DRILLING REPORT

KCA 43-5 HQ: 800, TULSA OK 74101 (405) 331-7200

CONTRACTOR

Wichita Energy Services Co., Inc.

DATE

Thursday  
March 27, 2008

COMPANY

Black Diamond Oil, Inc

LEASE

Heaman

WELL NO.

1

RIG NO.

2

DISTRICT

1

COUNTY

Lincoln

STATE

KS

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
163		Shales	100	10,000	500	Jason Winters	8
						Kim Combs	8
						Jerry Wray	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
1	@ 104	FT.					
2	@ 423	FT.					
1	@ 3/4	DEC. OFF					
2	@ 1/2	DEC. OFF					
BIT AND COREHEAD RECORD 4 1/2		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	1	WEIGHT		DRILLING	2 1/4	SIZE D. P.	
SIZE	1 1/4	VISC.		CORING Conn	1 W.O.C. 3/4	SIZE COLL.	
MAKE	max 509	WTR. LOSS-C.C.		OTHER Rigs	1/4	JTS. D. P.	FT.
SERIAL NO.	6033885	FILTER CAKE		REPAIR 5/8	1/4	KELLY DOWN	FT.
DEPTH IN	0	PH.		TRIP	1/4	COLLARS	FT.
HOURS RUN	6 3/4	MTL. ADDED (REMARKS)		Set	3/4 cement	TOTAL	FT.

REMARKS: 11:00 to 11:30 Drlg 11:30 to 12:00 Survey Trip & replace cat line & Rig @ 194, 12:00 to 3:15 Drlg 3:15 to 3:45 Circ / Introller King @ 423, 3:45 to 4:30 Trip out w/ Bit 4:30 to 5:45 Rig up to Run 5/8 & Run 1/2 5:45 to 6:15 Cement 6:15 to 7:00 W.O.C

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.	
423	475	sand & shales	90	15,000	700	KENAL ZAND	8	
						BRYANT HART	8	
						RAY BANISTER	8	
SLOPE TEST		ACCIDENT: - (GIVE NAME)						
@		FT.						
DEC. OFF								
BIT AND COREHEAD RECORD		MUD RECORD 2		TIME RECORD		DRILL STEM RECORD		
RUN NO.	2	WEIGHT		DRILLING	1/2	SIZE D. P.	Coel 24	
SIZE	7/8	VISC.		CORING Conn	1/4	SIZE COLL.	1/6 1	
MAKE	Co 200	WTR. LOSS-C.C.		OTHER		CAUSTIC	1 FT.	
SERIAL NO.	5133334	FILTER CAKE		REPAIR 1/2	1/2	KELLY DOWN	SOD 3 FT.	
DEPTH IN	423	PH.		TRIP		HOLES	4 FT.	
HOURS RUN	1/2	MTL. ADDED (REMARKS)		W.O.C.	7	TOTAL	1 USE FT.	

REMARKS: 7:00 to 2:00 W.O.C. 2:00 to 2:15 Drill Pipe & 50 cement 2:15 to 3:00 Drlg

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.	
475	828	sand & Shales	90	15,000	650	Larry Braun	8	
828	862	Anhydrite	80	20,000	700	Karl Dinkel	8	
862	995	shales				Mike Jensen	8	
SLOPE TEST		ACCIDENT: - (GIVE NAME)						
@		FT.						
DEC. OFF								
BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD		
RUN NO.	2	WEIGHT		DRILLING	5	SIZE D. P.	Coel 24	
SIZE	7/8	VISC.		CORING Conn	1 3/4	SIZE COLL.	1/4 1	
MAKE	Co 200	WTR. LOSS-C.C.		OTHER Rigs	1/4	CAUSTIC	1 FT.	
SERIAL NO.	5133334	FILTER CAKE		REPAIR Throttle	3/4	KELLY DOWN	SOD 3 FT.	
DEPTH IN	423	PH.		TRIP		HOLES	4 FT.	
HOURS RUN	5 1/2	MTL. ADDED (REMARKS)		Set	1/4	TOTAL	Pac W FT.	

REMARKS: 3:00-3:30 Drlg 3:30-4:30 Rig Install Down's Throttle & Drain Fluid from Air Lines 4:30-9:00 Drlg 9:00-9:15 Set # 1 Q885 9:15-11:00 Drlg

PRINTED IN U.S.A.

