

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: NCRA
Operator Contact Person: KENNETH VEHIGE
Phone: (785) 625-5891
Contractor: Name: W. W. DRILLING
License: 33575
Wellsite Geologist: KENNETH VEHIGE/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. _____
10-28-2005 ² 11-~~2~~2005 ² 11/2/05
Spud Date or ² Date Reached TD ² Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 163-23486-0000
County: ROOKS
E/2 SW NW Sec. 32 Twp. 7 S. R. 20 East West
1950' feet from S (N) (circle one) Line of Section
900' feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: BERLAND Well #: 1
Field Name: WILDCAT
Producing Formation: Dry Hole
Elevation: Ground: 2005 Kelly Bushing: 2010
Total Depth: 3511 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 219 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to PA-Dlg - 10/16/09 ^{w/} _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 2000 ppm Fluid volume 200 bbls
Dewatering method used Air Dry
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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: 12/1/2005
Subscribed and sworn to before me this 1st day of December,
20 05
Notary Public: [Signature]
Date Commission Expires: 7-18-07

VERDA M. BRIN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 7-18-07

KCC Office Use ONLY
No Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
3 0 8 2006

KCC WICHITA X

Operator Name: BLACK DIAMOND OIL, INC. Lease Name: BERLAND Well #: 1
 Sec. 32 Twp. 7 S. R. 20 East West County: ROOKS

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

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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: Compensated Density Sonic & Dual Induction	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1575</td> <td>+435</td> </tr> <tr> <td>Topeka</td> <td>2986</td> <td>-976</td> </tr> <tr> <td>Heebner</td> <td>3191</td> <td>-1180</td> </tr> <tr> <td>Lansing KC</td> <td>3232</td> <td>-1222</td> </tr> <tr> <td>BKC</td> <td>3431</td> <td>-1421</td> </tr> <tr> <td>Arbuckle</td> <td>3487</td> <td>-1477</td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	1575	+435	Topeka	2986	-976	Heebner	3191	-1180	Lansing KC	3232	-1222	BKC	3431	-1421	Arbuckle	3487	-1477
Name	Top	Datum																				
Anhydrite	1575	+435																				
Topeka	2986	-976																				
Heebner	3191	-1180																				
Lansing KC	3232	-1222																				
BKC	3431	-1421																				
Arbuckle	3487	-1477																				

CASING RECORD <input checked="" 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	12-1/4	8-5/8		218	COM	160	3%CC 2%GEL

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	3511	COM	214	60/40 6% GEL

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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 <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
---	---	---------------------

RECEIVED

FEB 08 2006

KCC WICHITA

ALLIED CEMENTING CO., INC.

21575

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

SERVICE POINT: 2

ORIGINAL

DATE <u>10-28-06</u>	SEC <u>32</u>	TWP <u>7</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION <u>5:00am</u>	JOB START	JOB FINISH <u>6:30am</u>
LEASE <u>PERMANENT</u>	WELL # <u>1</u>	LOCATION <u>Diamond Rd - 2d</u>			COUNTY <u>GOOKS</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR WW #2

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 226

CASING SIZE 8 7/8 DEPTH 218

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS LINE SHOE JOINT

CEMENT LEFT IN CSG. 10-15'

PERFS.

DISPLACEMENT 13 BBL

OWNER

CEMENT

AMOUNT ORDERED 160 cu yd 3% oil 29.081

EQUIPMENT

PUMP TRUCK CEMENTER MARK

366 HELPER FRED

BULK TRUCK

213 DRIVER BRIAN

BULK TRUCK

DRIVER

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

REMARKS:

TOTAL

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE

MILEAGE

MANIFOLD

RECEIVED

FEB 08 2006

KCC WICHITA

TOTAL

CHARGE TO: Bill Diamond

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

870 wood @

@

@

@

@

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.

SIGNATURE

[Signature]

PRINTED NAME

[Signature]

ORIGINAL

RECEIVED

FEB 08 2006

DATE

10-28-05

DAILY DRILLING REPORT

43

CONTRACTOR

W W DRIG LLC

KCC WICHITA

WELL NO.

