

CARD MUST BE TYPED

State of Kansas

CARD MUST BE SIGNED

NOTICE OF INTENTION TO DRILL

(see rules on reverse side)

Starting Date December 10, 1987
month day year

API Number 15-137-20,367-00-00

✓
DFA

OPERATOR: License # 5533
Name Arrowhead Petroleum, Inc.
Address P.O. Box 8287, Munger Station
City/State/Zip Wichita, Kansas 67208
Contact Person Todd Seymour
Phone 681-3921

Approx. NE NE NE. Sec. 22. Twp. 5 S, Rg. 21. X West
... 4850 Ft. from South Line of Section
... 470 Ft. from East Line of Section

(Note: Locate well on Section Plat on reverse side)

CONTRACTOR: License # 5381
Name Big Springs Drilling, Inc.
City/State Wichita, Kansas 67208

Nearest lease or unit boundary line 330! feet
County Norton
Lease Name Kemper Well # 1
Ground surface elevation 2142 feet MSL

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
Depth to bottom of fresh water 180
Depth to bottom of usable water 1000

If OWWO: old well info as follows:

Operator
Well Name
Comp Date Old Total Depth

Surface pipe by Alternate: 1 2
Surface pipe planned to be set 8.5/8 @ .200!
Conductor pipe required N/A
Projected Total Depth 3650 feet
Formation Regan Sand

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

Date Signature of Operator or Agent *Todd Seymour* Title *Geologist*

For KCC Use:

Conductor Pipe Required feet; Minimum Surface Pipe Required 200 feet per Alt. 2

This Authorization Expires *5-20-88* Approved By *Pat 11-20-87*

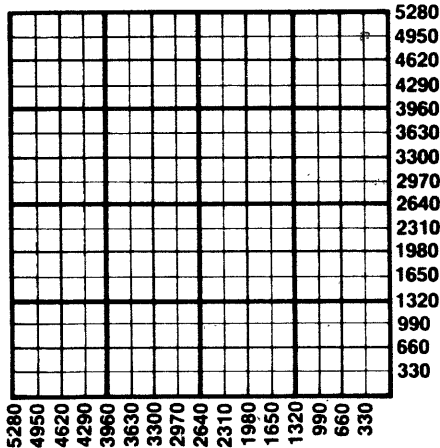
EFFECTIVE DATE: 12-5-87

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:

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 filing Intent, prepare a proposed plugging plan in case well is D & A, then obtain approval of plan when calling district office prior to setting surface pipe.
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.

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



RECEIVED
 STATE CORPORATION COMMISSION

NOV 30 1987

Conservation Division
 State Corporation Commission of Kansas
 Wichita, Kansas

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

4850 FSL
 470 FSL
 11-30-87