



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., 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 Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1090078

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
---	---

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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ 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: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift 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 <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
---	--	--

ALLIED CEMENTING CO., LLC. 042513

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Great Bend

DATE <u>5-22-12</u>	SEC <u>33</u>	TWP <u>3</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Maddy</u>		WELL # <u>1</u>		LOCATION <u>hagen 5 west 6 No. 4</u>		COUNTY <u>No. 4</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)			1 west 1/2 No. 4 west 1/2 T0				

CONTRACTOR <u>Discovery Rig 1</u>		OWNER <u>Black Diamond</u>
TYPE OF JOB <u>Surface</u>		
HOLE SIZE <u>12 1/2</u>	T.D. <u>221</u>	CEMENT
CASING SIZE <u>8 3/4</u>	DEPTH <u>221</u>	AMOUNT ORDERED <u>160 SX Class A</u>
TUBING SIZE	DEPTH	<u>+3% cc + 2% Gel</u>
DRILL PIPE	DEPTH	
TOOL	DEPTH	
PRES. MAX	MINIMUM	COMMON <u>160</u> @ <u>16.25</u> <u>2600.00</u>
MEAS. LINE	SHOE JOINT	POZMIX @
CEMENT LEFT IN CSG. <u>15</u>		GEL <u>3</u> @ <u>21.25</u> <u>63.75</u>
PERFS.		CHLORIDE <u>6</u> @ <u>58.20</u> <u>349.20</u>
DISPLACEMENT <u>13 BBLs</u>		ASC @
EQUIPMENT		
PUMP TRUCK CEMENTER <u>Wayne</u>		
# <u>378</u> HELPER <u>Kerry</u>		
BULK TRUCK		
# <u>378</u> DRIVER <u>Joel</u>		
BULK TRUCK		
#	DRIVER	

REMARKS:

Pipe on Bottom B-cell circulation
with Rig mud
Run 3 BBLs Ahead
Mix 160 SX Class A + 3% cc + 2% Gel
Displace 13 BBLs Fresh water
Shut in
Cement did circulate
Rig Down

HANDLING <u>173.5</u>	@ <u>2.10</u>	<u>364.25</u>
MILEAGE <u>7.9 / 4 95</u>	@ <u>2.35</u>	<u>1765.25</u>
TOTAL		<u>5143.50</u>

SERVICE

DEPTH OF JOB <u>221</u>		
PUMP TRUCK CHARGE	<u>1125.00</u>	
EXTRA FOOTAGE	@	
MILEAGE <u>Hum 95</u>	@ <u>7.00</u>	<u>665.00</u>
MANIFOLD	@	
<u>Hum 95</u>	@ <u>4.00</u>	<u>380.00</u>
	@	

CHARGE TO: Black Diamond

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 2170.00

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL _____

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.

SALES TAX (If Any)	_____
TOTAL CHARGES	<u>7.313.20</u>
DISCOUNT <u>25%</u>	<u>1.828.20</u>
	IF PAID IN 30 DAYS

PRINTED NAME _____

SIGNATURE [Signature]

5.484.90

DAILY DRILLING REPORT

Kraftbill 43-5 BOX 800, TULSA OK 74101
1-800-331-7290

CONTRACTOR

Discovery Drilling Co. INC.

DATE

MON.
5-28-12

COMPANY

Black diamond oil INC

LEASE

MADDDY

WELL NO.

RIG NO.

