

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) 681-3921

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
1-17-85 1-28-85
Spud Date Date Reached TD Completion Date
4640'
Total Depth PBDT
Amount of Surface Pipe Set and Cemented at 471' feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from 0 feet depth to 471 w/ 300 SX cmt

API NO. 15-101 - 21,114 - 0000
County Lane
NE NE NE Soc. 6 Twp. 17S Rge. 29W West

4800 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

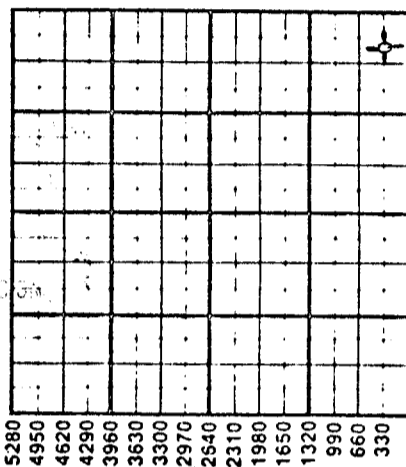
Lease Name Dirreen Well # 1

Field Name.....

Producing Formation.....

Elevation: Ground 2822' KB 2827'

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: Water Well
Division of Water Resources Permit # T - 85-53
 Groundwater 4620 Ft North from Southeast Corner
(Well) 280 Ft West from Southeast Corner of
Sec 6 Twp 17S Rge 29W 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 Derby 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 C. Seymour III
Title Vice-President Date 2-1-85



Subscribed and sworn to before me this 1st day of February 1985
Notary Public 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 Timelog Received
Distribution
 KCC SWD/Rop NGIPA
 KCS Plug Other (Specify)

Sec. 17wp. 17wp. 29W

Operator Name Arrowhead Petroleum, Inc. Lease Name Dirreen Well # 1

Sec. 6 Twp. 17S Rge. 29W East West County Lane

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 4102' - 4135'
 30" - 30" - 30" - 30"
 Blow: weak died 15" - 2nd N.B.
 IFP: 35 - 35 Rec: 25' mud no
 IBHP: 210 show of oil
 FFP: 35 - 35 CHLORIDES 3,000
 FBHP: 175

Name	Top	Bottom
Heebner	3918'	
Toronto	3939'	
Lansing	3956'	
Stark SH	4214'	
Base K.C.	4298'	
Myric Station	4446'	
Fort Scott	4466'	
Mississippian	4564'	
RTD	4637'	

DST #2 4167' - 4191'
 30" - 60" - 45" - 75"
 Blow: fair decreasing to weak
 2nd - weak steady blow
 IFP: 105 - 105 Chlorides 3,000
 IBHP: 1180 Rec: 15' mud
 FFP: 128 - 151 240' muddy wtr w/slt.
 FBHP: 1100 show of oil

DST #4 4243' - 4255'
 30" - 60" - 45" - 75"
 Blow: weak steady - 2nd - weak steady
 IFP: 35 - 46 FFP: 58 - 81
 IBHP: 963 FBHP: 963
 Rec: 200' sulfur wtr.
 Chlorides: 2,000

DST #3 4198' - 4230'
 30" - 60" - 45" - 75"
 Blow: weak steady, 2nd - weak steady
 IFP: 46 - 58 FFP: 93 - 151
 IBHP: 963 FBHP: 963 Rec: 140' Salt wtr., 120' mud no show of oil

Chlorides: 3,000 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"	23#	471'	60-40POZ	300SX	2% gel 3%cc1

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(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	CFPB	

METHOD OF COMPLETION Production Interval

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