

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: Kenneth Vehige

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>12/11/2007</u>	<u>12/14/2007</u>	<u>2/4/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 051-25,687-0000  
County: Ellis  
30' N & 160' W of  
C NE NE Sec. 21 Twp. 11 S. R. 19  East  West  
630 feet from S / (N) (circle one) Line of Section  
820 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) (NE) SE NW SW  
Lease Name: Solomon Well #: 3  
Field Name: Solomon

Producing Formation: Arbuckle  
Elevation: Ground: 1943 Kelly Bushing: 1951  
Total Depth: 3488 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 223.34 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 3482'  
feet depth to Surface w/ 450 sx cmt.  
(15 sks in Rat hole)(10 sks in Mouse Hole) Alt 2 - Dlg 6/25/08

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content 13,000 ppm Fluid volume 160 bbls  
Dewatering method used Hauled free fluid  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: Black Diamond Oil  
Lease Name: Allen #4(SWD) License No.: 7076  
Quarter SE Sec. 22 Twp. 11 S. R. 19  East  West  
County: Ellis Docket No.: D-25,581

**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: 4/24/08  
Subscribed and sworn to before me this 24th day of April,  
2008.

Notary Public: Melissa L. Windholz  
Date Commission Expires: 5/21/2011  
STATE OF KANSAS My Appt. Exp. 5/21/2011

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received **RECEIVED**  
 Geologist Report Received **KANSAS CORPORATION COMMISSION**  
\_\_\_\_\_  
**APR 25 2008**  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Black Diamond Oil, Inc. Lease Name: Solomon Well #: 3  
 Sec. 21 Twp. 11 S. R. 19  East  West County: Ellis

**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:

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Anhydrite	1250	+701
Topeka	2919	-968
Heebner	3131	-1180
Lansing KC	3173	-1222
Arbuckle	3478	-1527

Compensated density, dual induction, micro

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	20	223.34	Common	150	2%Gel&3%CC
Production St.	7 7/8	5 1/2	14	3482	SMDC	350	11.2#/Gal
					SMDC	100	14#/Gal

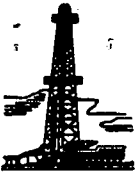
ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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
	Bridge Plug @ 3450		
4	3362-66	250 gals 15% MCA & 750 gals 20% acid	
4	3340-43	250 15% MCA & 750 gals 20% acid	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 7/8	3440	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 2/15/2008			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	55	0	5		28

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 \_\_\_\_\_

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
**APR 25 2008**  
**CONSERVATION DIVISION**  
**WICHITA, KS**



# Discovery Drilling

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

## DRILLER'S LOG

Operator: **Black Diamond Oil, Inc. LIC#7076**  
PO Box 641  
Hays, KS 67601

Contractor: **Discovery Drilling Co., Inc. LIC#31548**  
PO Box 763  
Hays, KS 67601

Lease: Solomon #3

Location: 30' N & 160' W of C / NE / NE  
Sec. 21 / 11S / 19W  
Ellis Co., KS

Loggers Total Depth: 3484'  
Rotary Total Depth: 3485'  
Commenced: 12/11/2007  
Casing: 8 5/8" @ 223.34' w / 150 sks  
5 1/2" @ 3482' w / 450 sks

Elevation: 1943' GL / 1951' KB  
Completed: 12/15/2007  
Status: Oil Well

### DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	0'	Shale	1291'
Dakota Sand	521'	Shale & Lime	1783'
Shale	605'	Shale	2320'
Cedar Hill Sand	690'	Shale & Lime	2736'
Red Bed Shale	935'	Lime & Shale	3137'
Anhydrite	1250'	RTD	3485'
Base Anhydrite	1291'		

STATE OF KANSAS )  
                          ) ss  
COUNTY OF ELLIS )

Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

\_\_\_\_\_  
Thomas H. Alm

Subscribed and sworn to before me on 12-17-07

My Commission expires: 8-9-11

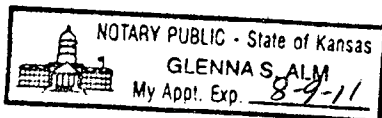
(Place stamp or seal below)

\_\_\_\_\_  
Notary Public

RECEIVED  
KANSAS CORPORATION COMMISSION

APR 25 2008

CONSERVATION DIVISION  
WICHITA, KS



DAILY DRILLING REPORT

Box 800  
Tulsa OK 74101

CONTRACTOR

Discovery Drilling CO INC

DATE

12-15-07

COMPANY

Black Diamond OIL INC

LEASE

Solomon

WELL NO.