D. P. STRING NO.

SIZE

COUNTY

NORTON

STATE

KS

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
3795	RID					DM	Kenny James	8
						EM	Mike Boller	8
						H	Casey Jones	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)				H		
@	FT.	DST #3 3675-3727 30-30-30-30		35 MWJ				
DEG. OFF		(8 HRS LAY WORK)		(128)			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	DST #3 6/4	JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP	IN W/BIT 1 1/4	COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 1100-100 WOT/MAKEUP TOOL FOR 2ND W/L TOOL 200-400 TOB 402-515 OUT W/ TOOL 515-545 BREAK LAY TOOL DOWN 545-645 IN W/ BIT 645-700 SETUP TO LAY DOWN PIPE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
3795	RID	2000' - 250 KS				DM	Loris Mlinak	8
		1325 - 100 KS				EM	Justin Bunting	8
		275 - 40 SKS				H	Andrew Benedick	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)				H		
@	FT.	RAT - 10 SKS MOUSE - 15		TOTAL 220 SKS @ 9% RPM 4 1/2" @ 1 1/2" / sec				
DEG. OFF		(6 HRS LAY WORK) COMPLETE RIG RELEASED @ 1300 PM 5/28/12					Sy / Rome	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING		SIZE D. P.	
SIZE	2 1/2" RA	VISC.		LEAKDOWN	1 1/2	SIZE COLL.	
MAKE	6120C	WTR. LOSS-C.C.		EUBC	2	JTS. D. P.	FT.
SERIAL NO.	5702714	FILTER CAKE		TRIP DOWN	1 1/2	KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP IN PLUGGER	30	COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)		PLUG HOLE	2 1/4	TOTAL	FT.

REMARKS: 7:00 TO 8:30 lay down pipe 8:30-9:15 Trip in w/ plugging STDS. 9:15 TO 11:45 Wait On Cement RTN. 11:45 TO 12:45 Plug in + lay down pipe. 12:45-1:30 BREAK LAY RAT'S MOUSE DOWN IN PLUG SAME. 1:30-3:00 TEAR DOWN.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
						DM		
						EM		
						H		
SLOPE TEST		ACCIDENT: - (GIVE NAME)				H		
@	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:

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

SUN.

CONTRACTOR Discovery Drilling Co. INC		DATE 5-27-12	
COMPANY Black diamond OIL INC		WELL NO. 1	RIG NO. 1
DISTRICT	LEASE MADDY	D. P. STRING NO.	
COUNTY NORTON	STATE KS	SIZE	

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3690	3795	Lime	80	40000	800+	Kenny Jones	8
						mike Boller	8
						Casey Jones	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF		(2 1/2 HRS Muddy water)				Terry Jones	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.1	DRILLING	5	SIZE D. P.	
SIZE	7 3/8 RR	VISC.	60+	CORING	CONV 1/4	SIZE COLL.	
MAKE	6X200	WTR. LOSS-C.C.		OTHER	VRIG 1/4	JTS. D. P.	FT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP		COLLARS	FT.
HOURS RUN	58 3/4	MTL. ADDED (REMARKS)			circ 1/2	TOTAL	FT.

REMARKS: 1100-180 CFS@3690 1130-12:15 Drill 12:15-1:15 CFS@3702 1:15-6:00 Drill 6:00-7:00 CFS@3795 RTD

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3795	RTD				850	Larry Mlinak	8
3792	LTD	Superior				Justin Bunting	8
						George Lovelady	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	3795 FT.						
1 1/2 DEG. OFF		(8 HRS Muddy water)				Sgt Rome	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.3 9.4	DRILLING		SIZE D. P.	
SIZE	7 3/8 RR	VISC.	65 63	CORING		SIZE COLL.	
MAKE	6X200	WTR. LOSS-C.C.	8.8 8.8	OTHER	1 1/2	JTS. D. P.	FT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS	1 1/2	KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP	Short 3 1/4	COLLARS	FT.
HOURS RUN	58 3/4	MTL. ADDED (REMARKS)			lossing 1 1/4	TOTAL	FT.

