

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

Handwritten:
KCC
4/20/09

Operator: License # 7076
Name: Black Diamond Oil, Inc.
Address: P.O. Box 641
City/State/Zip: Hays, KS 67601
Purchaser: Coffeyfile Resources
Operator Contact Person: Kenneth Vehige
Phone: (785) 625-5891
Contractor: Name: Discovery Drilling Co., Inc.
License: 31548

Wellsite Geologist: Tony Richardson
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW 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>11/29/08</u>	<u>12/1/08</u>	<u>2/16/09</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 163-23,781-0000
County: Rooks
SW NE SE Sec. 27 Twp. 8 S. R. 19 East West
1880 feet from (S) N (circle one) Line of Section
960 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Lowry Well #: 1
Field Name: Webster
Producing Formation: Arbuckle
Elevation: Ground: 1945 Kelly Bushing: 1953
Total Depth: 3388 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 221.18 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 3386
feet depth to Surface w/ 405 sx cmt.
Handwritten: Alt 2 - Dig - 5/6/09

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 16,000 ppm Fluid volume 240 bbls
Dewatering method used Hauled free fluid
Location of fluid disposal if hauled offsite:
Operator Name: Black Diamond Oil
Lease Name: Vehige #1 SWD License No.: 7076
Quarter SW Sec. 33 Twp. 6 S. R. 20 East West
County: Rooks Docket No.: D-23,315

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: President Date: 4-9-09
Subscribed and sworn to before me this 9th day of April,
2009.
Notary Public: Melissa L. Windholz
Date Commission Expires: 5/21/2011

MELISSA L. WINDHOLZ
NOTARY PUBLIC
STATE OF KANSAS
My Comm. Exp. 5/21/2011

KCC Office Use ONLY

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

KANSAS CORPORATION COMMISSION
APR 13 2009
RECEIVED

Operator Name: Black Diamond Oil, Inc. Lease Name: Lowry Well #: 1
 Sec. 27 Twp. 8 S. R. 19 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 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:

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	1368	+587
Topeka	2892	-937
Heebner	3099	-1144
Lansing KC	3139	-1184
Arbuckle	3384	-1429

Temp Log, Dual Induction, Compensated Density, 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	23	221.18	Common	150	2%Gel&3%CC
Production St.	7 7/8	5 1/2	14	3386	SMDC	405	

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
	None	250 15% MCA, 3000 15% NEFE	3386-88

KANSAS CORPORATION COMMISSION
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TUBING RECORD		Size	Set At	Packer At	Liner Run		
		2 7/8	3380			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumerd Production, SWD or Enhr. 2/16/2009			Producing Method				
			<input checked="" 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		
	25	0	2		26		

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

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

CONTRACTOR

Discovery Drilling Co. INC

DATE

Tues.
 12-2-08

COMPANY

Black diamond oil

LEASE

Lowry

WELL NO.

RIG NO.

DISTRICT

COUNTY

Books

STATE

KS

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3388	RTA	Arb RTD/LTD				Kenny Jones	8
		(8 hrs Daywork)				Stan Lovelady	8
						Chuck Dick	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.	D5701 3337-3388 51' ANCHOR					
DEG. OFF		P5-30-15-30 REC 550/60				Tevvy Jones	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	63/4	JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)			1 1/4	TOTAL	FT.

REMARKS: 1100-1130 MAKE UP TOOL 1130-1200 IN W/ TOOL 1230-215 TORB 215-230 OUT W/ TOOL
 3388 245 BREAK LAY DOWN TOOL 345-415 CLEAN FLOOR 415-545 IN W/ BIT
 545-700 C/O H TO LAY DOWN PIPE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3388	RTA	Abuelle			900	Larry Milink	10
		(7 3/4 hrs Daywork)				Randy Bassall	10
						Dusty Rozean	10
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF						Sy/Rame	10

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)			SET SLIPS	TOTAL	FT.

