

CARD MUST BE TYPED

State of Kansas

CARD MUST BE SIGNED

NOTICE OF INTENTION TO DRILL

(see rules on reverse side)

Starting Date January 13, 1986
month day year

API Number 15— 179-20,857-00-00

OPERATOR: License # 5533
Name Arrowhead Petroleum, Inc.
Address P. O. Box 8287 - Munger Station
City/State/Zip Wichita, Kansas 67208
Contact Person William Todd Seymour
Phone (316) 681-3921

NE. NE. NE. Sec. 1 Twp 9S S, Rg. 28W. East
4950' West
330' Ft. from South Line of Section
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 Sheridan
Lease Name Herl Well # 1

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

Ground surface elevation N/A feet MSL
Domestic well within 330 feet: ___yes no
Municipal well within one mile: ___yes no
Surface pipe by Alternate: 1 ___ 2
Depth to bottom of fresh water 200' feet
Depth to bottom of usable water 1700' feet
Surface pipe planned to be set 8.5/8" @ 260' feet
Projected Total Depth 3950' feet
Formation Base Kansas City

If OWWO: old well info as follows:
Operator
Well Name
Comp Date Old Total Depth

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

_____ cementing will be done immediately upon setting production casing.

Date 1-8-86 Signature of Operator or Agent William Todd Seymour Title _____

PCA/KOPE
Geologist

For KCC Use:

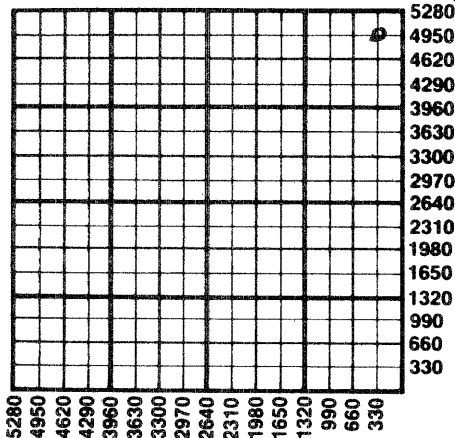
Conductor Pipe Required feet; Minimum Surface Pipe Required feet per Alt 1 2

This Authorization Expires 2-8-86 Approved By 18-86

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.



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STATE CORPORATION COMMISSION
JAN 8 1986
CONSERVATION DIVISION
01-08-1986

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.

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

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Terry Austin

NOTICE OF INTENTION TO DRILL

(see rules on reverse side)

Water supply well drilled
API Number 15- *179-20,857-00-00*

Starting Date *January 13, 1986*
month day year

OPERATOR: License # *5533*
Name *Arrowhead Petroleum, Inc.*
Address *P. O. Box 8287 - Munger Station*
City/State/Zip *Wichita, Kansas 67208*
Contact Person *William Todd Seymour*
Phone *(316) 681-3921*

NE. NE. NE. Sec. *1* Twp. *9S* S, Rg. *28W* East
4950' Ft. from South Line of Section
330' 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 *Sheridan*
Lease Name *Herl* Well # *1*
Ground surface elevation *N/A* feet MSL
Domestic well within 330 feet: yes no
Municipal well within one mile: yes no
Surface pipe by Alternate: 1 2
Depth to bottom of fresh water *200'*
Depth to bottom of usable water *1700'*
Surface pipe planned to be set *8 5/8" @ 260'*
Projected Total Depth *3950'* feet
Formation *Base Kansas City*

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

If OWWO: old well info as follows:

Operator
Well Name
Comp Date Old Total Depth

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

REAR/KDHE
cementing will be done immediately upon setting production casing.
Date *1-8-86* Signature of Operator or Agent *Terry Austin* Title *Geologist*

For KCC Use:
Conductor Pipe Required *2886* feet; Minimum Surface Pipe Required *1886* feet per Alt. *1*
This Authorization Expires *2-8-86* Approved By *1-8-86*

Terry Austin

285' w/160M @ 600PS

2659
1575

only 2290-2323

\$084
\$384

Spot - 20M @ 2320'
100M @ 2350'
40M @ 300'

680 @ 40 690 @ 10M @

T.D. - 2450

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KCC - KDHE
JAN 13 1986
JOINT DIST #6
HAYS, KS

10 in W. Well.

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STATE CORPORATION COMMISSION
JAN 27 1986
CONSERVATION DIVISION
Wichita, Kansas