REMARKS: 7:00-7:15 Short Trip (10) 7:15-9:15 CAST. 9:15-10:15 SS, TRIP OUT FOR LOG. 10:45 3:00 Logging

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3795	RTD					CHUCK DICK	8
						GEORGE LOVELADY	8
						RYAN LOVELADY	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.	DST #2 - STRADDLE - 3575-3630					
30-30-45-90							
DEG. OFF		750' MUDDY WATER				STAN LOVELADY	8

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

REMARKS: 3:00-4:00 Logging 4:00-4:30 make up Tool Anchor & Tail pipe 4:30-5:30 Trip in w/Tool 5:30-8:45 DB w/ DST #2 8:45-9:00 Jet water off pipe 9:00-11:00 pull TEST, Dump Fluid, BRACKS Lay Tool Down.

PRINTED IN U.S.A.

APPROVED

TOOL
PUSHER

DAILY DRILLING REPORT

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

CONTRACTOR

Discovery Drilling Co INC

DATE

Sat.
5-26-12

COMPANY

Black diamond oil INC

LEASE

Maddy

WELL NO.

RIG NO.

D. P. STRING NO.

SIZE

DISTRICT

COUNTY

STATE

NORTON

KS

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3560		Lime				Kenny James	8
						Mike Ballev	8
						Casey James	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	3560	FT.	DST#1 3498-3560 62'				
	1 1/2	DEG. OFF	45-60-				
			STRAP SHORT 80			Terry James	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING		SIZE D. P.	
SIZE	7 7/8 RR	VISC.		CORING		SIZE COLL.	
MAKE	GX20C	WTR. LOSS-C.C.		OTHER DST#1 4 1/4		JTS. D. P.	FT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP S.T 2 1/4		COLLARS	FT.
HOURS RUN	46	MTL. ADDED (REMARKS)		CIRC 1 1/2		TOTAL	FT.

REMARKS: 1100-1115 OUT W/ COLLARS 11 1/2-115 IN W/ BIT REAM 10 JTS REAM 15' BOTTOM 1 1/2 2 ASCAST
245-415 OUT W/ BIT STRAPPPIPE 415-445 MAKE UP TOOL 445-600 IN W/ TOOL
600-700 TO B

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3560	3578	Shale + Lime	80	40,000	850	Larry Mlinek	8
						Justin Bunting	8
						Andrew Bonrdick	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@		FT.	DST#1 3490-3560				
		DEG. OFF	45-60-1160				
			Rec 112 MW			Syl Rome	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.4	DRILLING	1 1/2	SIZE D. P.	
SIZE	7 7/8 RR	VISC.	60	CORING		SIZE COLL.	
MAKE	GX20C	WTR. LOSS-C.C.	88	OTHER	1	JTS. D. P.	FT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP		COLLARS	FT.
HOURS RUN	47 1/2	MTL. ADDED (REMARKS)		DST#1 534		TOTAL	FT.

REMARKS: 7:00 TO 9:30 DR/W/TEST, 9:30 TO 11:00 Pull TEST Dump Pulid. Clean up. 11:00 TO 12:45 rip in w/ BIT 12:45 TO 1:15 CAT, 1:15 TO 3:00 DRILL

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3578	3690	SHALE + Lime	80	40,000	850	CHUCK DICK	8
						GEORGE LOVELADY	8
						RYAN LOVELADY	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@		FT.					
		DEG. OFF					
						STAN LOVELADY	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.1	DRILLING	6 1/2	SIZE D. P.	
SIZE	7 7/8 RR	VISC.	60+	CORING	1 1/2	SIZE COLL.	
MAKE	GX20C	WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	FT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP	3/4	COLLARS	FT.
HOURS RUN	53 3/4	MTL. ADDED (REMARKS)		CFS		TOTAL	FT.

REMARKS: 3:00-3:45 DR/Lg, 3:45-4:00 CFS @ 3590' 4:00-5:00 Delg, 5:00-5:15 Rlg @ 3607'
5:15-10:30 Delg, 10:30-11:00 CFS @ 3690'

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

CONTRACTOR

Discovery Drilling CO INC

DATE Fri 5-25-12

COMPANY

Blackdiamond oil INC

LEASE

Maddy

WELL NO.