3

RIG NO.

1

DISTRICT

COUNTY

Ellis

STATE

Ks

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3474	3485	Shale/Line #mb	80	40000	650	Kenny Jones	8
		(7 1/2 HRS Daywork)				Dave Bethel	8
						Stanton Lovelady	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	3485 FT.						
	1/4 DEG. OFF					Terry Jones	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	1 1/4	SIZE D. P.	BAR 25
SIZE	7 1/8	VISC.		LOGGING	1 1/4	SIZE COLL.	
MAKE	GX20C	WTR. LOSS-C.C.		OTHER	VR16	JTS. D. P.	FT.
SERIAL NO.	5132785	FILTER CAKE		WOL/RIG UP	1 1/4	KELLY DOWN	FT.
DEPTH IN	224	PH.		TRIP	2 1/2	COLLARS	FT.
HOURS RUN	56	MTL. ADDED (REMARKS)		CVC	2 1/2	TOTAL	FT.

REMARKS: 1100-1115 VR16 3479, 1115-1130 Drill 1130-00 CVC 3485 10230 Short Trip 15. Start 230-330 CAST. 330-345 V.V.N Survey 345-530 OUT BIT 530-645 WOL/RIG UP Logger 645-700 Logging

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3485	3490	Arbuckle				Dusty Rozman	8
3484	3490	Superior				Cory Adamson	8
		(3 HRS Daywork)				Randy Bassall	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
	DEG. OFF					Sy/Promise	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	1 1/2	JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP IN	1 1/2	COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)		big	3 1/2	TOTAL	FT.

REMARKS: 7:00-10:30 Logging 10:30-11:15 Trip in/out BIT. 11:15-12:30 CAL + Add Bar Mod. 12:30-3:00 Log down Pipe.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3485	3490	Arbuckle				Justin Bunting	8
		(6 HRS Daywork)				Cory Adamson	8
						Chad Mayfield	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
	DEG. OFF					Jason Showalter	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: 3:00-4:15 Lay Down Pipe 4:15-5:00 Change over the logging pipe 5:00-6:00 Run 5 1/2 6:00-7:00 CVC 5 1/2 7:00-8:30 Coring 5 1/2 8:30-9:00 SET SLIPS. 9:00-11:00 TEAR DOWN TOOLS.

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KANSAS CORPORATION COMMISSION

APR 25 2008

CONSERVATION DIVISION  
WICHITA, KS

DAILY DRILLING REPORT

KANSAS 43-5 503 500 TULSA OK 74101

CONTRACTOR

Discovery Drilling Co. INC.

DATE

Fri. 12-14-07

COMPANY

Black diamond oil INC

LEASE

Solomon

WELL NO.

3

RIG NO.

1

DISTRICT

COUNTY

Ellis

STATE

KS

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2797	3060	Shale & Lime	80	40000	650	Kenny Jones	8
						Dusty Rozear	8
						Dave Bethel	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
6"	FT.						
DEG. OFF						Terry Jones	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.0	DRILLING	7	SIZE D. P.	
SIZE	7/8	VISC.	54+	CORING CON	3/4	SIZE COLL.	
MAKE	GX20C	WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	FT.
SERIAL NO.	5132785	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	224	PH.		TRIP		COLLARS	FT.
HOURS RUN	41 3/4	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 1100-1115 Drill 1115-1130 R/L/G 2819 1130-700 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3060	3270	Lime	80	40000	650	Leony Mlinak	8
						Dusty Rozear	8
						Randy Bassell	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
6"	FT.						
DEG. OFF							8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.3	DRILLING	7	SIZE D. P.	GEL-15
SIZE	7/8	VISC.	53	CORING CON	1/2	SIZE COLL.	S. APT 3
MAKE	GX20C	WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	CAUS-1
SERIAL NO.	5132785	FILTER CAKE		REPAIRS		KELLY DOWN	LIG-1
DEPTH IN	224	PH.		TRIP		COLLARS	DRS-1/2 st
HOURS RUN	48 3/4	MTL. ADDED (REMARKS)		PUPM	1/4	TOTAL	HULLS-8

REMARKS: 7:00-7:15 Set Rig @ 3069 7:15-10:30 Drill 10:30-10:45 PUPM 10:45-3:14 PUPM 3:14-10:45 TO 3:00 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3270	3474	Lime	80	40000	650	Justin Bunting	8
						Cory Adamson	8
						Chad Mayfield	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
6"	FT.						
DEG. OFF						Jason shewalter	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.3	DRILLING	7	SIZE D. P.	
SIZE	7/8	VISC.	58	CORING CON	1/2	SIZE COLL.	
MAKE	GX20C	WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	FT.
SERIAL NO.	5132785	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	224	PH.		TRIP		COLLARS	FT.
HOURS RUN	55 3/4	MTL. ADDED (REMARKS)		PUPM	1/4	TOTAL	FT.

