

AFFIDAVIT AND COMPLETION FORM

ACO-1

This form must be filed in triplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within five days after the completion of the well, regardless of how the well was completed. Circle one: (Oil) gas, dry, SWD, OWWO, injection. Please type. Complete ALL sections. Applications must be filed for dual completion, commingling, salt water disposal and injection. Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.) KCC#-(316) 263-3238.

OPERATOR Arrowhead Petroleum, Inc. API NO. 15 - 069 - 20,125 0000  
 ADDRESS P. O. Box 8287 - Munger Station COUNTY Gray  
Wichita, Kansas 67208 FIELD unknown  
 \*\*CONTACT PERSON Paul A. Seymour, III LEASE Wendel "A"

PHONE 681-3921  
 PURCHASER Koch Oil Company WELL NO. #1  
 ADDRESS P. O. Box 2256 WELL LOCATION C NW/4 NW/4  
Wichita, Kansas 67201 Ft. from \_\_\_\_\_ Line and  
 \_\_\_\_\_ Ft. from \_\_\_\_\_ Line of

DRILLING CONTRACTOR Big Springs Drilling, Inc. the SEC. 9 TWP. 24S RGE. 29W

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

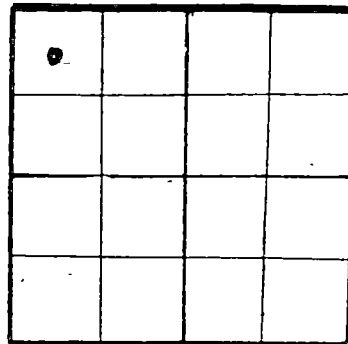
PLUGGING CONTRACTOR N/A

ADDRESS \_\_\_\_\_  
 TOTAL DEPTH 4900' PBTD \_\_\_\_\_

SPUD DATE 7-28-81 DATE COMPLETED 8-7-81

ELEV: GR 2771 DF \_\_\_\_\_ KB \_\_\_\_\_

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS  
 Report of all strings set — surface, intermediate, production, etc. (New) (Used) casing.



WELL PLAT  
 (Quarter) or (Full) Section - Please indicate.

KCC \_\_\_\_\_  
 KGS \_\_\_\_\_

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	12 1/4"	8 5/8"	20#	405'	Common	300 SX-	2% gel 3% cc1
Production	7 7/8"	4 1/2"	10 1/2#	4880'			

LINER RECORD			PERFORATION RECORD		
Top, ft	Bottom, ft.	Sacks cement	Shots per ft	Size & type	Depth interval
			2 shots	DP Jets	4742-4746
Size	Setting depth	Packer set at...			
2 3/8	4878				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD	
Amount and kind of material used	
500 gals	7 1/2% De-mud acid
Frac w/6000#	20-40 sand 2000# 10-20 sand
106 bbls gel water &	282,000 SCF nitrogen

RECEIVED STATE CORPORATION COMMISSION  
 Depth interval treated 4742-4746  
 AUG 6 1983  
 CONSERVATION DIVISION  
 Wichita, Kansas

TEST DATE: \_\_\_\_\_ PRODUCTION \_\_\_\_\_

Date of first production <u>August 1981</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>	A.P.I. Gravity
RATE OF PRODUCTION PER 24 HOURS	Oil <u>10</u> bbls	Gas <u>NW</u> bbls
Disposition of gas (vented, used on lease or sold)	MCF _____	Gas-oil ratio _____ CFPB _____
	Producing interval(s)	

\*\* The person who can be reached by phone regarding any questions concerning this information.  
 A witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

Name of lowest fresh water producing stratum Sand Depth 400'  
 Estimated height of cement behind pipe Circulated

**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
			<u>Log Tops</u>	
<u>Drillers Log</u>			Anhydrite	1896'
Mailed: Dec. 10, 1981			Herington	2676'
			Krider	2715'
			Winfield	2755'
DST #1 4315 - 4330			Towanda	2790'
30-30-30-60			Ft. Riley	2850'
			Florence	2885'
Rec1 584 S GC SW			Base Florence	2908'
			Heebner	4006'
IF 79 - 147			Toronto	4027'
FF 161 - 264			Lansing	4058'
ISIP 1270			Stark	4368'
FSIP 1299			Base of K.C.	4493'
			Marmaton	4510'
DST #2 4710 - 4750			Pawnee	4596'
30-45-60-75			Ft. Scott	4623'
			Upper Cherokee	4636'
Rec. 650' Gas			Lower Cherokee	4664'
60' FO			Morrow Sand	4740'
60' HGOCM			St. Genevieve	4760'
			St. Louis	4760'
IF 16 - 31			Total Depth	4898'
FF 47 - 63				
ISIP 951				
FSIP 1140				

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

**A F F I D A V I T**

STATE OF Kansas, COUNTY OF Sedgwick SS,

Paul A. Seymour, III OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH, DEPOSES AND SAYS:

THAT HE IS FOR DiArrowhead Petroleum, Inc. OPERATOR OF THE Wendel "A" LEASE, AND IS DULY AUTHORIZED TO MAKE THIS AFFIDAVIT FOR AND ON BEHALF OF SAID OPERATOR, THAT WELL NO. #1 ON SAID LEASE HAS BEEN COMPLETED AS OF THE 7th DAY OF August 19 81, AND THAT ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

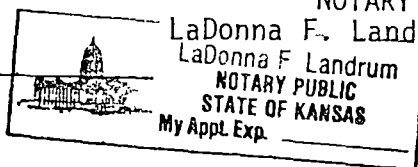
FURTHER AFFIANT SAITH NOT.

