

Operator Name: Black Diamond Oil, Inc. Lease Name: Esslinger Well #: 1
 Sec. 26 Twp. 4 S. R. 22 East West County: Norton

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

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Sonic, Density Neutron, Micro, Dual Induction	<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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1884</td> <td>+358</td> </tr> <tr> <td>Topeka</td> <td>3202</td> <td>-960</td> </tr> <tr> <td>Heebner</td> <td>3399</td> <td>-1157</td> </tr> <tr> <td>Lansing/KC</td> <td>3441</td> <td>-1199</td> </tr> <tr> <td>Gorham</td> <td>3680</td> <td>-1438</td> </tr> <tr> <td>Arbuckle</td> <td>3689</td> <td>-1447</td> </tr> </table>	Name	Top	Datum	Anhydrite	1884	+358	Topeka	3202	-960	Heebner	3399	-1157	Lansing/KC	3441	-1199	Gorham	3680	-1438	Arbuckle	3689	-1447
Name	Top	Datum																				
Anhydrite	1884	+358																				
Topeka	3202	-960																				
Heebner	3399	-1157																				
Lansing/KC	3441	-1199																				
Gorham	3680	-1438																				
Arbuckle	3689	-1447																				

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	20#	220	Common	150	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				

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

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

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 KANSAS CORPORATION COMMISSION SEP 14 2007 CONSERVATION DIVISION WICHITA, KS
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DAILY DRILLING REPORT

43
 COMPANY: Black Diamond
 CONTRACTOR: WW DMLG LLC
 DATE: 8-3-07
 LEASE: Esslinger
 WELL NO. 1
 RIG NO. 4
 COUNTY: Norton
 STATE: KS
 D. P. STRING NO. _____
 SIZE _____

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM Will Maclean	8
						EM Scott Spena	8
						H Tyrel Strutt	8
SLOPE TEST @ _____ FT.		ACCIDENT: - (GIVE NAME)				H	
DEG. OFF		Gel 68 lime 2		DRLR Dan Shaen			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 Rig up backyard + mix Spnd mud

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
0	221	Sand Soil Rock	100+	All	350	DM J.D. Haflinger	8
						EM Scott Buchholz	8
						H Dave Owens	8
SLOPE TEST @ _____ FT.		ACCIDENT: - (GIVE NAME)				H	
DEG. OFF				DRLR Rodney Doherty			8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	1	WEIGHT		DRILLING	2 1/4	SIZE D. P.	
SIZE	12 1/4	VISC.		CORING		SIZE COLL.	
MAKE	HTC	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	0833	FILTER CAKE		REPAIRS UP	4 1/2	KELLY DOWN	FT.
DEPTH IN	-0-	PH.		TRIP	1/2	COLLARS	FT.
HOURS RUN	2 1/4	MTL. ADDED (REMARKS)			3 1/4	TOTAL	FT.

REMARKS: 7:00-11:30 Move IN Rotary Tools & Rig Up 11:30-12:15 DMLG Rat Hole
 12:15-2:30 DMLG Surface Hole - SPUD - 2:30-3:00 Jet Celler CTCH & Trip Out to Run 8 5/8" Surface Casing

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
221						DM TC Helberg	8
						EM JON Nicodemus	8
						H Leroy Mikkelsen	8
SLOPE TEST @ _____ FT.		ACCIDENT: - (GIVE NAME)				H	
DEG. OFF				DRLR Ricky Hilgers			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: 3:00-3:30 run 8 5/8 cement Plug down @ 3:30
 3:30-10:00 WOC

THIS FORM DEVELOPED AND DESIGNED BY THE AMERICAN ASSOCIATION OF OILWELL DRILLING CONTRACTORS.