APPROVED

KANSAS CORPORATION COMMISSION

MAY 02 2008

TOOL PUSHER

CONSERVATION DIVISION WICHITA, KS

DAILY DRILLING REPORT

NEWBORN 4355 BOX 806 TULSA OK 74101  
1-800-331-7220

CONTRACTOR

Discovery Drilling Co., Inc

DATE

Wednesday  
March 26, 2008

COMPANY

Black Diamond

LEASE

Newman

WELL NO.

7

RIG NO.

2

DISTRICT

Russell

STATE

Ks

O. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						Jason Winters	8
						Kim Combs	8
						Jarvis Wray	8
SLOPE TEST		ACCIDENT: (GIVE NAME)					
DEG. OFF						Justin Pat...	8

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

REMARKS: 7:00 to 3:00 Run on Newm #1

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
0		TOPSOIL, PESTONE	100	2000	600	LEANN ZAND	8
						BRYANT HART	8
						RAY BANNISTER	8
SLOPE TEST		ACCIDENT: (GIVE NAME)					
DEG. OFF						DATE DRILLING	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING		SIZE D. P.	
SIZE	7/8	VISC.		CORING		SIZE COLL.	
MAKE	Coloil	WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	FT.
SERIAL NO.	6033885	FILTER CAKE	U	REPAIRS		KELLY DOWN	FT.
DEPTH IN	0	PH.	D	TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)		TOTAL	6:34		FT.

REMARKS: 7:00 to 1:45 LOADOUT MY #21-1 FROM UPD 1:45 to 3:00 RATHOLE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
0	103	Post Rock	100	All	500	Kenneth Brown	8
						Karl Dinkel	8
						Mike Jensen	8
SLOPE TEST		ACCIDENT: (GIVE NAME)					
DEG. OFF						TEMP WICKHAM	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	1	WEIGHT		DRILLING	4 1/2	SIZE D. P.	15
SIZE	12V4	VISC.		CORING	3 1/4	SIZE COLL.	5
MAKE	MXCSD9	WTR. LOSS-C.C.		OTHER	Rat	JTS. D. P.	FT.
SERIAL NO.	6033885	FILTER CAKE		REPAIRS	2 3/4	KELLY DOWN	FT.
DEPTH IN	0	PH.		TRIP		COLLARS	FT.
HOURS RUN	4 1/2	MTL. ADDED (REMARKS)		TOTAL			FT.

REMARKS: 3:00 - 5:45 Rathole 5:45 - 11:00 DLQ

RECEIVED  
KANSAS CORPORATION COMMISSION

MAY 02 2008

CONSERVATION DIVISION  
WICHITA, KS

PRINTED IN U.S.A.

APPROVED

TOOL  
PUSHER



**DRILLING MUD REPORT**

REPORT NO. **4**

DATE	4-1	20 08	DEPTH	3254
APT WELL NO.		STATE	COUNTY	WELL
				SIT

OPERATOR: **Black Diamond Oil, Inc**  
 ADDRESS: **Co**  
 REPORT FOR MR.: **Kenny Velige / Tony Richardson (Hub)**  
 WELL NAME AND NO.: **Newman #1**  
 CONTRACTOR: **Discovery Drilling**  
 ADDRESS: **Rig**  
 REPORT FOR MR.: **Tom Allen**  
 FIELD OR BLOCK NO.: **Russell**  
 COUNTY AREA: **Russell**  
 STATE: **Ks**  
 RIG NO.: **42**  
 SPUD DATE: **3-26-08**  
 SECTION, TOWNSHIP, RANGE: **1-25-15W**

Drilling Assembly			Casing		Mud Volume (BBL)		Circulation Data			
Bit Size	7 7/8	No. Bits	Surfaces	8 5/8 @ 423 Ft.	Hole	255	Pits	400	Pump Size x in.	6 x 14
Drill Pipe Size	4 1/2	Type	Intermediate		Total Circulating Volume	655			Pump Make, Model	Assumed
Drill Collar Size	6 1/4	Length	Production of Liner		Mud Up Depth	2580			Bbl/Stroke	Stroke/Min.
Bit RPM		Weight on Bit							Bbl/Min.	Gal/Min.
Last Bit No.		Present Activity			Mud Type	Chemical mud			Elevation	Total Circ Time (Min.)

