

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

RECEIVED
JUL 28 2010

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA ORIGINAL

OPERATOR: License # 7076
Name: Black Diamond Oil, Inc.
Address 1: PO Box 641
Address 2: _____
City: Hays State: KS Zip: 67601 + _____
Contact Person: Kenneth Vehige
Phone: (785) 625-5891
CONTRACTOR: License # 31548
Name: Discovery Drilling Co., Inc.
Wellsite Geologist: Tony Richardson
Purchaser: _____
Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover
_____ Oil _____ SWD _____ SIOW
_____ Gas _____ ENHR _____ SIGW
_____ CM (Coal Bed Methane) _____ Temp. Abd.
 Dry _____ Other _____
(Core, WSW, Expl., Cathodic, etc.)

API No. 15 - ¹³⁵25-25,026-00-00
Spot Description: 100'S & 130'W of
SW NE NW SW Sec. 36 Twp. 16 S. R. 24 East West
2210 Feet from North / South Line of Section
860 Feet from East / West Line of Section

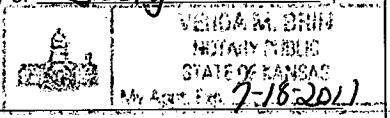
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ness
Lease Name: Mishler Well #: 1
Field Name: Wildcat
Producing Formation: None
Elevation: Ground: 2504 Kelly Bushing: 2512
Total Depth: 2504 Plug Back Total Depth: 2512
Amount of Surface Pipe Set and Cemented at: 221.27 Feet
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.
(30 sks in Rat Hole)(20 sks in Mouse Hole)

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 16,000 ppm Fluid volume: 240 bbls
Dewatering method used: Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
_____ Deepening _____ Re-perf. _____ Conv. to Enhr. _____ Conv. to SWD
_____ Plug Back: _____ Plug Back Total Depth
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
3/30/2010 4/4/2010 4/5/2010
Spud Date or Date Reached TD Completion Date or Recompletion Date

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: 7-27-10
Subscribed and sworn to before me this 27 day of July
10
Notary Public: [Handwritten Signature]
Date Commission Expires: 7-18-2011



KCC Office Use ONLY

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

UIC Distribution
AHZ-P+A-Dg - 7/29/10

Operator Name: Black Diamond Oil, Inc. Lease Name: Mishler Well #: 1
 Sec. 36 Twp. 16 S. R. 24 East West County: Ness

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: Radiation Guard	<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>1831</td> <td>+681</td> </tr> <tr> <td>Topeka</td> <td>3659</td> <td>-1147</td> </tr> <tr> <td>Heebner</td> <td>3870</td> <td>-1358</td> </tr> <tr> <td>Lansing KC</td> <td>3913</td> <td>-1401</td> </tr> <tr> <td>Pawnee</td> <td>4322</td> <td>-1810</td> </tr> <tr> <td>Cherokee</td> <td>4438</td> <td>-1926</td> </tr> </table>	Name	Top	Datum	Anhydrite	1831	+681	Topeka	3659	-1147	Heebner	3870	-1358	Lansing KC	3913	-1401	Pawnee	4322	-1810	Cherokee	4438	-1926
Name	Top	Datum																				
Anhydrite	1831	+681																				
Topeka	3659	-1147																				
Heebner	3870	-1358																				
Lansing KC	3913	-1401																				
Pawnee	4322	-1810																				
Cherokee	4438	-1926																				

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	221.27	Common	150	2%Gel3%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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
---	--	--

ALLIED CEMENTING CO LLC. 036391

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

SERVICE POINT: Frontier

DATE <u>5-30-10</u>	SEC. <u>36</u>	TWP. <u>1</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Light</u>		WELL # <u>1</u>	LOCATION <u>1 1/2 miles East of TI</u>		COUNTY <u>...</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Discovery Rig 3 OWNER Black Diamond Oil Inc

TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 222
 CASING SIZE 8 3/4 23" DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH

PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15
 PERFS.
 DISPLACEMENT BBLS

EQUIPMENT
 PUMP TRUCK CEMENTER Wayne-D
 # 181 HELPER Alvin-R
 BULK TRUCK
 # 344 DRIVER Bob R
 BULK TRUCK
 # DRIVER

COMMON @
 POZMIX @
 GEL @
 CHLORIDE @
 ASC @

REMARKS:
Pipe on Bottom Break
Circulation with Rig mud
Shut Down
Hook up to cement line
Mix 162 SX Class A 39% cc
29% gel
Displace with BBLS freshwater
Cement did circulate wash up Rig Down

HANDLING @
 MILEAGE @
 TOTAL

CHARGE TO: Black Diamond Oil Inc
 STREET
 CITY STATE ZIP

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

PLUG & FLOAT EQUIPMENT
 @
 @
 @
 @
 @

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

PRINTED NAME GALEN GASCHLER
 SIGNATURE [Signature]

RECEIVED
 JUL 28 2010
 KCC WICHITA

Black Diamond Oil, Inc.

