KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEAS

OR/G/N	Form ACO-1 September 1999 Form Must Be Typed
SE JAN	AI

Operator: License #	API No. 15 - <u>137-20448-00-00</u>
Name: BLACK DIAMOND OIL, INC.	NORTON
Address: P.O. BOX 641	
City/State/Zip: HAYS, KS 67601	710
Purchaser: None	990
Operator Contact Person: KENNETH VEHIGE	Footages Calculated from Nearest Outside Section Corner:
Phone: (_785) 625-5891	(circle one) NE SE NW SW
Contractor: Name: W. W. DRILLING	Lease Name: TIEN Well #: 1
License: 33575	Field Name: HANSEN NW
Wellsite Geologist: Tony Richardson	Producing Formation: NONE
Designate Type of Completion:	Elevation: Ground: 2251 Kelly Bushing: 2257
New Well Re-Entry Workover	Total Depth: 3724 Plug Back Total Depth:
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 219 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) 12.14-07
Deepening Re-perf Conv. to Enhr./SW	Chloride content 3500 ppm Fluid volume 900 bbls
Plug Back Plug Back Total Depth	Dougtoring method used Air Dry
Commingled Docket No.	
Dual Completion Docket No	RECEIVED
Other (SWD or Enhr.?) Docket No	Operator Name:
3/10/06 3/10/06 3/10/06	Lease Name: APP:2006
Spud Date or Date Reached TD Completion Date Recompletion Date Recompletion Date	or Quarter Sec. Twp. KCS Reference East West
necompletion bate necompletion ba	County: Docket No.:
•	

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge. **KCC Office Use ONLY** N Letter of Confidentiality Received If Denied, Yes Date: Wireline Log Received **Geologist Report Received UIC Distribution** VERDA M. ERIN Date Commission Expires: MOTARY PUBLIC STATE OF KANSA

Sec. 21 Twp. 4			Cour	nty: NOR	TON	·			
NSTRUCTIONS: Sho									
tested, time tool open a temperature, fluid reco Electric Wireline Logs s	and closed, flowing very, and flow rate	ng and shut-in pressur es if gas to surface tes	es, whether st, along with	shut-in pr	essure reached	static level, hyd	rostatic pressu	res, bottom hole	
Drill Stem Tests Taken (Attach Additional St	neets)	✓ Yes 🗌 No)	√ L	og Format	ion (Top), Depth	and Datum	Sample	
Samples Sent to Geolo	ogical Survey	Yes VNo	,	Nam	e ydrite		Тор 1897	Datum +361	
ores Taken Yes 7 No				Hee	•		3406	-1148	
Electric Log Run (Submit Copy)		✓ Yes No	ı		sing KC		3453	-1195	
ist All E. Logs Run:				Base	e KC		3640	-1382	
iot 7th E. Logo Han.				Arbu	ıckle		3709	-1451	
Neutron/Density	y, Duai indu		NG RECORD	✓ Ne	w Used	19.44			
		Report all strings s				tion, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)		eight s. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
Surface	12 1/4	8 5/8	20#		219'	common	160	3%cc,2% gel	
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	ADDITION Type of Cement		ING / SQU s Used	EEZE RECORE	······································	Percent Additives	3	
Shots Per Foot	PERFORATI Specify	ON RECORD - Bridge P Footage of Each Interval I	lugs Set/Type Perforated	}		cture, Shot, Cemen		d Depth	
						**************************************	RECEIN APR 192 CC WIC	/ED	
UBING RECORD	Size	Set At	Packer /	At	Liner Run			HITA	
ate of First, Resumerd Pr	oduction, SWD or E	nhr. Producing M	ethod			YesNo			
stimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Flowing Water	Pumpin		t Othe	er (Explain) Gravity	
							······································		
isposition of Gas	METHOD OF C	OMPLETION			Production Interv	/al			