REMARKS: 7:00 TO 7:15 CAT 7:15 TO 7:45 Lay down pipe & UP head 7:45 10:15 TO 11:15 CAT
 TO 5:00 11:15 TO 12:30 Run 545 12:30 TO 1:00 1:00 TO 1:30 CEMENT 2'5-2'5 SET
 SLIPS, 2'5-3'0 TEAR DOWN STAY OVER & TEAR DOWN.

FROM	TO	FORMATION	ROTARY 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:

KANSAS CORPORATION COMMISSION

APR 13 2009
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DAILY DRILLING REPORT

BOX 400, TULSA OK 74101
K&DC# 43-5 1-800-331-7290

CONTRACTOR

Discovery Drilling Co. Inc.

DATE

MON. 12-1-98

COMPANY

Black Diamond Oil Co.

LEASE

LOWRY

WELL NO.

1

RIG NO.

1

DISTRICT

COUNTY

ROOKS

STATE

KS

D. P. STRING NO.

1

SIZE

1

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3038	3227	Shale	80	40000	800	Kenny James	8
						Stan Lovelady	8
						Chuck Dick	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEC. OFF		1/2 Water 1/2 Pit mud in Pumps				Terry Jones	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	80	DRILLING	1 1/2	SIZE D. P.	
SIZE	7/8	VISC.	55+	CORING CON	1/2	SIZE COLL.	
MAKE	G2006	WTR. LOSS-C.C.		REPAIRS	1/4	JTS. D. P.	FT.
SERIAL NO.	5154562	FILTER CAKE		TRIP		KELLY DOWN	FT.
DEPTH IN	221	PH.				COLLARS	FT.
HOURS RUN	39 1/4	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 1100-1115 EA 3049 VRIG/PUPM 1115-700 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3227	3388	Shale + lime	80	40000	800	Larry Mlinak	8
		(1/2 HR Log)				Randy Bassell	8
						Dustin Rozell	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEC. OFF						Sy/Tromo	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	80	DRILLING	6 1/2	SIZE D. P.	GEL-17
SIZE	7/8	VISC.	46/85	CORING CON	1/2	SIZE COLL.	CAUSE 2
MAKE	G2006	WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	LIC-1 FT.
SERIAL NO.	5154562	FILTER CAKE		REPAIRS		KELLY DOWN	EAST-3 FT.
DEPTH IN	221	PH.		TRIP	1 1/2	COLLARS	1/2 RIS-1/2 SK
HOURS RUN	45	MTL. ADDED (REMARKS)			1/4	TOTAL	HULLS +8

REMARKS: 7:00 to 7:15 Drill, 7:15 to 7:30 Set Rig, @ 3227 7:30 to 9:00 O.I.I., 9:00 to 9:15 Drill
@ 3248 9:15 to 1:30 O.I.I., 1:30 to 2:15 Y.F.S @ 3388 2:15 to 3:00 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3388	RTD	Arb				Justin Bunting	8
3388	LTD	(8 hrs Log)				Cory Adamson	8
						Chad Mayfield	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEC. OFF						Jason Shaver	8

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

REMARKS: 3:00-4:00 C.F.S.C. 4:00-5:00 Log 5:00-6:00 Log 6:00-7:30 TOY Log 7:30-11:00 Logging

DAILY DRILLING REPORT
 KANADILL 43-5 BOX 800, TULSA OK 74101
 1-800-331-7290

CONTRACTOR
 Discovery Drilling Co Inc.