Mishler # 1

Plugging Orders Mike Meier

1 st Plug @	1900' w/	50 sks
2 nd Plug @	1100' w/	80 sks
3 rd Plug @	550' w/	40 sks
4 th Plug @	260' w/	50 sks
5 th Plug @	60' w/	20 sks

30 sks in Rat Hole

20 sks in Mouse Hole

Total 290 sks 60/40 Poz 4% Gel w/ 1/4 # CFTsk

RECEIVED
JUL 28 2010
KCC WICHITA



PIPE TALLY

Date 3/26/10

Black Diamond

Company Mishler #1

Lease _____

Size 8 7/8 New Used Limited Service Weight 23 Grade Type Range R3

	Column 1		Column 2		Column 3		Column 4		Column 5		Column 6		Column 7		Column 8		Column 9		Column 10	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
1	40	00																		
2	60																			
3	40																			
4	60																			
5	60																			
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
Total	<u>21300</u>																			

Subtotal this page _____

585
Total Number of Joints

21300 GRAND TOTAL

Tallied By _____
Received in Good Order By _____

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JUL 28 2010
KCC WICHITA

Casing Head & Accessories Other

Limited Service and/or Used Materials are sold "as is, without warranty either expressed or implied."

P. O. Box 763
Hays, Kansas 67601



Discovery Drilling

RECEIVED Office 785/623-2920
Cellular 785/635-1511
JUL 28 2010 Rig 785/635-1201

Pipe and Tubing Tally Book

KCC WICHITA

DATE 3/30/10 COMPANY BLACK DIAMOND OIL LEASE Mishler Well No. 1
 SIZE 8 5/8" WEIGHT 23# MAKE _____ GRADE _____ RANGE R-3
 THREAD 8RD COLLAR LENGTH _____ CONDITION NEW TRANSFER NOS. _____ OVERALL TALLY
 THREADS OFF TALLY

Joint No.	Feet	Hnd	Joint No.	Feet	Hnd	Joint No.	Feet	Hnd	Joint No.	Feet	Hnd	Joint No.	Feet	Hnd	Joint No.	Feet	Hnd	Joint No.	Feet	Hnd	Joint No.	Feet	Hnd	
1	42	27	21			41			61			81			101			121			141			
2	42	24	22			42			62			82			102			122			142			
3	42	23	23			43			63			83			103			123			143			
4	42	26	24			44			64			84			104			124			144			
5	42	27	25			45			65			85			105			125			145			
6			26			46			66			86			106			126			146			
7			27			47			67			87			107			127			147			
8			28			48			68			88			108			128			148			
9			29			49			69			89			109			129			149			
10			30			50			70			90			110			130			150			
11			31			51			71			91			111			131			151			
12			32			52			72			92			112			132			152			
13			33			53			73			93			113			133			153			
14			34			54			74			94			114			134			154			
15			35			55			75			95			115			135			155			
16			36			56			76			96			116			136			156			
17			37			57			77			97			117			137			157			
18			38			58			78			98			118			138			158			
19			39			59			79			99			119			139			159			
20			40			60			80			100			120			140			160			
																			Totals			5	211	27

Drillers TD 222 Loggers TD _____
 No. Jts. Run 5 Size 8 5/8" Wt. 23# Tested _____
 Cent@ _____
 Basket@ _____ D.V. Tool@ _____ Port Collar@ _____
 Cemented By ALLIED SKs. Type Cement 150 SKS common 2 7/8" 3 9/16" DID CIRC
 Flush _____
 Jts. To Be Left Out _____
 Shoe Jt. 42.25 Pipe Set@ 221.27 KB Off Bottom 00
 Plug Down 8:30 A.M. P.M. 3 130/10! Rig Release@ _____ A.M. P.M. / /
 Job By GALEN
 Pipe Left On Location _____ Jts. Talley _____ Threads On _____

DAILY DRILLING REPORT
 HCS 43-5 803A 800 TELSA OK 74101
 1-800-331-7290

CONTRACTOR
 Discovery Drilling Co. Inc.

