

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
200 Colorado Derby Building  
Wichita, Kansas 67202

WELL PLUGGING RECORD  
K.A.R.-82-3-117

#4

API NUMBER 15-065-22,578-00-00

LEASE NAME Denning

WELL NUMBER 1

3630 Ft. from S Section Line

1650 Ft. from E Section Line

SEC. 20 TWP. 9 RGE. 22 (E or W)

COUNTY Graham

Date Well Completed 5-30-90

Plugging Commenced 5-30-90

Plugging Completed 5-30-90

TYPE OR PRINT  
NOTICE: Fill out completely  
and return to Cons. Div.  
office within 30 days.

LEASE OPERATOR Arrowhead Petroleum, Inc.

ADDRESS P.O. Box 8287 - Munger Station Wichita, KS 67208

PHONE#( 316 681-3921 OPERATORS LICENSE NO. 5533

Character of Well D&A

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on 5-29-90 (date)

by David Wann (KCC District Agent's Name).

Is ACO-1 filed? to be filed  
by operator If not, is well log attached? yes

Producing Formation \_\_\_\_\_ Depth to Top \_\_\_\_\_ Bottom \_\_\_\_\_ T.D. 3840'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS | CASING RECORD

Formation	Content	From	To	Size	Put in	Pulled out

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_ feet to \_\_\_ feet each set.

Bottom Plug: @ 1910' w/25 sacks cement thru drill pipe

Next Plug: @ 1100' w/100 " " " " " 15 sacks in Rat Hole

Next Plug: @ 310' w/40 " " " " "

Top Plug: @ 40' w/10 " " " " "

(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Duke Drilling Co., Inc. License No. 5929

Address P.O. Box 823 Great Bend, KS 67530

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Arrowhead Petroleum, Inc.

STATE OF Kansas COUNTY OF Barton, ss.

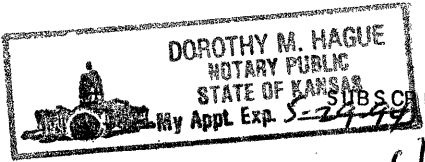
Jay Schneider (Employee of Operator) or XXXXXXXXXX of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) [Signature]

(Address) P.O. Box 823 Great Bend, KS 67530

SUBSCRIBED AND SWORN TO before me this 1st day of June, 19 90

Dorothy M. Hogue  
Notary Public



My Commission Expires: 5-29-94

15-065-22578-00-00

DRILLER'S WELL LOG

DATE COMMENCED: May 23, 1990  
DATE COMPLETED: May 30, 1990

Arrowhead Petroleum, Inc.  
DENNING #1  
NE SW NE  
Sec. 20, T9S, R22W  
Graham County, Ks.

ELEVATION: 2364 K.B.

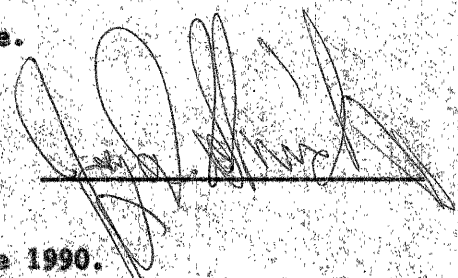
0 - 445' Surface Soil, Sand, Shale  
445 - 1907' Lime & Shale  
1907 - 1941' Anhydrite  
1941 - 2650' Shale & Lime  
2650 - 3690' Lime & Shale  
3690 - 3840' Lime  
3840' RTD

Surface Pipe: Set new  
8-5/8", 20# pipe @265'  
w/150 sacks 60/40pozmix  
2% gel 3% cc.

A F F I D A V I T

STATE OF KANSAS  
COUNTY OF BARTON) ss

Jay Schneider of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.



Subscribed and sworn to before me this 1st day of June 1990.

Dorothy M. Hague  
Notary Public