DATE
 SWW
 11-30-08

COMPANY
 Black diamond oil co. LEASE
 LOWRY
 DISTRICT COUNTY STATE
 ROOKS KS

WELL NO. 1 RIG NO. 1
 D. P. STRING NO. SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	DM	EM	H	NAME	HRS.
2025	2397	Shale	80	35000	750				Kenny Jones	8
									Stan Lovelady	8
									Chuck Dick	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)								
@	FT.									
DEG. OFF		Evac Full						Terry Jones		8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	6 1/4	SIZE D. P.	6el 25
SIZE	7/8	VISC.		CORING	CON	SIZE COLL.	CAU 1
MAKE	Gx20C	WTR. LOSS-C.C.		OTHER	VRIG 1/4	JTS. D. P.	1 FT.
SERIAL NO.	5154562	FILTER CAKE		REPAIRS		KELLY DOWN	SODA 2 FT.
DEPTH IN	221	PH.		TRIP		COLLARS	CD 1/2 FT.
HOURS RUN	19 1/2	MTL. ADDED (REMARKS)		Jet	1/2	TOTAL	Hulls 2 FT.

REMARKS: 1100 - 115 VRIG @ 2041 115 - 15 Drill 15 - 130 @ 2134 Jet #2 130 - 530 Drill
 530 - 545 @ 2324 Jet #1 545 - 700 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	DM	EM	H	NAME	HRS.
2397	2700	Shale	80	40000	750				Larry Mlinek	8
									Bonds Bassall	8
									Dusty Proctor	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)								
@	FT.									
DEG. OFF		#2 Full						500 Sec 1 Trance		8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	6 1/4	SIZE D. P.	GEL-50
SIZE	7/8	VISC.		CORING	CON	SIZE COLL.	CAU - 2
MAKE	Gx20C	WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	LIG - 20
SERIAL NO.	5154562	FILTER CAKE		REPAIRS		KELLY DOWN	SASH - 4
DEPTH IN	221	PH.		TRIP		COLLARS	PRIS - 1/2 ft
HOURS RUN	25 1/2	MTL. ADDED (REMARKS)		Jet	1/2	TOTAL	Hulls - 4

REMARKS: 700 to 715 Drill. 715 to 730 Ser Rig @ 2419. 730 to 711:00 Drill. 11:00 to 11:15 Jet #1 @
 2577, 11:15 to 11:15 Drill. 11:15 to 1:30 Jet #2 @ 2671. 1:30 to 3:00 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	DM	EM	H	NAME	HRS.
2740	3038	Shale	80	40000	850				Justin Bunting	8
									Cory Adamson	8
									Chad Mayfield	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)								
@	FT.									
DEG. OFF		CHOR 3000						500 Jason Showalter		8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	8.5 8.8	DRILLING	6 1/4	SIZE D. P.	15-Gel
SIZE	7/8	VISC.	4.8 5.2	CORING	CON	SIZE COLL.	2-SA
MAKE	Gx20C	WTR. LOSS-C.C.	9.2	OTHER	1/4	JTS. D. P.	1-C
SERIAL NO.	5154562	FILTER CAKE	1/2	REPAIRS	Belt	KELLY DOWN	1-L
DEPTH IN	221	PH.	11.0	TRIP		COLLARS	8-Hulls
HOURS RUN	32	MTL. ADDED (REMARKS)		Jet	1/2	TOTAL	

REMARKS: 3:00-3:15 Dig 3:15-3:50 Rig @ 2766 3:30 - 4:15 Dig 4:15-4:30 Clean Suction/Screen
 4:30-4:45 Replace Red air Belt 4:45-5:15 Dry Displacing 5:15-5:30 Displaced @ 2824 1-1/2" sample
 5:30-11:00 Dry

APR 13 2009
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DAILY DRILLING REPORT

43-5 BOX 100, TULSA OK 74101
1-800-331-7230

CONTRACTOR

Discovery Drilling Co Inc

DATE

11-29-08

COMPANY

Black Diamond Oil

LEASE

Lowry

WELL NO.

1

RIG NO.