APPROVED *Kirby Glatt*

RECEIVED KANSAS CORPORATION COMMISSION

SEP 14 2007

CONSERVATION DIVISION WICHITA, KS

DAILY DRILLING REPORT

43
 COMPANY: Black Diamond
 DISTRICT: [blank]
 COUNTY: Norton
 STATE: KS
 CONTRACTOR: W.W. DRILCO LLC
 LEADER: Esslinger
 DATE: 8-4-07
 WELL NO.: 1
 RIG NO.: 4
 D. P. STRING NO.: [blank]
 SIZE: [blank]

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
221	815	Sand - Shale	85/90			DM Will Maclean / EM Scott Spina / * Tyrel Stratt /	8 8 8
SLOPE TEST @ FT. DEG. OFF		ACCIDENT:-- (GIVE NAME) 15 1/5 HULLS				H [blank] H [blank] DLR: Dan Shaen /	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	222	WEIGHT		DRILLING	7 1/4	SIZE D. P.	
SIZE	7 1/8	VISC.		CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	PG6742	FILTER CAKE		REPAIRS	1.00 1/4	KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP		COLLARS	FT.
HOURS RUN	7 1/4	MTL. ADDED (REMARKS)		W.O.C.	1/2	TOTAL	FT.

REMARKS: 11:00-11:30 W.O.C. 11:30-1:30 D Rlg 1:30-1:45 1/2 break-out tongline 1:45-7:00 D Rlg

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
815	1640	Sand - Shale	90+	25000	550	DM Scott Buchholz / EM Dave Haslinger / H Dave Owens /	8 8 8
SLOPE TEST @ FT. DEG. OFF		ACCIDENT:-- (GIVE NAME) 1/2 Hr - 10. TIME				H [blank] H [blank] DLR: Rodney Doherty /	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	#2	WEIGHT	9.0/8.9	DRILLING	17 1/4	SIZE D. P.	
SIZE	7 1/8	VISC.	25/30	CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER	1/2	JTS. D. P.	FT.
SERIAL NO.	PG6742	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP		COLLARS	FT.
HOURS RUN	14 1/2	MTL. ADDED (REMARKS)		JTS. Vlg	1/4	TOTAL	FT.

REMARKS: 7:00-11:15 D Rlg. 11:15-11:30 Jct #1 & Service Rg 11:30-12:00 Loss C. @ 13K mit mud 12:00-3:00 D Rlg.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1640	2235	Sand - Shale	90	35000	675	DM TG Halberg / EM Jon Nicodemus / H Leroy Mikkelsen /	8 8 8
SLOPE TEST @ FT. DEG. OFF		ACCIDENT:-- (GIVE NAME) GEL - 38 S. ASH - 4 - LIG - 2 CAUS - 2 PAC - 1/2 4 IN FRAC / 19 GEL IN PREMIX				H [blank] H [blank] DLR: Ricky Hilgers /	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	#2	WEIGHT	8.2	DRILLING	7 1/4	SIZE D. P.	
SIZE	7 1/8	VISC.	24	CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	PG6742	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP		COLLARS	FT.
HOURS RUN	22 1/4	MTL. ADDED (REMARKS)		Jct Vlg	1/4	TOTAL	FT.

REMARKS: 3:00-11:00 D Rlg 1/2 hr Jct Vlg 11:00 W.

THIS FORM DEVELOPED AND DESIGNED BY THE AMERICAN ASSOCIATION OF OILWELL DRILLING CONTRACTORS.

APPROVED: *Ricky Hilgers*

RECEIVED TOOL PUSHER KANSAS CORPORATION COMMISSION

SEP 14 2007

CONSERVATION DIVISION WICHITA, KS

DAILY DRILLING REPORT

43

CONTRACTOR: W.W. DRIG Co. LLC

DATE: 8-5-07

COMPANY: BlackDiamond

LEASE: Esslinger

WELL NO.: #1

RIG NO.: 4

DISTRICT:

COUNTY: Norton

STATE: KS

D. P. STRING NO.:

SIZE:

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2235	2530	Sand-Shale	90	35000	750	Will Maclean	8
						Scott Spena	8
						Tyrel Stratt	8
SLOPE TEST @ FT.		ACCIDENT:- (GIVE NAME)					
DEG. OFF		66/19 SASH 2 Coast 1 lig		DRLR Dan Sheen		8	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	7 1/4	SIZE D. P.	
SIZE	7 7/8	WISC.		CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER	W/O P REPAIRS pump 1/4	JTB. D. P.	FT.
SERIAL NO.	PG 6742	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP	Set 1/4	COLLARS	FT.
HOURS RUN	29 1/2	MTL. ADDED (REMARKS)		TOTAL		TOTAL	FT.

