

Corrected Copy - 7-14-86 SIDE ONE

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
City/State/Zip Wichita, Kansas 67208

Purchaser
Operator Contact Person Wm. Todd Seymour
Phone (316) 681-3921

Contractor License # 5381
Name Big Springs Drilling, Inc.
Wellsite Geologist Wm. Todd Seymour
Phone (316) 3921

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Cora, Water Supply etc.)
If CWNO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
3-11-86 3-21-86 3-21-86
Spud Date Date Reached TD Completion Date
4740'
Total Depth PBD
Amount of Surface Pipe Set and Cemented at 326' foot
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set foot
If alternate 2 completion, cement circulated from foot depth to w/ SX cement
Cement Company Name Halliburton
Invoice #

API No. 15-00, - 22,127-0000
County Barber
S/2 S/2 NW 16 30S 14W East West

2970 Ft North from Southeast Corner of Section
3960 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

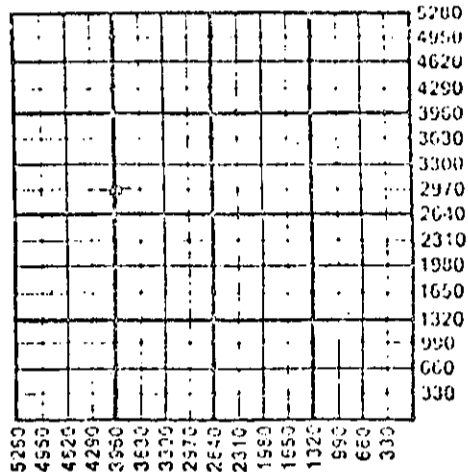
Lease Name Stannard Well # 1

Field Name

Producing Formation

Elevation: Ground 1951' 1957'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Reprocessing
Docket #

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit # T-86-129

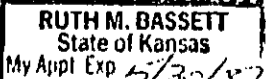
Groundwater 2970 Ft North from Southeast Corner
(Well) 3960 Ft West from Southeast Corner of
Sec 16 Twp 30S Rge 14W East West
 Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West
 Other (explain)
(purchased from city, R.W.D. #)

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 Paul A. Seymour, III
Title Paul A. Seymour, III - Vice-President Date 4-2-86

Subscribed and sworn to before me this 2nd day of April 1986
Notary Public Ruth M. Bassett
Date Commission Expires May 30, 1987



RECEIVED

JUN 21 1986
6-21-86

ACO CONSERVATION DIVISION
Wichita, Kansas

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SWD/Rop NCPA
 KCS Plug Other
(Specify)

Operator Name Arrowhead Petroleum, Inc. Lease Name Stannard Well # 1
 Soc. 16 Twp. 30S Rgo. 14W East West County Barber

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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 4500 - 4578 (VIOLA)
 60 - 60 - 60 - 90
 Rec. 70' M
 SIP 155-155#, FP 77 - 87 / 87-87#
 DST #2 4619 - 4640 (SIMP SD)
 30 - 60 - 60 - 90
 Rec. 90' Oil SPKD M, 60' W
 SIP 1345-1345#, FP 39-48 / 48-77#

| Name | Top | Bottom |
|--------------|-------|--------|
| Stotler | 3172' | |
| Tarkio | 3227' | |
| Bern | 3278' | |
| Howard | 3354' | |
| Topeka | 3470' | |
| Heebner | 3854' | |
| Toronto | 3874' | |
| Douglas | 3906' | |
| Brown Lime | 3999' | |
| Lansing | 4026' | |
| Viola | 4542' | |
| Simpson Sand | 4587' | |
| Arbuckle | 4700' | |
| RTD | 4740' | |

CASING RECORD Now Used

Report all strings set-conductor, surface, intermediate, production, etc.

| 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 |
|-------------------|-------------------|---------------------------|----------------|---------------|----------------|-------------|----------------------------|
| Surface | 12 1/4" | 8 5/8" | 20# | 326' | 60-40 POZ | 250 | 2% gel 4%cc1 |

PERFORATION RECORD

| 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).....

| Estimated Production Per 24 Hours | Oil | Gas | Water | Gas-Oil Ratio | Gravity |
|-----------------------------------|------|-----|-------|---------------|---------|
| | Bbls | MCF | Bbls | CFPU | |

METHOD OF COMPLETION

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify).....
 Dually Completed Conningled