1

DISTRICT

COUNTY

Rooks

STATE

OK

D. R. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
221	475	Sand/Shale	90	1500 2000	600	Kenny Jones	8
						Stan Lovelady	8
						Chuck Dick	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF		1 IN FVAC				Tevvy Jones	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	3 1/2	SIZE D. P.	Gel 25
SIZE	7/8	VISC.		CORING	CON 1 1/2	SIZE COLL.	CAV 1
MAKE	GX 200	WTR. LOSS-C.C.		OTHER	WOC 4 1/2	JTS. D. P.	1
SERIAL NO.	5154562	FILTER CAKE		REPAIRS		KELLY DOWN	Soda 2
DEPTH IN	221	PH.		TRIP		COLLARS	14 Snds
HOURS RUN	3	MTL. ADDED (REMARKS)				TOTAL	Hulls 2

REMARKS: 100-330 WOC @ 221 330-700 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1175	1350	Shale & Sand	90	3000	750	Larry Molinek	8
1350	1470	Sand	90		750	Randy Basgo	8
1470	1349	Sand & Shale	90		750	Dusty Brazzell	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF		2 in FVAC				Syl Rantz	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	1 1/2	SIZE D. P.	GEL-25
SIZE	7/8	VISC.		CORING	CON 2 1/2	SIZE COLL.	CAUST-1
MAKE	GX 200	WTR. LOSS-C.C.		OTHER	1/2	JTS. D. P.	CG-1
SERIAL NO.	5154562	FILTER CAKE		REPAIRS	1/2	KELLY DOWN	S.A.S.H-2
DEPTH IN	221	PH.		TRIP	1/2	COLLARS	DRIS VASK
HOURS RUN	7 1/2	MTL. ADDED (REMARKS)				TOTAL	Hulls 2

REMARKS: 7:00-7:15 Set R.S @ 504. 7:15-7:30 Jet @ 1050. 7:30-7:45 Dr. 11. 10:30-10:45 Jet @ 1133. 10:45-10:55 Dr. 3:00 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1490	2025	Shale	80	3500	750	Justin Bunting	8
						Cory Adamsen	8
						Chad 2 Aptfield	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF		4-N-Frac				Loren Shawalter	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	5 1/4	SIZE D. P.	50-Gel
SIZE	7/8	VISC.		CORING	CON 1 1/2	SIZE COLL.	2-C
MAKE	GX 200	WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	2-C
SERIAL NO.	5154562	FILTER CAKE		REPAIRS		KELLY DOWN	4 SA
DEPTH IN	221	PH.		TRIP		COLLARS	6-Hulls
HOURS RUN	13 1/4	MTL. ADDED (REMARKS)				TOTAL	12-Sk Pac

REMARKS: 3:00-3:15 Drly 3:15-3:30 Riv J 10 @ 1507 3:30-6:30 Drly 6:30-6:45 Jet #1 @ 1790 6:45-9:45 Drly 9:45-10:00 Jet #2 @ 1980 10:00-11:00 Drly

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APPROVED

KANSAS CORPORATION COMMISSION

TOOL
PUSHER

APR 13 2009

RECEIVED

DAILY DRILLING REPORT

NEBERT 43-5 (BOOK INFO, TULSA OK 74111)
1-800-331-7290

CONTRACTOR

Discovery Drly

DATE

Fri 11-28-08

COMPANY

Black Diamond

LEASE

LOWERY

WELL NO.

RIC NO.

D. P. STRING NO.

SIZE

DISTRICT

COUNTY

ROOKS

STATE

KS

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM Kenny Jones	8
						EM Stan Lovelady	8
						H Chuck Dick	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF						H (5) Terry Jones	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 set rig rig up pump yard water/sheds