ALLIED CEMENTING CO., INC. 23649

•		Federal T	ax I.		•	
REMIT TO P.O. BOX RUSSELL	31, , KANSAS 676			SER	VICE POINT:	5e11
DATE 3 - 3 - 06 SEC	TWP 4	RANGE 22	CALLED OUT	ON LOCATION		JOB FINISH 7:30 Pr
LEASE TI'EN WE	LL#	LOCATION F7	mond 2	EZZN	COUNTY NORTON	STATE
OLD OR NEW (Circle of		LOCATION L. L.	1 4Wir		1104707	TRAMOS
HOLE SIZE 12 14 CASING SIZE 8 9 TUBING SIZE	DE	РТН ДДО РТН	OWNER CEMENT	RDERED //o	O com	22Ge
DRILL PIPE		PTH				
TOOL		PTH			_	
PRES. MAX		NIMUM OF JOINT	COMMON	· · · · · · · · · · · · · · · · · · ·	_@	
MEAS. LINE CEMENT LEFT IN CSO		OE JOINT	POZMIX GEL		_@ @	-
PERFS.	<u> </u>		GEL CHLORIDE _		_	
DISPLACEMENT	13	BBL	ASC	·	_	
	EQUIPMENT	700	^100		_	
	EQUII MENT					
PUMPTRUCK CEM # 398 HELI		end			@ RECE! @APR	VED
BULK TRUCK	ER A	/			<u>@ '9</u>	2006
# 378 DRIV	ER KO	N				1
BULK TRUCK	7.1.3				_@ @	
# DRIV	'ER		- HANDLING_			
			MILEAGE L	2 TON MIL	_ @	
	REMARKS:	e de la			TOTAL	5-4-4
				SERVI	CE	
	ma a in t		DEPTH OF 10	ND		
	menc	<u> </u>	DEPTH OF JO PUMP TRUCK			
		*	EXTRA FOOT		@	
		11 11	MILEAGE _/		- [@]	****
		Hanps	Z MANIFOLD		@	
					@	***************************************
\mathcal{D}^{\perp}		·.	^		@	
CHARGE TO: KL	acK 1)	iamont (lih			
9					TOTAL	
STREET						
CITY	_STATE	ZIP		PLUG & FLOAT	EQUIPMEN	Г
: 위한 : 대한 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :			8-18 W	100DEN PIC	<u>la</u>	•
	•			7	<u></u>	······································
		्रा क				
To Allied Cementing C		•	***************************************	•		
You are hereby request	ed to rent cem	enting equipment		* * .	_@ 	
10 11	111	•	1 i i i i i i i i i i i i i i i i i i i	in the second se	س	

REMIT TO P.O. I	SELL, KAI	NSAS 670	565		SER	VICE POINT:	ne!
DATE 3-10-67	SEC_/	TWP.	RANGE 2	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE TIEN	WELL#	/	LOCATION F	James 2 6 3		COUNTY	STATE
OLD OR NEW (Ci	rcle one)			let f		TO CAR T SIN	16"
CONTRACTOR	Way	[#] 2		OHATTA			
TYPE OF JOB	luc			OWNER			
HOLE SIZE		T.D)	CEMENT			
CASING SIZE	 		PTH 👊				
TUBING SIZE			PTH	AMOUNT OF	EDERED	*	
DRILL PIPE			PTH		60/40-6 to	"t/u	
TOOL			PTH			· · · · · · · · · · · · · · · · · · ·	
PRES. MAX			NIMUM		A		
MEAS. LINE			DE JOINT	COMMON		_@	
CEMENT LEFT IN	CSG	5110	DE JOHAI	POZMIX	· ·	_@	
PERFS.	<u> </u>			GEL		_@	
DISPLACEMENT				CHLORIDE _		_@	
	FOTT	~~~~		ASC		@	
	EQUI	PMENT				. @	
OLIA (D. C.D. L. C.V.						.@	
. // / /	EMENTE			* · · · · · · · · · · · · · · · · · · ·		@	
	ELPER	<i>\</i>	4110			@ REC	FILL
BULK TRUCK + 3 62 D		^	.,			@ APR 1 @KCO16	EIVED
	RIVER		OUS				
BULK TRUCK	W. TV TV					eKCCW	~~~~
<u>D</u>	RIVER			- HANDLING		@	CHITA.
				MILEAGE		@	
**************************************	REM	ARKS:		WIELAGE			***
	· · · · · · · · · · · · · · · · · · ·					TOTAL	
phologe	3650	w/ 2	5 th		SERVIC	r	
NU Plus C	19250		Take		SERVIC)	Ŀ	
Pur plug C	11756		Ushe	DEPTH OF JOE	}		
in plug 5	275 in		Upper		CHARGE		
b pic C	10 w/	16	Phi	EXTRA FOOTA	GE /		***************************************
Sphift	·			_ MILEAGE	GE	<u>a</u>	
PRA / H			·			<u>u</u> /	
				MANUTOLD		9	
0.1		\sim	4				
HARGE TO: B/A	4 CK 1	Lign	cal 12:1 To	3 -		<u> </u>	
	7 7	· · · · · · · · · · · · · · · · · · ·	0000 0 1 40	K		•	
REET	*****			·		TOTAL _	
TY	STATE	7	7ID				•
	V 1/ 11 L	- 	&IF	- PI	UG & FLOAT E	OHIDMESIC	
				1.	CO WILDAI E	VOILMENT	
				1.02			
				1.8 \$ wo)	
Allied Cementing					@		

