

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

OPERATOR: License # 7076
Name: Black Diamond Oil, Inc.
Address 1: P.O. Box 641
Address 2: _____
City: Hays State: KS Zip: 67601 + _____
Contact Person: Kenneth Vehige
Phone: (785) 625-5891
CONTRACTOR: License # 31548
Name: Discovery Drilling Co., Inc.
Wellsite Geologist: Tony Richardson
Purchaser: _____

Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover
 Oil _____ SWD _____ SIOW
_____ Gas _____ ENHR _____ SIGW
_____ CM (Coal Bed Methane) _____ Temp. Abd.
_____ 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. _____ Conv. to SWD
_____ Plug Back: _____ Plug Back Total Depth
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
7/21/2010 7/25/2010 8/12/2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 163-23,877-00-00

Spot Description: _____
E2 SW
C - 1/2 SW SE Sec. 4 Twp. 7 S. R. 20 East West
330 Feet from North / South Line of Section
2000 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Rooks
Lease Name: Weins "A" Well #: 1
Field Name: _____

Producing Formation: LKC & Arbuckle
Elevation: Ground: 2190 Kelly Bushing: 2198
Total Depth: 3720 Plug Back Total Depth: 3646
Amount of Surface Pipe Set and Cemented at: 220.78 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 3665
feet depth to: Surface w/ 420 sks (circ to cellar) sx cmt.
30 sks In Rat Hole)(No Mouse Hole)

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 600 ppm Fluid volume: 320 bbls
Dewatering method used: Evaporation
Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
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.
Signature: _____
Title: president Date: 10-7-10
Subscribed and sworn to before me this 7th day of October

20 10
Notary Public: Melissa Windholz
Date Commission Expires: 5/21/2011
STATE OF KANSAS My Appt. Exp. 5/21/2011

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
UIC Distribution
Alt 2 - Dig - 10/14/10
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Operator Name: Black Diamond Oil, Inc. Lease Name: Weins "A" Well #: 1
 Sec. 4 Twp. 7 S. R. 20 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction, Micro, Neutron/Density	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1768</td> <td>+430</td> </tr> <tr> <td>Topeka</td> <td>3178</td> <td>-980</td> </tr> <tr> <td>Heebner</td> <td>3377</td> <td>-1179</td> </tr> <tr> <td>Lansing KC</td> <td>3415</td> <td>-1215</td> </tr> <tr> <td>Arbuckle</td> <td>3686</td> <td>-1488</td> </tr> </table>	Name	Top	Datum	Anhydrite	1768	+430	Topeka	3178	-980	Heebner	3377	-1179	Lansing KC	3415	-1215	Arbuckle	3686	-1488
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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
Surface pipe	12 1/4	8 5/8	23	220.78	Common	150	2%Gel&3%CC
Production St.	7 7/8	5 1/2	15.5	3665	SMDC	420	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
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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
4	3568-72	250 gals 15% MCA + 750 gals 20% NE	
1	3499 & 3493	750 gals 15% MCA + 1500 gals 20% NE	
4	3454-58	250 gals 15% MCA	
1	3419 & 3401	750 gals 15% MCA + 1500 gals 20% NE	
4	3418-21 & 3400-03		

TUBING RECORD: Size: <u>2 3/8</u>	Set At: <u>3625</u>	Packer At: <u>None</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>8/16/2010</u>		Producing Method: <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. <u>25</u>	Gas Mcf <u>0</u>	Water Bbls. <u>30</u> Gas-Oil Ratio <u>32</u> Gravity <u>32</u>

DISPOSITION OF GAS: <input checked="" 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3400-3572</u>
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ALLIED CEMENTING CO LLC. 035091A

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

SERVICE POINT:
OAKLEY

DATE <u>7-2-10</u>	SEC <u>A</u>	TWP. <u>7S</u>	RANGE <u>20 W</u>	CALLED OUT	ON LOCATION <u>100 AM</u>	JOB START <u>3:30 PM</u>	JOB FINISH <u>4:00 PM</u>
WELLS <u>'A'</u>	WELL # <u>1</u>	LOCATION <u>LOGAN HILLS NO. 1</u>		COUNTY <u>ROCKS</u>		STATE <u>KS</u>	
LEASE			OLD OR NEW (Circle one) <u>NEW</u>				

