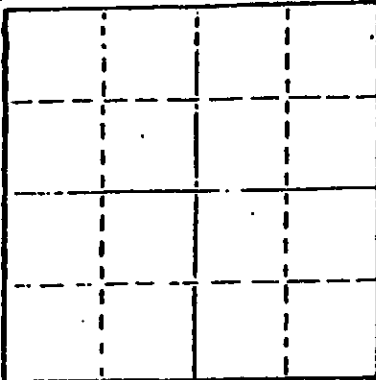


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

Locate well correctly on above
Section Plot

Ellis County. Sec. 35 Twp. 14s Rge. 18W E/W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines
NW NW NE
Lease Owner Arrowhead Petroleum, Inc.
Lease Name E. J. Ruder Well No. 1
Office Address Box 8287, Munger Station, Wichita, KS 67208
Character of Well (Completed as Oil, Gas or Dry Hole)

Dry Hole

Date Well completed 6-3-80 19
Application for plugging filed 6-3-80 19
Application for plugging approved 6-3-80 19
Plugging commenced 6-3-80 19
Plugging completed 6-3-80 19
Reason for abandonment of well or producing formation

Dry Hole

If a producing well is abandoned, date of last production
N/A 19

Was permission obtained from the Conservation Division or
its agents before plugging was commenced? yes

Name of Conservation Agent who supervised plugging of this well Leo F. Massey
Producing formation Depth to top Bottom Total Depth of Well 3650
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
Sand				8 5/8	217'	

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 hold. If cement or other
plugs were used, state the character of same and depth placed, from feet to
feet for each plug set.

680' 60 sx
210' 30 sx
40' 10 sx
RH 5 sx

50 - 50 PAZ 6% gel

06-09-80

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

Name of Plugging Contractor Service Company

STATE OF Kansas COUNTY OF Sedgwick, ss.
Paul A. Seymour, Jr. (employee of owner) or (owner or operator)
of the 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 and that the same are true and correct. So help me God.

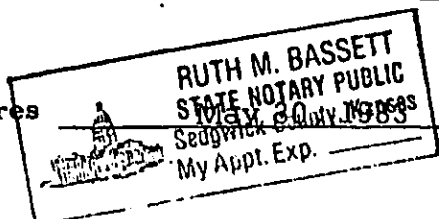
(Signature)

Box 8287, Munger Station, Wichita, KS 67208

(Address)

SUBSCRIBED AND SWORN TO before me this 5th day of June, 19 80

My commission expires



Ruth M. Bassett

Notary Public.

15-051-21985-00-00

BIG SPRINGS DRILLING, INC.

P.O. BOX 8287
MUNGER STATION
WICHITA, KANSAS 67208

SUITE 29 • 400 NORTH WOODLAWN • (316) 681-1732

June 5, 1980

DRILLERS LOG

Re: E. J. Ruder # 1
NW NW NE
Sec. 35- Twp 14s- Rq 18W
Ellis County, Kansas

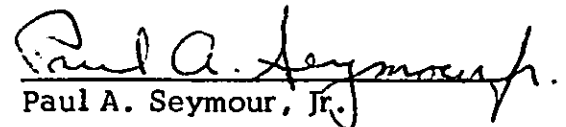
OPERATOR: Arrowhead Petroleum, Inc.
CONTRACTOR: Big Springs Drilling, Inc.
COMMENCED: 5-28-80
COMPLETED: 6-3-80

Surface Pipe: Set 217' of 8 5/8 w/150 sx Common 2% gel 3% ccl

0	217	Clay, Sand, & Shale
217	1228	Shale
1228	1270	Anhydrite
1270	2360	Shale and Shells
2360	2995	Shale
2995	3265	Shale and Lime
3265	3650	Lime
3650		RTD

We certify that the above and foregoing is a true and correct copy of the log on the # 1 E. J. Ruder located in Ellis County, Kansas.

BIG SPRINGS DRILLING, INC.

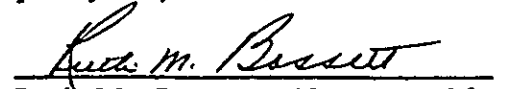

Paul A. Seymour, Jr.

Subscribed and sworn to before me this 5th day of June, 1980.

My Commission Expires

RUTH M. BASSETT
STATE NOTARY PUBLIC
My Appt. Exp. _____

May 30, 1983


Ruth M. Bassett Notary Public