Expected Spud Date: June 20, 1994

Operator: License #: 5131
Name: Thunderbird Drilling, Inc.
Address: P.O. Box 782907
City/State/Zip: Wichita, KS 67209
Contact Person: Burke B. Kreuger
Phone: 316-685-1441

Contractor: License #: 30684
Name: Abercrombie RTD, Inc.

Well Drilled For: Oil
Well Class: Enh Rec
Type Equipment: Infield Mud Rotary

If OWWG, old well information as follows:
Operator:
Well Name:
Comp. Date:
Old Total Depth:

Directional, Deviated or Horizontal wellbore? Yes X, no
If yes, true vertical depth:
Bottom Hole Location:

Affidavit

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

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

1. Notify the appropriate district office prior to spudding 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 of all casing. 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 cemented;
6. If an alternate II completion, production pipe shall be cemented from below any usable water to surface within 120 days of spud date. 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: 5-19-94
Signature of Operator or Agent: John Doe
Title: Vice President

For KCC Use:
API #: 153-20801-00-00
Conductor pipe required: None
Minimum surface pipe required: 200' feet per Alt. X

This authorization expires: 11-20-94
(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 contribution 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.

Mail to: Conservation Division, 200 Colorado Derby Building, 202 W. First St., Wichita, Kansas 67202-1286.
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 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
LEASE
WELL NUMBER
FIELD

LOCATION OF WELL: COUNTY

feet from south/north line of section
feet from east/west line of section
SECTION TWP RG

NUMBER OF ACRES ATTRIBUTABLE TO WELL
QTR/QTR/QTR OF ACREAGE

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.)

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 lines; and
3) the distance to the nearest lease or unit boundary line.