REMARKS: 3:00-3:45 Only 3:45-4:00 Rig @ 3291 4:00-9:45 Drill 9:45-10:00 PUPM 10:00-11:00 Only

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RECEIVED KANSAS CORPORATION COMMISSION

APR 25 2008

CONSERVATION DIVISION WICHITA, KS

DAILY DRILLING REPORT

REGISTRATION 43-5 BOX 800 TULSA OK 74101

CONTRACTOR

Discovery Drilling Co. INC.

DATE

THURS. 12-13-07

COMPANY

Blackdiamond OIL INC.

LEASE

Solomon

WELL NO.

3

RIG NO.

1

DISTRICT

COUNTY

Ellis

STATE

Ks

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
1881	2216	shale	80	35000	600	DM	Kenny Jones	8
						EM	STANTON Lovelady	8
						H	Dave Bethel	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)				H		
@	FT.							
DEC. OFF		FRAC FULL					Tevvy Jones	8

BIT AND COREHEAD RECORD		12000 RECORD @ 30 AM		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.6	DRILLING	1 1/4	SIZE D. P.	6 1/2 25
SIZE	7/8	VISC.	5.4	CORING	CON 1/4	SIZE COLL.	CAV 1
MAKE	Gx20C	WTR. LOSS-C.C.		OTHER	VRIG 1/4	JTS. D. P.	2 1/2
SERIAL NO.	5132785	FILTER CAKE		REPAIRS		KELLY DOWN	200A 2
DEPTH IN	224	PH.		TRIP		COLLARS	2 1/2
HOURS RUN	22	MTL. ADDED (REMARKS)			Jet 1/2	TOTAL	HULLS 2

REMARKS: 1100-1115 Drill 1115-1130 VRIG 1910 1130-1000 Drill 1000-1030 @ 1973 Jet 2 130-200 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
2216	2508	Shale	80	35000	600	DM	Larry Mlinek	8
						H	Dusty Roneyan	8
						H	Kamely Caspell	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)				H		
@	FT.							
DEC. OFF							Jason Showalter	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	6 1/4	SIZE D. P.	15 Gel
SIZE	7/8	VISC.		CORING	CON 3/4	SIZE COLL.	2 SA
MAKE	Gx20C	WTR. LOSS-C.C.		OTHER	✓ 1/4	JTS. D. P.	1 C
SERIAL NO.	5132785	FILTER CAKE		REPAIRS		KELLY DOWN	1 L
DEPTH IN	224	PH.		TRIP		COLLARS	2 HULLS
HOURS RUN	28 1/4	MTL. ADDED (REMARKS)			Jet 3/4	TOTAL	1/4 DP

REMARKS: 7:00-7:15 Rig @ 2225 7:15-8:15 Drly 8:15-8:30 Jet #1 @ 2256 8:30-9:30 Drly 9:30-9:45 Jet #2 @ 2288 9:45-2:30 Drly 2:30-2:45 Jet #2 @ 2307 2:45-3:00 Drly

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
2508	2797	Shale	80	35000	650	DM	Justin Bunting	8
						H	LARRY MLINER	8
						H	Chad Mayfield	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)				H		
@	FT.							
DEC. OFF							Jason Showalter	8

BIT AND COREHEAD RECORD		10:30 RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.0	DRILLING	6 1/2	SIZE D. P.	55-Gel
SIZE	7/8	VISC.	55+	CORING	CON 3/4	SIZE COLL.	55-Bar
MAKE	Gx20C	WTR. LOSS-C.C.		OTHER	✓ 1/4	JTS. D. P.	9-SA
SERIAL NO.	5132785	FILTER CAKE		REPAIRS		KELLY DOWN	4-C
DEPTH IN	224	PH.		TRIP		COLLARS	4-L
HOURS RUN	34 3/4	MTL. ADDED (REMARKS)			Jet 1/2	TOTAL	1 SK Pack 12 HULLS

