



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
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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: \_\_\_\_\_



1090090

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
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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
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 657

Cell 785-324-1041

Date	5-16-12	Sec.	29	Twp.	3	Range	20	County	Phillips	State	KS	On Location		Finish	4:45p.m.	
Lease	Thomas		Well No.	1		Location	Logan 62 1 1/2 W 20. into									
Contractor	Discovery #1							Owner	To Quality Oilwell Cementing, Inc.							
Type Job	Surface							You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Hole Size	12 1/4		T.D.	221		Charge To	Black Diamond									
Csg.	8 5/8		Depth	220		Street										
Tbg. Size			Depth			City			State							
Tool			Depth			The above was done to satisfaction and supervision of owner agent or contractor.										
Cement Left in Csg.	15'		Shoe Joint			Cement Amount Ordered	150 com 30 lb cc 20 lb gel									
Meas Line			Displace	133C												

**EQUIPMENT**

Pumptrk	9	No.	Cementer	Chris	Common	150
			Helper			
Bulktrk		No.	Driver	Matt	Poz. Mix	
			Driver			
Bulktrk	13	No.	Driver	Mike	Gel.	3
			Driver			

**JOB SERVICES & REMARKS**

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
8 5/8 on bottom. Est Circulation. Mix	Sand
150 SIC & Displace	Handling 158
Cement (Circulated)	Mileage

**FLOAT EQUIPMENT**

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

Pumptrk Charge *Surface*  
 Mileage *69*

Tax  
 Discount  
 Total Charge

*Bill Washburn*

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

CONTRACTOR: **Discovery Drilling CO INC.**

DATE: **MON 5-21-12**

COMPANY: **Black diamond oil Inc**

LEASE: **THOMAS**

WELL NO. **1** RIG NO. **1**

DISTRICT: **Phillips** COUNTY: **KS**

D. P. STRING NO. **1** SIZE **1**

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
	3761	RTD				Kenny Jones	8
	3761	LTD				Mike Bolter	8
						Casey Jones	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.	DST #2 3480-3544					
	DEG. OFF	30-30-30-30 Rec: 30' mud					
		(8 hrs laywork)				(14) Terry Jones	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	1 1/2	SIZE D. P.	
SIZE	7/8" RP	VIS.		CORING		SIZE COLL.	
MAKE	6x200	WTR. LOSS-C.C.		OTHER	DST #2 5 1/2	JTS. D. P.	FT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS	WOT 1 1/2	KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP	WOO 1 1/2	COLLARS	FT.
HOURS RUN	5 1/2	MTL. ADDED (REMARKS)		TOTAL			FT.

REMARKS: 1100-1230 Logging 1230-100 WOT 100-145 make up tool 145-245 INW TOOL 245-445 STOP 445-600 OUTW TOOL 600-630 BREAK LAY TOOL DOWN 630 WOT WOT

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
	3761	LTD				Larry Mlinek	8
						Justin Bunting	8
						Andrew Benedick	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.	(534 hrs laywork)					
	DEG. OFF					(14) Syl Pump	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING		SIZE D. P.	
SIZE	7/8" RP	VIS.		CORING		SIZE COLL.	
MAKE	6x200	WTR. LOSS-C.C.		OTHER	Flow Hole 5 3/4	JTS. D. P.	FT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP		COLLARS	FT.
HOURS RUN	5 1/2	MTL. ADDED (REMARKS)		TOTAL			FT.

