

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 7076
 Name: Black Diamond Oil, Inc.
 Address: P.O. Box 641
 City/State/Zip: Hays, KS 67601
 Purchaser: Coffeyville Resources
 Operator Contact Person: Kenneth Vehige
 Phone: (785) 625-5891
 Contractor: Name: WW Drilling
 License: 33575
 Wellsite Geologist: Tony Richardson

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW 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>5/22/2009</u>	<u>5/28/2009</u>	<u>6/8/2009</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 065-23542-00-00
 County: Graham
 _____ E2 _____ SW _____ NE Sec. 16 Twp. 9 S. R. 21 East West
1980 feet from S (N) (circle one) Line of Section
1650 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
 (circle one) (NE) SE NW SW
 Lease Name: Boland Well #: 9

Field Name: Morel
 Producing Formation: Arbuckle
 Elevation: Ground: 2205 Kelly Bushing: 2208
 Total Depth: 3695 Plug Back Total Depth: none
 Amount of Surface Pipe Set and Cemented at 220 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 3691
 feet depth to Surface w/ 470 sx cmt.

Drilling Fluid Management Plan Alt II NGR 1-25-10
 (Data must be collected from the Reserve Pit)
 Chloride content 4200 ppm Fluid volume 160 bbls
 Dewatering method used haul free fluids & air dry
 Location of fluid disposal if hauled offsite:
 Operator Name: Black Diamond Oil
 Lease Name: Boland #3 License No.: 7076
 Quarter NE Sec. 16 Twp. 9 S. R. 21 East West
 County: Graham Docket No.: D-17396

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: 1-13-2010
 Subscribed and sworn to before me this 13th day of January,
 20 10.
 Notary Public: [Signature]
 Date Commission Expires: 5/21/2011

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

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
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Operator Name: Black Diamond Oil, Inc. Lease Name: Boland Well #: 9
 Sec. 16 Twp. 9 S. R. 21 East West County: Graham

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	1666	+542
Topeka	3146	-938
Heebner	3355	-1147
Lansing KC	3393	-1185
Base KC	3608	-1400
Arbuckle	3683	-1475

Gamma Ray Correlation, 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#	220	Common	140	2%Gel3%CC
Production	7 7/8	5 1/2	14 #	3691	SMD	470	

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		

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TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8	3680		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
6/12/2009	<input type="checkbox"/> Flowing <input checked="" 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
	20	0	80		28

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 _____

API # .15-065-23542-00-00

Operator: Black Diamond Oil, Inc. Well Name & No: Boland # 9
 Location: 1980' FNL & 1650' FEL, Section 16-9s-21w County: Graham State: Kansas
 Rig No.: 10 Contractor: WW Drilling, LLC Tool Pusher: Lonnie Lang - 785-259-3864
 Drill Collars: 14 Size: 6 1/4 x 2 1/4 Rig Phone: 785-259-4570
 Make Pump: National K-380 Liner & Stroke: 6 x 14 Spud 5/22/2009 @ 6:30 am
 Approx. TD: 3775 Elevation: 2203 G.L.: 2208 KB Hole Complete: 5/25/2009 @ 2:15 pm
 Mud Co.: Andy's Mud Mud Engineer: Kirk Werth Water: Pond

Date	05/22/09	05/23/09	05/24/09	05/25/09	05/26/09	05/27/09	05/28/09			
Days	1-spud	2-drig	3-drig	4-drig	5-dst # 2	6-LDDP	7-done			
Depth		1710	3193	3605	3689	3694	3694			
Ft. Cut		1710	1483	412	84	5				
D.T.		3-HIP	3-BT							
D.T.		8-woc	1-wpo							
C.T.				6	19.75	23.5	10			
Bit Wt.		4-6,000	35,000	38,000	38,000	38,000				
RPM		110	85	85	85	85				
Pressure		750	750	750	750	750				
SPM		60	60	56	56	56				
Mud Cost				6174	8161	9554				
Mud Wt.		9.3	8.9	9.3	9.4	9.3				
Viscosity		29	60	56	56	48				
Water Loss				8.9	8.8	9.2				
Chlorides				3000	3200	4200				
L.C.M.			5 #	6 #	3.5 #	5 #				
Dev. Sur		3/4°-221'			1°-3689'					
Fuel	2538	3793	3495	3189	3025	2854	2790			
Water-Pit	full	2.5'	3'	full	3.5'	3.5'				
ACC Bit Hrs.		8.5	3	20.5	24.5	25				
Formation	sd-sh	sd-sh	sh-lm	sh-lm	dol	dol				
Weather	clear	clear	foggy	clear	rain	pt cloudy				

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No.	Size	Type	Out	Fl.	Hrs.	Cum Hrs.	Bit Cond	Serial #	Tops
1	12 1/4	Smith	221	221	1.75	1.75	RR		
2	7 7/8	Sm-PDC	3098	2877	23	24.75	New	JY 1501	125 FPH
3	7 7/8	Sm-F-27	3694	595	25	49.5	RR	PL 3700	74.6 FPH
4									