REMARKS: 3:00-3:45 Drly 3:45-4:00 Rig @ 2538 4:00-6:30 Drly 6:30-6:45 Clean Section + Clean Screen 6:45-7:30 Drly + Displacing Displaced @ 2661 7:30-7:40 Jet #1 7:45-11:00 Drly

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TOOL PUS RECEIVED KANSAS CORPORATION COMMISSION

APR 25 2008

CONSERVATION DIVISION

DAILY DRILLING REPORT

Wichita 43-5 BOX 800 TULSA OK 74101

CONTRACTOR

Discovery Drilling Co. INC

DATE

wed 12-12-07

COMPANY

Blackdiamond OIL INC.

LEASE

SoloMAN

WELL NO.

3

RIG NO.

1

DISTRICT

COUNTY

Ellis

STATE

Ks

D. H. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
224	530	sand & shale	90	15000	500	Kenny Jones	8
						Dave Bethel	8
						Joe Cotter	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
FT.	FT.						
DEC. OFF						Terry Jones	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	5	SIZE D. P.	
SIZE	7/8	VISC.		CORING	CON	SIZE COLL.	
MAKE	GX20C	WTR. LOSS C.C.		OTHER	WOC	JTS. D. P.	
SERIAL NO.	5132785	FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	224	PH.		TRIP		COLLARS	
HOURS RUN	5	MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 1100-100 WOC @ 224 100-700 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
530	1250	Shale + sand	90	25000	550	Larry Mlinak	8
1250	1265	Anhy				Dusty Rozan	8
						Randy Bassall	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
FT.	FT.						
DEC. OFF						SyITRane	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	5 1/4	SIZE D. P.	4 1/2
SIZE	7/8	VISC.		CORING	CON	SIZE COLL.	4 Collars
MAKE	GX20C	WTR. LOSS C.C.		OTHER	✓	JTS. D. P.	2-6" L
SERIAL NO.	5132785	FILTER CAKE		REPAIRS		KELLY DOWN	2-6" L
DEPTH IN	224	PH.		TRIP		COLLARS	4 Collars
HOURS RUN	10 1/4	MTL. ADDED (REMARKS)		JET	1/2	TOTAL	4 Collars

REMARKS: 7:00 to 7:30 Set R's @ 530. 7:30 to 8:15 Drill. 8:15 to 8:30 Jet @ 10619. 8:30 to 12:30 Drill 12:30 to 12:45 Jet @ 1 @ 1095. 12:45 to 3:00 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1265	1291	Anhy	80	30000	550	Justin Bunting	8
1291	1881	Sand + Shale	80	35000	600	Cory Adanson	8
						Chad Mayfield	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
FT.	FT.						
DEC. OFF						Jason Showalter	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	5 1/2	SIZE D. P.	50-Gel
SIZE	7/8	VISC.		CORING	CON	SIZE COLL.	2-C
MAKE	GX20C	WTR. LOSS C.C.		OTHER	✓	JTS. D. P.	9-SA
SERIAL NO.	5132785	FILTER CAKE		REPAIRS		KELLY DOWN	2-L
DEPTH IN	224	PH.		TRIP		COLLARS	4 Halls
HOURS RUN	15 1/4	MTL. ADDED (REMARKS)		JET	1/2	TOTAL	42 Pac

REMARKS: 3:00 - 3:15 Rig @ 1281 3:15 - 3:45 Drly 3:45 - 5:00 Set @ 12312 5:00 - 8:30 Drly 8:30 - 8:45 Set @ 1283 8:45 - 11:00 Drly

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APPROVED

RECEIVED KANSAS CORPORATION COMMISSION

APR 25 2008

CONSERVATION DIVISION WICHITA, KS

DAILY DRILLING REPORT

43-5 BOX 800 TULSA OK 74101

CONTRACTOR

Discovery Drilling Co. Inc.

DATE

TUESDAY  
12-11-07

COMPANY

Black Diamond O.L. Inc.

LEASE

Solomon

WELL NO.

3

RIG NO.