DATE
 Monday
 4-5-10

COMPANY
 Black Diamond oil inc.

DISTRICT
 NESS

LEASE
 Mishlae

COUNTY
 NESS

STATE
 KS

WELL NO.
 #1

RIG NO.
 3

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTIARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
4550	460	Mississippian				Tyler Legleiter	8+2
						Brannan Condale	8+2
						Ty STRUTT	8+2
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF		(6 1/2 HRS Daywork)				Mike Priddy	8+2

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: 11:00-1:30 Lay Down Collars & Pipe, 1:30-2:45 TIW/ PLUG STANDS 2:45-5:30 PLUG, 5:30-7:00 TEAR DOWN

FROM	TO	FORMATION	ROTIARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF							

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

REMARKS:

FROM	TO	FORMATION	ROTIARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF							

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

REMARKS:

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APPROVED

TOOL PUSHER
RECEIVED
 JUL 28 2010
 KCC WICHITA

DAILY DRILLING REPORT

BOX 600, TULSA OK 74101
1-800-331-7290

CONTRACTOR

Discovery Drilling Co. Inc.

SUNDAY

DATE 4-4-10

COMPANY

Black Diamond o.l. Co.

LEASE

Mishler

WELL NO.

1

RIG NO.

3

DISTRICT

COUNTY

Ness

STATE

Ks

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
4270	4410	Pawnee	80	35/40000	800	DM Jeff Weigel	8
						(25) Brennan Casdale	8
						H Ty STRUTT	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
6°	FT.						
DEG OFF						(25) Mike Priddy	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.1 9.1*	DRILLING	7	SIZE D. P.	
SIZE	7/8	VISC.	53 51	CORING	CONV 1/4	SIZE COLL.	
MAKE	GX20C	WTR. LOSS-C.C.		OTHER	RIG 1/4	JTS. D. P.	FT.
SERIAL NO.	5168608	FILTER CAKE		REPAIRS	Pump 1/2	KELLY DOWN	FT.
DEPTH IN	222	PH.		TRIP		COLLARS	FT.
HOURS RUN	8 1/4	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 11:00-12:15 DRUG, 12:15-12:30 RIG 1 @ 4306, 12:30-3:00 DRUG, 3:00-3:30 Changed Bw SIDE HEAD, 3:30-7:00 DRUG

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
4410	4550	PAWNEE-CHEROKEE	80	35000	800	(25) Carl F. Goff	8
						(25) Joel Byers	8
						(25) Loren Hillman	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
6°	FT.						
DEG OFF						(134 HRS Daywork) Ross Wilson	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	43	DRILLING	5 1/2	SIZE D. P.	
SIZE	7/8	VISC.	48 52	CORING	CONV 1/4	SIZE COLL.	
MAKE	GX20C	WTR. LOSS-C.C.		OTHER	RIG 1/4	JTS. D. P.	FT.
SERIAL NO.	5168608	FILTER CAKE		REPAIRS	CIRC. 1 1/2	KELLY DOWN	FT.
DEPTH IN	222	PH.		TRIP	1/4 PUMP 1/4	COLLARS	FT.
HOURS RUN	8 1/4	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 7:00-8:00 DRUG, 8:00-8:30 1/4 RIG & JET A Hole @ 4431, 8:30-11:30 DRUG, 11:30-12:30 F.S. @ 4503, 12:30-1:30 DRUG, 1:30-1:45 PICK UP 1 1/2 MUD, 1:45-2:30 DRUG, 2:30-3:00 C.F.S. @ 4550