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
0	30	Post Rock	90	All	600	DM Larry Minick	8
						(AS) Randy Bassall	8
						Jason Showalter	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF						(50) Syl Pomeroy	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	1	WEIGHT		DRILLING	1/2	SIZE D. P.	
SIZE	12 1/4	VISC.		CORING		SIZE COLL.	
MAKE	MA	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	1/2	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 7:00 TO 11:00 load out + move - Rig 11:00 TO 1:15 Rig up 1:15 TO 2:30 Drill Rod Hole 2:30-3:00 Spud 12 1/4.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
30	221	Sand-Shale Clay	120	All	600	(50) Justin Bunting	8
						EM Cory Anderson	8
						H Chad Mayfield	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	221 FT.						
DEG. OFF						(50) Jason Showalter	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	Car 3 1/4	SIZE COLL.	
MAKE	MAK-11X	WTR. LOSS-C.C.		OTHER	WOC 3 1/2	JTS. D. P.	FT.
SERIAL NO.	6005028	FILTER CAKE		REPAIRS	3 1/2	KELLY DOWN	FT.
DEPTH IN	0	PH.		TRIP	3 1/2	COLLARS	FT.
HOURS RUN	2 3/4	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 5:00-6:00 Drly 6:00-6:15 Circ/Collar 6:15-7:00 Deep SS/TOR Run 7:00-7:15 Circ 8 1/2 7:15-7:30 CEMENT 8 1/2 7:30-11:00 WOC.

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TOOL PUSHER APR 13 2009

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JOB LOG

SWIFT Services, Inc.

DATE 12-2-08 PAGE NO. 1

CUSTOMER Black Diamond Oil Co. WELL NO. #1 LEASE Lowry JOB TYPE Cement Logging TICKET NO. 15226

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1015							on log. W/EE
								RTD 3388'
								5 1/2" x 14" x 3388' x 19'
								Cent. 1, 3, 5, 7, 10, 52
								Baskets 2, 12, 53
								Its out 8-24
	1115							start FE
	1230							Break circ
	1255	2.5	6/3					Plug RHYMH 40sks SMD
	1305	4	0			150		start Profush 500 gal Mudflush
	1313	6	32/0			200		start Cement 20 1/2" KCL flush
	1344	5.5	19/0			200		start Cement 310 sks SMD 1002#
	1349		28					Raise wt 100sks SMD 14"
								End Cement
								Wash P & L
								Drop Plug
	1352	6	0			200		start Cement Displacement
	1356	5	25			250		catch Cement
	1357	3	34			300		Cement Lost circulation flowrate
	1407	3	64			700/1100		Land Plug got circ. back
	1411		82					Release pressure
								Float Held
								Cmt did not circ

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Thank you

Nick, Josh F. & Don Q

ALLIED CEMENTING CO. LLC.

35099

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

SERVICE POINT:

DATE <u>11-28-08</u>	SEC. <u>27</u>	TWP. <u>8</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00am</u>	JOB FINISH <u>7:30pm</u>
LEASE <u>Carry</u>	WELL# <u>1</u>	LOCATION <u>2 1/2 ch 6 N 1 E</u>		COUNTY <u>Rooks</u>	STATE <u>Ko</u>		
OLD OR NEW, (Circle one)		<u>1/2 N W 40</u>					

CONTRACTOR L. J. Carry Co. Inc. K-71 OWNER _____

TYPE OF JOB Water Well

HOLE SIZE 12 1/2 T.D. 221

CASING SIZE 8 7/8 DEPTH 221

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 11'

PERFS.

DISPLACEMENT 13 1/2

EQUIPMENT

PUMP TRUCK CEMENTER Steve

798 HELPER Gary

BULK TRUCK

245 DRIVER Robert

BULK TRUCK

DRIVER

REMARKS:

Cement Circulated

CHARGE TO: Black Diamond

STREET _____

CITY _____ STATE _____ ZIP _____

Thank!

