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KCC WICHITA

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

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

OPERATOR: License # 33769
Name: Black Diamond Research and Development Corp.
Address 1: 316 West 14th
Address 2: Po box 537
City: Chanute State: KS Zip: 66720
Contact Person: Jerry L. Phillips
Phone: (620) 431-4111
CONTRACTOR: License # 32079
Name: Leis Oil Services
Wellsite Geologist: none
Purchaser: Pacer Engery

Designate Type of Completion:
[X] New Well [] Re-Entry [] Workover
[X] 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 #:

Table with 3 columns: Spud Date or Recompletion Date, Date Reached TD, Completion Date or Recompletion Date. Values: 08/08/11, 08/8/2011, 08/8/11

API No. 15 - 15-001-30230-00-00
Spot Description:
SE NW NE SE Sec. 31 Twp. 26 S. R. 18 [X] East [] West
2,085 Feet from [] North [X] South Line of Section
916 Feet from [X] East [] West Line of Section

Footages Calculated from Nearest Outside Section Corner:
[] NE [] NW [] SE [] SW
County: Allen
Lease Name: Wiles Well #: NW1
Field Name: Humboldt-Chanute
Producing Formation: Bartlesville
Elevation: Ground: 1000 Kelly Bushing:
Total Depth: 834 Plug Back Total Depth: 828
Amount of Surface Pipe Set and Cemented at: 22 Feet
Multiple Stage Cementing Collar Used? [] Yes [X] No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 828
feet depth to: surface w/ 90 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 #:

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.

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.

Signature: Tiffany Bright
Title: Secretary Date: July 17 2012

KCC Office Use ONLY

[] Letter of Confidentiality Received
Date:
[] Confidential Release Date:
[X] Wireline Log Received
[] Geologist Report Received
[] UIC Distribution
ALT [] I [X] II [] IB Approved by: Dlg Date: 7/25/12

Operator Name: Black Diamond Research and Development Corp. Lease Name: Wiles Well #: NW1

Sec. 31 Twp. 26 S. R. 18 East West County: Allen

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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No

Electric Log Submitted Electronically Yes No
 (If no, Submit Copy)

Log Formation (Top), Depth and Datum Sample

Name Top Datum

List All E. Logs Run:

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CASING RECORD <input checked="" 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	10"	7	n/a	22'	Portland	10	
Casing	6 1/4"	2 7/8"	N/A	828		90	1/2 s Flow seal

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 (Amount and Kind of Material Used)	Depth
2	Per. 793"-800"	City Water, Kit Sub. 20# gelbreaker, Biocide, 75 15% HCl acid, Inhibitor, stem oil	828

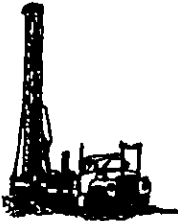
TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. Oct. 1 2011

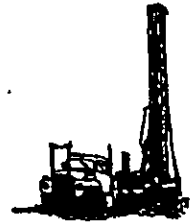
Producing Method: Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls. <u>1/2</u>	Gas Mcf <u>0</u>	Water Bbls. <u>5</u>	Gas-Oil Ratio <u>0</u>	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>793'-800'</u>
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LEIS OIL SERVICES



111 East Mary • Yates Center, Kansas 66783 • (620) 625-3676

Operator License #: 33769	API #: 15-001-30230-00-00
Operator: Black Diamond R & D Corp.	Lease: Wiles
Address: 316 W. 14 th St. Chanute, KS 66720	Well #: NW 1
Phone: (620) 431-4111	Spud Date: 08/08/11 Completed: 08/09/11
Contractor License: 32079	Location: SE-NW-NE-SE of 31-26-18E
T.D. : 834 T.D. of Pipe: 828	2085 Feet From South
Surface Pipe Size: 7" Depth: 22'	916 Feet From East
Kind of Well: Oil	County: Allen

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LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
7	Soil	0	7				
39	Lime	7	46				
25	Shale	46	71				
9	Lime	71	80				
52	Shale	80	132				
81	Lime	132	203				
8	Shale	203	211				
86	Lime	211	297				
113	Shale	297	410				
21	Lime	410	431				
9	Shale	431	440				
15	Lime	440	455				
90	Shale	455	545				
2	Lime	545	547				
5	Shale	547	552		T.D.		834
10	Lime	552	562				
3	Shale	562	565		T.D. of Pipe		828
5	Lime	565	570				
34	Shale	570	604				
16	Lime	604	620				
7	Shale	620	627				
5	Lime	627	632				
46	Shale	632	678				
2	Lime	678	680				
36	Shale	680	716				
4	Lime	716	720				
69	Shale	720	789				
6	Oil Sand	789	795				
39	Shale	795	834				



