

For KCC Use: 8-4-03  
Effective Date: \_\_\_\_\_  
District # 4  
SGA?  Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**NOTICE OF INTENT TO DRILL**

Form C-1  
December 2002  
Form must be Typed  
Form must be Signed  
All blanks must be Filled

Must be approved by KCC five (5) days prior to commencing well

Expected Spud Date August 20 2004  
month day year

70'S & 65' W of  
Spot C - SE - SE Sec. 22 Twp. 11 S. R. 19W  East  West

OPERATOR: License# 7076  
Name: BLACK DIAMOND OIL, INC.  
Address: P.O. Box 641 **RECEIVED**  
City/State/Zip: Hays, KS 67601 KANSAS CORPORATION COMMISSION  
Contact Person: Kenneth Vehige  
Phone: (785) 625-5891 **JUL 29 2004**

\_\_\_\_\_ feet from  N /  S Line of Section  
\_\_\_\_\_ feet from  E /  W Line of Section

Is SECTION  Regular  Irregular?  
(Note: Locate well on the Section Plat on reverse side)

CONTRACTOR: License# 31548 CONSERVATION DIVISION  
Name: Discovery Drilling WICHITA, KS

County: Ellis  
Lease Name: Vine Well #: 1

Field Name: Solomon

Is this a Prorated / Spaced Field?  Yes  No

Target Information(s): LKC & Arbuckle

Nearest Lease or unit boundary: 590'  
Ground Surface Elevation: 2100 EGL feet MSL

Water well within one-quarter mile:  Yes  No

Public water supply well within one mile:  Yes  No

Depth to bottom of fresh water: 180'

Depth to bottom of usable water: 720'

Surface Pipe by Alternate:  1  2

Length of Surface Pipe Planned to be set: 200' +

Length of Conductor Pipe required: None

Projected Total Depth: 3750'

Formation at Total Depth: Arbuckle

Water Source for Drilling Operations:  
 Well  Farm Pond Other \_\_\_\_\_

DWR Permit #: \_\_\_\_\_  
(Note: Apply for Permit with DWR )

Will Cores be taken?  Yes  No

If Yes, proposed zone: \_\_\_\_\_

Well Drilled For:  Oil  Gas  OWWO  Seismic; # of Holes  Other  
 Enh Rec  Storage  Disposal  Other  
Well Class:  Infield  Pool Ext.  Wildcat  Other  
Type Equipment:  Mud Rotary  Air Rotary  Cable

If OWWO: old well information as follows:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Completion Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Directional, Deviated or Horizontal wellbore?  Yes  No

If Yes, true vertical depth: \_\_\_\_\_

Bottom Hole Location: \_\_\_\_\_

KCC DKT #: \_\_\_\_\_

**AFFIDAVIT**

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.

It is agreed that the following minimum requirements will be met:

1. Notify the appropriate district office **prior** to spudding of well;
2. A copy of the approved notice of intent to drill **shall be** posted on each drilling rig;
3. The minimum amount of surface pipe as specified below **shall be set** by circulating cement to the top; in all cases surface pipe **shall be set** through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary **prior to plugging**;
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within **120 days** of spud date. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. **In all cases, NOTIFY district office** prior to any cementing.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.

Date: July 27, 2004 Signature of Operator or Agent: [Signature] Title: Agent

**For KCC Use ONLY**  
API # 15 - 051-253380000  
Conductor pipe required NONE feet  
Minimum surface pipe required 200 feet per Alt. + (2)  
Approved by: RSP 7-30-04  
This authorization expires: 1-30-05  
(This authorization void if drilling not started within 6 months of effective date.)  
Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

**Remember to:**

- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed;
- Obtain written approval before disposing or injecting salt water.
- If this permit has expired (See: authorized expiration date) please check the box below and return to the address below.

Well Not Drilled - Permit Expired  
Signature of Operator or Agent: \_\_\_\_\_  
Date: \_\_\_\_\_

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

22  
11  
1911

**IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW**

*Plat of acreage attributable to a well in a prorated or spaced field*

**If the intended well is in a prorated or spaced field, please fully complete this side of the form.** If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells and within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

API No. 15 - \_\_\_\_\_  
 Operator: BLACK DIAMOND OIL, INC.  
 Lease: Vine  
 Well Number: 1  
 Field: \_\_\_\_\_  
 Number of Acres attributable to well: \_\_\_\_\_  
 QTR / QTR / QTR of acreage: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Location of Well: County: Ellis  
 \_\_\_\_\_  
590 feet from  N /  S Line of Section  
725 feet from  E /  W Line of Section  
 Sec. 22 Twp. 11 S. R. 19W  East  West