1

RIG NO.

2

COMPANY

Black Diamond

LEASE

Berland

DISTRICT

COUNTY

Rooks

STATE

KS

D. P. STRING NO.

1

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
						DM J.O. HAFLIGER
						EM CHUCK GHAMM
						H ENIC BRAUN
						H
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				
@	FT.					
	DEG. OFF					DRLR JOHN STEFAN

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

REMARKS: 7:00-3:00 MOVE RIG TO BLACK DIAMOND BERLAND AND RIG UP

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
0	40					DM Dan McFarren
						EM Sid DAVISCHER
						H Kyle Kinderknecht
						H
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				
@	FT.					
	DEG. OFF					DRLR Martin Milk

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	1	WEIGHT		DRILLING		SIZE D. P.	
SIZE	13 1/4	VISC.		CORING		SIZE COLL.	
MAKE	SMITH	WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	01	PH.		TRIP		COLLARS	
HOURS RUN	1	MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 7:00-1:00 Load out Rg from Leroy Unit #1 & move to Berland #1 RIG UP
 1:00-2:00 Drly Patch, 2:00-3:00 Drly.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
40	270	Sand Shale	100	All	200	DM Pete Keith
						EM Riley DAVISCHER
						H Kyle Kinderknecht
						H
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				
@	FT.	44 gal 4 SA Lq 2 CA 2				
	DEG. OFF	7 hyls 10 cups DISPAK				DRLR Lonnie Lang

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	1	WEIGHT		DRILLING		SIZE D. P.	
SIZE	12 1/4	VISC.		CORING		SIZE COLL.	
MAKE	SMITH	WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	01 220	PH.		TRIP		COLLARS	
HOURS RUN	2	MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 3:00-4:00 Drill, 4:00-5:00 Set Collar & Fish LIA Hammer OUT of Collar
 & fill up hose, 5:00-6:30 Run 5 yds B/B 20" Tally 211.19 set @
 219 w/ 1000k Common 3% @ 2% gel did circ by Allied 6:30-11:00 WDC

DAILY DRILLING REPORT
43

CONTRACTOR W W DRLG LLC		DATE 10-29-05
COMPANY BLACK DIAMOND OIL CO.	LEASE BERLAND	WELL NO. 1
DISTRICT	COUNTY ROCKS	RIG NO. 2
	STATE KS	D. P. STRING NO.
		SIZE 4 1/2

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	H
220	620	SAND SHALE				DM J.D. HAFLIGER	8
						EM CHUCK GUMM	8
		FUEL 2656				H ERIC BRAUN	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)	BEGALB 10 HULLS 205711 4ASH				
@	FT.	2-LIG 2 1/2 PAC 4 IN FRAC					
DEG. OFF						DRLR JOHN STEFAN	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	4 1/4	SIZE D. P.	
SIZE	7 7/8	VISC.		CORING		SIZE COLL.	
MAKE	SMITH	WTR. LOSS-C.C.		OTHER SET	1/4	JTS. D. P.	
SERIAL NO.	PC 7688	FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	220	PH.		TRIP		COLLARS	
HOURS RUN	4 1/4	MTL. ADDED (REMARKS)		3 1/2	W.O.C.	TOTAL	

REMARKS: 1:00-2:30 W.O.C. 8 MPS 2:30 DRLG PLUG 2:30-5:15 DRLG 5:15-5:30 JET #1 @ 496 5:30-7:00 DRLG

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	H
620	1521	sand & shale	90	24		DM Don McLaughlin	8
						EM Sid Dierker	8
						H Kyle Kinder Kinocht	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)	20-6el, 2-SA, 1-Lig, 1-PAUS				
@	FT.	2-Hulls, 5-cups O-fel.					
DEG. OFF		Frac is full				DRLR MARTIA MILLS	

RECEIVED
FEB 08 2006
COWHITA

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	88	DRILLING	7 1/2	SIZE D. P.	
SIZE	7 7/8	VISC.	28	CORING	1/4	SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	
SERIAL NO.	PC 7688	FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	220	PH.		TRIP		COLLARS	
HOURS RUN	11 1/4	MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 7:00-7:15 Service Rig, 7:00-10:30 Drlg, 10:30-10:45 JET #1 @ 1056, 10:45-3:00 Drlg

