

NOTICE OF INTENTION TO DRILL

(see rules on reverse side)

Starting Date 01/10/87
month day year

API Number 15- 163-22, 910-00-00
Irregular section 990' FWL
150' S. E. / 2 NW ^{SW} Sec. 25. Twp 10 S, Rg. 19 X West
1830 Ft. from South Line of Section
4140 Ft. from East Line of Section

OPERATOR: License # 5533
Name Arrowhead Petroleum, Inc.
Address P.O. Box 8287, Munger Station
City/State/Zip Wichita, Kansas 67216
Contact Person Todd Seymour
Phone 316-681-3921

(Note: Locate well on Section Plat on reverse side)
Nearest lease or unit boundary line 990' feet
County Rooks
Lease Name Dauwe Well # 4

CONTRACTOR: License # 5381
Name Big Springs Drilling, Inc.
City/State P.O. Box 8287, Munger Station

Ground surface elevation 2017 feet MSL
Domestic well within 330 feet: yes X no
Municipal well within one mile: yes X no

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

Depth to bottom of fresh water 70'
Depth to bottom of usable water 750' 850'
Surface pipe by Alternate: 1 2 X

If OWWO: old well info as follows:

Surface pipe planned to be set 8.5/8 @ 220'
Conductor pipe required NA
Projected Total Depth 3560 feet
Formation Arbuckle

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
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. 4 2
This Authorization Expires 7-8-87 Approved By 1-8-87

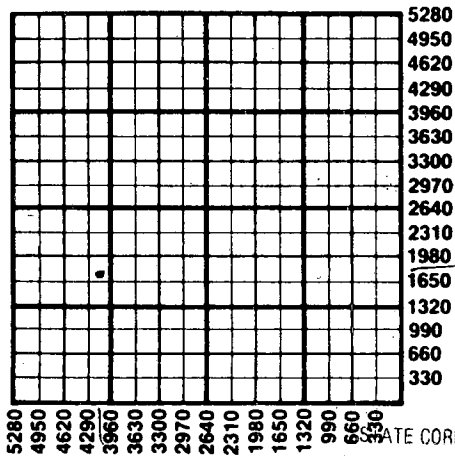
Handwritten signature and initials at bottom right.

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.



JAN 8 1987
 01-08-1987
 CONSERVATION DIVISION
 Wichita, Kansas

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

CARD MUST BE TYPED

State of Kansas

CARD MUST BE SIGNED

NOTICE OF INTENTION TO DRILL

(see rules on reverse side)

Starting Date 01/10/87 month day year

API Number 15-163-22,910-00-00 Irregular section 990' FWL 150' S. E. 1/2 NW SW Sec. 25. Twp. 10 S, Rg. 19 X West 1830 Ft. from South Line of Section 4140 Ft. from East Line of Section

OPERATOR: License # 5533 Name Arrowhead Petroleum, Inc. Address P.O. Box 8287, Munger Station City/State/Zip Wichita, Kansas 67216 Contact Person Todd Seymour Phone 316-681-3921

(Note: Locate well on Section Plat on reverse side) Nearest lease or unit boundary line 990' feet County Rooks Lease Name Dauwe Well # 4 Ground surface elevation 2017 feet MSL Domestic well within 330 feet: yes X no Municipal well within one mile: yes X no Depth to bottom of fresh water 70' Depth to bottom of usable water 750' 850' Surface pipe by Alternate: 1 2 X Surface pipe planned to be set 8.5/8 @ 220' Conductor pipe required NA Projected Total Depth 3560 feet Formation Arbuckle

CONTRACTOR: License # 5381 #142 Name Big Springs Drilling, Inc. City/State P.O. Box 8287, Munger Station

Well Drilled For: Well Class: Type Equipment: X Oil SWD X Infield X 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 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. 4(2) This Authorization Expires 7-8-87 Approved By 1-8-87 Pump mt Post/KCC of Creek

Terry Austin Big Springs 1-16-86

Spud - Jan 17, 87 AM

150' E 1/2 NW SW Sec. 25. Twp. 10 S, Rg. 19 East West

IRREGULAR SECTION 990' FWL

PLUGGING PROPOSAL IF ABOVE IS D & A

This plugging proposal will be reviewed and approved or revised at the time the district office is called prior to setting surface casing (call 7 a.m. to 5 p.m. workdays).

1st plug @ 3480' only 1338+1368 8 3/8 232' 2117 1350 2117 25 SX 2nd plug @ feet depth with B. Dakota 100 SX 3rd plug @ 270' 40 SX 4th plug @ 40' 10 SX 5th plug @ feet depth with Arbuckle if 15 SX (2) Rathole with 15 sxs Pentrated (b) Mousehole with sxs

Tomorrow PM 1-23-87

60/40poz 6% 3% w/c

NOTE: Agreement between operator and district office on plug placement and the amount of cement to be used is necessary prior to plugging. In Addition: Call district office after well is either plugged or production casing is cemented in. (Call 7 a.m. to 5 p.m. workdays) B JTITAN

District office use only: API #15-163-22,910 Surface casing of feet set with sxs at hours, 19 Alternate 1 or 2 surface pipe was used. Alternate 2 cementing was completed @ ft. depth with sxs on 19 Hole plugged 19, agent

Comp 11:15 AM 1-23-86 Form C-1 12/85 STATE CORPORATION COMMISSION 01-30-1987 JAN 30 1987