RIG NO.

DISTRICT

COUNTY

STATE

D. P. STRING NO.

SIZE

NORTON

KS

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3231	3438	Shale & Lime	80	40000	800	Kenny James	8
						mike Bolter	8
						Casay Jones	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF							
						Terry Jones	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	8.8	DRILLING	1 1/4	SIZE D. P.	
SIZE	7/8 RR	VISC.	60	CORING	CONN 1/2	SIZE COLL.	
MAKE	GX20C	WTR. LOSS-C.C.		OTHER	VRIG 1/4	JTS. D. P.	FT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP		COLLARS	FT.
HOURS RUN	40 1/2	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 1100-1145 Drill 1145-1200 @ 3263 VRIG 1200-700 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3438	3560	SHALE + LIME	80	40,000	800	LARRY MILLER	8
						JUSTIN BUNTING	8
						ANDREW BENEDICK	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF							
						STAN LOVELADY	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.3	DRILLING	5 1/2	SIZE D. P.	
SIZE	7/8 RR	VISC.	59	CORING	CONN 1/2	SIZE COLL.	
MAKE	GX20C	WTR. LOSS-C.C.	9.8	OTHER	RIGV 1/4	JTS. D. P.	FT.
SERIAL NO.	5204714	FILTER CAKE	Y32	REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.	10.5	TRIP	CIRC 1 1/2	COLLARS	FT.
HOURS RUN	46	MTL. ADDED (REMARKS)			SHORT TRIP 1/4	TOTAL	FT.

REMARKS: 7:00-7:15 DRlg. 7:15-7:30 RIGV 3451' 7:30-11:15 DRlg. 1:15-2:45 CFS @ 3560'
 2:45-3:00 SHORT TRIP

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3560	-				800	CHUCK DICK	8
						GEORGE LOVELADY	8
						RYAN LOVELADY	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.	DST #1 3498-3560 62' ANCHOR					
DEG. OFF		TORONTO LKC A zone					
						STAN LOVELADY	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.1	DRILLING		SIZE D. P.	
SIZE	7/8 RR	VISC.	65	CORING	CIRC 5	SIZE COLL.	
MAKE	GX20C	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP	SHORT TRIP 1 1/4	COLLARS	FT.
HOURS RUN	46	MTL. ADDED (REMARKS)			DST #1 1 3/4	TOTAL	FT.

REMARKS: 3:00-4:15 SHORT TRIP 26 STANDS / 4:15-9:15 CAST 9:15-11:00 DRIP SUEE SHOT - TRIP out w/B.O. STRAP PIPE - pulled tight (WATSON GEOLOGIST)

DAILY DRILLING REPORT

43-5 BOK 800, TULSA OK 74101
1-800-331-7290

CONTRACTOR

Discovery Drilling Co. INC

DATE

Thurs.

WELL NO.

RIG NO.

COMPANY

Black diamond oil Co.

LEASE

Maddy

DISTRICT

COUNTY

NORTON

STATE

KS

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2440	2750	Shale	80	35000	800	Kenny Jones	8
						Mike Ballek	8
						Casey Jones	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF		Fvac Full 1 For 2				Terry Jones	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	95 94	DRILLING	6 1/2	SIZE D. P.	60
SIZE	7 3/8 RR	VISC.		CORING	CONN 3/4	SIZE COLL.	4
MAKE	Gx20C	WTR. LOSS-C.C.		OTHER	VRIG 1/4	JTS. D. P.	2 FT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	6 FT.
DEPTH IN	221	PH.		TRIP		COLLARS	1/2 FT.
HOURS RUN	20 1/4	MTL. ADDED (REMARKS)			Jet 1/2	TOTAL	8 FT.