CONSOLIDATED
Oil Well Services, LLC



ENTERED

TICKET NUMBER 31478
LOCATION Eureka KS
FOREMAN Steve Men

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-10-11	9999	Wiles #1	31	26S	18E	Allen
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Black Diamond Research & Development			485	Alan M.		
MAILING ADDRESS			515	Calin		
537 P.O. Box			437	Jim		
CITY	STATE	ZIP CODE				
Chanute	KS	66720				

JOB TYPE Logstring HOLE SIZE _____ HOLE DEPTH 833' CASING SIZE & WEIGHT _____
CASING DEPTH 828' DRILL PIPE _____ TUBING 2 3/4" OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
DISPLACEMENT 4.8 bbls DISPLACEMENT PSI 400# MIX PPT Bump Plug 800# RATE _____

REMARKS: Soft Mottling! Rise up to 2 3/4" tubing. Break circulation with Fresh water. Pump 800# Gel Flush & 8 bbls water spacer. Mix 90 sk GWC w/ 1/2# Phenaseul. Shut down wash out pump lines. STUFF 2 plugs. Displace with 4.8 bbls Fresh water. Final pumping pressure 400# Bump Plug 800# Shut well in. Good cement Retention surface. 4.8 bbls Slurry top. Job Complete Rig down

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Thank you

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	975.00	975.00
5406	50	MILEAGE	4.00	200.00
1126	90 SKS	GWC Cement	17.90	1611.00
1107A	45#	Phenaseul 1/2# per/sk	1.22	54.90
1118B	200#	Gel Flush	.20	40.00
5407	4.95 Tons	Tan Mileage back Trucks	N/A	330.00
5502C	4 hrs	80 bbl Vacuum Trucks	90.00	360.00
1123	3000 gallons	CITY WATER	15.60/1000	46.80
4402	2	2 3/4" Tap Rubber Plug	28.00	56.00
		Total 3811.76		
Discount		-5% 190.59		
		3620.60		
			SubTotal	3673.20
			SALES TAX	136.50
			ESTIMATED TOTAL	3810.26

Rev 01/07

AUTHORIZATION

[Signature]

TITLE Owner

048010

DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 31478
LOCATION Eureka KS
FOREMAN Steve M...

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-10-11		Wiles #1	31	26S	18E	Allen

CUSTOMER	TRUCK #	DRIVER	TRUCK #	DRIVER
Black Diamond Research & Development	485	Alan W.		
MAILING ADDRESS	515	Colin		
537 P.O. Box	437	Jim		
CITY				
Chanute				
STATE				
KS				
ZIP CODE				
61.720				

JOB TYPE Leasing HOLE SIZE _____ HOLE DEPTH 833' CASING SIZE & WEIGHT _____
 CASING DEPTH 828' DRILL PIPE _____ TUBING 2 3/4" OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 4.8 bbl/s DISPLACEMENT PSI 400# MIX-PSI Bump 800# RATE _____

REMARKS: Job Meeting: Ris up to 2 3/4" tubing. Break circulation with Fresh water. Pump 200# G-1 Flush 1 1/2 bbls water spacer mix. 90 sk GWC w/ 1/2" Phenocel. Shut down wash out pump lines. STUFF 2 plugs. Displace with 4.8 bbls Fr. H. 6 water. Final pumping Pressure 400# Bump Plug 800# Shut well in. Good cement Retention surface. 4.8 bbls Slurry Plug.
Job Complete Rig down

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Thank you!

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	975.00	975.00
5406	50	MILEAGE	4.00	200.00
112C	90 SKS	GWC Cement	17.90	1611.00
1107A	45#	Phenocel 1/2" plug	1.23	54.90
1115B	200#	G-1 Flush	.20	40.00
5407	4.95 Tons	Tar Mileage bulk Tires	70/c	330.00
5502C	4 hrs	80 bbl Vacuum Truck	90.00	360.00
1123	3000 gallons	City Water	15.60/ton	46.80
4402	2	2 3/4" Top Rubber Plug	28.00	56.00
		Total 3811.16 (Paid check #)		
		Discount -5% 190.56		1717
		3620.60		
		SubTotal		3673.70
		SALES TAX 2.6%		137.46
		ESTIMATED TOTAL		3811.16

RAVIN 3737
 AUTHORIZATION

TITLE Owner DATE _____