

WICHITA BRANCH

KANSAS DRILLERS LOG

S. 25 T. 10 R. 19 <sup>N</sup>W

API No. 15 — 163 — 20,838  
County Number

Loc. SE SW NW

County Rooks

Operator Arrowhead Petroleum, Inc.

Address P. O. Box 8287, Munger Station Wichita, Kansas 67208

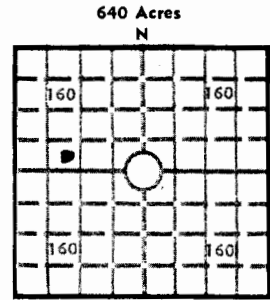
Well No. #1 Lease Name Steeples

Footage Location 2,310 feet from (N) line 1,140 feet from (W) line

Principal Contractor BIG SPRINGS Geologist R.B. GEHHAUT JR.

Spud Date 9-15-78 Total Depth 3530 P.B.T.D.

Date Completed 9-22-78 Oil Purchaser NA



Locate well correctly  
Elev.: Gr. 2,094  
DF 2,098 KB 2,101

CASING RECORD

Report of all strings set—surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
SURFACE DRY HOLE	12 1/4	8 5/8		221		140	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator **Arrowhead Petro. Inc.** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. **#1** Lease Name **STEEPLES** **Dry Hole**

S. 25 T. 15 R. 19 E. W.

**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Anhydrite	1,415			
Base Anhy	1,476			
Topeka	3,043			
Queen H. II	3,197			
Heebner	3,262			
Toronto	3,284			
Lansing	3,306			
Base K.C.	3,521			
TA	3,530			

DST #1 3063-3080  
 30-45-60-45  
 IFP 51-59  
 ISIP 845  
 FFP 66-73  
 FSIP 801  
 REC. 75' OC mdy wtr

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

*W. Shuttles*  
 Signature  
 Vice-Pres  
 Title  
 July 11, 1979  
 Date

08TEL

*Duplicate*

15-143-20838

*Q*

# BIG SPRINGS DRILLING, INC.

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

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

**25-10-19W**

September 26, 1978

## DRILLERS LOG

Re: Arrowhead Petroleum, Inc.  
Steples No. 1  
SE SW NW  
Sec. 25 - Twp 10s - Rq 19W  
Rook County, Kansas

OPERATOR: Arrowhead Petroleum, Inc.  
CONTRACTOR: Big Springs Drilling, Inc.  
COMMENCED: 9-15-78  
COMPLETED: 9-22-78

Surface Pipe: 221' of 8 5/8" w/150sx Common 2% gel 3% ccl

RECEIVED  
STATE CORPORATION COMMISSION

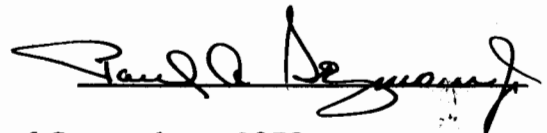
SEP 27 1978

CONSERVATION DIVISION  
Wichita, Kansas

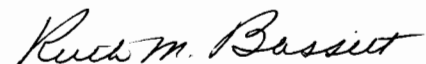
0	221	Sand and Shale
221	889	Clay and Shale
889	1415	Sand and Shale
1415	1476	Anhydrite
1476	1900	Shale and Shells
1900	2318	Shale
2318	3277	Lime and Shale
3277	3530	Lime
3530		RTD

We certify that the above and foregoing is a true and correct copy of the log on the # 1 Steples located in Rook County, Kansas.

BIG SPRINGS DRILLING, INC.



Subscribed and sworn to before me this 26th day of September, 1978.

  
Ruth M. Bassett Notary Public

My Commission Expires:

May 30, 1979