Sample from  Flowline  Pit  
 Flowing Temperature  F

MUD PROPERTIES	
Time Sample Taken	11 AM
Depth (ft.)	3254
Weight <input checked="" type="checkbox"/> (ppg) <input type="checkbox"/> (lb./cu. ft.)	8.7
Mud Gradient (psi/ft.)	.452
Funnel Viscosity (sec./qt.) API at °F	51
Plastic Viscosity cp at / °F	18
Yield Point (lb./100 sq. ft.)	16
Gel Strength (lb./100 sq. ft.) 10 sec./10 min.	12/15 / /
pH <input checked="" type="checkbox"/> Strip <input type="checkbox"/> Meter	9.5
Filtrate API (ml./30 min.)	9.6
API HP-HT Filtrate (ml./30 min.) °F	
Cake Thickness 32nd in. API <input checked="" type="checkbox"/> MP - HT <input type="checkbox"/>	.5
Alkalinity, Mud (Pm)	.5
Alkalinity, Filtrate (Pl / Ml)	.21 - / /
Salt <input type="checkbox"/> ppm <input type="checkbox"/> Chloride <input type="checkbox"/> ppm	6000
Calcium <input type="checkbox"/> ppm <input type="checkbox"/> Gyp (ppb)	40
Sand Content (% by Vol.)	Trace
Solids Content (% by Vol.)	2.5
Oil Content (% by Vol.)	
Water Content (% by Vol.)	97.5
LCM, #/bbl	1 1/2
Methylene Blue Capacity <input type="checkbox"/> (mud) <input type="checkbox"/> (water, #/bbl, bent.)	

Mud Used:

10 H&L	109.50
2 Adva-tek	41.90
2 Capatin	101.50
1 Lignite	21.95
Slurries	
Dryer	

Daily Cost: \$ 274.85  
 Cumulative Cost: \$ 5340.15

**MUD PROPERTIES SPECIFICATIONS**

WEIGHT	9.0-9.4	VISCOSITY	50-55	FILTRATE	10-12cc
--------	---------	-----------	-------	----------	---------

BY AUTHORITY:  OPERATOR'S WRITTEN  DRILLING CONTRACTOR  
 OPERATOR'S REPRESENTATIVE  OTHER

- RECOMMENDED TREATMENT**
- Suggest in presence of pit mud to mix.
  - 10-15 H&L for LCM
  - 
  - Maintain viscosity @ 50-55 cp for
  - for testing or logging.
  - 
  - Always keep hole full & pipe moving

REMARKS:

Spent trip pipe, circulate & condition hole prior to coming out.

Thank You!

THE RECOMMENDATIONS MADE HEREON SHALL NOT BE CONSTRUED AS AUTHORIZING THE INFRINGEMENT OF ANY VALID PATENT, AND ARE MADE WITHOUT ASSUMPTION OF ANY LIABILITY BY ANDY'S MUD & CHEMICAL CO., OR ITS AGENTS, AND ARE STATEMENTS OF OPINION ONLY.

ENGINEER: **Wendy Rector**  
 WAREHOUSE LOCATION: **Hays, Ks**  
 TELEPHONE: **785-625-3531**  
 cell # 785-656-3039

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 MAY 02 2008  
 CONSERVATION DIVISION  
 WICHITA, KS



**DRILLING MUD REPORT** REPORT NO. 3

DATE 3-31 2008 DEPTH 3010

APT WELL NO.	STATE	COUNTY	WELL	S/T

OPERATOR <u>Black Diamond Oil, Inc</u>	CONTRACTOR <u>Discovery Only</u>	RIG NO. <u>#2</u>
ADDRESS <u>Co.</u>	ADDRESS <u>Rig</u>	SPUD DATE <u>3-26-08</u>
REPORT FOR MR. <u>Kenny Vehige</u>	REPORT FOR MR. <u>Tom Alon</u>	SECTION, TOWNSHIP, RANGE <u>1-12S-15W</u>
WELL NAME AND NO. <u>Newman #1</u>	FIELD OR BLOCK NO. <u>Russell</u>	COUNTY AREA <u>Ks</u>