1

DISTRICT

COUNTY

Ellis

STATE

KS

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM KENNY JONES	8
						EM Dave Bethel	8
						H	
						H	
SLOPE TEST		ACCIDENT: -					
@		FT.					
DEC. OFF						Terry Jones 8	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	1/2
SIZE		VISCO.		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: 700-300 rig up/pump 1/4 and water/tally

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
0	205	Sand Shale	120	All	500	DM Terry Mlinck	8
						EM Dusty Rozman	8
						H Joe Cettler	8
						H	
SLOPE TEST		ACCIDENT: -					
@		FT.					
DEC. OFF						Syl Pomeroy 8	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	1	WEIGHT		DRILLING	2 3/4	SIZE D. P.	
SIZE	12 1/4	VISCO.		CORING	Con	SIZE COLL.	
MAKE	Mx090x	WTR. LOSS-C.C.		OTHER	rip up	JTS. D. P.	FT.
SERIAL NO.	6005028	FILTER CAKE		REPAIRS	1/4	KELLY DOWN	FT.
DEPTH IN	0	PH.		TRIP	1/4	COLLARS	FT.
HOURS RUN	2 3/4	MTL. ADDED (REMARKS)		TOTAL			FT.

REMARKS: 7:00 to 11:00 Final Rigging up (ICE), 11:00 to 11:15 Drill Bit Hole, Spud at 11:15, 11:15 to 3:00 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
205	224	Sand Shale	120	All	500	DM Justin Banting	8
						EM Cory Alanson	8
						H Chad Playfield	8
						H	
SLOPE TEST		ACCIDENT: -					
@ 224		FT.					
1/4 DEC. OFF						Jason Shoverter 8	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	1	WEIGHT		DRILLING	1/4	SIZE D. P.	
SIZE	12 1/4	VISCO.		CORING		SIZE COLL.	
MAKE	Mx090x	WTR. LOSS-C.C.		OTHER	WOC	JTS. D. P.	FT.
SERIAL NO.	6005028	FILTER CAKE		REPAIRS	8 3/4	KELLY DOWN	FT.
DEPTH IN	0	PH.		TRIP	1	COLLARS	FT.
HOURS RUN	3	MTL. ADDED (REMARKS)		TOTAL	1/2		FT.

REMARKS: 3:00-3:15 Rig 3:15-3:30 Let down Circ 3:30-4:30 Drilling Tow/Bit Run 8 3/4 4:30-4:45 Circ 8 3/4 4:45-5:00 Cement 8 3/4, 5:00-11:00 WOC.

APR 25 2003

CONSERVATION DIVISION WICHITA, KS





CHARGE TO: *PERMITS DIVISION*

ADDRESS

CITY, STATE, ZIP CODE

TICKET  
No 13209

PAGE 1 OF 2

SERVICE LOCATIONS 1. <i>1111</i>	WELL/PROJECT NO. <i>3</i>	LEASE <i>SOLIMON</i>	COUNTY/PARISH <i>ELLIS</i>	STATE <i>KS</i>	CITY	DATE <i>12/13/07</i>	OWNER
2. <i>1055</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <i>Discovery 1</i>	SHIPPED VIA <i>CT</i>	DELIVERED TO <i>1201 W. SE. on 9th</i>	ORDER NO.	
3.	WELL TYPE <i>CL</i>	WELL CATEGORY <i>DEVELOP</i>	JOB PURPOSE <i>LONG TERM</i>	WELL PERMIT NO. <i>15051-25687</i>	WELL LOCATION <i>SD1 T11-19</i>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE #105	40				4.00	160	00
578		1			Hand Service	1				1250.00	1250	00
281		1			Mud Fresh	500				75	375	00
290		1			J AIR	3				32.00	96	00
402		1			CH. TO. 1012	7		5 1/2		95.00	665	00
403		1			CUT BLOCK	3		5 1/2		290.00	870	00
401		1			LAMINATED PUGH PAPER	1		5 1/2		215.00	215	00
407		1			WEST FLOORING 41/ANTIFILL	1		5 1/2		310.00	310	00
419		1			ROTARY C AND RESIN	1		5 1/2		250.00	250	00
<b>RECEIVED</b> KANSAS CORPORATION COMMISSION <b>APR 25 2008</b> CONSERVATION DIVISION WICHITA, KS												

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *[Signature]*

DATE SIGNED *12/13/07* TIME SIGNED *1:30*

A.M.  
 P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.  
P.O. BOX 466  
NESS CITY, KS 67560  
785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	<i>4211</i>	<i>00</i>
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				<i>11</i>	<i>8284</i>	<i>58</i>
WE UNDERSTOOD AND MET YOUR NEEDS?						
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				<i>Total</i>	<i>12,495</i>	<i>58</i>
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX		
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			TOTAL		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						