*

@

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or

WW DRILLING, LLC P. O. BOX 307 WAKEENEY, KANSAS 67672 PH. 785-743-6774

Black Diamond Oil, Inc. P. O. Box 641 Hays, Kansas 67601

1 Tien 710' FSL & 990' FEL Section 21-4s-22w Norton County, Kansas

API # 15-137-20448-00-00

025 SX 10' Above Arbuckle

025 sx @ 1925'

100 sx @ 1175'

040 sx @ 275'

010 sx @ 40'

015 ax Rathole

010 sx Mouschole

225 sx Total - 60/40 poz, 6% gel, 1/2 per sx Flo-seal

Herb Deines - 11:00 am - 3/09/06

RECEIVED

APR 1 9 2006

KCC WICHIE



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM VELL HISTORY - DESCRIPTION OF WELL & LE



V	VELL HISTORY - DESCRI
Operator: License #	
Name: BLACK DIAMOND OIL, INC.	
P.O. BOX 641	
City/State/Zip: HAYS, KS 67601	
Purchaser: None	
Operator Contact Person: KENNETH VEHIG	E
Phone: (785) 625-5891	
Contractor: Name: W. W. DRILLING	
License: 33575	
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, E)	xpl., Cathodic, etc)

.... Original Total Depth:

Conv. to Enhr./SWD

Completion Date or

Recompletion Date

Plug Back Total Depth

3/10/06

Re-perf.

3/10/06

Date Reached TD

Docket No..

Docket No.

Docket No.

If Workover/Re-entry: Old Well Info as follows:

Operator: ____
Well Name: _

3/10/06

Spud Date or

Recompletion Date

Original Comp. Date: _

Deepening

Plug Back

Commingled

Dual Completion

Other (SWD or Enhr.?)

WP 05 05 04 4 00	
W/2_SE_SE Sec. 21 Twp. 4 S. R. 22	East 🗹 We
710 teet from (S) N (circle one) Line	of Section
990 feet from (E) W (circle one) Line	of Section
Footages Calculated from Nearest Outside Section Corner:	
(circle one) NE SE NW SW	
Lease Name: TIEN Well #: 1	
Field Name: HANSEN NW	
Producing Formation: NONE	
Elevation: Ground: 2251 Kelly Bushing: 2257	
Total Depth: 3724 Plug Back Total Depth:	
Amount of Surface Pipe Set and Cemented at 219	
	Yes ✓N
	Fe
If Alternate II completion, cement circulated from	
feet depth tow/	
Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)	
Chloride content 3500 ppm Fluid volume 900	bbl
Dewatering method used Air Dry	
Location of fluid disposal if hauled offsite:	
Operator Name: RECFIVE	
Operator Name:	D
APR 1 0 2000	
Quarter Sec TwpS. R 3 2008 County: Docks GC WICHT	Easi [] we:
County. Dockers WillCHIT	A

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.