REMARKS: 1100-1115 @ 2446 VRIG/Jet #1 1115-515 Drill 515-530 @ 2697 Jet #1 532-700 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2750	3015	Shale	80	40000	800	Loren Mlinek	8
						Justin Baertling	8
						Andrew Benedick	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF		2 tanks for #2 plus 1 lead tank				Sg/Rome	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	94	DRILLING	6 1/4	SIZE D. P.	60-75
SIZE	7 3/8 RB	VISC.		CORING	CON 3/4	SIZE COLL.	51-58
MAKE	Gx20C	WTR. LOSS-C.C.		OTHER	✓ 1/4	JTS. D. P.	CONST-11
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	116-3 FT.
DEPTH IN	221	PH.		TRIP		COLLARS	PRIS-115K
HOURS RUN	26 1/2	MTL. ADDED (REMARKS)			Jet 3/4	TOTAL	116-17

REMARKS: 7:00-7:15 Sec Ris 7:15-7:30 Jet #2 @ 2760, 7:30-10:45 Drill, 10:45-11:00 Clean Section @ 2893 11:00-11:30 Drill, 11:30-11:45 Jet #1 (Display of 2912) 11:45-3:00 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3015	3231	SHALE	80	40,000	800	CHUCK DICK	8
						GEORGE LOVELADY	8
						RYAN LOVELADY	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF		(1/4 HR Nonwork)				STAN LOVELADY	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	88	DRILLING	6 3/4	SIZE D. P.	
SIZE	7 7/8 RR	VISC.	58	CORING	CONN 1/2	SIZE COLL.	
MAKE	Gx20C	WTR. LOSS-C.C.		OTHER	Rig 1/4	JTS. D. P.	FT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		Prep	1/4	COLLARS	FT.
HOURS RUN	33 1/4	MTL. ADDED (REMARKS)		Sample Box	1/4	TOTAL	FT.

REMARKS: 3:00-3:30 DRlg, 3:30-3:45 Purn 3:45-4:00 Rig @ 3043' 4:00-10:45 DRlg, 10:45-11:00 SET Sample Box @ 3231'

DAILY DRILLING REPORT

43-5 BOX 800 TULSA OK 74101
1-800-331-7290

CONTRACTOR

Discovery Drilling Co Inc

wed.
DATE 5-23-12

COMPANY

Black diamond oil Inc

LEASE

Maddy

WELL NO.

RIG NO.

DISTRICT

COUNTY

STATE

D. P. STRING NO.

SIZE

Norton

KS

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
221	688	sand + shale	90	15000 20000	600	Kenny Jones	8
						Mike Bolker	8
						Casey Jones	8
						Terry Jones	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	3 3/4	SIZE D. P.	
SIZE	7 7/8 RR	VISC.		CORING CONN	1 1/4	SIZE COLL.	
MAKE	6x200	WTR. LOSS-C.C.		OTHER	WDC 3	JTS. D. P.	FT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP		COLLARS	FT.
HOURS RUN	3 3/4	MTL. ADDED (REMARKS)		TOTAL		TOTAL	FT.

REMARKS: 1100-2:00 WDC @ 221 200-700 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
688	1976	Sand + Shale	90	30000	700	Nancy Malinak	8
						Justin Bunting	8
						Andrew Benedick	8
						Sy/Ron	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	90	DRILLING	4	SIZE D. P.	GEL-25
SIZE	7 7/8 RR	VISC.		CORING CON	3 1/2	SIZE COLL.	S.ASH-3
MAKE	6x200	WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	CAUST-2 1/2
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	UG-1 FT.
DEPTH IN	221	PH.		TRIP		COLLARS	DRIS-3 1/2 SK
HOURS RUN	7 3/4	MTL. ADDED (REMARKS)		TOTAL		TOTAL	12 HULLS 1/4