**JOB LOG**

**SWIFT Services, Inc.**

DATE 12-15-07 PAGE NO. 1

CUSTOMER Black Diamond WELL NO. 3 LEASE Solomon JOB TYPE LONG STRINE TICKET NO. 13009

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1600							ON LOCATION, DISCUSS JOB
								CMT 450 SMD 14" PER SEC
								RD 3185, SET P. 20 @ 3120, SJ 17.75, T-5500 342
								5 1/2 14" NEW out 6.26.80
								CMT 1, 3, 5, 10, 12, 14, 54 JAWTS 213.55
								RECEIVED KANSAS INFORMATION COMMISSION
	1700							START CS6
	1810							THROTTLE, DRIP BALL
								HOOD UP
	1820							BREAK IN - ROTATE PIPE
	1900		5 1/2 3 1/2					Aug 24, 1911
	1910	4.5	0			ROD		START MIX FLUSH
			10					END FLUSH
			0					START MIXING CMT 350 SMD @ 11.2"
			85					CMT ON BOTTOM
			130					
			150					
			190					START MIXING 100 SMD @ 11.2"
	2000	4.5	225			ROD		END CMT
								DRIP BALL, WASH OUT R
	2005	50	0			ROD		START W/S
			20			350		
			40			400		
			60			500		
			70			500		
		40	75			600		
		40	80			750		
	2025	70	84.4			1400		LAND LOG, CIRCUM CELLAR!
								RECEIVED 20 S/S
								WASH UP
								DRIP UP
								TICKETS
	2115							JOB COMPLETE
								THANK YOU!
								DAVE TESAB, JEFF

DATE 1/30/08

CHARGE TO: Black Diamond Oil, Inc.  
 ADDRESS \_\_\_\_\_  
 LEASE AND WELL NO. Soloman #3 FIELD Soloman  
 NEAREST TOWN Yocemento COUNTY Ellis STATE Ks  
 CUSTOMER'S ORDER NO. Verbal-Kenneth SEC. 21 TWP. 11 RANGE 19w  
 SERVICES RENDERED:

<u>1/30/08 Service charge</u>	<u>500.00</u>
<u>Mileage - 23 mi. @ \$3/mi.</u>	<u>69.00</u>
<u>Gamma ray / Neutron log</u>	
<u>Depth charge - 3483' @ \$.35/ft</u>	<u>1219.05</u>
<u>Logging charge - min.</u>	<u>350.00</u>
<u>Bottom gamma ray log</u>	
<u>Depth charge - 3483' @ \$.20/ft.</u>	<u>696.60</u>
<u>Logging charge</u>	<u>N.C.</u>
<u>Jet perforating</u>	
<u>1" 10 holes - min.</u>	<u>650.00</u>
<u>Next 18" @ \$.25/hole</u>	<u>450.00</u>
<u>Bridge plug: 5 1/2" Alpha M-2</u>	
<u>Set @ 3450</u>	<u>1075.00</u>
	<u>\$5009.65</u>

parts: Less discount if pd. w/in 30 days - 251.45  
3340-48/12 New well / No set tax \$4,258.20  
3362-66 4/16 mat. used: 28-4" 9' PC, 2 UBD, 1 set Baker charges

ZERO K.B. 8' A.G.L. CASING SIZE 5 1/2" WEIGHT 14 #  
 CUSTOMER'S T.D. 3488 T.D. 3483 FLUID LEVEL 2600  
 ENGINEER Randy K. Longene OPERATOR Mike H.

