

RECEIVED

JUL 23 2012

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.

API No. 15 - 001-30232-0000. Spot Description: SE SW SE SE Sec. 18 Twp. 26 S. R. 19 East West. 165 Feet from North South Line of Section. 821 Feet from East West Line of Section. Footages Calculated from Nearest Outside Section Corner: NE NW SE SW. County: Allen. Lease Name: Bruenger Well #: 4. Field Name: Humboldt-Chanute. Producing Formation: Bartlesville. Elevation: Ground: 1000 Kelly Bushing: Total Depth: 882 Plug Back Total Depth: 878. Amount of Surface Pipe Set and Cemented at: 22 Feet. Multiple Stage Cementing Collar Used? Yes No. If yes, show depth set: Feet. If Alternate II completion, cement circulated from: 878 feet depth to: surface w/ 95 sx cmt.

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 #:

8/26/2011 08/26/2011 08/26/11. Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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: [Handwritten Signature] Title: Secretary Date: July 17 2012

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: [Signature] Date: 7/25/12

Operator Name: Black Diamond Research and Development Corp. Lease Name: Bruenger Well #: 4

Sec. 18 Twp. 26 S. R. 19  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:

RECEIVED  
 JUL 23 2012

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	878		95	1/2 s Flow seal

KCC WICHITA

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
2	Perf. 838' - 848'	City Water, KI Sub, 20# gel/breaker, Biocide, 75 15% HCl acid, Inhibitor, stem oil	

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. Oct. 17 2011

Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	1/2 1 bbls	0	5 Bbls	0	

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Duality Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	<u>838' - 848'</u>

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202



**CONSOLIDATED**  
Oil Well Services, LLC



**ENTERED**

TICKET NUMBER 31551  
LOCATION Eureka Ks  
FOREMAN Steve Reed

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
8-30-11	9999	Bruenger 1	18	26	19	Allen
CUSTOMER Block Diamond Research Development Corp			TRUCK #			
MAILING ADDRESS P.O. Box 537			DRIVER			
CITY Chanute		STATE KS	ZIP CODE 66720		TRUCK #	
					DRIVER	
			485		Alan MA	
			515		Celin	
			437		Jim	

JOB TYPE Logging  HOLE SIZE \_\_\_\_\_ HOLE DEPTH 883' CASING SIZE & WEIGHT \_\_\_\_\_  
CASING DEPTH 878 DRILL PIPE \_\_\_\_\_ TUBING 2 3/4 OTHER \_\_\_\_\_  
SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING \_\_\_\_\_  
DISPLACEMENT 56bbls DISPLACEMENT PSI 400\* MIX PSI Bump Pkg 1000\* RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 2 3/4 Tubing Break circulation w/ Freshwater Pump  
200° Gel Flush + 5bbls Water spacer. Mix 95skts OWS Cement w/ 1" Pheno Seal AT 726'  
After Shutdown Washout Pump + line. Stuff 2 plugs Displace 56bbls Fresh Water  
Final Pumping Pressure 400\* Pump Pkg 1000\* Shut well in Good Cement Returns  
To Surface. Job Complete Rig down

RECEIVED

Thank You

JUL 23 2012

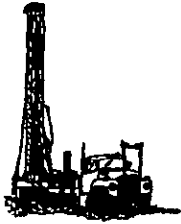
KCC WICHITA

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
1126	95skts	OWS Cement	17.96	1700.50
117A	50*	1" Pheno Seal	1.22	61.00
1318B	200*	Gel Flush	.20	40.00
5407	4.94	Ten Mileage Bulk Truck	mpk	330.00
5302C	4hrs	80bbl @ 11 vacuum Truck	90.00	360.00
1123	3000 gallons	CITY WATER	15.60/1000	46.80
4402	2	2 3/4 Top Rubber plugs	28.00	56.00
Total		3913.08		3913.08
5% Discount		- 194.10		1746*
		3718.33		
			Sub Total	3769.30
			SALES TAX	43.18
			ESTIMATED TOTAL	3913.08

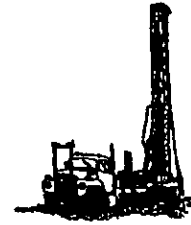
Revin 3737

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

... unless specifically amended in writing on the front of the form or in the customer's



# LEIS OIL SERVICES



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

<b>Operator License #:</b> 33769	<b>API:</b> 001-30232-0000
<b>Operator:</b> Black Diamond R & D Corp.	<b>Lease Name:</b> Bruenger
<b>Address:</b> 316 W. 14 <sup>th</sup> St. Chanute, KS 66720	<b>Well #:</b> 4
<b>Phone #:</b> (620) 431-4111	<b>Spud Date:</b> 08-26-11 <b>Completed:</b> 08-29-11
<b>Contractor License #:</b> 32079	<b>Location:</b> SE-SW-SE-SE of 18-26-19
<b>T.D.:</b> 882 <b>T.D. of Pipe:</b> 878	165 Ft from South Line
<b>Surface Pipe Size:</b> 7" <b>Depth:</b> 22'	821 Ft from West Line
<b>Kind of Well (Oil, Gas, Water, Dry)</b> Oil	<b>County:</b> Allen

## LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
4	Soil	0	4	16	Oil Sand	834	850
12	Lime	4	16	6	Black Sand	850	856
24	Broken Lime	16	40	26	Shale	856	882
10	Shale	40	50				
8	Lime	50	58				
50	Shale	58	108				
2	Lime	108	110				
7	Shale	110	117				
28	Lime	117	145				
5	Shale	145	150				
41	Sandy Lime	150	191				
11	Shale	191	202				
71	Lime	202	273				
104	Shale	273	377				
5	Lime	377	382				
36	Shale	382	418				
40	Lime	418	458				
75	Shale	458	533		T.D.		882
4	Lime	533	537		T.D. of pipe		878
3	Shale	537	540				
26	Lime	540	566				
38	Shale	566	604				
15	Lime	604	619				
10	Shale	619	629				
3	Lime	629	632				
202	Shale	632	834				

RECEIVED

JUL 23 2012

KCC WICHITA