REMARKS: 11:00 - 7:00 DRIG LESS 1/4 hr set, 1/4 hr Rig + 1/4 hr w/pump

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2530	2885	Sand-Shale	90	35000	750	Scott Buchholz	8
						Dave Haflinger	8
						Dave Owens	8
SLOPE TEST @ FT.		ACCIDENT:- (GIVE NAME)					
DEG. OFF		1		DRLR Rodney Doherty		8	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	#2	WEIGHT	9.5 / 9.40	DRILLING	7 1/2	SIZE D. P.	
SIZE	7 7/8	VISC.	28 / 28	CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTB. D. P.	FT.
SERIAL NO.	PG 6742	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP	Set Rig 1/2	COLLARS	FT.
HOURS RUN	37	MTL. ADDED (REMARKS)		TOTAL		TOTAL	FT.

REMARKS: Dico-Diis Jet #2 & Service Rig Diis-1:00 Dc lgo 1:00-1:15 Jet #1 1:15-3:00 Dc lgo

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2885	3100	Sand-Shale	90	38000	750	TC Halberg	8
						Jon Nicodemus	8
						Leroy Mikkelson	8
SLOPE TEST @ FT.		ACCIDENT:- (GIVE NAME)					
DEG. OFF		66-38 Soda-8 caust		DRLR Rocky Hilaris		8	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	#2	WEIGHT		DRILLING	6 3/4	SIZE D. P.	
SIZE	7 7/8	VISC.		CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER	brung bar of 2	JTB. D. P.	FT.
SERIAL NO.	PG 6742	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP	Set clean section 1/4	COLLARS	FT.
HOURS RUN	43 1/2	MTL. ADDED (REMARKS)		TOTAL		TOTAL	FT.

REMARKS: 3:00-11:00 Dc lgo less 1/4 hr jet clean suction displace mud displacement complete @ 3056

DAILY DRILLING REPORT

43

CONTRACTOR W.W. DRIG Co LLC	DATE 8-6-09
COMPANY Black Diamond	LEAS Esslinger
DISTRICT	RIG NO. #1 / 4
COUNTY Norton	STATE KS
	D. P. STRING NO. SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
3100	3340		90	38,000	775	DM	Will Maclean	8
						EM	Scott Spena	8

SLOPE TEST @ FT. DEG. OFF Gel 12

ACCIDENT: - (GIVE NAME)

DRLR Dan Sheen 8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	7 1/4	SIZE D. P.	
SIZE	7 1/8	VISC.		CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	PG 6742	FILTER CAKE		REPAIRS	6-11 Premix 1/4	KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP	W.O. 3 amp 1/2	COLLARS	FT.
HOURS RUN	51	MTL. ADDED (REMARKS)		TOTAL			FT.

REMARKS: 11:00-11:30 Fix gland rubbers on drillers side 11:30-5:15 DRIG 5:15-5:30 Fill premix 1/2 w/pix mud 5:30-7:00 DRIG

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
3340	3520	Shale & Lins	90	38,000	800	DM	Scott Busholtz	8
						EM	Dave Haslinger	8
						H	Dave Owens	8

SLOPE TEST @ FT. DEG. OFF 4 Soda Ash 2 Caustic 2 lignite 1/2 Dispac 4 C/S Halls

ACCIDENT: - (GIVE NAME)

DRLR Rodney Doherty 8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	#2	WEIGHT	9.0 / 9.0	DRILLING	7 1/2	SIZE D. P.	
SIZE	7 1/8	VISC.	52 / 58	CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	PG 6742	FILTER CAKE		REPAIRS	LINE CAP GASKET 1/4	KELLY DOWN	FT.
DEPTH IN	221	PH. LCM	1/2 1/2	TRIP		COLLARS	FT.
HOURS RUN	58 1/2	MTL. ADDED (REMARKS)		TOTAL	Rig / Stud Head 1/4		FT.