CONTRACTOR DISCOVERED OIL & GAS OWNER SHARIE

TYPE OF JOB SURFACE

HOLE SIZE 12 1/2" T.D. 221'

CASING SIZE 8 5/8" DEPTH 221'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 13 RPL

CEMENT AMOUNT ORDERED

150 SCS COM 3000 20 25

COMMON	<u>150 SCS</u>	@	<u>13 50</u>	<u>2025 00</u>
POZMIX		@		
GEL	<u>3 SCS</u>	@	<u>20 50</u>	<u>60 25</u>
CHLORIDE	<u>5 SCS</u>	@	<u>5 50</u>	<u>257 50</u>
ASC		@		
		@		
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		@		
HANDLING	<u>158 SCS</u>	@	<u>2 25</u>	<u>355 50</u>
MILEAGE	<u>100 PER SK / MILE</u>			<u>790 00</u>
TOTAL				<u>3486 00</u>

EQUIPMENT

PUMP TRUCK CEMENTER TERRY

386 HELPER LARRY

BULK TRUCK

347 DRIVER WILLIAM

BULK TRUCK

_____ DRIVER _____

REMARKS:

THANK YOU

CHARGE TO: Black Diamond Oil, Inc.

STREET _____

CITY _____ STATE _____ ZIP _____

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]

SERVICE

DEPTH OF JOB	<u>221'</u>		
PUMP TRUCK CHARGE		@	<u>941 00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>50 MI</u>	@	<u>76 00</u>
MANIFOLD		@	
		@	
		@	
TOTAL			<u>1341 00</u>

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

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OWNER BEACON DIAMOND OIL WELL NO. 1 LEASE WIERSA JOB TYPE LONGSTRING TICKET NO. 18043

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0130							ON LOCATION
								CMT: 450 SWS SMD 1/4" FLOWLINE
								R703720, SET PIPE @ 3665, SJ 3534, TUBING 3629
								5/8 15.5" / in
								Cent 1, 2, 4, 6, 8, 10, 47 BSY 2.6, 46
								JOINTS 047 83.88
	0145							START CSB 9 FLOWLINE
	0300							PIPE @ 3665, 55 FT OFF BOTTOM, DROP BALL
	0310							BREAK CIRC. & ROTATE PIPE
	0340		7.0					PLUG RH 30, 177.15
	0345	5.5	12		✓		300	MUD FLUSH 500 GALS
			20		✓			WCL FLUSH
			0		✓			SMD CMT 325 270 SWS @ 11.2" / SWS
			125		✓			" " 100 SWS @ 12.7" / SWS
			165		✓			" " 100 SWS @ 14.0" / SWS
			192.5		✓			END CMT 465 SWS TO AZ
								DROPPED PLUG, WASHOUT PL
	0430	6.0	0		✓		300	START DISA
			40		-		450	
			60		-		550	
			70		-		750	
			75		-		800	
			80		-		850	
			85		-		905	
	0445	4.5	86.3		-		1400	LAND PLUG - CMT @ CELLAR
	0450							RELEASE - DRY DAVEASH

Doc Biel Cliff Mayfield

JOB COMPLETE

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THANK YOU!
DAVE JOSH B. LANE KCC WICHITA

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Discovery Drilling

OPERATOR: BLACK DIAMOND OIL, INC. LEASE: WIENS "A" # 1

RIG # 1 DATE: July 22, 2010

DEPTH @ 7:00 A.M. 758 PRESENT OPERATIONS: Drilling

DEPTH PREVIOUS @ 7:00 A.M. 0

PROGRESS: 758

MUD VIS. 27 WT. 9.4 W.L. N/C

DOWN TIME: 2 Hrs. REASON: Replace 10" Hammer Wing On (Mud Pump Suction)

FUEL 37" OILS 7"C 15"90wt 1"M PRO-PANE 84%

REMARKS: Bit # 2= 5 Hrs.-Ran 5 Joints New 23# 8 5/8" Casing

WATER Tank(full) Pit(1/8) DRILLING 7 1/2 Rig Up 1 3/4 Tally 210.78 Set @ 220.78'KB Cement By Allied W/150sks

CONN 2 1/2 Rat Hole 3/4 Common 2%Gel&3%CC(Did Circ) Completed @ 4:00PM 7/21/10

JET 1/4 WOC 8 SPUD 12 1/2" @ 9:15 7/21/10-Survey @ 221' (3/4)

TRIP 1 Circ. 1/2 Drilled Plug @ 12:00AM 7/22/2010

8 5/8" 2

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Discovery Drilling

OPERATOR: BLACK DIAMOND OIL, INC.