REMARKS: 700 to 1000 T.H. & LAPP 1000 to 1030 T.H. & LAPP 1030 to 1045 Plug 1045 to 1245 Plug hole (Log Released @ 1245) 1245 to 300 Rig 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		VIS.		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  
 HUBBARD 43-5 BOX 900, TULSA OK 74101  
 1-900-531-7290

CONTRACTOR  
**Discovery Drilling Co. Inc**  
 LEASE  
**THOMAS**  
 COUNTY  
**Phillips** STATE  
**KS**

DATE  
**5-20-12**  
 WELL NO.  
**1** RIG NO.  
**1**  
 D. P. STRING NO. SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3636		Line	80	40000	800	Kenny James	8
						mike Bolter	8
						Casey Jones	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.	DST #1					
	DEG. OFF	32-30-30-30		114		Tevvy Jones 8	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING		SIZE D. P.	
SIZE	73 RR	VISC.		CORING		SIZE COLL.	
MAKE	GX20C	WTR. LOSS-C.C.		OTHER	DST #1 734	JTS. D. P.	FT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP		COLLARS	FT.
HOURS RUN	49 1/2	MTL. ADDED (REMARKS)			Circ 1/4	TOTAL	FT.

REMARKS: 1100-1200 OUT W/ BIT 1200-1215 MAKE UP TOOL 1215-145 IN W/ TOOL 145-345 TO B 345-500 OUT W/ TOOL 500-515 Break Lay Tool Down 515-645 IN W/ BIT 645-700 CAT

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3636	3761	Shale + lime	80	40000	800	Chuck Dick	8
						Justin Bunting	8
						Andrew Benedick	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.	2					
	DEG. OFF	(2 1/2 HRS Daywork)		114		Sy Rome 8	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.3	DRILLING	5	SIZE D. P.	EO-Hulls
SIZE	73 RR	VISC.	8.0	CORING	Con 1/4	SIZE COLL.	1-1/2
MAKE	GX20C	WTR. LOSS-C.C.	8.0	OTHER	✓ 1/2	JTS. D. P.	
SERIAL NO.	5204714	FILTER CAKE	1/32	REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.	10.5	TRIP	1/4	COLLARS	FT.
HOURS RUN	54 1/2	MTL. ADDED (REMARKS)			CER 2 1/4	TOTAL	FT.

REMARKS: 7:00 TO 7:45 CAT, 7:45 TO 8:00 Ser Rig, 8:00 TO 9:15 Di 11, 9:15 TO 10:00 Tejt #1 add Prep #2, 10:00 TO 11:00 Drill, 11:00 TO 2:00 CFS @ 3761, 2:00 TO 2:15 Dry, 2:15 TO 2:45 CFS @ 3761, 2:45 TO 3:00 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
3761	RTD				800	CHUCK DICK	8
3761	LTD	SUPERIOR LOGGERS				GEORGE LOVELADY	8
						RYAN LOVELADY	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.	3					
	DEG. OFF	(8 HRS Daywork)		114		STAN LOVELADY 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	Circ 2 1/2	SIZE COLL.	
MAKE	GX 20C	WTR. LOSS-C.C.		OTHER	SHORT TRIP 3/4	JTS. D. P.	FT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP OUT W/ BIT	1 1/2	COLLARS	FT.
HOURS RUN	54 1/2	MTL. ADDED (REMARKS)			Logging 3 1/4	TOTAL	FT.

REMARKS: 3:00-4:00 CFS @ 3761' 4:00-4:45 SHORT TRIP 10 STANDS 4:45-6:15 CAST 6:15-7:45 Trip out w/ BIT 7:45-11:00 Logging (CHANGE OIL + FILTERS IN DWCS + Pump motor)

DAILY DRILLING REPORT  
 KERRILL 43-5 BOX 800, TULSA OK 74101  
 1-800-331-7296  
 COMPANY  
 Black diamond OIL INC  
 DISTRICT

CONTRACTOR  
 Discovery Drilling Co. INC  
 LEASE  
 THOMAS  
 COUNTY  
 PHillips  
 STATE  
 KS

DATE  
 Sat.  
 S-19-12  
 WELL NO.  
 1  
 RIG NO.  
 1  
 D. P. STRING NO.  
 SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	DM	EM	H	H	NAME	HRS.
3233	3445	Shale & Lime	80	40000	800					Kenny Jones	8
										mike Bolter	8
										Casey Jones	8
										(114) Terry Jones	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.0	DRILLING	7 1/2	SIZE D. P.	
SIZE	7 7/8	VISC.	60	CORING	CONN 1/2	SIZE COLL.	
MAKE	GX200	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	4 1/2	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 1100-1200 Drill 1200-1215 @ 3260 VRIG 1215-700 Dn 11