REMARKS: 7:00-8:15 DRIG 8:15-8:30 Service Rig & Turn Drillers Side Rod 8:30-1:15 DRIG 1:15-1:30 Replace Drillers Side Liner Cap Gasket 1:30-3:00 DRIG

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
3520	3660	Shale - lime	85	38,000	800	DM	JL Helbers	8
						EM	Jon Nicodemus	2
						H	Leroy M. Kelson	8

SLOPE TEST @ FT. DEG. OFF

ACCIDENT: - (GIVE NAME) 11-Halls

DRLR Rocky Helbers 8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	#2	WEIGHT		DRILLING	7 1/4	SIZE D. P.	
SIZE	7 1/8	VISC.		CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	PG 6742	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP		COLLARS	FT.
HOURS RUN	60 1/2	MTL. ADDED (REMARKS)		TOTAL	Rig 1/4		FT.

REMARKS: 3:00-11:00 DRIG 1055 to be Rig Turn head

THIS FORM DEVELOPED AND DESIGNED BY THE AMERICAN ASSOCIATION OF OILWELL DRILLING CONTRACTORS. APPROVED *Kelley Stull* RECEIVED KANSAS CORPORATION COMMISSION

SEP 14 2007 CONSERVATION DIVISION WICHITA, KS

DAILY DRILLING REPORT

43
 CONTRACTOR: W.W. DRILG CO. LLC
 DATE: 8-7-09
 COMPANY: Black Diamond
 LEASE: CSSlinger
 WELL NO.: #1
 RIG NO.:
 DISTRICT:
 COUNTY: Norton
 STATE: KS
 D. P. STRING NO.:
 SIZE:

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3660	3695	Shale - lime				Will Maclean	8
						Scott Spena	8
						Ricky Hilgers	8
SLOPE TEST @ FT.		ACCIDENT: - (GIVE NAME)	8-Gel 9 Halls				
DEG. OFF		(4 1/2 Co + time)				DRLR Dan Sheen	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.3	DRILLING	2	SIZE D. P.	
SIZE	7 7/8	VISC.	59	CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	PG 6742	FILTER CAKE		REPAIRS	1 1/2	KELLY DOWN	FT.
DEPTH IN	221	PH. LCM	3#	TRIP	1 3/4	COLLARS	FT.
HOURS RUN	6 8 1/4	MTL. ADDED (REMARKS)			2 3/4	TOTAL	FT.

REMARKS: 11:00-12:45 DRILG 12:45-2:00 C.F.S. @ 3692 2:00-2:15 C.F.S. @ 3695 2:15-3:15 C.F.S. @ 3695 3:15-6:30 short trip 31 stds. w loss 1 1/2 hrs Repair Air Comp. 6:30-7:00 CTCH

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3695	3695	Shale - lime	395	38	300	J.D. Heffiger	8
						Scott + Buckholz	8
						Dave Owen	8
SLOPE TEST @ FT.		ACCIDENT: - (GIVE NAME)					
DEG. OFF		8 hrs Co. Time				DRLR Rodney Roberts	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	# 2	WEIGHT	9.3	DRILLING		SIZE D. P.	
SIZE	7 7/8	VISC.	59	CORING	1/2	SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER	1/2	JTS. D. P.	FT.
SERIAL NO.	PG 6742	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH. LCM	3#	TRIP	3	COLLARS	FT.
HOURS RUN	6 8 1/4	MTL. ADDED (REMARKS)			4	TOTAL	FT.

REMARKS: 7:00-7:30 CTCH 7:30-9:00 Trip out for DST #1, Drop Solv, & Stop P. 9:00-9:30 mutt. 9:30-10:45 Trip In DST #1 10:45-2:45 Testing - Replaced C-15 Air Comp. & ✓ Drillers Side Head - 2:45-3:00 Trip out DST #1

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3695	RAD.					TC Helberg	8
5695	LTD					JON Nicodemus	8
						LeRoy Mikkelsen	8
SLOPE TEST @ FT.		ACCIDENT: - (GIVE NAME)					
DEG. OFF		8 hrs Co Time				DRLR Ricky Hilgers	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	Smith	WTR. LOSS-C.C.		OTHER	BDT 2	JTS. D. P.	FT.
SERIAL NO.	PG 6742	FILTER CAKE		REPAIRS	leg 6 1/2	KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP	2 1/2	COLLARS	FT.
HOURS RUN	6 8 1/4	MTL. ADDED (REMARKS)			4	TOTAL	FT.