Operator Name: BLA	CK DIAMOND (DIL, INC.	Total and the State of the Stat	Leas	se Name:.	TIEN		Well #: _1		
Sec. 21 Twp. 4	S. R. <u>22</u>	_ Ea			nty: NOR			······································		
INSTRUCTIONS: She tested, time tool open temperature, fluid reco Electric Wireline Logs	and closed, flowing overy, and flow rate	g and shu es if gas to	ut-in pressures, o surface test, a	whether along with	shut-in pro	essure reached	static level, hyd	rostatic pressu	res, bottom hole	
Drill Stem Tests Taken (Attach Additional S	=	V	Yes No		₽ L	.og Format	ion (Top), Depth	and Datum	Sample	
Samples Sent to Geol	ogical Survey	<u> </u>	Yes 🗹 No		Nam Anh	ie ydrite		Тор 1897	Datum +361	
Cores Taken		☐ Yes 🗸 No				bner		3406	-1148	
Electric Log Run		V	Yes No		Lans	sing KC		3453	-1195	
(Submit Copy)					Base	e KC		3640	-1382	
List All E. Logs Run:					Arbı	ıckie		3709	-1451	
Neutron/Densi	ty, Dual Indu	ction								
		Rep	CASING ort all strings set-	RECORD	. —		zion, etc.			
Purpose of String	Size Hole Drilled		ize Casing et (In O.D.)		eight s./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
Surface	12 1/4	8 5/8		20#		219'	common	160	3%cc,2% gel	
	· · · · · · · · · · · · · · · · · · ·	1	ADDITIONAL	. CEMENT	TING / SQL	JEEZE RECORI)	*****	·	
Purpose: Perforate	Depth Top Bottom	Тур	e of Cement	#Sacks Used Type			Type and	e and Percent Additives		
Protect Casing Plug Back TD Plug Off Zone							 	· · · · · · · · · · · · · · · · · · ·		
	.l						#T 1/1.			
Shots Per Foot			RD - Bridge Pluç Each Interval Per		e		cture, Shot, Cemer mount and Kind of M			
								REC	SEIVED 9 2006 ICHITA	
			************					APR 1	9 2000	
								KCCM	400b	
									TCHITA	
TUBING RECORD	Size	Set At	l	Packer	At	Liner Run	Yes No		· · · · · · · · · · · · · · · · · · ·	
Date of First, Resumerd I	Production, SWD or E	inhr.	Producing Met	hod	—————————————————————————————————————					
Estimated Production	Oil	Bbls.	Gas	Mcf	Flowing			ftOth	er (Explain) Gravity	
Per 24 Hours :									Giavity	
Disposition of Gas	METHOD OF C	OMPLETIC	NC			Production Inter	val			
Vented Sold (If vented, Subn	Used on Lease nit ACO-18.)		Open Hole Other (Speci	[fy]	1. D	ually Comp.	Commingled _		· · · · · · · · · · · · · · · · · · ·	