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME [Signature]

SIGNATURE _____

CEMENT

AMOUNT ORDERED 150 Cu Yds

2 1/2 Gal

COMMON @ _____

POZMIX @ _____

GEL @ _____

CHLORIDE @ _____

ASC @ _____

@ _____

@ _____

@ _____

@ _____

@ _____

@ _____

@ _____

@ _____

HANDLING @ _____

MILEAGE @ _____

TOTAL _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE @ _____

MILEAGE @ _____

MANIFOLD @ _____

@ _____

@ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

@ _____

@ _____

8 1/2 Wood Plug @ _____

@ _____

@ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

KANSAS CORPORATION COMMISSION

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ALLIED CEMENTING CO., LLC. 034986

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

SERVICE POINT:
Russell KS

DATE <u>12-18-08</u>	SEC. <u>27</u>	TWP. <u>8S</u>	RANGE <u>19W</u>	CALLED OUT	ON LOCATION	JOB START <u>11:00</u>	JOB FINISH <u>11:45</u>
LEASE <u>Lowry</u>	WELL # <u>1</u>	LOCATION <u>Zurich KS 6 North to RR</u>			COUNTY <u>Rooks</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>1 East 1/2 North West into</u>				

CONTRACTOR Gaschler Pulling Service
 TYPE OF JOB 1" Pump Backside
 HOLE SIZE 5 1/2 - 8 5/8 T.D.
 CASING SIZE 5 1/2 DEPTH
 TUBING SIZE 1" DEPTH 570'
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT

OWNER
 CEMENT
 AMOUNT ORDERED 95 60/40 4% Gel 1/4 #10

EQUIPMENT
 PUMP TRUCK CEMENTER John Roberts
 # 409 HELPER Travis
 BULK TRUCK
 # 345 DRIVER Rocky
 BULK TRUCK
 # DRIVER

COMMON	<u>57</u>	@ <u>13.50</u>	<u>769.50</u>
POZMIX	<u>38</u>	@ <u>7.55</u>	<u>286.90</u>
GEL	<u>3</u>	@ <u>20.25</u>	<u>60.75</u>
CHLORIDE		@	
ASC		@	
	<u>Floset 24 lbs</u>	@ <u>20.25</u>	<u>486.00</u>
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>95</u>	@ <u>2.25</u>	<u>213.75</u>
MILEAGE	<u>5K/mi/10</u>		<u>332.50</u>
TOTAL			<u>2149.40</u>

REMARKS:

Ran in 1" tubing tag @ 602' pulled up to 570' Mixed 95 sk Cement to circulate cement

Thank You!

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>991.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>35</u>	@ <u>7.00</u>	<u>245.00</u>
MANIFOLD		@	
		@	
		@	

CHARGE TO: Black Diamond
 STREET _____
 CITY _____ STATE _____ ZIP _____

KANSAS CORPORATION COMMISSION

APR 13 2009

RECEIVED
PUMP & FLOAT EQUIPMENT

TOTAL 1236.00

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment

P. O. Box 763
Hays, Kansas 67601



Discovery Drilling

Office 785/623-2920
Cellular 785/635-1511
Rig 785/635-1201

Pipe and Tubing Tally Book

DATE 1/2/09 COMPANY ALMA COMPANY LEASE LOWERY Well No. 1
 SIZE 5 1/2" WEIGHT 14# MAKE _____ GRADE _____ RANGE _____
 TREAD 8PS COLLAR LENGTH _____ CONDITION _____ TRANSFER NOS. _____ OVERALL TALLY
 THREADS OFF TALLY