DEPTH	SIZE	SACKS	CEMENT MATERIAL	PLUG DOWN	DRILLED OUT	REMARKS
220	8 5/8	140	Common, 3% cc, 2% gel	11:15 AM	7:15 PM	Quality-did circulate
3695	5 1/2	470	SMD	3:00 PM		Swift - did circulate

NO	INTERVAL	OPEN	SHUT	OPEN	SHUT	RECOVERY
1	3648-3689	30	30	30	30	2' oil, 3' mud
2	3386-3415	30	45	30	45	270' mw
3	3647-3694	60	60	60	60	40' co, 160' hocrn
4						
5						
6						
7						
8						
9						

Surface Casing Furnished by: Midwest Pipe: 5 joints 8 5/8, 23 #, tally 213.21', set @ 220'
 Remarks: Spud @ 6:30 am, surface strapped & welded, Trip out for hole in collar @ 1485', displaced @ 2850(750 bbls), Bit trip @ 3098, lost circulation @ 3590(150 bbls), short trip 15 stds, logged by Superior(LTD-3688), logged from 7:45-11:00pm, ran straddle, lddp, 89 joints 5 1/2", plug down @ 3:00 by Swift, rig released @ 5:00 pm -5/27/2009.

JOB LOG

SWIFT Services, Inc.

DATE: _____ PAGE NO. _____
 TICKET NO. _____

CUSTOMER		WELL NO.	LEASE	JOB TYPE		DESCRIPTION OF OPERATIONS AND MATERIALS	
HACUDA-2-2010		9	Lucas	LONG STRING			
CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS/GAL)	PUMPS		PRESSURE (PSI)	
				T	C	TUBING	CASING
							DUPLICATION
							CAT: 470 SMD 14 1/2
							100 3/4 STD. 2 1/2 STD OUT TUB 3 1/2
							5 1/2 14 1/2
	1120						START CSB FUNCTION
	1310						TAC FUNCTION - DRUG BONE
	1512						DRUG CIRC
	1510						PLUG R.P. 14 1/2
	1515	60	0	-			START AND FEEL
			12	-			14 1/2
			32	-			END
			0	-			START SMD OUT @ 14 1/2
			90.1	-			CUSTOMER
			190	-			START SMD @ 14 1/2
			250	-			END
							DRUG ED RUC
		60	0				START 14 1/2
			200				200
			400				400
			600				600
			700	-			600
			800	-			700
			850	-			800
	1110		87.5	-			14 1/2
							LAND RUC
							REGUL - DRY

CIRC CAT. TOP IT 3500 TO PIT

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JOB COMPLETE

THANK YOU!
 Dave Josa & Paul

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

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

No. 3236

Date	5-22-09	Sec.	16	Twp.	9	Range	21	County	Graham	State	Ks	On Location		Finish	11:30	
Lease	Boland			Well No.	9			Location Palco Ks S to Redlens Rd								
Contractor	WV Orlg			10			Owner W to 370 Rd N to 5 Rd 1/2 W N into To Quality Oilwell Cementing, Inc.									
Type Job	7 5/8 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 23"			Depth	220			Street								
Tbg. Size				Depth	City											
Drill Pipe				Depth	State											
Tool				Depth	The above was done to satisfaction and supervision of owner agent or contractor.											
Cement Left in Csg.				Shoe Joint	15			CEMENT								
Press Max.				Minimum	Amount Ordered 140 ex 2 1/2 gal 3 1/2 CC											
Meas Line				Displace	13			Common 140								
Perf.				Poz. Mix												
EQUIPMENT																
Pumptrk	5	No.	Cementer	Joe												
			Helper	Joe												
Bulktrk	10	No.	Driver	Joe												
			Driver	Joe												
Bulktrk	PV	No.	Driver	Tom												
			Driver	Tom												
JOB SERVICES & REMARKS																
Pumptrk Charge	Surface			Gel. 3												
Mileage	65			Calcium 3												
Footage				Mills												
				Salt												
				Flowseal												
				Handling AB												
				Mileage 08 PCL ex Pse MILE												
				Pump Truck Charge												
FLOAT EQUIPMENT																
				Guide Shoe												
				Centralizer												
				Baskets												
				AFU Inserts												
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Remarks: Run 5 1/2" 8 5/8 23" csg Max 1/2 Pump 140 ex Common 2 1/2 gal 3 1/2 CC 15" gal 1.36 ft ³ DISP 13 Bbls total Close Valve on csg Good Ccck then Job Cdec out to Pet Thanks Tom Joe Joe Signature Royce																
Please call again																
Tax																
Discount																
Total Charge																