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	DM	EM	H	H	NAME	HRS.
3445	3595	Shale + lime	80	40000	800					Larry Mlinak	8
										Justin Banting	8
										Andrew Benedick	8
										(114) Sy / Rome	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	VISC.	66	CORING	CONN 1/2	SIZE COLL.	
MAKE	GX200	WTR. LOSS-C.C.	8.0	OTHER	VRIG 1/4	JTS. D. P.	FT.
SERIAL NO.	5204714	FILTER CAKE	1/32	REPAIRS		KELLY DOWN	FT.
DEPTH IN	221	PH.	10.5	TRIP		COLLARS	FT.
HOURS RUN	4.8	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 7:00 TO 7:15 Ser Rig @ 3449, 7:15 TO 11:15 Drill, 11:15 TO 12:00 & FS @ 3535, 12:00 TO 3:00 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	DM	EM	H	H	NAME	HRS.
3595	3636	SHALE + Lime	80	40,000	800					CHUCK DICK	8
										GEORGE LOVELADY	8
										ANDREW BENEDICK	8
										(114) STAN LOVELADY	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.1	DRILLING	1 1/2	SIZE D. P.	
SIZE	7 7/8	VISC.	60+	CORING	CONN 1/4	SIZE COLL.	
MAKE	GX200	WTR. LOSS-C.C.		OTHER	RIG 1/4	JTS. D. P.	FT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS	Circ 2 1/2	KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP	2 3/4	COLLARS	FT.
HOURS RUN	4 9/2	MTL. ADDED (REMARKS)			DST #1 3/4	TOTAL	FT.

REMARKS: 3:00-3:15 DRlg, 3:15-3:30 Rig @ 3604' 3:30-5:00 DRlg, 5:00-5:30 CES @ 3636' 5:30-8:15 SHORT TRIP 40 STANDS 8:15-10:15 CAST 10:15-11:00 TRIP OUT w/BIT FOR DST #1

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

CONTRACTOR  
 Discovery Drilling CO INC  
 LEASE  
 THOMAS  
 COUNTY  
 PHILLIPS  
 STATE  
 KS

DATE  
 Fri.  
 5-18-12  
 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.
2275	2655	Shale	80	40000	800				Kenny Jones	8
									Mike Bolter	8
									Casey Jones	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)								
@	FT.									
DEG. OFF		FVAC FULL 1 For 2						(114) Terry Jones		8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.3	DRILLING	6 1/4	SIZE D. P.	6cl 50
SIZE	78	VISC.		CORING	CONN 1	SIZE COLL.	CAU 4
MAKE	GX20C	WTR. LOSS-C.C.		OTHER	VRW 1/4	JTS. D. P.	EBG 2 FT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	SODA 6 FT.
DEPTH IN	221	PH.		TRIP		COLD 1/2	
HOURS RUN	21 1/2	MTL. ADDED (REMARKS)			Jet 1/2	TOTAL	HULLS 8 FT.

REMARKS: 1100-1115 @ 2287 VRIG 1115-1145 Drill 1145-1200 @ 2319 Jet #2 1200-445 Drill 445-500 @ 2570 Jet #1 500-700 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	DM	EM	H	NAME	HRS.
2655	2975	Shale	80	40000	800				Larry Mlinak	8
									Justin Bunting	8
									Andrew Bendick	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)								
@	FT.									
DEG. OFF								(114) Syl Rome		8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	8.7	DRILLING	6-4	SIZE D. P.	GEL-40
SIZE	73g	VISC.	50	CORING	CONN 1	SIZE COLL.	SAS-3
MAKE	GX20C	WTR. LOSS-C.C.	7.6	OTHER	✓ 1/4	JTS. D. P.	CAUST-2FT.
SERIAL NO.	5204714	FILTER CAKE	1/32	REPAIRS		KELLY DOWN	LIG-2FT.
DEPTH IN	221	PH.	11.5	TRIP		COLLARS	DRIS-1/2 SK
HOURS RUN	27 1/4	MTL. ADDED (REMARKS)	3		Jet 1/2	TOTAL	HULLS 10