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
RTD	4550	Cherokee Sand			850	DM Reid Kester	8
LTD	4551	By Superior				EM Seth Dinkel	8
						H Tyler Legleiter	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
6°	FT.						
DEG OFF						(8 HRS Daywork) Ryan Gaschler	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	log 2	SIZE COLL.	
MAKE	GX20C	WTR. LOSS-C.C.		OTHER	Survey 1/4	JTS. D. P.	FT.
SERIAL NO.	5168608	FILTER CAKE		REPAIRS	W.O.B. 3/4	KELLY DOWN	FT.
DEPTH IN	222	PH.		TRIP	Short/Flag 1 1/4, 1 3/4 AFTER Log 1/2	COLLARS	FT.
HOURS RUN	8 1/4	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 3:00-3:30 DRUG @ 4550, 3:30-4:45 Short Trip 16 strands, 4:45-5:45 TCH @ 4550, 5:45-6:00 Survey, 6:00-7:45 Trip out w/ Rig, 7:45-9:45 Rig UP loggers + Logging, 9:45-10:30 W.O.C. 10:30-11:00 TRIP IN w/ COLLARS + PERE

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JUL 28 2010

KCC WICHITA

DAILY DRILLING REPORT
 43-5 BOX 800, TULSA OK 74101
 1-800-331-7230

CONTRACTOR
 Discovery Drilling Co. INC.
 LEASE
 Block Diamond oil Co. Mishler
 COUNTY
 Ness STATE
 KS

DATE
 SATURDAY
 4-03-10
 WELL NO.
 #1
 RIG NO.
 3
 D. P. STRING NO.
 SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3695	3925	L, KC	80	35000	750	DM Jeff Weigel	8
						(50) Brennan Consdale	8
						H Ty STUTT	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEC. OFF		(1/4 RZ Drywork)		(25) Mike Priddy			8

BIT AND COREHEAD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.	2	WEIGHT	8.6	8.7	DRILLING	7	SIZE D. P.	
SIZE	7/8	VISC.	60	59	CONN	1/2	SIZE COLL.	
MAKE	GX20C	WTR. LOSS-C.C			RIG	1/4	JTS. D. P.	FT.
SERIAL NO.	5168608	FILTER CAKE			REPAIRS		KELLY DOWN	FT.
DEPTH IN	222	PH.			TRIP		COLLARS	FT.
HOURS RUN	59.94	MTL. ADDED (REMARKS)			Pudm 1/4		TOTAL	FT.

REMARKS: 11:00-11:45 DRIG, 11:45-12:00 RIG ✓ @ 3738, 12:00-5:15 DRIG, 5:15-5:30 Psk UP BIT MWD, 5:30-7:00 DRIG

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3925	4100	LANSING - K.C.	80	35000	750	(25) Carl F. Goff	8
						(25) Joel Byers	8
						(25) Loren Hillman	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEC. OFF						ROSS Wilson	8

BIT AND COREHEAD RECORD			TIME RECORD			DRILL STEM RECORD MIXED		
RUN NO.	2	WEIGHT	8.6	8.7	DRILLING	7 1/4	SIZE D. P.	
SIZE	7/8	VISC.	55	59	CONN	1/2	SIZE COLL.	
MAKE	GX20C	WTR. LOSS-C.C			OTHER RIG	1/4	JTS. D. P.	FT.
SERIAL NO.	5168608	FILTER CAKE			REPAIRS		KELLY DOWN	FT.
DEPTH IN	222	PH.			TRIP		COLLARS	FT.
HOURS RUN	67	MTL. ADDED (REMARKS)					TOTAL	FT.

REMARKS: 7:00-7:15 RIG @ 3928, 7:15-3:00 DRIG.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
4100	4270	Lansing - KR	80	35000/40000	750	DM Reid Kester	8
						EM Seth Dinkel	8
						H Tyler Legleiter	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEC. OFF						(50) Ryan Geschler	8

BIT AND COREHEAD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.	2	WEIGHT	9.2	9.0	DRILLING	7 1/4	SIZE D. P.	
SIZE	7/8	VISC.	60	57	CONN	1/2	SIZE COLL.	
MAKE	GX20C	WTR. LOSS-C.C			OTHER RIG	1/4	JTS. D. P.	FT.
SERIAL NO.	5168608	FILTER CAKE			REPAIRS		KELLY DOWN	FT.
DEPTH IN	222	PH.			TRIP		COLLARS	FT.
HOURS RUN	74 1/4	MTL. ADDED (REMARKS)					TOTAL	FT.

REMARKS: 3:00-4:00 Drig, 4:00-4:15 RIG @ 4117, 4:15-11:00 Drig.

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JUL 28 2010

KCC WICHITA

DAILY DRILLING REPORT
 KCC 43-5 802.805 TULSA OK 74101
 1-800-351-7590

CONTRACTOR
 Discovery Drilling Co. INC.