REMARKS: 7:00 TO 7:15 Sol Rig, 7:15 TO 7:30 Drill, 7:30 TO 7:45 JET #1 R 749, 7:45 TO 11:30 Drill, 11:30 TO 1:15 JET #1 R 1755, 1:15 TO 3:00 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1976	2003	ANHYDRITE	80	35,000	800	CHUCK DICK	8
2003	2440	SHALE	90	35,000	800	GEORGE LOUELADY	8
						RYAN LOUELADY	8
						STAN LOUELADY	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	6	SIZE D. P.	Gel-50
SIZE	7 7/8 RR	VISC.		CORING CONN	1 1/2	SIZE COLL.	S.ASH-6
MAKE	6x200	WTR. LOSS-C.C.		OTHER	Rig 1/4	JTS. D. P.	CAUST-2
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	Lig-2 FT.
DEPTH IN	221	PH.		TRIP		COLLARS	DRIS-3 1/2 SK
HOURS RUN	13 3/4	MTL. ADDED (REMARKS)		TOTAL		TOTAL	12 HULLS-3

REMARKS: 3:00-3:15 Rig @ 1976' 3:15-5:15 Delg, 5:15-5:30 JET #10 2069' 5:30-11:00 Delg.

DAILY DRILLING REPORT

Kraibill 43-5 BOX 800, TULSA OK 74101
1-800-351-7290

CONTRACTOR
Discovery Drilling, Inc.

TUESDAY

DATE
5/22/12

COMPANY
BLACK DIAMOND OIL, Inc.

LEASE
MADDDY

WELL NO. / RIG NO.

DISTRICT
NORTON

COUNTY
Ks

D. P. STRING NO. / SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM KENNY JONES	8
						EM MIKE BALLEW	8
						H CASEY JONES	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF							

128
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.		OVERALL UP 8		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 Hcelp set rig rig up

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
0	193	SURFACE CLAY/SAND & SHALE	100	ALL	600	DM LARRY MLINER	8
						EM JUSTIN BUNTING	8
						H ANDREW BENEDICT	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF		Spud 12:45 e 12:45 P.M. 5/22/12					

128
CLIFF MAYFIELD

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	1	WEIGHT		DRILLING	1 3/4	SIZE D. P.	
SIZE	12 1/2	VISC.		CORING	CONN 1/2	SIZE COLL.	
MAKE	JZ BITS	WTR. LOSS-C.C.		WIDE RIG UP 5 1/4		JTS. D. P.	FT.
SERIAL NO.	WA417	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	0	PH.		TRIP		COLLARS	FT.
HOURS RUN	13/4	MTL. ADDED (REMARKS)		RAT HOLE 1/2		TOTAL	FT.

REMARKS: 700-1000 loadout Rig 1000-1030 MOVE Rig, 1030-1215 SET RIG IN RIG UP, 1215-1245 DRILL RAT HOLE, 1245-300 DRILL SURFACE HOLE.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
193	221	SAND, SHALE + CLAY	100	ALL	600	DM CHUCK DICK	8
						EM GEORGE LOVELADY	8
						H RYAN LOVELADY	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	221 FT.						
DEG. OFF		3/4		JOB COMPLETE @ 6:00 P.M. 5/22/12			

(1 1/4 HRS INJURED)

128
STAN LOVELADY 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	VISC.		CORING	CIRC 1/4	SIZE COLL.	
MAKE	JZ BITS	WTR. LOSS-C.C.		FOR RUN CEMENT		JTS. D. P.	FT.
SERIAL NO.	WA417	FILTER CAKE		W/O CEMENT	1 1/4	KELLY DOWN	FT.
DEPTH IN	0	PH.		CEMENT P&T 1/4		COLLARS	FT.
HOURS RUN	2	MTL. ADDED (REMARKS)		WOC 5		TOTAL	FT.

REMARKS: 3:00-3:15 Delg. SURFACE HOLE 3:15-3:30 Circ Collar 3:30-4:30 Drop Surf SMT- Trip out + Run 8 1/2 csg (4:30-5:45 WAIT ON CEMENTERS) 5:45-6:00 CEMENT P&T, 6:00-11:00 WOC. (GOT STOPPED BY DOT)