REMARKS: 7:00 TO 7:15 Sec Rig + Jet #2 @ 2663, 7:15 TO 11:00 Drill 11:00 TO 11:15 Clean Section @ 2820 11:15 TO 11:15 Drill 11:15 TO 12:00 Jet #1 @ 2841 (Displaced) 12:00 TO 3:00 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	DM	EM	H	NAME	HRS.
2975	3233	SHALE	80	40,000	800				CHUCK DICK	8
									GEORGE LOVELADY	8
									RYAN LOVELADY	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)								
@	FT.									
DEG. OFF								(114) STAN LOVELADY		8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	8.8	DRILLING	6 1/2	SIZE D. P.	
SIZE	77g	VISC.	53	CORING	CONN 3/4	SIZE COLL.	
MAKE	GX20C	WTR. LOSS-C.C.		OTHER	Rig 1/4	JTS. D. P.	FT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS	Sample Box 1/4	KELLY DOWN	FT.
DEPTH IN	221	PH.		TRIP	2nd Pump 1/4	COLLARS	FT.
HOURS RUN	34 1/4	MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: 3:00-3:45 Delg. 3:45-4:00 Rig @ 3008' 4:00-4:15 Pump 4:15-8:15 Delg. 8:15-8:30 Set Sample Box @ 3164' 8:30-11:00 Delg.

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

THURS.

CONTRACTOR <b>Discovery Drilling CO. INC.</b>	DATE <b>5-17-12</b>
LEASE <b>Thomas</b>	WELL NO. <b>1</b>
COMPANY <b>Blackdiamond OIL INC.</b>	RIG NO. <b>1</b>
DISTRICT	D. P. STRING NO.
COUNTY <b>Phillips</b>	STATE <b>KS</b>
	SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
221	689	Sand + shale	90	15000 20000	600	Kenny Jones	8
						Mike Bolter	8
						Casey Jones	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF		2 IN FRAC		(114) Terry Jones			8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	4 3/4	SIZE D. P.	Gel 25
SIZE	7/8	VISC.		CORING CONN	1 1/4	SIZE COLL.	RAU 2
MAKE	6X20C	WTR. LOSS-C.C.		OTHER	WDC 1 3/4	JTS. D. P.	JTS 19 1 FT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	SODA 3 FT.
DEPTH IN	221	PH.		TRIP		COLLARS	COLD WP 4 FT.
HOURS RUN	4 3/4	MTL. ADDED (REMARKS)		JET	1/4	TOTAL	HULLS 4 FT.

REMARKS: 1100-1245 WDC @ 221 1245-600 Drill 600-615 @ 623 Jet #1 615-700 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
689	1789	Sand + Shale	90	30000	750	Larry Mlinak	8
						Justin Bunting	8
						Andrew Benedick	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF		3 in Frac		(114) Syl Rome			8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	87	DRILLING	4 1/2	SIZE D. P.	GEL-25
SIZE	7/8	VISC.		CORING CONN	3	SIZE COLL.	SASH-3
MAKE	6X20C	WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	CAST 2
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	46 FT.
DEPTH IN	221	PH.		TRIP		COLLARS	DRIS 74SK
HOURS RUN	9 1/2	MTL. ADDED (REMARKS)		JET	1/4	TOTAL	HULLS 4

REMARKS: 7:00 TO 7:15 Ser Rig @ 717, 7:15 TO 12:15 Drill, 12:15 TO 12:30 Jet #1 @ 707, 12:30 TO 3:00 Drill