REMARKS: 3:00-3:45 Trip out w/Oct #1 3:45-4:00 BDT 4:00-4:15 Rig up loggers 4:15-10:45 Logging 10:45-11:00 Rig down loggers

THIS FORM DEVELOPED AND DESIGNED BY THE AMERICAN ASSOCIATION OF OILWELL DRILLING CONTRACTORS. APPROVED: *Ricky Hilgers* TOOL PUSHER

RECEIVED KANSAS CORPORATION COMMISSION

SEP 14 2007

CONSERVATION DIVISION WICHITA, KS

DAILY DRILLING REPORT

43

CONTRACTOR W. W. DRIG CO. LLC.	DATE 8.8.07
COMPANY Black Diamond	LEASE Esslinger
DISTRICT	COUNTY Norton
STATE KS.	WELL NO. #1
	RIG NO. 4
	D. P. / STRING NO.
	SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3695	3695					DM Will Maclean	8
						EM Scott Spena	8
						H Tyler Lynd	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)				H	
@	FT.					H	
DEG. OFF						DRLR Dan Sheen	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	3 1/2	SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER	3	JTS. D. P.	FT.
SERIAL NO.	PG 6742	FILTER CAKE		REPAIRS	1	KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP	2 1/2	COLLARS	FT.
HOURS RUN	6 1/4	MTL. ADDED (REMARKS)			1/2	TOTAL	FT.

REMARKS: 11:00-11:30 Wait on loggers & tester 11:30-12:15 P.O.D.H w/dst #2 12:15-1:15 Trip in w/dst 1:15-4:15 Testing 4:15-5:45 P.O.D.H w/dst #2 5:45-6:30 B.D. + L.D. + t. 6:30-7:00 Trip in w/dst #1 Bit

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3695	3705	Shale & Lime	85	38	800	DM J.D. Hafliger	8
						EM Scott Bushholz	8
						H Dave Owens	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)				H	
@	FT.					H	
DEG. OFF						DRLR Rodney Doherty	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	#2	WEIGHT	93	DRILLING	1/2	SIZE D. P.	
SIZE	1 7/8	VISC.	52	CORING	2 1/2	SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		OTHER + t.	1/4	JTS. D. P.	FT.
SERIAL NO.	PG 6742	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.	1 1/2	TRIP	4	COLLARS	FT.
HOURS RUN	6 3/4	MTL. ADDED (REMARKS)		Testing	3/4	TOTAL	FT.

REMARKS: 7:00-8:30 Trip IN w/Bit (Adjusted Breaks Up, Service Rig, & Break Circ.) 8:30-8:45 Dlg. 8:45-10:15 CFS @ 3699' 10:15-10:30 Dlg 10:30-11:30 CFS @ 3705' 11:30-12:45 Trip Out For DST #3 12:45-1:00 matt 1:00-2:15 Trip IN DST #3 2:15-3:00 Testing

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3705	3721	Shale - lime	85	35	800	DM T.C. Helbers	8
						EM Jon Nicodanis	8
						H Gray McKelton	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)				H	
@	FT.					H	
DEG. OFF						DRLR Ricky Hillers	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	#2	WEIGHT	93	DRILLING	1	SIZE D. P.	
SIZE	7/8	VISC.	57	CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.	*	OTHER CFS	4 1/2	JTS. D. P.	FT.
SERIAL NO.	PG 6742	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP	2 1/4	COLLARS	FT.
HOURS RUN	6 3/4	MTL. ADDED (REMARKS)		++	1/2	TOTAL	FT.

REMARKS: 3:00-3:45 Trip Out w/dst #3 3:45-4:15 DST #3 4:15-5:30 Trip in w/Bit #3 5:30-5:45 Dlg 5:45-6:45 CFS 6:45-7:00 Dlg 7:00-8:00 CFS 8:00-8:15 Dlg 8:15-9:15 CFS 9:15-9:30 Dlg 9:30-10:45

THIS FORM DEVELOPED AND DESIGNED BY THE AMERICAN ASSOCIATION OF OILWELL DRILLING CONTRACTORS.