Drilling Assembly			Casing		Mud Volume (BBL)		Circulation Data		
Bit Size <u>7 7/8</u>	No. Bits	Jet Size	Surface <u>8 7/8</u>	FL <u>423</u>	Hole <u>240</u>	Pits <u>400</u>	Pump Size x in. <u>6 x 14</u>	Annual Val (F/Min) DP <u>197</u>	DC <u>356</u>
Drill Pipe Size <u>4 1/2</u>	Type <u>XH</u>	Length	Intermediate <u>9</u>	FL	Total Circulating Volume <u>640</u>		Pump Make, Model	Assumed Eff.	Circulation Pressure (PSI) <u>800+</u>
Drill Collar Size <u>6 1/4</u>	Length	No. Pits	Production Liner <u>9</u>	FL	Mud Up Depth <u>2580</u>	Bbl/Stroke <u>.139</u>	Stroke/Min. <u>60</u>	Bottoms Up (Min.) <u>30</u>	
Bit RPM	Weight on Bit <u>30000</u>					Rb/Min. <u>8.0</u>	Gal/Min. <u>336</u>	Total Circ Time (Min.)	
Last Bit No.	Present Activity <u>DST #2</u>	Mud Type <u>Chemical mud</u>				Elevation <u>1747</u>	Gal <u>62</u>	<u>30</u>	

Sample from  Flowline ( ) Pit  
 Flowing Temperature F

**MUD PROPERTIES**

Time Sample Taken	<u>11AM</u>
Depth (ft.)	<u>3010</u>
Weight <input checked="" type="checkbox"/> (ppg) <input type="checkbox"/> (lb./cu. ft.)	<u>9.0</u>
Mud Gradient (psi/ft.)	<u>.468</u>
Funnel Viscosity (sec./qt.) API at °F	<u>48</u>
Plastic Viscosity cp at / °F	<u>18</u>
Yield Point (lb./100 sq. ft.)	<u>14</u>
Gel Strength (lb./100 sq. ft.) 10 sec./10 min.	<u>9/15</u>
pH <input checked="" type="checkbox"/> Strip <input type="checkbox"/> Meter	<u>9.5</u>
Filtrate API (ml/30 min.)	<u>10.2</u>
API HP-HT Filtrate (ml/30 min.) °F	<u>---</u>
Cake Thickness 32nd in. API <input checked="" type="checkbox"/> HP - HT <input type="checkbox"/>	<u>32</u>
Alkalinity, Mud (Pm)	<u>.6</u>
Alkalinity, Filtrate (PI / Mf)	<u>.31</u>
Salt <input type="checkbox"/> ppm <input type="checkbox"/> Chloride <input type="checkbox"/> ppm	<u>6000</u>
Calcium <input checked="" type="checkbox"/> ppm <input type="checkbox"/> Gyp (ppb)	<u>40</u>
Sand Content (% by Vol.)	<u>Trace</u>
Solids Content (% by Vol.)	<u>4.6</u>
Oil Content (% by Vol.)	<u>---</u>
Water Content (% by Vol.)	<u>95.4</u>
LCM, #/bbl	<u>3</u>
Methylene Blue Capacity <input type="checkbox"/> (initial mud) <input type="checkbox"/> (separ. 40% bbl)	<u>---</u>

DST #1 @ 2972

Mud Used:

Hel  
Sels w/ah  
Caustic  
Lignite  
Shells  
Dispac

Daily Cost NA Cumulative Cost \$5115.30

**MUD PROPERTIES SPECIFICATIONS**

WEIGHT <u>4.0-9.4</u>	VISCOSITY <u>48-52</u>	FILTRATE <u>10-12cc</u>
--------------------------	---------------------------	----------------------------

BY AUTHORITY:  OPERATOR'S WRITTEN  DRILLING CONTRACTOR  
 OPERATOR'S REPRESENTATIVE  OTHER

**RECOMMENDED TREATMENT**

Maintain viscosity @ 48-52 w/ gel  
 while daily after DST #2 w/ gel  
 as needed  
  
 Control wt 9.0-9.4 w/ gel w/ stream  
 of water at flowline

REMARKS:

LCM as needed

Suggest no pressure on head w/ pit mud i would following  
Hel for viscosity  
2 shells w/ah  
2 caustic  
1 lignite  
1/4 Dispac

Roll in pressure, get hole in pits & add to system over 1 1/2 hrs period.

Always keep tank full & pipe moving.

Must keep pipe, circulate to condition  
have pipes to casing and for test.

Thank you!