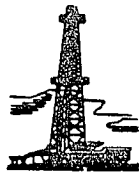
Joint No.	Feet	Hnd	Joint No.	Feet	Hnd	Joint No.	Feet	Hnd	Joint No.	Feet	Hnd	Joint No.	Feet	Hnd	Joint No.	Feet	Hnd	Joint No.	Feet	Hnd	Joint No.	Feet	Hnd																				
1	18	44	21	42	49	41	42	48	61	42	51	81	42	51	101			121			141																						
2	42	50	22			42	43	96	62	42	52	82	42	42	102			122			142																						
3	42	45	23			43	42	48	63	42	55	83	43	91	103			123			143																						
4	42	53	24	21	38	44	42	50	64	42	59	84	44	15	104			124			144																						
5	32	—	25	42	51	45	42	54	65	43	21	85			105			125			145																						
6	44	02	26	42	49	46	42	52	66	42	54	86			106			126			146																						
7	42	56	27	42	48	47	42	51	67	42	50	87			107			127			147																						
8	32	—	28	42	53	48	42	46	68	42	49	88			108			128			148																						
9	42	50	29	42	47	49	42	53	69	42	50	89			109			129			149																						
10	42	45	30	42	51	50	42	63	70	44	33	90			110			130			150																						
11	44	—	31	42	56	51	42	53	71	42	53	91			111			131			151																						
12	42	49	32	42	54	52	44	50	72	42	50	92			112			132			152																						
13	42	52	33	42	47	53	42	53	73	42	14	93			113			133			153																						
14	42	47	34	42	53	54	42	57	74	42	47	94			114			134			154																						
15	42	57	35	43	22	55	42	47	75	39	40	95			115			135			155																						
16	42	43	36	42	50	56	42	51	76	42	48	96			116			136			156																						
17	42	51	37	42	49	57	42	55	77	43	92	97			117			137			157																						
18	43	61	38	42	52	58	42	36	78	42	45	98			118			138			158																						
19	42	56	39	42	53	59	43	91	79	42	50	99			119			139			159																						
20	44	36	40	42	57	60	42	55	80	42	53	100			120			140			160																						
Totals																						3434	61																				

Drillers TD 3388 Loggers TD 3388
 No. Jts. Run _____ Size 5 1/2" Wt. 14# Tested NEW
 Cent @ 1 4 7 10 50
 Basket @ 2 10 50 D.V. Tool @ _____ Port Collar @ _____
 Cemented By _____ SKs. Type Cement 4525 5017
 Flush 500 GAL Mud FLUSH (30SKS RATHLE, 15SKS WILSONE HASC)
 Jts. To Be Left Out _____
 Shoe Jt. 13 61 Pipe Set @ 3384 Off Bottom 2
 Plug Down 2 15 A.M. (P.M.) 11/21/08 Rig Release @ 2 45 A.M. (P.M.) 12/21/08
 Job By Doc
 Pipe Left On Location 2 Jts. Talley 53.38 Threads On _____

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KANSAS CORPORATION COMMISSION

P O. Box 763
Hays, Kansas 67601



Discovery Drilling

Office 785/623-2920
Cellular 785/635-1511
Rig 785/635-1201

Pipe and Tubing Tally Book

DATE 11/28/08 COMPANY BLACK DIAMOND OIL & GAS LEASE LOWERY Well No. 1

SIZE <u>8 5/8</u>	WEIGHT <u>23#</u>	MAKE	GRADE	RANGE <u>R-3</u>
THREAD	COLLAR LENGTH	CONDITION <u>NEW</u>	TRANSFER NOS.	OVERALL TALLY THREADS OFF TALLY <input type="checkbox"/>

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	07	21			41			61			81			101			121			141		
2	42	29	22			42			62			82			102			122			142		
3	42	27	23			43			63			83			103			123			143		
4	42	29	24			44			64			84			104			124			144		
5	42	26	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		
<u>211</u>		<u>18</u>																					
Totals																							

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Drillers TD 221 Loggers TD _____
 No. Jts. Run 5 Size 8 5/8 Wt. 23# Tested NEW
 Cent@ _____
 Basket@ _____ D.V. Tool@ _____ Port Collar@ _____
 Cemented By ALLIED SKs. Type Cement 150 SKs Common 27.9% CC
 Flush (CEMENT & CAL)
 Jts. To Be Left Out NONE
 Shoe Jt. 4207 Pipe Set@ 221.18 Off Bottom 0.2
 Plug Down 7:30 A.M. (R.M.) 11/28/08 Rig Release@ _____ A.M. P.M. / /
 Job By CLIFF
 Pipe Left On Location NONE Jts. Talley _____ Threads On _____