DATE
 Friday
 4-02-10

COMPANY
 Black Diamond Oil Co. Misher

LEASE
 #1

WELL NO.
 3

DISTRICT
 Ness

COUNTY
 Ks

STATE

D. P. STRING NO.
 3

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2955	3220	Shale	80	30/3500	800	Jeff Weigel	8
						Brannen Constate	8
						Ty STRUTT	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF						Mike Priddy	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	2	WEIGHT	10.0	9.6	DRILLING	6 3/4	SIZE O. P.
SIZE	7/8	VISC.			CORING CORR	3/4	SIZE COLL.
MAKE	Gx20C	WTR. LOSS-C.C.			OTHER RIG	1/4	JTS. O. P.
SERIAL NO.	5168608	FILTER CAKE			REPAIRS		KELLY DOWN
DEPTH IN	222	PH.			TRIP		COLLARS
HOURS RUN	39 3/4	MTL. ADDED (REMARKS)			JET	1/4	TOTAL

REMARKS: 11:00-11:45 DRLG, 11:45-12:00 RIG ✓ @ 2982, 12:00-4:15 DRLG, 4:15-4:30 Jet #1 @ 3139, 4:30-7:00 DRLG

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3220	3445	SHALE	80	35000	800	Carl F. Goff	8
						Joel Byers	8
						Loren Hillman	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF						Ross Wilson	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		MUD DRILL STEM RECORD	
RUN NO	2	WEIGHT			DRILLING	6 3/4	GEL 25 RH-2
SIZE	7/8	VISC.			CORING CORR	1/2	CAUSTIC 2
MAKE	Gx20C	WTR. LOSS-C.C.			OTHER RIG	1/4	LIG 2
SERIAL NO.	5168608	FILTER CAKE			REPAIRS		S.A. 4
DEPTH IN	222	PH.			TRIP		HULLS 3
HOURS RUN	46 1/2	MTL. ADDED (REMARKS)			JET	1/2	DRESPAC 23.5K

REMARKS: 7:00-7:30 DRLG, 7:30-7:45 RIG @ 3234, 7:45-11:45 DRLG, 11:45-12:00 Jet #1 @ 3360, 12:00-12:30 DRLG, 12:30-12:45 REPLACE SUCTION CAP BASKET PREMIER-PET SIDE, 12:45-1:00 DRLG, 1:00-1:15 SET & CLEAN #2 @ 3391, 1:15-3:00 DRLG

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3445	3695	Shale	80	35000	800	Reid Kester	8
						Seth Dinkel	8
						Tyler legleiter	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF						Ryan Gaschler	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		MUD DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9 1/2	9 1/2	DRILLING	6 1/2	Gel 25
SIZE	7/8	VISC.		60+	CORING CORR	1/2	Caustic
MAKE	Gx20C	WTR. LOSS-C.C.			OTHER RIG	1/4	Lignite
SERIAL NO.	5168608	FILTER CAKE			REPAIRS		S.A.
DEPTH IN	222	PH.			TRIP		HULLS 2
HOURS RUN	53	MTL. ADDED (REMARKS)			JET	3/4	DRESPAC

REMARKS: 3:00-3:15 RIG ✓ @ 3454, 3:15-6:00 Drg, 6:00-6:30 wash suction pit @ 3548, 6:30-7:30 Drg, 7:30-7:45 Jet #1, Displacement Complete @ 3583, 7:45-11:00 Drg.

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KCC WICHITA

DAILY DRILLING REPORT
 HEADLINE 43-5 BOX 860 TULSA OK 74101
 1-800-331-7294

CONTRACTOR
 Discovery Drilling Co. Inc.

THURSDAY

DATE
 4-01-10

COMPANY
 Black Diamond Oil Inc.

LEASE
 Mishler

WELL NO.
 #1

RIG NO.
 3

DISTRICT

COUNTY
 Ness

STATE
 KS

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1955	2390	Shale	80+	25 ⁰⁰⁰	700	DM Jeff Weigel	8
						EM Brennan Condale	8
						H Ty STRUTT	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF						DM Mike Priddy	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		MUD DRILL STEM RECORD MIXED	
RUN NO.	2	WEIGHT		DRILLING	6 1/2	GEL	25 RH-1
SIZE	7 7/8	VISC.		CONN	1	HULLS	5
MAKE	GX20C	WTR. LOSS-C.C.		OTHER RIG	1/4	S.A.	2 FT.
SERIAL NO.	5168608	FILTER CAKE		REPAIRS		CAUS	1 FT.
DEPTH IN	222	PH.		TRIP		UG	1 FT.
HOURS RUN	19 3/4	MTL. ADDED (REMARKS)		JET	1/4	DP	1/3 FT.

