

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

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 7076
 Name: BLACK DIAMOND OIL, INC
 Address: PO BOX 641
 City/State/Zip: HAYS KS 67601
 Purchaser: NCRA
 Operator Contact Person: KENNETH VEHIGE
 Phone: (785) 625-5891
 Contractor: Name: C.D. Anderson dba: ANDERSON DRILLING
 License: 33237
 Wellsite Geologist: _____
 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. _____
07-20-04 07-26-04
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

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API No. 15 - 163-23414-00-00
 County: ROOKS
NW SE NW SW Sec. 6 Twp. 10 S. R. 19 East West
1700 feet from (S) N (circle one) Line of Section
840 feet from E (W) (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: CHILDS Well #: A-3
 Field Name: MARCOTTE
 Producing Formation: Arbuckle
 Elevation: Ground: 2228 Kelly Bushing: 2233
 Total Depth: 3769 Plug Back Total Depth: None
 Amount of Surface Pipe Set and Cemented at 205' @ 210' w/ 160 sx COM Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 1793 Feet
 If Alternate II completion, cement circulated from 1793'
 feet depth to Surface w/ 310 sx cmt.

Drilling Fluid Management Plan *Alt II KJR 2/15/08*
 (Data must be collected from the Reserve Pit)
 Chloride content 1000 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: [Signature]
 Title: Owner Date: 12-23-2004
 Subscribed and sworn to before me this 23 day of December,
2004.
 Notary Public: Verda M. Brin Verda M. Brin
 Date Commission Expires: 7-18-2007

KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

 **VERDA M. BRIN**
 NOTARY PUBLIC
 STATE OF KANSAS
 My Appt. Exp. 7-18-07

Operator Name: **BLACK DIAMOND OIL, INC** Lease Name: **CHILDS** Well #: **A-3**
 Sec. **6** Twp. **10** S. R. **19** 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1664</td> <td>+569</td> </tr> <tr> <td>Topeka</td> <td>3226</td> <td>-993</td> </tr> <tr> <td>Heebner</td> <td>3430</td> <td>-1197</td> </tr> <tr> <td>Lansing KC</td> <td>3468</td> <td>-1235</td> </tr> <tr> <td>Arbuckle</td> <td>3756</td> <td>-1523</td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	1664	+569	Topeka	3226	-993	Heebner	3430	-1197	Lansing KC	3468	-1235	Arbuckle	3756	-1523
Name	Top	Datum																	
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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	12 1/4"	8 5/8"		210	COM	160	3% CC; 2% GEL
Production	7-7/8	5-1/2	14 #	3762	COM	165	--

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	1793, to surface	60/40	310	6% gel

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	None	

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TUBING RECORD	Size 2-7/8	Set At 3740	Packer At None	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		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. 15	Gas Mcf 0	Water Bbls. 150	Gas-Oil Ratio Gravity

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

METHOD OF COMPLETION Production Interval 3762-64

ALLIED CEMENTING CO., INC.

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

SERVICE POINT:

Russell

DATE <u>7-20-04</u>	SEC. <u>6</u>	TWP. <u>10</u>	RANGE <u>19</u>	CALLED OUT <u>4:00PM</u>	ON LOCATION <u>5:30PM</u>	JOB START <u>8:15AM</u>	JOB FINISH <u>9:10PM</u>
LEASE <u>Child's</u>		WELL # <u>A-3</u>	LOCATION <u>Zurich 3W 1/2 S 1/4 E</u>		COUNTY <u>ROOKS</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR A + A Drilling Rig #1

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 219'

CASING SIZE 2 5/8 DEPTH 218'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 13 / BBL

EQUIPMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 160 Com 3 1/2 cc 22 gal

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

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PUMP TRUCK # 366 CEMENTER Glenn
HELPER Shane

BULK TRUCK # 213 DRIVER RUFUS

BULK TRUCK # _____ DRIVER _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

REMARKS:

Cement Circulated

THANKS

CHARGE TO: BLACK DIAMOND

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE 1-8 5/8 Wooden Plug @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment
and furnish cementer and helper to assist owner or

ALLIED CEMENTING CO., INC.

17071

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

SERVICE POINT:

12

DATE <u>7-21-04</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>12:00 AM</u>	JOB START <u>6:45 AM</u>	JOB FINISH <u>7:30 AM</u>
LEASE <u>CHADS</u>	WELL # <u>A-3</u>	LOCATION <u>ZURICH 3W 12S</u>			COUNTY <u>ROOKS</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD OR NEW (Circle one)							

CONTRACTOR <u>A EA</u>	OWNER
TYPE OF JOB <u>PRODUCTION STRAIN</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>3769</u>
CASING SIZE <u>5 1/2</u>	DEPTH <u>3768</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>1500'</u>	MINIMUM
MEAS. LINE	SHOE JOINT <u>15' 20"</u>
CEMENT LEFT IN CSG. <u>15' 20"</u>	
PERFS.	
DISPLACEMENT <u>9 1/2 33L</u>	

CEMENT	
AMOUNT ORDERED <u>165 COM</u>	
<u>500 GAL WFR-2</u>	

COMMON <u>165</u>	@	<u>765</u>	<u>1262.25</u>
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@		
WFR-2 <u>500 gals</u>	@	<u>1.00</u>	<u>500.00</u>

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HANDLING <u>165</u>	@	<u>1.25</u>	<u>206.25</u>
MILEAGE <u>54/SK</u>	@	<u>1 mile</u>	<u>371.25</u>
TOTAL			<u>2339.75</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>MARK</u>
# <u>366</u>	HELPER <u>GLENN</u>
BULK TRUCK	
# <u>213</u>	DRIVER <u>CRAIG</u>
BULK TRUCK	
#	DRIVER

REMARKS:

P.L. ON IT 47
15' SK @ Z.H.
PLUG LANDED
FLOAT HELD

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE	<u>1130.00</u>		
EXTRA FOOTAGE	@		
MILEAGE <u>45</u>	@	<u>4.00</u>	<u>180.00</u>
<u>5 1/2 TRIP</u>	@		<u>50.00</u>

CHARGE TO: BLACK DIAMOND
STREET _____
CITY _____ STATE _____ ZIP _____

TOTAL 1360.00

PLUG & FLOAT EQUIPMENT

<u>5 1/2</u>			
MANIFOLD GUIDESHOE	@	<u>150.00</u>	
INSERT	@	<u>235.00</u>	
5-CENT	@	<u>40.00</u>	<u>200.00</u>
Z-BASKET	@	<u>128.00</u>	<u>256.00</u>
PORT COLLAR	@		<u>1500.00</u>

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or