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	H
1521	1576	Shale & SAND	90	38	800	DM Pete Keith	8
1577	1611	Shly				EM Riley Dentscher	8
1612	2070	SAND & SHALE				H Kyle Kinder Kinocht	8
SLOPE TEST		ACCIDENT:-- (GIVE NAME)	20 6el				
@	FT.						
DEG. OFF						DRLR LOMIC LANG	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	12	DRILLING		SIZE D. P.	
SIZE	7 7/8	VISC.		CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	
SERIAL NO.	PC 7688	FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	220	PH.		TRIP		COLLARS	
HOURS RUN	19 1/4	MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 3:00-3:15 Rig 3:15 6:15 Drlg 6:15-6:30 Jet P 1803 6:30-11:00 Drlg

ORIGINAL

RECEIVED

DAILY DRILLING REPORT
 43

CONTRACTOR: W.W. DRILLING LLC
 DATE: FEB 08 2006
 LEASE: BERLAND
 RIG NO.: 10-30-05
 COMPANY: BLACK DIAMOND
 DISTRICT: ROOKS
 STATE: KS
 D. P. STRING NO.: 2
 SIZE: 4 1/2

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
2070	2345	SAND SHALE	30	35000	650	J. D. HAFUGER CHUCK GHUMIN ERIC BRAUN
		FUEL 2260				
SLOPE TEST @ FT. DEG. OFF		ACCIDENT: (GIVE NAME)		DRLR JOHN STEFAN		

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	NA	DRILLING	8 1/2	SIZE D. P.	
SIZE	7 7/8	VISC.	IVE	CORING		SIZE COLL.	
MAKE	SMITH	WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.	PC 7688	FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	220	PH.		TRIP	1/2	COLLARS	
HOURS RUN	2 7/4	MTL. ADDED (REMARKS)		TOTAL			

REMARKS: 11:00-11:30 DRLG 11:30-11:45 RIG/JET #1 @ 2145 11:45-3:45 DRLG 3:45-4:00 SET 41 @ 2394 4:00-7:00 DRLG 2 1/4 HRS

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
2345	2860	Lime & Shale	80	35000		Dan McFarren Sid Derstcher Kyle K. Oberkirch
SLOPE TEST @ FT. DEG. OFF		ACCIDENT: (GIVE NAME)		DRLR MARTIN MILLS		

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	8.6	DRILLING	1	SIZE D. P.	
SIZE	7 7/8	VISC.	58	CORING	1/4	SIZE COLL.	
MAKE	SMITH	WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.	PC 7688	FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	220	PH.		TRIP	3/4	COLLARS	
HOURS RUN	3 1/4	MTL. ADDED (REMARKS)		TOTAL			

REMARKS: 7:00-7:30 Drlg, 7:30-7:45 Service Rig, 7:45-11:00 Drlg, 11:00-11:30 Drlg, SET #142 collar, 11:30-12:15 Drlg, 12:15-12:30 SET #142 collar @ 2743 Drlg, CORG, 12:30-3:00 Drlg

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
2860	3185	Lime & Shale	80	38000	750	Pete Keith Bilay Derstcher Tyler Lang
SLOPE TEST @ FT. DEG. OFF		ACCIDENT: (GIVE NAME)		DRLR Lonnie Lang		

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2 1/2	WEIGHT	89	DRILLING		SIZE D. P.	
SIZE	7 7/8	VISC.	56	CORING		SIZE COLL.	
MAKE	SMITH	WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.	PC 7688	FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	220	PH.		TRIP	1/4	COLLARS	
HOURS RUN	4 1/2	MTL. ADDED (REMARKS)		TOTAL			

REMARKS: 3:00-3:15 R. 9 R 3:15-11:00 Drlg

DAILY DRILLING REPORT
43

CONTRACTOR: **W W DRILLING LLC** DATE: **FEB 08 2006**
 LEASE: **BLACK DIAMOND OIL CO. BERLANDO KCC WICHITA**
 WELL NO.: **1** RIG NO.: **2**
 COUNTY: **ROOKS** STATE: **KS**
 D. P. STRING NO.: **1** SIZE: **4 1/2**