REMARKS: 11:00-11:15 RIG ✓ @ 1976, 11:15-2:15 DRG, 2:15-2:30 JET #1 @ 2133, 2:30-7:00 DRG

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2390	2680	SHALE	80	25 ⁰⁰⁰	750	DM Carl F. Goff	8
						EM Joel Byers	8
						H Loren Hillman	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF						DM Ross Wilson	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		MUD DRILL STEM RECORD MIXED	
RUN NO.	2	WEIGHT	97	DRILLING	6 3/4	GEL	25 RH-1
SIZE	7 7/8	VISC.		CONN	3/4	CAUSTIC	1
MAKE	GX20C	WTR. LOSS-C.C.		OTHER RIG	1/4	LIG	1 FT.
SERIAL NO.	5168608	FILTER CAKE		REPAIRS		S.A.	2 FT.
DEPTH IN	222	PH.		TRIP		HULLS	3 FT.
HOURS RUN	26 1/2	MTL. ADDED (REMARKS)		JET	1/4	DRISPAC	1/3 SK

REMARKS: 7:00-7:15 RIG ✓ @ 2440, 7:15-11:15 DRG, 11:15-11:30 JET #1 @ 2574, 11:30-3:00 DRG.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2680	2955	Shale	80	30 ⁰⁰⁰	750	DM Reid Kester	8
						EM Seth Dinkel	8
						H Tyler Kgleiter	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF						DM Ryan Gaschler	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		MUD DRILL STEM RECORD MIXED	
RUN NO.	2	WEIGHT	97 98 98	DRILLING	6 1/2	Gel	25 RH-1
SIZE	7 7/8	VISC.		CONN	3/4	Caustic	1
MAKE	GX20C	WTR. LOSS-C.C.		OTHER RIG	1/4	Lignite	1 FT.
SERIAL NO.	5168608	FILTER CAKE		REPAIRS		S.A.	2 FT.
DEPTH IN	222	PH.		TRIP		HULLS	3 FT.
HOURS RUN	33	MTL. ADDED (REMARKS)		JET	1/2	DRISPAC	1/3 SK

REMARKS: 3:00-3:15 RIG ✓ @ 2699, 3:15-4:00 DRG, 4:00-4:15 JET #1 @ 2730, 4:15-7:45 DRG, 7:45-8:00 JET #2 @ 2856, 8:00-11:00 DRG.

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JUL 28 2010

KCC WICHITA

DAILY DRILLING REPORT

CONTRACTOR
 Discovery Drilling Co., Inc.
 COMPANY
 Black Diamond oil INC.
 LEASE
 Mishler
 DISTRICT
 COUNTY
 Ness
 STATE
 KS

DATE
 Wednesday
 3-31-10
 WELL NO.
 #1
 RIG NO.
 3
 D. P. STRING NO.
 SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
222	355	Sand + Shale	100+	5/10 ²⁰⁰⁰	500	DM Jeff Weigel	8
						(50+) Braman Constate	8
						H Mark Robb	8
SLOPE TEST		ACCIDENT: -- (GIVE NAME!)					
@	FT.						
DEG. OFF						(35) Mike Priddy	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		MUD	
RUN NO.	2	WEIGHT	11 AT	DRILLING	2	GEL	25 RH-
SIZE	7 7/8	VISC.		CONN	1/2	HULLS	3
MAKE	GX20C	WTR. LOSS-C.C.		OTHER		S.A.	
SERIAL NO.	5168608	FILTER CAKE	UES	REPAIRS		CAUS	
DEPTH IN	222	PH.		TRIP		LIG	
HOURS RUN	2	MTL. ADDED (REMARKS)			WOC 5 1/2	D.P.	