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION



WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 7076	API No. 15 - 137-20448-00-00
Name: BLACK DIAMOND OIL, INC.	County: NORTON
Address: P.O. BOX 641	W/2_SESE Sec. 21 Twp. 4 S. R. 22 ☐ East 🗸 West
City/State/Zip: HAYS, KS 67601	710 teet from (S) N (circle one) Line of Section
Purchaser: None	990 teet from (E) W (circle one) Line of Section
Operator Contact Person: KENNETH VEHIGE	Footages Calculated from Nearest Outside Section Corner:
Phone: (_785) _625-5891	(circle one) NE SE NW SW
Contractor: Name: W. W. DRILLING	Lease Name: TIEN Well #: 1
License: 33575	Field Name: HANSEN NW
Wellsite Geologist: Tony Richardson	Producing Formation: NONE
Designate Type of Completion:	Elevation: Ground: 2251 Kelly Bushing: 2257
New Well Re-Entry Workover	Total Depth: 3724 Plug Back Total Depth:
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 219 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tosx cmt.
Well Name:	
Original Comp. Date:Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 3500 ppm Fluid volume 900 bbls
Plug BackPlug Back Total Depth	Dewatering method used Air Dry
Commingled Docket No	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name: RECENTES
	Lease Name: License No: D
3/10/06 3/10/06 3/10/06 Spud Date or Date Reached TD Completion Date or	Quarter Sec. Twp. APR St. 2006 East West
Recompletion Date Recompletion Date	county: K@@eiWiCHITA
	MICHITA
Kansas 67202, within 120 days of the spud date, recompletion, workow Information of side two of this form will be held confidential for a period of 1	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING. Submit CP-111 form with all temporarily abandoned wells.
	te 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:	KCC Office Use ONLY
Title:Date:	Letter of Confidentiality Received
Subscribed and sworn to before me this // the day of	If Denied, Yes Date:
20 06	Geologist Report Received
Notary Public: Unolary JM	UIC Distribution
Date Commission Expires: 7-18-07	VERDA M. ERIN
Date Commission Expires: /78-0/	TOTAL OLD CONTROL

Operator Name: BLAC	CK DIAMOND O	II INC.		•	e Name:_	ΠĖΝ		. Well #: 1		
				Leas	e Name:_ ty:_NOR1	ON		. vveil #:		
Sec. 21 twp. 4	S. R 22	Eas	t 🗹 West	Coun	ty:	014	· · · · · · · · · · · · · · · · · · ·			
INSTRUCTIONS: Shot tested, time tool open temperature, fluid reco Electric Wireline Logs	and closed, flowing very, and flow rate	g and shut s if gas to	t-in pressures, surface test, a	whether : long with	shut-in pre	ssure reached	static level, hydro	static pressur	es, bottom hole	
Drill Stern Tests Taken (Attach Additional S		ØY	es No		⊘ L	og Formatio	on (Top), Depth a	nd Datum	Sample	
Samples Sent to Geological Survey					Nam Anhy	e ⁄drite		Тор 1897	Datum +361	
Cores Taken		□ Y	es 🗸 No		Heel	oner		3406	-1148	
Electric Log Run		V	es No		Lans	ing KC		3453	-1195	
(Submit Copy)		,	,		Base	KC		3640	-1382	
List All E. Logs Run:					Arbu	ıckle		3709	-1451	
Neutron/Densit	y, Dual Indu	ction								
		Repo	CASING			w Used	ion, etc.			
Purpose of String	Size Hole Orilled	Siz	re Casing t (In O.D.)	W	eight s. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
Surface	12 1/4	8 5/8		20#	····	219'	common	160	3%cc,2% gel	
	<u> </u>			<u> </u>						
Purpose:	Depth	Type	ADDITIONAL of Cement		TING / SQUEEZE RECORD ks Used Type and Percent Additives					
Perforate Protect Casing	Top Bottom									
Plug Back TD Plug Off Zone					,		., , , ,			
Shots Per Foot			RD - Bridge Plug Each Interval Per		B	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				
								REC	Elven	
	——————————————————————————————————————							APR 1	0 2000	
								KCana	J 2000	
RECEIVED APR 1 9 2006 KCC WICHITA								ICHITA		
TUBING RECORD Size Set At Packer At Liner Run										
Date of First, Resumerd	Production, SWD or E	inhr.	Producing Meth	od	Flowing	Pumpin	ng Gas Líft	☐ Oth	et (Explain)	
Estimated Production Per 24 Hours	Oil	Bbis.	Gas	Mcf	Wate			as-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF C	OMPLETIC	DN .		···	Production Interv	val	- , - , 	·····	
Vented Sold (If vented, Subr	Used on Lease		Open Hole Other (Special	Pei	rf. 🔲 C	ually Comp.	Commingled			