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1789	1863	SAND + SHALE	90	30,000	800	CHUCK DICK	8
1863	1892	ANHYDRITE	80	35,000	800	GEORGE LOVELADY	8
1892	2275	SHALE	80	35,000	800	RYAN LOVELADY	8
SLOPE TEST		ACCIDENT: - (GIVE NAME)					
@	FT.						
DEG. OFF		- 4 IN FRAC -		(114) STAN LOVELADY			8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT		DRILLING	6	SIZE D. P.	25 GEL
SIZE	7/8	VISC.		CORING CONN	1 1/4	SIZE COLL.	3 SODA ASH
MAKE	6X20C	WTR. LOSS-C.C.		OTHER	Rigr 1/4	JTS. D. P.	2 CALUSTIC FT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	1 LIGNITE FT.
DEPTH IN	221	PH.		TRIP		COLLARS	1/4 SK DRIS 200
HOURS RUN	15 1/4	MTL. ADDED (REMARKS)		JET	1/2	TOTAL	4 HULLS FT.

REMARKS: 3:00-3:15 Drlg, 3:15-3:30 Rigr @ 1816' 3:30-5:30 Drlg, 5:30-5:45 JET #1 @ 1942' 5:45-9:15 Drlg, 9:15-9:30 JET #1 @ 2192' 9:30-11:00 Drlg.



DAILY DRILLING REPORT  
 Form 43-5 BOX 900, TULSA OK 74101  
 1-800-331-7290

CONTRACTOR  
**Discovery Drilling, Inc.**

DATE  
 wed.  
 5/16/12

COMPANY  
**BLACK DIAMOND OIL, Inc.**

LEASE  
 THOMAS

WELL NO.  
 #1

RIG NO.  
 1

DISTRICT  
 PHILLIPS

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 BOLLEV	8
						H CASEY JONES	8
						H	
						114 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	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		TOTAL	FT.

REMARKS: 700-300 Help set rig v rig up

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
0	135	Sand Shale Clay	120	All	600	DM Larry Mlinek	8
						EM Justin Bunting	8
						H Andrew Beardick	8
						H	
						114 Sy / Prom	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	1	WEIGHT		DRILLING	2	SIZE D. P.	
SIZE	12 1/2 in	VISC.		CORING	1/2	SIZE COLL.	
MAKE	WA 417	WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.	12821	FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN	0	PH.		TRIP	1/2	COLLARS	FT.
HOURS RUN	2	MTL. ADDED (REMARKS)		TOTAL	5 1/4	TOTAL	FT.

REMARKS: 7:00 TO 12:15 LRO + m, Rig up, 12:15 TO 12:30 Drill Ball Hd, 12:30 TO 12:45

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
135	221	SAND, SHALE + CLAY	120	ALL	600	DM CHUCK DICK	8
						EM GEORGE LOVELADY	8
						H RYAN LOVELADY	8
						H	
						114 STAN LOVELADY	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	1	WEIGHT		DRILLING	1/4	SIZE D. P.	25 GEL
SIZE	12 1/4	VISC.		CORING	1/4	SIZE COLL.	3 SODA ASH
MAKE	WA 417	WTR. LOSS-C.C.		OTHER	1/2	JTS. D. P.	2 CAUSTIC
SERIAL NO.	12821	FILTER CAKE		REPAIRS	1/2	KELLY DOWN	1 LIGNITE
DEPTH IN	0	PH.		TRIP	1/4	COLLARS	1/4 SK DEGRASS
HOURS RUN	2 1/4	MTL. ADDED (REMARKS)		TOTAL	6 1/4	TOTAL	4 HULLS

REMARKS: 3:00-3:30 Delq Surface Hole 3:30-3:45 Circ Cellar 3:45-4:15 Trip out w/ bit - Run 85% csg 4:15-4:30 Circ. 85% csg, 4:30-4:45 Cmt. 85% csg, 4:45-11:00 WOC  
 (CHANGE OIL IN SWIVEL - CHANGE ROD HEAD PREMIX SIDE - CUT DELQ. LINE)