

CARD MUST BE TYPED

State of Kansas
NOTICE OF INTENTION TO DRILL
(see rules on reverse side)

CARD MUST BE SIGNED

Starting Date: 2 15 85
month day year

API Number 15- 165-21,288-0000

OPERATOR: License # 5131
Name ..Thunderbird Drilling, Inc.....
Address ...P.O. Box 18407.....
City/State/Zip ..Wichita, Kansas 67218.....
Contact Person ..Burke Krueger.....
Phone ..(316) 685-1441.....

..... NW .. SE .. NW Sec 33 .. Twp 18 .. S, Rge 17 ..
(location) East West

..... 3630 Ft North from Southeast Corner of Section
..... 3630 Ft West from Southeast Corner of Section
(Note: Locate well on Section Plat on reverse side)

CONTRACTOR: License # 5131
Name ..Thunderbird Drilling, Inc.....
City/State ..Wichita, Kansas 67218.....

Nearest lease or unit boundary line 330 feet.
County ..Rush.....
Lease Name ..SERPAN..... Well# ..1.....

Well Drilled For: Well Class: Type Equipment:
 Oil Swd Infield Mud Rotary
 Gas Inj Pool Ext. Air Rotary
 OWWO Expl Wildcat Cable

Domestic well within 330 feet : yes no
Municipal well within one mile : yes no

If OWWO: old well info as follows:
Operator
Well Name
Comp Date Old Total Depth
Projected Total Depth 3800 feet
Projected Formation at TD ..Arbuckle.....
Expected Producing Formations ..LKC-Arb.....

Depth to Bottom of fresh water 280 feet
Lowest usable water formation Dakota.....
Depth to Bottom of usable water 600 feet
Surface pipe by Alternate : 1 2
Surface pipe to be set 1100 feet
Conductor pipe if any required ..None..... feet
Ground surface elevation 2008 feet MSL
This Authorization Expires 7-31-85.....
Approved By 1-31-85

I certify that we will comply with K.S.A. 55-101, et seq., plus eventually plugging hole to K.C.C. specifications.

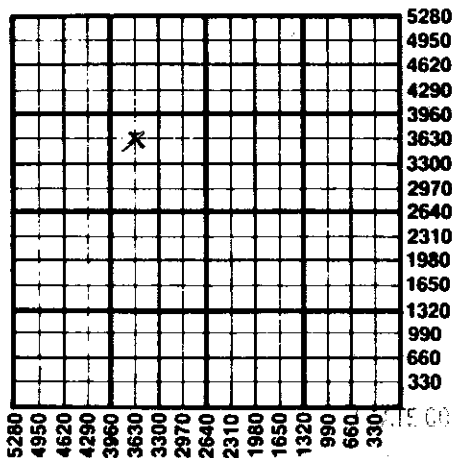
Date ..1/30/85..... Signature of Operator or Agent

..... Title ..Land Mgr.....
MHC/LUOHE 1-31-85
Form C-1 4/84

Must be filed with the K.C.C. five (5) days prior to commencing well
This card void if drilling not started within six (6) months of date received by K.C.C.

Important procedures to follow:

A Regular Section of Land
1 Mile = 5,280 Ft.



1. Notify District office before setting surface casing.
2. Set surface casing by circulating cement to the top.
3. File completion forms ACO-1 with K.C.C. within 90 days of well completion, following instructions on ACO-1, side 1, and including copies of wireline logs.
4. Notify District office 48 hours prior to old well workover or re-entry.
5. Prior to plugging, prepare a plugging plan, then obtain agreement from the appropriate district office for an approved plugging plan.
6. Submit plugging report (CP-4) to K.C.C. after plugging is completed.
7. Obtain an approved injection docket number before disposing of salt water.
8. Notify K.C.C. within 10 days when injection commences or terminates.
9. If an alternate 2 completion, cement in the production pipe from below any usable water to surface within 120 days of spud date.

RECEIVED
STATE CORPORATION COMMISSION

1-31-85
JAN 31 1985

CONSERVATION DIVISION
Wichita, Kansas

State Corporation Commission of Kansas
Conservation Division
200 Colorado Derby Building
Wichita, Kansas 67202
(316) 263-3238