

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # .....5533.....  
Name .....Arrowhead Petroleum, Inc.  
Address ..P.O. Box 8287, Munger Station  
.....Wichita, Kansas 67208.....  
City/State/Zip .....

Purchaser.....

Operator Contact Person ....Wm. Todd Seymour  
Phone .....316-681-1732.....

Contractor: License # .....5381.....  
Name ..Big Springs Drilling, Inc.

Wellsite Geologist.....Wm. Todd Seymour..  
Phone....316-681-1732.....

Designate Type of Completion  
 New Well       Re-Entry       Workover  
  
 Oil                       SWD                       Temp Abd  
 Gas                       Inj                       Delayed Comp.  
 Dry                       Other (Coro, Water Supply etc.)

If ONWO: old well info as follows:  
Operator .....,  
Well Name .....,  
Comp. Date ....., Old Total Depth.....

WELL HISTORY

Drilling Method:  
 Mud Rotary     Air Rotary     Cable  
  
..1/17/87.....    ..1/23/87.....    ..1/23/87.....  
Spud Date              Date Reached TD      Completion Date  
  
..3470.....  
Total Depth              PBTD  
  
Amount of Surface Pipe Set and Cemented at...232  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated  
from.....feet depth to...232...w/...1900 cmt  
Cement Company Name .....Allied.....  
Invoice # .....

API NO. 15-...163+22,910-00-00.....

County.....ROOKS.....  
150's  
C.E./2.NW.SW. Sec.25. Twp.10. Rge. 19.  East  
 West

1830' ..... Ft North from Southeast Corner of Section  
4140' ..... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

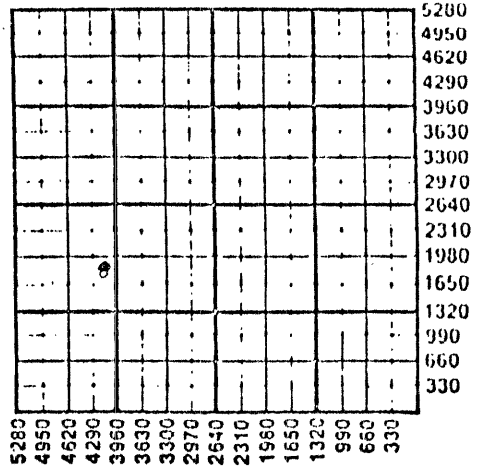
Lease Name...Dawbe.....Well #.....4

Field Name.....

Producing Formation...None.....

Elevation: Ground...2017.....KB...2022.....

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:       Disposal  
Docket # .....                       Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #.....

Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
Sec    Twp    Rge     East     West

Surface Water...1980' Ft North from Southeast Corner  
(Stream, pond etc) 4140' Ft West from Southeast Corner  
Sec 25 Twp 10 Rge 19 East  West

Other (explain).....  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Dorby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.  
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.  
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature .....*Wm. Todd Seymour*.....

Title.....Geologist..... Date.....1/27/87.....

Subscribed and sworn to before me this 27th day of January, 1987

Notary Public.....*Ruth M. Bassett*.....  
Ruth M. Bassett

Date Commission Expires.....May 30, 1987.....

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Time Log Received  
Distribution  
 KCC       SWD/Rop       NGPA  
 KGS       Plug               Other  
(Specify)

Sec 25 Twp 10 Rge 19 W

FEB 3 1987  
02-03-1987  
CONSERVATION DIVISION  
Wichita, Kansas

RUTH M. BASSETT  
State of Kansas  
My Appt Exp 5/30/87

SIDE TWO

Operator Name Arrowhead Petroleum, Inc. Lease Name Dauwe Well # 4

Soc. 25 Twp. 25 S. Rgo. 19 East West County Rocks

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken [x] Yes [ ] No
Samples Sent to Geological Survey [ ] Yes [x] No
Cores Taken [ ] Yes [x] No

Formation Description [x] Log [ ] Sample

Table with 3 columns: Name, Top, Bottom. Rows include Topeka, Heebner, Toronto, Lansing, BKC, LTD with corresponding depth values.

- #1. 2973-2998 30-45-30-45, ICIP543, FCIP 506, IFP 38-38, FFP38-38 REC:5' Free Oil 45' Oil Spotted Mud.
#2. 3180-3236 30-45-30-60 ICIP 840, FCIP 244, IFP38-38, FFP 38-38 REC. 15' Oil Spoted Mud.
#3. 3293-3314 30-45-45-60 ICIP 356, FCIP 318, IFP, 19-19 FFP 19-19 REC:25' Oil Spotted Mud.

CASING RECORD [ ] New [ ] Used Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: Purpose of String, Size Hole Drilled, Size Casing Set (In O.D.), Weight Lbs/Ft., Setting Depth, Type of Cement, #Sacks Used, Type and Percent Additives. Row 1: Surface, 12.1/4, 8.5/8, 20#, 232', 60-40 Poz, 190, 2% Gel 3% cc

PERFORATION RECORD

Table with 3 columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

TUBING RECORD

Size Set At Packer at Liner Run [ ] Yes [ ] No

Date of First Production Producing Method [ ] Flowing [ ] Pumping [ ] Gas Lift [ ] Other (explain)

Table with 5 columns: Oil, Gas, Water, Gas-Oil Ratio, Gravity. Row 1: Estimated Production Per 24 Hours, Bbls, MCF, Bbls, CFBB

METHOD OF COMPLETION

Disposition of gas: [ ] Vented [ ] Sold [ ] Used on Lease [ ] Open Hole [ ] Perforat [ ] Other (Specify) [ ] Dually Completed

Production Interval FEB 3 1987 CONSERVATION DIVISION Wichita, Kansas