APPROVED *Kilby Smith* 3717

RECEIVED 3701 TOOL PUSHER KANSAS CORPORATION COMMISSION

SEP 14 2007

CONSERVATION DIVISION WICHITA, KS

DAILY DRILLING REPORT

43
 CONTRACTOR: W.W. DRILLING CO. LLC
 DATE: 8-9-07
 COMPANY: Black Diamond
 LEASE: Esslinger
 WELL NO.: #1
 RIG NO.: 4
 DISTRICT: _____ COUNTY: Norton STATE: KS
 D. P. STRING NO.: _____ SIZE: _____

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3721						Will Madean	8
						Scott Spena	8
						Tyler Lynd	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF		18 hrs. (conting)		DRLR Dan Sheen			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	Smith	WTR. LOSS-C.C.		OTHER	1/2	JTS. D. P.	FT.
SERIAL NO.	PG6742	FILTER CAKE		REPAIRS	1/2	KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP	5 3/4	COLLARS	FT.
HOURS RUN	6 7/8	MTL. ADDED (REMARKS)		W.O.O.	1/4	TOTAL	FT.

REMARKS: 11:00-12:59 P.M. O.H. 12:15-12:30 P.M. + M. W.T.T. 12:30-1:45 + R.P. in W/DST #4 1:45-3:15 test. rig 3:15-4:45 Trip out of hole 4:45-5:00 BD + HD T.T. 5:00-5:15 W.O.O. 5:15-6:45 R.P. in 1/4 collars + lay down to 4:45-7:00 go.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3721	3721					J.D. Hafliger	8
						Scott Buchholz	8
						Dave Owens	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.	PLUG DOWN @ 12:45 PM					
DEG. OFF		RIG RELEASED @ 2:45 PM					
		(73) hrs - CO. TIME		DRLR Rodney Doherty			8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	12	WEIGHT		DRILLING	2	SIZE D. P.	
SIZE	17 1/8	VISC.		CORING		SIZE COLL.	
MAKE	Smith	WTR. LOSS-C.C.		REPAIRS	2 1/4	JTS. D. P.	FT.
SERIAL NO.	PG6742	FILTER CAKE		TRIP	1	KELLY DOWN	FT.
DEPTH IN	221	PH.		W.O.O.	2 3/4	COLLARS	FT.
HOURS RUN	6 3/4	MTL. ADDED (REMARKS)		TOTAL		TOTAL	FT.

REMARKS: 11:00-5:00 Trip In Plug Rig 8:00-10:00 wait for Cement Trucks 10:00-12:45 Lay Down Drill Pipe & Run Cement Plugs 12:45-3:00 Tear Down - Lay Derrick over S.R. & Work

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						TC. Hillman	8
						Jon Newlandus	8
						Levy Mikkelson	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF				DRLR Kelly Hillman			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		TOTAL	FT.

REMARKS: 10:30-6:30 Hell lay down pipe & tear down work on Rig

APPROVED: *Kelly Hillman*
 TOOL PUSHER

RECEIVED
 KANSAS CORPORATION COMMISSION
 SEP 14 2007
 CONSERVATION DIVISION
 WICHITA, KS

THIS FORM DEVELOPED AND DESIGNED BY THE AMERICAN ASSOCIATION OF OILWELL DRILLING CONTRACTORS.