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
3185	3325	LIME - SHALE	75	2800	750	J. D. HAELIGER
						CHUCK GHUDDM
		FUEL 175L				ERIC BRAUN
SLOPE TEST		ACCIDENT: - (GIVE NAME)				
@	FT.					
DEG. OFF				DRLR: JOHN STEFAN		

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.0 8.9	DRILLING	4 3/4	SIZE D. P.	
SIZE	7 7/8	VISC.	59 54	CORING		SIZE COLL.	
MAKE	SMITH	WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.	PC 7688	FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	220	PH.	11 5 30	TRIP		COLLARS	
HOURS RUN	46 3/4	MTL. ADDED (REMARKS)		CO. TIME	3 1/4	TOTAL	

REMARKS: 11:00-12:00 DRILG 12:00-12:45 CFS @ 3230 12:45-3:45 DRIG 3:45-3:45 CFS @ 3285-3:45-4:45 DRIG 4:45-5:15-CFS @ 3305 5:15-6:00 DRIG 6:00-7:00 CFS @ 3325

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
3325		Lime & shale	80	3800	850	Dan McFarred
						Sid Deutscher
						Kyle Kindrick
SLOPE TEST		ACCIDENT: - (GIVE NAME)				
@	3325 FT.					
DEG. OFF		5000 chrs .49 @ 3325		DRLR: MARVIN MILLS		

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	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.	PC 7688	FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	220	PH.		TRIP		COLLARS	
HOURS RUN	46 3/4	MTL. ADDED (REMARKS)		CO. TIME	8	TOTAL	

REMARKS: 7:00-8:15 short TRIP 2450. 8:15-9:15 catch 9:15-10:45 Mfg Surv., 7:00/10:15 10:45-12:15 pickup tool & TBM 400, 12:15-3:00 test rig

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
3325	3394	Lime & shale	80	3800	550	Pete Keith
						Riley Deutscher
						Tyler Lang
SLOPE TEST		ACCIDENT: - (GIVE NAME)				
@	FT.	105' M.O				
DEG. OFF		30' 50 @ MW		DRLR: Kenneth Lang		

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	5 1/2	SIZE D. P.	
SIZE	7 7/8	VISC.		CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.	PC 7688	FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	220	PH.		TRIP		COLLARS	
HOURS RUN	49 3/4	MTL. ADDED (REMARKS)		CO. TIME	5 @	TOTAL	

REMARKS: 3:00-3:15 test rig 3:15-4:15 out with tool 4:15-4:45 BREAK tool 4:45-6:15 TBM 400 6:15-8:45 DRIG 8:45-10:00 CFS @ 3384 10:00-10:30 DRIG 10:30-11:00 CFS 3394

ORIGINAL

RECEIVED
 FEB 08 2006

DAILY DRILLING REPORT
 43

CONTRACTOR: **W W DRILLING LLC** DATE: **KCC WICHITA 1-05**
 LEASE: **BLACK DIAMOND OIL CO. BERLAIN** WELL NO.: **1** RIG NO.: **2**
 DISTRICT: COUNTY: **ROCKS** STATE: **KS** D. P. STRING NO.: SIZE: **4 1/2**

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
3394	3394	LIME - SHALE			800	J.D. HAELIGER
						CHUCK GHumm
		FUEL				ERIC BRAUN
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				
@	FT.					
DEG. OFF				DRLR: JOHN STEFAN		

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.1	DRILLING		SIZE D. P.	
SIZE	7 7/8	VISC.	50	CORING		SIZE COLL.	
MAKE	SMITH	WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.	PC 7688	FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	220	PH.		TRIP		COLLARS	
HOURS RUN	49 1/2	MTL. ADDED (REMARKS)			8 1/25	TOTAL	

REMARKS: 11:00 - 12:00 CES @ 3394 12:00 - 1:15 T.O.W BIT 1:15 - 1:45 MAKE UP TOOL +
 HIT SPIN CHAIN 1:45 - 2:30 T.O.W TOOL 2:30 - 4:00 STRING 4:00 - 5:00 T.O.W
 7:00 - 8:30 Break Tool 7:00 - 7:00 T.O.W BIT

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
3394	3431	Lime & shale	80	38 ⁰⁰	750	Dan McFarland
						Sid Deutscher
						Kyle Kunderkrecht
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				
@	FT.					
DEG. OFF				DRLR: MARVIN M. H.		

