

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 Box 8287 - Mungler Station  
City/State/Zip Wichita, Kansas 67208

Purchaser.....

Operator Contact Person Timothy J. Sanders  
Phone (316) 681-3921

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

Wellsite Geologist 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  
6-11-85 6-18-85 6-18-85  
Spud Date Date Reached TD Completion Date  
4280'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 357' feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated  
from.....feet depth to.....w/.....SX cmt

API NO. 15- 145 - 21,202 - 0000

County Pawnee

SW SW NE 11 21S Rge 19W  East  
..... Soc..... Twp..... Rge.....  West

2970  
2310 Ft North from Southeast Corner of Section  
..... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Mezger Well # 1

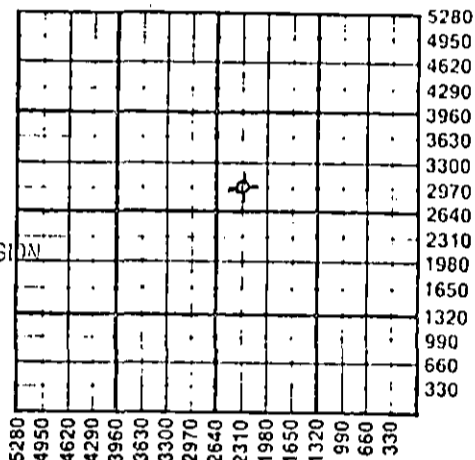
Field Name.....

Producing Formation.....

Elevation: Ground 2127 2133 KB.  
Section Plat

6-28-85

RECEIVED  
STATE CORPORATION COMMISSION  
JUN 28 1985  
CONSERVATION DIVISION  
Wichita, Kansas



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 85-540  
 Groundwater 3020 Ft North from Southeast Corner  
(Well) 2360 Ft West from Southeast Corner of  
Sec 11 Twp 21S Rge 19W  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 A. Seymour III  
Title Vice-President Date 6-26-85

Subscribed and sworn to before me this 26th day of June 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 Time Log Received  
Distribution  
 KCC  SWD/Rop  NGPA  
 KGS  Plug  Other  
(Specify)

Sec 11 Twp 21S Rge 19W

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

Sec. 11 Twp. 21S Rge. 19W  East  West County Pawnee

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all coros. 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 - 4202' - 4220'  
 15" - 30" (no second opening)  
 Weak blow - increasing to strong on bottom of bucket  
 IHP: 2160 IFP: 18 - 152  
 FHP: 2160 ICIP: 1228  
 Rec: 310' of slightly muddy salt water

Name	Top	Bottom
Heebner shale	3654'	
Toronto	3679'	
Lansing - KC	3719'	
Base KC	4104'	
Cherokee	4183'	
Penn Basal Congl.	4214'	
Mississippian	4267'	
Total Depth	4280'	

CASING RECORD <input checked="" type="checkbox"/> Now <input type="checkbox"/> 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#	357'	60-40POZ	200SX	2% gel 3% ccl
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				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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 .....