THE RECOMMENDATIONS MADE HEREON SHALL NOT BE CONSTRUCTED AS AUTHORIZING THE INFRINGEMENT OF ANY VALID PATENT, AND ARE MADE WITHOUT ASSUMPTION OF ANY LIABILITY BY ANDY'S MUD & CHEMICAL CO., OR ITS AGENTS, AND ARE STATEMENTS OF OPINION ONLY.

ENGINEER <u>Glenn Rector</u>	WAREHOUSE LOCATION <u>Hays, Ks</u>	TELEPHONE <u>785-625-3531</u>
---------------------------------	---------------------------------------	----------------------------------

cell # 785-625-3039

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 MAY 02 2008  
 CONSERVATION DIVISION  
 WICHITA, KS



**DRILLING MUD REPORT** REPORT NO. 2

DATE 3-30 2008 DEPTH 2972

APT WELL NO.	STATE	COUNTY	WELL	S/T

OPERATOR Black Diamond Oil, Inc. CONTRACTOR Discovery Drilling RIG NO. #2

ADDRESS Co ADDRESS Rig SPUD DATE 3-26-08

REPORT FOR MR. Kenny Vehige REPORT FOR MR. Tom Alm SECTION, TOWNSHIP, RANGE 1-125-15W

WELL NAME AND NO. Newman #1 FIELD OR BLOCK NO. COUNTY AREA Russell STATE Ks

Drilling Assembly			Casing		Mud Volume (BBL)		Circulation Data			
Bit Size <u>7 7/8</u>	No. Bits	Jet Size	Surface <u>8 5/8</u>	Fl. <u>425</u>	Hole <u>237</u>	Pits <u>400</u>	Pump Size x in. <u>6x14</u>	Annular Vel (FV/Min) DP <u>17</u> DC <u>356</u>		
Drill Pipe Size <u>4 1/2</u>	Type <u>XH</u>	Length	Intermediate <u>9</u>	Fl.	Total Circulating Volume <u>637</u>		Pump Make, Model	Assumod Eff.	Circulation Pressure (PSI) <u>800+</u>	
Drill Collar Size <u>6 1/4</u>	Length	No. Pits	Production Liner <u>6</u>	Fl.	Mud Up Depth <u>2580</u>		Bbl/Stroke <u>.139</u>	Stroke/Min. <u>60</u>	Bottoms Up (Min.) <u>30</u>	
Bit RPM	Weight on Bit <u>30000</u>						Bbl/Min. <u>8.0</u>	Gal/Min. <u>336</u>	Total Circ Time (Min.) <u>80</u>	
Last Bit No.	Present Activity <u>Circulate</u>	Mud Type <u>Chemical mud</u>					Elevation <u>1747 GL</u>			

Sample from  Flowline ( ) Pit  
 Flowing Temperature F

**MUD PROPERTIES**

Time Sample Taken <u>10:15 AM</u>	
Depth (ft.) <u>2972</u>	
Weight <input checked="" type="checkbox"/> (ppg) <input type="checkbox"/> (lb./cu. ft.) <u>8.7</u>	
Mud Gradient (psi/ft.) <u>.452</u>	
Funnel Viscosity (sec./qt.) API at °F <u>50</u>	
Plastic Viscosity cp at / °F <u>30</u>	
Yield Point (lb./100 sq. ft.) <u>16</u>	
Gel Strength (lb./100 sq. ft.) 10 sec./10 min. <u>10/15</u>	
pH <input checked="" type="checkbox"/> Strip <input type="checkbox"/> Meter <u>10.0</u>	
Filtrate API (ml/30 min.) <u>4.6</u>	
API HP-HT Filtrate (ml/30 min.) °F <u>—</u>	
Cake Thickness 32nd in. API <input checked="" type="checkbox"/> HP - HT <input type="checkbox"/> <u>1/32</u>	
Alkalinity, Mud (Pm) <u>1.0</u>	
Alkalinity, Filtrate (Pl / Ml) <u>.61</u>	
Salt <input type="checkbox"/> ppm <input type="checkbox"/> Chloride <input type="checkbox"/> ppm <u>3000</u>	
Calcium <input checked="" type="checkbox"/> ppm <input type="checkbox"/> Gyp (ppb) <u>Nil</u>	
Sand Content (% by Vol.) <u>Trace</u>	
Solids Content (% by Vol.) <u>2.7</u>	
Oil Content (% by Vol.) <u>—</u>	
Water Content (% by Vol.) <u>97.3</u>	
LCM, #/bbl <u>2"</u>	
Methylene Blue Capacity <input type="checkbox"/> (nd/ml mud) <input type="checkbox"/> (equiv. #/bbl bent)	