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	1 1/4	SIZE D. P.	
SIZE	7 7/8	VISC.		CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.	PC 7688	FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	220	PH.		TRIP		COLLARS	
HOURS RUN	50 3/4	MTL. ADDED (REMARKS)			CO. Time 6 3/4	TOTAL	

REMARKS: 7:00 - 7:15 T.O.W BIT, 7:15 - 7:30 Drlg, 7:30 8:45 CES @ 3408, 8:45 - 9:45 Drlg
 9:45 - 11:00 CES @ 3431, 11:00 - 12:15 T.O.W BIT 40ST #3 + Pickup Tool
 12:15 - 1:30 T.O.W BIT, 1:30 - 2:30 ESTIM, 2:30 - 3:00 T.O.W BIT

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
3431	3482	Lime & shale	80	25 ⁰⁰	800	Pete Keith
						Ridgely Deutscher
						Tyler Lang
SLOPE TEST		ACCIDENT:-- (GIVE NAME) 10 gal				
@	FT.					
DEG. OFF				DRLR: Louise Lang		

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	52	DRILLING	2 1/2	SIZE D. P.	
SIZE	7 7/8	VISC.	53	CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.	PC 7688	FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	210	PH.		TRIP		COLLARS	
HOURS RUN	53 1/4	MTL. ADDED (REMARKS)			CO. Time 6 1/2	TOTAL	

REMARKS: 3:00 - 3:45 O.W. Tool 3:45 - 4:15 Tool 4:15 - 5:30 F.E.W.
 5:30 - 6:00 Drlg 6:00 - 7:15 CES @ 3444 7:15 - 8:30 Drlg
 8:30 - 9:45 CES @ 3478 9:45 - 10:00 Drlg 10:00 - 11:00 CES @ 3482

APPROVED

TO PU

ALLIED CEMENTING CO., INC. 25788

Federal Tax I.D. # XXXXXXXXXX

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

SERVICE POINT: Russell

ORIGINAL

DATE <u>1/2/06</u>	SEC <u>32</u>	TWP <u>7</u>	RANGE <u>20</u>	CALLED OUT <u>5:00 pm</u>	ON LOCATION <u>7:00 pm</u>	JOB START <u>7:30</u>	JOB FINISH <u>10:30</u>
LEASE <u>Boiland</u>	WELL # <u>1</u>	LOCATION <u>Denar 5 1/2 N 1/2 E</u>		COUNTY <u>Boone</u>	STATE <u>Ks.</u>		
OLD OR NEW (Circle one) <u>OLD</u>				N. I. T. S.			

CONTRACTOR Wm Drilling Rig #2

TYPE OF JOB Rotary Plug

HOLE SIZE 2 7/8 T.D. 3511

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 215 60 67.60

4 # 1/2

EQUIPMENT

PUMP TRUCK CEMENTER Shane

361 HELPER Glen

BULK TRUCK DRIVER Gary

362

BULK TRUCK DRIVER _____

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

RECEIVED

FEB 08 2006

KCC WICHITA

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

REMARKS:

25 sk @ 28.90

25 sk @ 16.00

120 sk @ 27.50

40 sk @ 27.50

10 sk @ 40

15 sk @ 24.00

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

CHARGE TO Black Diamond Drilling

STREET PO Box 641

CITY Hayes STATE Ks ZIP 67601

TOTAL _____

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

Dr. Bob Aug @ _____

_____ @ _____

_____ @ _____

TOTAL _____

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.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

