**State Corporation Commission of Kansas**
**Oil & Gas Conservation Division**
**Well Completion Form**
**ACO-1 Well History**

**Description of Well and Lease**

**Operator:** License # 7076  
Name: Black Diamond Oil, Inc.  
Address: P.O. Box 641  
City/State/Zip: Hays, KS 67601  
Purchaser:  
Operator Contact Person: Kenneth Vehige  
Phone: 785-625-5891  
Contractor Name:  
License:  
Wellsite Geologist:  

**Designate Type of Completion**  
- [X] New Well  
- [ ] Re-Entry  
- [ ] Workover  
- [ ] Oil  
- [ ] SWD  
- [ ] SIW  
- [ ] Temp. Abd.  
- [ ] Gas  
- [ ] ENHR  
- [ ] SIGW  
- [ ] Dry  
- [ ] Other (Core, MSW, Expl., Cathodic, etc)  

**If Workover/Reentry:** Old Well Info as follows:  
Operator: H&H Investments  
Well Name: Cummings #3  
Comp. Date: 8/20/96  
Old Total Depth: 4249  
Deepening: [X]  
Re-perf? [X]  
Conv to inj? [X]  
Plug Back: 2170  
BTD: D-27,92B  
Commingled: Docket No.  
Dual Completion: Docket No.  
Other (SWD or inj) Docket No.  

Spud Date:  
Date Reached TD:  
Completion Date:  

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**API NO. 15- 065-22772-0001**

**County:** Graham  

**C - S/2- NE - SW Sec. 31 Twp. 7 Rge. 24 X W**  
1650 Feet from E/W (circle one) Line of Section  
1980 Feet from E/W (circle one) Line of Section  

**Footages Calculated from Nearest Outside Section Corner:**  
NE, SE, NW or SW (circle one)  

**Lease Name:** Cummings  
Well #: 3  
Field Name: Drippings Spring  
Producing Formation: Cedar Hills SWD  

**Elevation:** Ground 2460  
KB 2465  

**Total Depth:** 4249  
PBDT 2175  

**Amount of Surface Pipe Set and Cemented at:** 209 Feet  

**Multiple Stage Cementing Collar Used?**  
Y No  

**If yes, show depth set:** 2175 Feet  

**If Alternate Well completion, cement circulated from 2175 feet depth to:** surface w/ 500 sx cmt.  

**Drilling Fluid Management Plan**  
(Date 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 No.  

**Quarter Sec. Twp. Rng. E/W**  

**County:**  
Docket No.  

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**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 on 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**  
Owner  
Date 10-29-01  
Subscribed and sworn to before me this 29th day of October, 2001  
Notary Public  
Verda M. Brin  
Date Commission Expires 7-18-2003  

**KCC, Office use only**  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Geologist Report Received  

**Distribution**  
KCC  
SWD/Rep  
NGPA  
KGS  
Plug  
Other (Specify)  

**UIC Has Loopy**

**RECEIVED**  
Form ACO-1 (7-91)  
OCT 30 2001  
10-30-01  
KCC WICHITA
Operator Name: Black Diamond Oil, Inc.
Lease Name: Cummings
Well #: 3
Sec.: 31 Twp.: 7S Rge.: 24
East
West
County: Graham

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken
☐ Yes ☑ No
(Attach Additional Sheets.)

Samples Sent to Geological Survey
☐ Yes ☑ No

Cores Taken
☐ Yes ☑ No

Electric Log Run
(Submit Copy.)
☑ Yes ☑ No

List All Logs Run:
Gamma Ray/Neutron
RA Guard

☐ Log Formation (Top), Depth and Datums
☐ Sample Name

Top
Datum
Dakota 1022
Cedar Hills 1720
Anhydrite 2168
Topeka 3512
Heebner 3716
Lansing KC 3754

CASING RECORD
☐ New ☑ Used
Report all strings set-conductor, surface, intermediate, production, etc.

<table>
<thead>
<tr>
<th>Purpose of String</th>
<th>Size Hole Drilled</th>
<th>Size Casing Set (In O.D.)</th>
<th>Weight Lbs./Ft.</th>
<th>Setting Depth</th>
<th>Type of Cement</th>
<th># Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>12 3/4</td>
<td>8-5/8</td>
<td>20#</td>
<td>209'</td>
<td></td>
<td>125</td>
<td></td>
</tr>
<tr>
<td>Production</td>
<td>7 7/8</td>
<td>5 1/2</td>
<td>N/A</td>
<td>4200'</td>
<td></td>
<td>125/500</td>
<td></td>
</tr>
</tbody>
</table>

ADDITIONAL CEMENTING/SQUEEZE RECORD

<table>
<thead>
<tr>
<th>Purpose:</th>
<th>Depth Top Bottom</th>
<th>Type of Cement</th>
<th># Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perforate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Protect Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug Back TD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug Off Zone</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

 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 | 1895-1935 | None |

TUBING RECORD

<table>
<thead>
<tr>
<th>Size</th>
<th>Set At</th>
<th>Packer At</th>
<th>Liner Run</th>
<th>Yes ☑ No</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-3/8&quot;</td>
<td>1863</td>
<td>1863</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date of First Resumed Production, SWD or Inj.: 11-7-01
Producing Method: Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours

Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: ☑ METHOD OF COMPLETION
☐ Vented ☑ Sold ☑ Used on Lease (if vented, submit ACO-18.)
☐ Open Hole ☑ Perf. ☑ Dually Comp. ☑ Commingled
☐ Other (Specify)

Production Interval
