

CARD MUST BE TYPED

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

CARD MUST BE SIGNED

Starting Date:9.....7.....84.....
month day year

API Number 15- 051-24,016-00-00

OPERATOR: License #5533.....
NameArrowhead Petroleum Inc.....
AddressP.O. Box 8287 Munger Station.....
City/State/ZipWichita KS 67208.....
Contact Person Tim Sanders.....
Phone316.681.3921.....

NE. SW. SW. Sec 21. Twp 14. S, Rge 18. East
(location) West
.990..... Ft North from Southeast Corner of Section
.4290..... Ft West from Southeast Corner of Section
(Note: Locate well on Section Plat on reverse side)

CONTRACTOR: License #5381.....
NameBig Springs Drilling, Inc.....
City/StateSame as above.....

Nearest lease or unit boundary line ...330..... feet.
CountyEllis.....
Lease NamePfannenstiel..... Well# 1.....
Domestic well within 330 feet : yes no
Municipal well within one mile : yes no

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

Depth to Bottom of fresh water ...250..... feet
Lowest usable water formation ...Dakota Sandstone.....
Depth to Bottom of usable water ...650..... feet
Surface pipe by Alternate : 1 2
Surface pipe to be set200/270..... feet
Conductor pipe if any required feet
Ground surface elevation feet MSL
This Authorization Expires3-2-85.....
Approved By8-30-84.....

If OWWO: old well info as follows:
Operator
Well Name
Comp Date Old Total Depth
Projected Total Depth3750..... feet
Projected Formation at TDArbuckle.....
Expected Producing Formations

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

Date8/30/84 Signature of Operator or Agent Roger Rollins Title As. Agent.....

MHC/JOHE 8/30/84 Form C-1 4/84

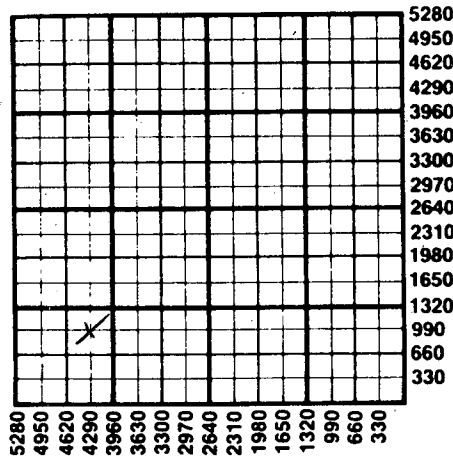
Must be filed with the K.C.C. five (5) days prior to commencing well
 This card void if drilling not started within six (6) months of date received by K.C.C.

RECEIVED
 STATE CORPORATION COMMISSION
 11-30-84
 AUG 30 1964

Important procedures to follow:

CONSERVATION DIVISION
 Wichita, Kansas

**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.

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