Signature Dusty Rhoades

GWB JTB

PRINTED NAME

ORIGINAL

DAILY DRILLING REPORT
43

CONTRACTOR W W DRILLING LLC	DATE 11-2-05
COMPANY BLACK DIAMOND OIL CO.	LEASE BERLAND
DISTRICT	COUNTY
STATE KS	WELL NO. #1
	RIG NO. 2
	D. P. STRING NO.
	SIZE 4 1/2

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
3482	3482	SHALE - LIMESTONE				DM J.D. HAFLIGER
						EM CHUCK GILMUM
		FUEL 1243				H ERIC BRAUN
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H
@	FT.					
DEG. OFF		DST #4 45-45-45-45				DRLR JOHN STEFAN

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.1	DRILLING		SIZE D. P.	
SIZE	7/8	VISC.	49	CORING		SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.		FILTER CAKE		REPAIRS	1/2	KELLY DOWN	
DEPTH IN	20	PH.		TRIP		COLLARS	
HOURS RUN	5.34	MTL. ADDED (REMARKS)		T.O. TIME	7 1/2 HRS	TOTAL	

REMARKS: 11:00-11:15 CFS @ 3482 WOB - 12:30 T.O.W. BIT 12:30-1:30 MAKE UP TOTAL + 11
 LOGS BRINGS 1:30-2:30 T.I.W. TOOL 2:30-5:00 TESTING @ 3:30-7:00 T.O.W. TOTAL

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
3482	3511	Lime & shale	80	38 ⁰⁰	750	DM Dan McFarren
						EM Sid Deutscher
						H Kyle Rindor Knacht
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H
@	FT.					
DEG. OFF		RYD 3511		E11 TO 3506		DRLR Martin Mills

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	3	WEIGHT		DRILLING	314	SIZE D. P.	
SIZE	7/8	VISC.		CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.	PC3208	FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	3482	PH.		TRIP		COLLARS	
HOURS RUN	1	MTL. ADDED (REMARKS)		T.O. TIME	7:44	TOTAL	

REMARKS: 7:00-8:30 T.I.H. BIT, 8:30-9:15 Delay, 9:15-10:15 Circ. 500 Long, 10:15-11:30
 Drop Survey & TOH BIT 9/10/05, 11:30-1:00 W.O. logs, 1:00-3:00 Rqsp logs & Logging

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
3511						DM Pete Keith
						EM Riley Deutscher
						H Tyler Lang
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H
@	FT.					
DEG. OFF						DRLR Lonnie Lang

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		VISC.		CORING		SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN		PH.		TRIP		COLLARS	
HOURS RUN		MTL. ADDED (REMARKS)		T.O. TIME	8	TOTAL	

REMARKS: 8:00-4:45 Logging, 4:45-5:00 R36 DOWN LOGS, 5:00-6:00 TSH AC-10-00
 6:00-7:45 T.I.H. W/O.P., 7:15-7:30 R36 UP CENTER, 7:30-10:30 PLOT HOLE LOOP
 10:00-10:00 - R36 DOWN, TEAR DOWN R36

ORIGINAL

DAILY DRILLING REPORT

43

CONTRACTOR W.W. DRILLING LLC	DATE 11-3-05
COMPANY BLACK DIAMOND OIL CO. BERLAND	WELL NO. #1
DISTRICT	RIG NO. 2
COUNTY ROCKS	D. P. STRING NO.
STATE KS	SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	D
						J.D. HAUGER	8
						CHUCK GROMM	8
						ERIC BRAUN	8
		EUEC 11.31					
SLOPE TEST	@	ACCIDENT:-- (GIVE NAME)					
	FT.						
	DEG. OFF					JOHN STEPHAN	8

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

REMARKS: 7:00 - 10:30 LAY DOWN PIPE TEAR DOWN RIG, PLUG DOWN 10:30
 SET CEMAR - SET PITS RIG RELEASED 2:30

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	D
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.	
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN		PH.		TRIP		COLLARS	
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	

REMARKS:

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	D
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.	
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN		PH.		TRIP		COLLARS	
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	

REMARKS:

APPROVED

RECEIVED
 FEB 08 2006
 KCC WICHITA