Is Section:  Regular or  Irregular

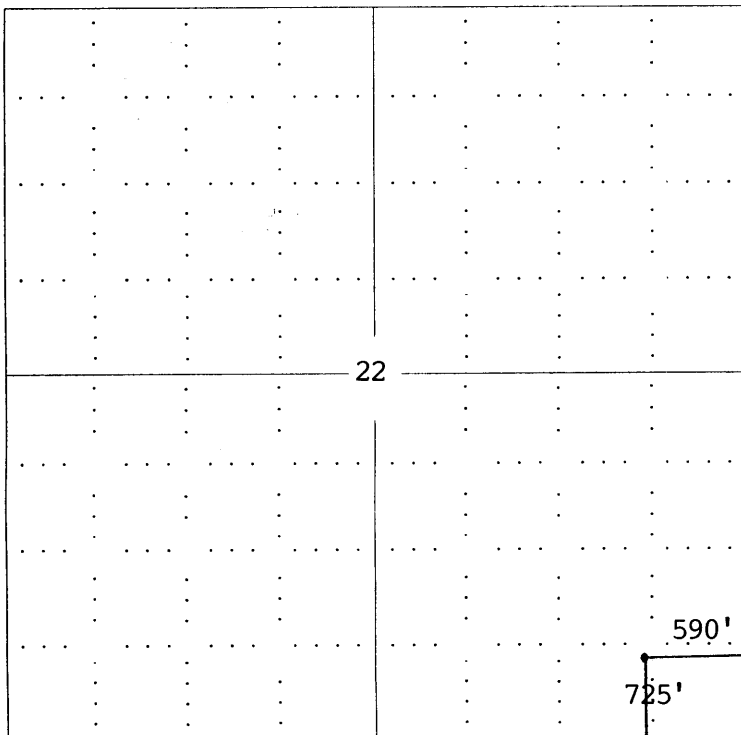
**If Section is Irregular, locate well from nearest corner boundary.**

Section corner used:  NE  NW  SE  SW

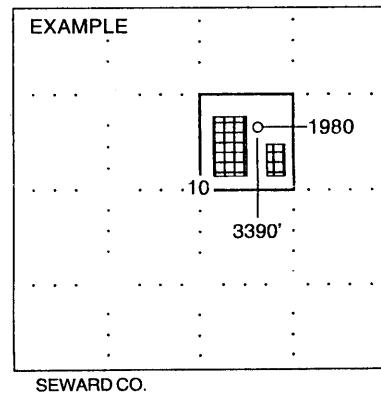
**PLAT**

*(Show location of the well and shade attributable acreage for prorated or spaced wells.)*

*(Show footage to the nearest lease or unit boundary line.)*



RECEIVED  
 KANSAS CORPORATION COMMISSION  
 JUL 29 2004  
 CONSERVATION DIVISION  
 WICHITA, KS



**NOTE: In all cases locate the spot of the proposed drilling locaton.**

Ellis Co., KS

**In plotting the proposed location of the well, you must show:**

1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
2. The distance of the proposed drilling location from the section's south / north and east / west.
3. The distance to the nearest lease or unit boundary line.
4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (CO-7 for oil wells; CG-8 for gas wells).

# KANSAS

CORPORATION COMMISSION

KATHLEEN SEBELIUS, GOVERNOR  
BRIAN J. MOLINE, CHAIR  
ROBERT E. KREHBIEL, COMMISSIONER  
MICHAEL C. MOFFET, COMMISSIONER

July 29, 2004

Mr. Kenneth Vehige  
Black Diamond Oil, Inc.  
PO Box 641  
Hays, KS 67601

RE: Drilling Pit Application  
Vine Lease Well No. 1  
SE/4 Sec. 22-11S-19W  
Ellis County, Kansas

Dear Mr. Vehige:

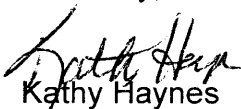
District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed **without slots**, the bottom shall be flat and reasonably level, and the free fluids must be removed. The fluids are to be removed from the reserve pit as soon as practical after drilling operations have ceased.

**If production casing is set all completion fluids shall be removed on a daily basis.**

The fluids should be taken to an authorized disposal well. Please call the District Office at (785) 625-0550 when the fluids have been removed. Also, please file the enclosed CDP-5 form, Surface Pond Waste Transfer, within 30 days of fluid removal.

**A copy of this letter should be posted in the doghouse along with the approved Intent to Drill.** If you have any questions or concerns please feel free to contact the undersigned at the above address.

Sincerely,



Kathy Haynes

Environmental Protection and Remediation Department

cc: H Deines