REMARKS: 11:00-4:30 WOC, 4:30-7:00 DRG

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
355	1115	SHALE	80+	10/15 ²⁰⁰⁰	600	(25) Carl F. Goff	8
						(25) Joel Byers	8
						(25) Loren Hillman	8
SLOPE TEST		ACCIDENT: -- (GIVE NAME!)					
@	FT.						
DEG. OFF						Ross Wilson	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		MUD	
RUN NO.	2	WEIGHT		DRILLING	5 1/4	GEL	25 RH-1
SIZE	7 7/8	VISC.		CONN	2 1/4	CAUSTIC	1
MAKE	GX20C	WTR. LOSS-C.C.		OTHER	1/4	LIG	1
SERIAL NO.	5168608	FILTER CAKE		REPAIRS		S.A.	2
DEPTH IN	222	PH.		TRIP		HULLS	3
HOURS RUN	7 1/4	MTL. ADDED (REMARKS)			JET 1/4	DALSPAC	1/3 SK

REMARKS: 7:00-10:30 DRG, 10:30-11:00 JET #1 @ RIG @ 687, 11:00-3:00 DRG.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1115	1835	Slate + Sand	80+	15 ²⁰⁰⁰	650	DM Reid Kester	8
1835	1869	Anhydrite	80	25 ²⁰⁰⁰	700	DM Seth Dinkel	8
1869	1955	Shale	80+	25 ²⁰⁰⁰	700	(25) Ty Struff	8
SLOPE TEST		ACCIDENT: -- (GIVE NAME!)					
@	FT.						
DEG. OFF		last 1006H @ 1900				(25) Ryan Gaschler	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		MUD	
RUN NO.	2	WEIGHT		DRILLING	6	GEL	25 RH, US 1
SIZE	7 7/8	VISC.		CONN	1 1/2	CAUSTIC	1
MAKE	GX20C	WTR. LOSS-C.C.		OTHER	1/4	Lignite	1
SERIAL NO.	5168608	FILTER CAKE		REPAIRS		S.A.	2
DEPTH IN	222	PH.		TRIP		HULLS	9
HOURS RUN	13 1/4	MTL. ADDED (REMARKS)			JET 1/4	DALSPAC	1/3 SK

REMARKS: 3:00-3:30 Drky, 3:30-3:45 Rig + Jet #1 @ 1190, 3:45-6:30 Drky, 6:30-6:45 Jet #1 @ 1661, 6:45-11:00 Drky.

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KCC WICHITA

DAILY DRILLING REPORT

HEATSEAL 43-5 BOX 800 TULSA OK 74101
1-800-331-7280

CONTRACTOR
Discovery Drilling Co. INC.

Tuesday

DATE 3-30-10

KCC WICHITA

COMPANY
Black Diamond Oil Inc.

LEASE
Mishler

WELL NO.
#1

RIG NO.
3

DISTRICT

COUNTY

Ness

STATE

KS

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						Exp Jeff Weigel	8
						257 Brannan Lonsdale	8
						MARK ROBB	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF						257 Mike Feidly	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: 7:00-3:00 HELP DAY TOUR

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						257 Carl F. Goff	8
						257 Joel Byers	8
						257 Loren Hillman	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF						Ross Wilson	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)		MOVE	8	TOTAL	FT.

REMARKS: 7:00-3:00 MOVE & RIG UP

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
0	222	Surface Shale + Sand	100+	Most	450	Reid Kraker	8
						SM Seth Dinkel	8
						257 Ty Strutt	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	222 FT.						
DEG. OFF						257 Ryan Gaschler	8

#1 @ 222 FT.
1/2 DEG. OFF

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING	3/4 Survey	SIZE D. P.	Time
SIZE	1 3/4	VISC.		OTHER	Conn 3/4 Run Pipe	SIZE COLL.	
MAKE	MX-09	WTR. LOSS-C.C.			1/2 Cement	JTS. D. P.	FT.
SERIAL NO.	3354711	FILTER CAKE			Rx up 1/4 w/Oil	KELLY DOWN	FT.
DEPTH IN	0	PH.			TRIP out w/Bit 1/4	COLLARS	FT.
HOURS RUN	2 1/4	MTL. ADDED (REMARKS)			Pipe + Jet 1/2	TOTAL	FT.

REMARKS: 3:00-3:15 Rig up, 3:15-3:45 Drill Reel Hole Spud @ 3:45-6:45 Drilling, 6:45-7:00 Circ + Jet Casing @ 222, 7:00-7:15 Survey, 7:15-7:30 Trip out w/ Bit, 7:30-7:45 Run 8 5/8" Surface Casing, 7:45-8:00 Circ. Casing, 8:00-8:30 Cement Casing, 8:30-11:00 w/Oil.