NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencement.

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

RECEIVED
MAR 31 2004
KCC WICHITA

For KCC Use:
Effective Date:
District #
SGA? Yes ☑ No

Expected Spud Date: April 23, 2004

OPERATOR:
License#: 8729
Name: HERTEL OIL COMPANY, LLC
Address: 704 East 12th Street
City/State/Zip: Hays, KS 67601
Contact Person: David Hertel
Phone: (785) 628-2445

CONTRACTOR:
License#: 31548
Name: Discovery Drilling

Well Drilled For: X Oil
Well Class: X Infield
Type Equipment: X Mud Rotary

Gas
Enh Rec
Storage
Pool Ext.
GW
Disposal
Wildcat
Cable
Seismic
# of Holes
Other

If OWWO: old well information as follows:
Operator:
Well Name:
Original Completion Date:
Original Total Depth:

Directional, Deviated or Horizontal borewell?
Yes ☑ No
If Yes, true vertical depth:

Bottom Hole Location:
KCC DKT #:

Spot
10'N & 50°E of
CE/2 NW SE
Sec. 8
Twp. 14
S.R. 17
X East

1900 feet from N Line of Section
1600 feet from X E Line of Section
Is SECTION X Regular ☑ Irregular
(Note: Locate well on the Section Plat on reverse side)

County: Ellis
Lease Name: Hoffman
Well #: 2-8
Field Name: Younger
Is this a Prorated / Shared Field?
☐ Yes ☑ No
Target Information(s): LKC & Arkuckle
Public water supply well within one mile:
X Yes ☑ No
Water well within one-quarter mile:
X Yes ☑ No

Ground Surface Elevation: 2000 BGL
feet MSL
Water well depth to bottom of fresh water:
180'
Depth to bottom of usable water:
640'
Surface Pipe by Alternate:
☐ 1 ☐ 2
Length of Surface Pipe Planned to be set:
200' +
Length of Conductor Pipe required:
☐ None

Projected Total Depth:
3600'
Formation at Total Depth:
Arkelucke
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:

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 maximum 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 outer #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: 27 March 2004
Signature of Operator or Agent: [Signature]
Title: [Title]

Remember to:
- File Drill Pit Application (form CD-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
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 - HERTEL OIL COMPANY, LLC
Operator: Hoffman
Lease: Younger
Well Number: 2-8
Field:

Number of Acres attributable to well: _______________________
QTR / QTR / QTR of acreage: _______________________

Location of Well: County: Ellis
1990 feet from S Line of Section
1600 feet from W Line of Section
Sec. 8 Twp. 14 S. R. 17 East [X] West

Is Section: [X] 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.)

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

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).