RECEIVED THE ABOVE ACCORDING TO THE TERMS AND CONDITIONS SPECIFIED BELOW WHICH WE HAVE READ AND TO WHICH WE HEREBY AGREE

CUSTOMER \_\_\_\_\_ AUTHORIZED AGENT \_\_\_\_\_

### GENERAL TERMS AND CONDITIONS OF SERVICE

- (1) All accounts are to be paid within the terms fixed by L-K Wireline, Inc. invoices; and should these terms not be observed, interest at the rate of 1 1/2% per month will be charged from the date of such invoice.
- (2) Because of the uncertain conditions existing in a well which are beyond the control of L-K Wireline, Inc. It is understood by the customer that L-K Wireline, Inc. cannot guarantee the results of their services and will not be held responsible for personal or property damage in the performance of their services.
- (3) Should any L-K Wireline, Inc. instruments be lost or damaged in the performance of the operations requested, the customer agrees to make every reasonable effort to recover same, and to reimburse L-K Wireline, Inc. for the value of the items which cannot be recovered, or the cost of repairing damage to items recovered.
- (4) It is further understood and agreed that all depth measurements shall be supervised by the customer or its employees, and customer hereby certifies that the zones, as shot were approved.
- (5) The customer certifies that it has the full right and authority to order such work on such well and that the well in which the work is to be done by L-K Wireline, Inc. is in proper and suitable condition for the performances of said work.
- (6) No employee is authorized to alter the terms or conditions of this agreement.

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478 25 2008

CONSERVATION DIVISION  
WICHITA, KS  
Printcraft Printers - 785-625-2576

L-K Wireline

Perforating · R.A. Logging · Free Point

East Highway 40 - Box 424  
Hays, Kansas 67601

Phone 913-625-6877

Date 4/25/08

**PERFORATION RECORD**

Company Wichita State University  
 Lease 23  
 Pipe Size 2 1/2" Weight 14.7 Field 23  
 Sec. 1 Twp. 11 Range 7E Co. 11B State KS  
 Engineer Wichita State Operator Wichita State  
 Fluid Level 100 TD 300 Operator Wichita State

**PERFORATING**

Collars

Collars

Jet Perforate-	From <u>23</u>	To <u>25</u>	No. of Shots <u>1</u>
Jet Perforate-	From <u>23</u>	To <u>25</u>	No. of Shots <u>1</u>
Jet Perforate-	From	To	No. of Shots
Jet Perforate-	From	To	No. of Shots
Jet Perforate-	From	To	No. of Shots
Jet Perforate-	From	To	No. of Shots
Jet Perforate-	From	To	No. of Shots
Jet Perforate-	From	To	No. of Shots
Jet Perforate-	From	To	No. of Shots
Jet Perforate-	From	To	No. of Shots
Other	<u>Wichita State</u>		
Other	<u>Wichita State</u>		
Other	<u>Wichita State</u>		
Other	<u>Wichita State</u>		

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**APR 25 2008**  
**CONSERVATION DIVISION**  
**WICHITA, KS**

**PLUGS**

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

# ALLIED CEMENTING CO. INC.

29676

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

SERVICE POINT:

*Russell*

DATE <i>12 11-02</i>	SEC. <i>21</i>	TWP. <i>11</i>	RANGE <i>19</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <i>5:00 pm</i>
LEASE <i>3-22-02</i>	WELL # <i>3</i>	LOCATION <i>1-1/2 mi. north 11 N</i>			COUNTY <i>Fris</i>	STATE <i>Ks</i>	
OLD OR NEW (Circle one) <input checked="" type="checkbox"/> NEW			<i>Wm S. t.</i>				

CONTRACTOR *Drummond, Nelly, Ks # 1*

TYPE OF JOB *Surface Well*

HOLE SIZE *12 1/2* T.D. *223*

CASING SIZE *4 1/2 20"* DEPTH *223.34*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *11'*

PERFS.

DISPLACEMENT *13 26 gal*

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED *150 Com PCC*

*23 Gal*

COMMON @ \_\_\_\_\_

POZMIX @ \_\_\_\_\_

GEL @ \_\_\_\_\_

CHLORIDE @ \_\_\_\_\_

ASC @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

HANDLING @ \_\_\_\_\_

MILEAGE \_\_\_\_\_

### EQUIPMENT

PUMP TRUCK CEMENTER *Steve*

# *409* HELPER *Adrian*

BULK TRUCK

# *400* DRIVER *Chuck*

BULK TRUCK

# DRIVER

### REMARKS:

\_\_\_\_\_

\_\_\_\_\_

*Cap and Seal*

\_\_\_\_\_

\_\_\_\_\_

CHARGE TO: *Miss Powell*

STREET \_\_\_\_\_

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

TOTAL \_\_\_\_\_

### SERVICE

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

PUMP TRUCK CHARGE \_\_\_\_\_

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

MILEAGE @ \_\_\_\_\_

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

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

### PLUG & FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

*5' 1/2" diameter plug* @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

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

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

*Thanks!*

SIGNATURE *[Signature]*

PRINTED NAME \_\_\_\_\_

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APR 25 2003

CONSERVATION DIVISION  
MARCH 12, 2003