(s) Paul A. Seymour, III  
 Paul A. Seymour, III

SUBSCRIBED AND SWORN TO BEFORE ME THIS 10th DAY OF December 19 81

LaDonna F. Landrum  
 NOTARY PUBLIC

MY COMMISSION EXPIRES: August 18, 1984



# BIG SPRINGS DRILLING, INC.

P O BOX 8287  
MUNGER STATION  
WICHITA, KANSAS 67208

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

August 19, 1981

## DRILLERS LOG

Re: Wendel "A" - #1  
C NW NW  
Sec. 9 Twp 24S Rg 29W  
Gray County, Kansas


OPERATOR: Arrowhead Petroleum, Inc.  
CONTRACTOR: Big Springs Drilling, Inc.  
COMMENCED: July 28, 1981  
COMPLETED: August 7, 1981

SURFACE PIPE: 405' of 8 5/8" w/300 SX Common 2% gel 3% cc1

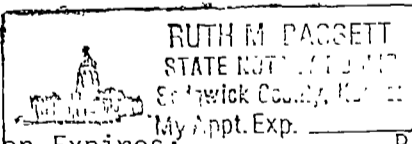
0	410'	Sand & Surface Clay
410'	1675'	Shale & Sand
1675'	1863'	Shale
1863'	1897'	Anhydrite
1897'	3925'	Shale
3925'	4748'	Shale & Lime
4748'	4750'	Lime, Shale & Sand
4750'	4900'	Shale & Lime
4900'		RTD

We certify that the above and foregoing is a true and correct copy of the log on the Wendel "A"-1 located in Gray County, Kansas.

Big Springs Drilling, Inc.

  
Paul A. Seymour, Jr.  
President

Subscribed and sworn to before me this 19th day of August, 1981.

  
My Commission Expires \_\_\_\_\_  
Ruth M. Bassett

May 30, 1983

RECEIVED  
STATE CORPORATION COMMISSION  
AUG 08 1983  
MUNGER STATION  
WICHITA, KANSAS

STATE OF KANSAS  
STATE CORPORATION COMMISSION - CONSERVATION DIVISION

FORM C-2

243 North Water  
Wichita, Kansas 67202

API Number 15- 069 - 20,125

DATA AND AFFIDAVIT

(On Cementing in Surface or Drive Pipe and required by Rule 82-2-123 of the Commission for compliance with Section 55-136, 55-137 and 55-138, 1947 Supplement to G. S. Kansas 1935)

LEASE OWNER Arrowhead Petroleum, Inc.

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

LEASE NAME Wendel "A" - WELL NO. #1 COUNTY Gray

EXACT SPOT LOCATION C NW/4 NW/4 SEC. 9 TWP. 24S RGE. 29W (E)

CONTRACTOR Big Springs Drilling, Inc.

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

Drilled with (Cable) or (Rotary) tools: \_\_\_\_\_ Date pipe set July 28, 1981

SURFACE HOLE DATA

SURFACE PIPE DATA

Size of Hole 12 1/4" Csg. (new) or (used) Size 8 5/8" wt. 20#

Depth 405' Where set 405'

METHOD OF CEMENTING

Cement: Amount and kind 300 SX Common 2 % gel 3 % ccl

Method: (By Service Co., Dump, Tog., etc.) Service Company

Est. Height Cement behind pipe Circulated

GROUND WATER INFORMATION

Depth to bottom of lowest fresh water producing stratum 400'

Name of lowest fresh water producing stratum Sand

Surface elevation of well 2771 gr.

ADDITIONAL INFORMATION

(Additional information may be submitted on separate sheet)

A F F I D A V I T

STATE OF Kansas, COUNTY OF Sedgwick SS,

I, Paul A. Seymour, Jr., of the Big Springs Drilling, Inc. Company, being first duly sworn on oath, state: That I have knowledge of the facts, statements and matters herein contained and that the same are true and correct.

Paul A. Seymour, Jr.  
Paul A. Seymour, Jr.

Subscribed and sworn to before me on this 19th day of August 1981

My Commission Expires: \_\_\_\_\_

Ruth M. Bassett  
Ruth M. Bassett  
Notary Public  
Sedgwick Co. Kansas  
My Appt Exp \_\_\_\_\_

May 30, 1983

RECEIVED  
STATE CORPORATION COMMISSION

1160 R 1983

CONSERVATION DIVISION  
Wichita, Kansas