LEASE: WIENS "A" # 1

RIG # 1

DATE: July 23, 2010

DEPTH @ 7:00 A.M. 2333

PRESENT OPERATIONS: Drilling

DEPTH PREVIOUS @ 7:00 A.M. 758

PROGRESS: 1575

MUD VIS. 28

WT. 9.8

W.L. N/C

DOWN TIME: 3 1/2 Hrs.

REASON: Broken Injector Line (Mud Pump) @ 2333

FUEL 84"

OILS 16"C 15"90wt 22"M PRO-PANE 84%

WATER Tank(full) Pit(E)

REMARKS: Bit # 2= 19 1/2 Hrs.

DRILLING 14 1/2

DST Anhydrite(1767-1800)

CONN 4 1/2

OTHER _____

JET 1 1/2

Rig Ser. 3/4

TRIP _____

REPAIRS 3 1/2

Handwritten:
2198
1767
H 31

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Discovery Drilling

OPERATOR: BLACK DIAMOND OIL, INC. LEASE: WIJENS "A" # 1

RIG # 1 DATE: July 24, 2010

DEPTH @ 7:00 A.M. 3076 PRESENT OPERATIONS: Drilling

DEPTH PREVIOUS @ 7:00 A.M. 2333

PROGRESS: 743

MUD VIS. 27 WT. 9.5 W.L. N/C

DOWN TIME: None REASON: _____

FUEL 71" OILS 16"C 14"90wt 20"M PRO-PANE 84%

WATER Tank(full) Pit(1/8) REMARKS: Bit # 2= 39½ Hrs.

DRILLING 20 DST _____

CONN 1 3/4 OTHER _____

JET 1½ Rig Ser. 3/4

TRIP _____

REPAIRS _____

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Discovery Drilling

OPERATOR: BLACK DIAMOND OIL, INC. LEASE: WIENS "A" # 1
RIG # 1 DATE: July 25, 2010
DEPTH @ 7:00 A.M. 3605 PRESENT OPERATIONS: Drilling
DEPTH PREVIOUS @ 7:00 A.M. 3076
PROGRESS: 529
MUD VIS. 52 WT. 9.2 W.L. 8.0
DOWN TIME: None REASON: _____
FUEL 55" OILS 15"C 14"90wt 19"M PRO-PANE 84%
WATER Tank(full) Pit(3/4) REMARKS: Bit # 2= 59 1/2 Hrs.
DRILLING 20 DST _____ CMC=\$ 6,654.50
CONN 1 3/4 OTHER _____ Displaced Mud @ 3100'
JET 1/2 Rig Ser. 1/2 _____
TRIP _____ Circ. 1 _____
REPAIRS _____ MUD 1/2 _____

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Discovery Drilling

OPERATOR: BLACK DIAMOND OIL, INC.

LEASE: WIENS "A" # 1

RIG # 1

DATE: July 26, 2010

DEPTH @ 7:00 A.M. 3720 RTD

PRESENT OPERATIONS: Completed

DEPTH PREVIOUS @ 7:00 A.M. 3605

PROGRESS: 115

MUD VIS. _____

WT. _____

W.L. _____

DOWN TIME: _____

REASON: _____

FUEL _____

OILS _____ PRO-PANE _____

WATER _____

REMARKS: LTD=3718' By Superior-Ran 86 Joints New 15.5# 5½"

DRILLING _____

DST _____

Casing Tally 3657 Set @ 3665'KB Cement By Swift W/420

CONN _____

OTHER _____

skS SMDC(Did Circ In Cellar)(30skS In Rat Hole)(No

JET _____

Mouse Hole)(Completed @ 4:45AM 7/26/2010)(Rig Released

TRIP _____

@ 5:15AM 7/26/2010)

REPAIRS _____

RECEIVED

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