PIPE TALLY

Date 8-2-07

Company Black Diamond

Lease Essington #1

Size <u>8 7/8</u>		New <input checked="" type="checkbox"/>	Used	Limited Service <input checked="" type="checkbox"/>	Weight <u>20#</u>	Grade	Type	Range <u>R3</u>											
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	4	90																	
2		90																	
3		90																	
4		60																	
5		70																	
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
Total	<u>214</u>																		

Subtotal this page _____

Total Number of Joints 575

RECEIVED
KANSAS CORPORATION COMMISSION

214.00 GRAND TOTAL

Tallied By [Signature]
Received In Good Order By _____

SEP 14 2007

CONSERVATION DIVISION
WICHITA, KS

Casing Head & Accessories

Other

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

RECEIVED

ALLIED CEMENTING CO., INC. 24078

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

SERVICE POINT
OAKLEY

DATE <u>8-3-07</u>	SEC <u>26</u>	TWP <u>45</u>	RANGE <u>22W</u>	CALLED OUT	ON LOCATION <u>3:00 PM</u>	JOB START <u>3:00 PM</u>	JOB FINISH <u>3:30 PM</u>
LEASE <u>ESSINGER</u>	WELL # <u>1</u>	LOCATION <u>Edmond 2 1/2 E 2 1/2 N 7 1/2 E</u>			COUNTY <u>NOXTON</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>S INTO</u>				

CONTRACTOR W+W DRILL #4

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D. 221'

CASING SIZE 8 5/8" DEPTH 219'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 13 BBls

OWNER SAME

CEMENT AMOUNT ORDERED 150 SKS Com 390 cc 290 601

COMMON	<u>150 SKS</u>	@	<u>12.60</u>	<u>1890.00</u>
POZMIX		@		
GEL	<u>3 SKS</u>	@	<u>16.65</u>	<u>49.95</u>
CHLORIDE	<u>5 SKS</u>	@	<u>46.60</u>	<u>233.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>150 SKS</u>	@	<u>1.90</u>	<u>300.00</u>
MILEAGE	<u>94 PER SK / MILE</u>			<u>1208.20</u>
				<u>TOTAL 3681.85</u>

EQUIPMENT

PUMP TRUCK CEMENTER TERRY

422 HELPER WAYNE

BULK TRUCK

394 DRIVER LARENS

BULK TRUCK

DRIVER

REMARKS:

CEMENT DID CIRC

SERVICE

DEPTH OF JOB 219'

PUMP TRUCK CHARGE 815.00

EXTRA FOOTAGE @

MILEAGE 85 MI @ 6.00 510.00

MANIFOLD @

TOTAL 1325.00

PLUG & FLOAT EQUIPMENT

CHARGE TO: BLACK DIAMOND OIL CO.

STREET

CITY STATE ZIP

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 Kelley Strutt

PRINTED NAME
RECEIVED
KANSAS CORPORATION COMMISSION

SEP 14 2007
SEP 14 2007
CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

33337

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

SERVICE POINT:

Russell

DATE <i>8-9-07</i>	SEC. <i>26</i>	TWP. <i>45</i>	RANGE <i>22W</i>	CALLED OUT	ON LOCATION	JOB START <i>10:00 AM</i>	JOB FINISH <i>12:45 PM</i>
LEASE <i>Russell</i>	WELL # <i>1</i>	LOCATION <i>Hill City N Hwy 19 4 1/2 E</i>			COUNTY <i>Atchison</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one) <input checked="" type="radio"/> OLD				<i>2 1/2" N 2 1/2" R/W 3/4" F Sinto</i>			

CONTRACTOR *W/W #4*

TYPE OF JOB *Rotary Plug*

HOLE SIZE _____ T.D. *3721*

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 60/40 60/60 1/4" F/L*

EQUIPMENT

PUMP TRUCK CEMENTER *Clara*

429 HELPER *Chris B / Clara*

BULK TRUCK DRIVER *Chuck*

366 DRIVER _____

BULK TRUCK DRIVER _____

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

REMARKS:

<i>1st Plug</i>	<i>255' @ 3688</i>
<i>2nd</i>	<i>255' @ 1950</i>
<i>3rd</i>	<i>1005' @ 1175</i>
<i>4th</i>	<i>405' @ 275</i>
<i>5th</i>	<i>105' @ 40'</i>
<i>Posthole</i>	<i>15 SK</i>

THANKS!

CHARGE TO: *Black Diamond*

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

PLUG & FLOAT EQUIPMENT

1 8 1/2" Window Plug

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

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 *Kathy Stett*

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME RECEIVED
KANSAS CORPORATION COMMISSION

SEP 14 2007

CONSERVATION DIVISION
WICHITA, KS