Mud Used:

<u>224 Gal</u>	<u>2452.80</u>
<u>20 Ash</u>	<u>419.00</u>
<u>10 Cement</u>	<u>507.50</u>
<u>10 Lignite</u>	<u>219.50</u>
<u>32 Shell</u>	<u>616.00</u>
<u>2 Dupon</u>	<u>640.00</u>

Daily Cost \$4854.80 Cumulative Cost \$5115.30

**MUD PROPERTIES SPECIFICATIONS**

WEIGHT <u>9.0-9.4</u>	VISCOSITY <u>48-52</u>	FILTRATE <u>10-12cc</u>
-----------------------	------------------------	-------------------------

BY AUTHORITY:  OPERATOR'S WRITTEN  DRILLING CONTRACTOR  
 OPERATOR'S REPRESENTATIVE  OTHER

- RECOMMENDED TREATMENT**
- Maintain viscosity @ 48-52 sec/qt
  - while drilling or testing w/ gel as needed
  - Run stream of water at flowline
  - to control wt 9.0-9.4# gal.
  - 
  - LCM as needed

REMARKS:

*Always keep hole full & pipe moving.*

*Spent trip pipe circulate to condition hole prior to coming out to test*

*Maintain every 24 hrs treatment:*

*Gal for viscosity 1 lignite*

*1 bbl ash 1/4 Dupon*

*1 cement 2-4 shells*

*Head Displace!*

*Thank you!*

THE RECOMMENDATIONS MADE HEREON SHALL NOT BE CONSTRUCTED AS AUTHORIZING THE INFRINGEMENT OF ANY VALID PATENT, AND ARE MADE WITHOUT ASSUMPTION OF ANY LIABILITY BY ANDY'S MUD & CHEMICAL CO., OR ITS AGENTS, AND ARE STATEMENTS OF OPINION ONLY.

ENGINEER Dennis Reator WAREHOUSE LOCATION Hays, Ks TELEPHONE 785-625-3531

cell # 785-656-3039

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 MAY 02 2008  
 CONSERVATION DIVISION  
 WICHITA, KS





**DRILLING MUD REPORT** REPORT NO. 1

DATE 3-27 2008 DEPTH 423

APT WELL NO.	STATE	COUNTY	WELL	ST

OPERATOR Black Diamond Oil, Inc CONTRACTOR Discovery Drilling RIG NO. #1

ADDRESS Co. ADDRESS Rig SPUD DATE 3-26-08

REPORT FOR MR. Lenny Dehize REPORT FOR MR. Tom Olson SECTION, TOWNSHIP, RANGE 1-12S-15W

WELL NAME AND NO. Newman #1 FIELD OR BLOCK NO. COUNTY AREA Russell STATE Ks.

Drilling Assembly			Casing		Mud Volume (BBL)		Circulation Data		
Bit Size <u>7/8</u>	No. Bits	Jet Size	Surface <u>8 3/4 @ 423 Ft.</u>	Hole	Pits <u>400</u>	Pump Size x in. <u>6 x 14</u>	Annular Vel (Ft/Min) DP <u>197</u> DC <u>356</u>		
Drill Pipe Size <u>4 1/2</u>	Type <u>XH</u>	Length	Intermediate	Total Circulating Volume		Pump Make, Model	Assumed Eff.	Circulation Pressure (PSI) <u>800+</u>	
Drill Collar Size <u>6 1/4</u>	Length	No. Pits	Production/Liner	Mud Up Depth <u>approx</u>		Bbl/Stroke <u>.139</u>	Stroke/Min. <u>60</u>	Bottoms Up (Min.)	
Bit RPM	Weight on Bit <u>30000</u>					Bbl/Min. <u>8.0</u>	Gal/Min. <u>336</u>	Total Circ Time (Min.)	
Last Bit No.	Present Activity <u>W.O.C.</u>		Mud Type <u>Native mud</u>			Elevation <u>1747GL</u>			

Sample from  Flowline ( ) Pit  
 Flowing Temperature F

**MUD PROPERTIES**

Time Sample Taken 10:30 AM

Depth (ft.) 423

Weight  (ppg)  (lb./cu. ft.)