WW DRILLING, LLC

PO Box 307 WaKeeney, KS 67672

Office: 785-743-6774 Fax: 785-743-6752

PIPE & TUBING TALLY BOOK

DATE 5-21-09 COMPANY BLACK DIAMOND OIL LEASE BOLAND WELL NO. 9

SIZE <u>5 1/2"</u>	WEIGHT <u>14#</u>	MAKE <u>MW</u>	GRADE <u>Limited Service</u>	RANGE <u>R-3</u>
THREAD <u>8.00</u>	COLLAR LENGTH	CONDITION	TRANSFER NOS.	OVERALL TALLY <input type="checkbox"/>
				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	37	21	42	17	41	42	19	61	42	17	81	42	34	101			121			141				
2	41	02	22	42	57	42	42	13	62	42	20	82	42	20	102			122			142				
3	42	19	23	42	26	43	43	60	63	38	01	83	42	00	103			123			143				
4	42	22	24	42	20	44	42	20	64	42	14	84	42	14	104			124			144				
5	42	16	25	42	19	45	42	34	65	42	41	85	42	33	105			125			145				
6	42	18	26	42	10	46	42	47	66	42	12	86	42	14	106			126			146				
7	38	63	27	42	18	47	42	83	67	42	16	87	42	21	107			127			147				
8	42	30	28	42	19	48	42	24	68	42	03	88	42	16	108			128			148				
9	42	15	29	38	83	49	43	91	69	42	17	89	22	02	109			129			149				
10	42	14	30	42	17	50	42	22	70	42	32	90	20	47	110			130			150				
11	38	20	31	42	42	51	42	32	71	42	21	91			111			131			151				
12	42	51	32	42	13	52	42	32	72	42	15	92			112			132			152				
13	42	20	33	42	22	53	42	34	73	42	13	93			113			133			153				
14	42	56	34	40	27	54	42	46	74	42	15	94			114			134			154				
15	42	23	35	42	12	55	42	23	75	40	69	95			115			135			155				
16	42	32	36	42	68	56	42	83	76	42	16	96			116			136			156				
17	40	01	37	42	16	57	42	13	77	42	43	97			117			137			157				
18	42	10	38	42	34	58	42	51	78	42	30	98			118			138			158				
19	42	14	39	41	82	59	42	19	79	37	53	99			119			139			159				
20	42	20	40	42	17	60	42	28	80	40	55	100			120			140			160				
	836	86		839	19		849	24		832	03		380	01											
															3137.33			TOTALS							

Drillers TD 3688' Loggers TD 3688'

No. Jts. Run 89 Size 5 1/2" Wt. 14# Tested _____

Cent @ 2, 4, 6, 8, 10, 41

Basket @ 1, 8, 48 D. V. Tool @ _____ Port Collar @ _____

Cemented by SWIFT SKs. Type Cement 470.5X SMD

Flush _____

Jts. To Be Left Out (1) # 49 43.91

Shoe Jt. 20.47 Pipe Set @ 3692' Off Bottom 2'

Plug Down 2:45 AM PM / / Rig Release @ _____ AM PM / /

Job by _____

Pipe Left On Location 43.91 (1) Jts. Talley 43.91 Threads On _____

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Gaschler Pulling Service, Inc.

Invoice

Kent Gaschler-Owner
P.O. Box 21, 1811 Monroe
785-650-7878
Ellis, KS 67637

Date	Invoice #
6/27/2009	384

Received _____ PO 7-21-09
 Vendor _____ CN 18978
 Acct# _____
 Lease# _____

Bill To
Black Diamond Oil, Inc. P.O. Box 641 Hays, KS 67601

Terms
Net 30

Date of Service		Description	Rate	Amount
6/3/2009	Completion	Lease: Boland, Well #9 Moved in and rigged up to tubing hole. Rigged over for tubing. Unloaded string of 2 7/8 tubing. Tallied in hole. Tagged wiper plug @ 3667'. Pulled up & shut down.	680.00	680.00T
	Extra Equip.	Thread dope, Circ rubber & circ head	240.00	240.00T
6/4/2009	Completion	Hooked up pump & swivel. Started drilling on wiper plug @ 3667. Got through wiper & insert then drilled about 21' of cement. Got on guide shoe. Drilled through shoe then about 6" of new hole. Circulated clean then racked up pump & swivel. Pulled 1 jt then swabbed down to 2700'. Shut down.	2,210.00	2,210.00T
	Extra Equip.	Oil saver rubber & swab cup	40.00	40.00T
6/5/2009	Completion	Checked overnite fillup. Fluid was @ 2500'. Had 200' of oil on top. Pulled tubing & bit then went in with 1 jt of tailpipe and packer. Set 10' off bottom. Made 2 pulls then did 2-30 minute tests. Had 200' with show of oil. Did 2-1 hour tests. Had 300' with 14% & 34% oil. Shut down.	1,785.00	1,785.00T
	Extra Equip.	Thread dope, oil saver rubber & swab cup	55.00	55.00T
6/8/2009	Completion	Checked weekend fillup. Fluid was @ 1400'. Had 700' of oil on top. Swabbed down then did 2-1 hour tests. Had 300' with 30% & 24% oil. Got orders to run in. Pulled tubing & packer then ran in for production. Landed tubing 8' off bottom. Rigged over for rods. Ran pump & rods. Spaced well out & seated pump. Rigged down and moved rig to Green A-3 and shut down.	1,955.00	1,955.00T
	Extra Equip.	Thread dope Graham County	15.00 5.55%	15.00T 387.39

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Thank you for your business.	Total	\$7,367.39
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