Mud Gradient (psi/ft.) 6.2

Funnel Viscosity (sec./qt.) API at °F

Plastic Viscosity cp at / °F 0

Yield Point (lb./100 sq. ft.)

Gel Strength (lb./100 sq. ft.) 10 sec./10 min. 0 1 1

pH  Strip  Meter

Filtrate API (ml/30 min.)

API HP-HT Filtrate (ml/30 min.) °F 5

Cake Thickness 32nd in. API  HP - HT  u

Alkalinity, Mud (Pm)

Alkalinity, Filtrate (Pf / Mt) 5 1 1

Salt  ppm  Chloride  ppm  Gyp (ppb)  ppm

Calcium  ppm  Gyp (ppb) c

Sand Content (% by Vol.) e

Solids Content (% by Vol.)

Oil Content (% by Vol.)

Water Content (% by Vol.)

LCM, #/bbl

Methylene Blue Capacity  (ml/ml mud)  (equiv. API, bbl)

Mud Used:

15 Hds 164.25

5 Hds 96.25

Daily Cost \$260.50 Cumulative Cost \$260.50

**MUD PROPERTIES SPECIFICATIONS**

WEIGHT 9.0-9.4 VISCOSITY 27-32 FILTRATE NC

BY AUTHORITY:  OPERATOR'S WRITTEN  DRILLING CONTRACTOR  
 OPERATOR'S REPRESENTATIVE  OTHER

**RECOMMENDED TREATMENT**

Under surface to approx 2600 use

native mud & plenty of fresh water

if jet open, keep wet flow as possible.

Preflush w/ premix as needed if tight

connections occur: 18 gal

REMARKS:

Always keep hole full & pipe moving.

LCM as needed

2 cups of PPH & thru drill pipe on connections if needed.

\* Begin filling free tank w/ premix while drill add also no. 3 pit and premix on head w/ following:

24 gal 1 caustic 1/4 diesel

2 soda ash 1 lignite 4 hulls

\* At approx 2600 jet & wash down pits well & add free tank to system. Also run 80-100 hds of fresh water ahead of free mud.

Thank you!

THE RECOMMENDATIONS MADE HEREON SHALL NOT BE CONSTRUCTED AS AUTHORIZING THE INFRINGEMENT OF ANY VALID PATENT, AND ARE MADE WITHOUT ASSUMPTION OF ANY LIABILITY BY ANDY'S MUD & CHEMICAL CO., OR ITS AGENTS, AND ARE STATEMENTS OF OPINION ONLY.

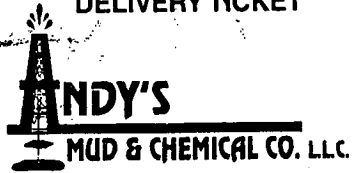
ENGINEER Dennis Pector WAREHOUSE LOCATION Hays, Ks TELEPHONE 785-625-3531

cell\* 785-656-3039

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 MAY 02 2008  
 CONSERVATION DIVISION  
 WICHITA, KS

DELIVERY TICKET

No 4173



1308 SCHWALLER AVE  
HAYS, KANSAS 67601

OPERATOR (PURCHASED BY) Bloch Diamond

CONTRACTOR Procony # 2 ON ORDER NO. \_\_\_\_\_

WELL NAME \_\_\_\_\_ DATE 3-26-08

LOCATION \_\_\_\_\_

COUNTY \_\_\_\_\_ SEC \_\_\_\_\_ TWP \_\_\_\_\_ RGE \_\_\_\_\_ TO WAREHOUSE Hays

QUANTITY	PRODUCT	SIZE	UNIT PRICE	AMOUNT
15	CAUSTIC SODA BREAD CORROSIVE MATERIAL UN 1823	50 lb.		
33 L	PREMIUM GEL	100 lb.		
25	BAGS SODA ASH	100 lb.		
	SALT GEL	50 lb.		
	BAGS DRILSTARCH	50 lb.		
60	BAGS COTTONSEED HULLS	100 lb.		
5	BAGS LIME	50 lb.		
	PRESERVATIVE	50 lb.		
4	DRISPAC	50 lb.		
15	LIGNITE	50 lb.		
2	<u>Dasco</u>			

RECEIVED  
KANSAS CORPORATION COMMISSION  
MAY 02 2008  
CONSERVATION DIVISION  
WICHITA, KS

RECEIVED BY \_\_\_\_\_