

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 (Core, 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
3-11-86 3-21-86 3-21-86
Spud Date Date Reached TD Completion Date
4740'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 326' feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to SX' cmt
Cement Company Name Halliburton
Invoice #

API NO. 15-007 - 22,127 - 0000
County Barber
S/2 S/2 NW 16 30S 14W West

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

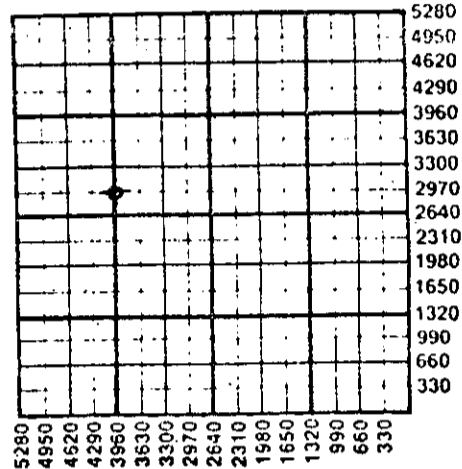
Lease Name Stannard Well # 1

Field Name

Producing Formation

Elevation: Ground 1951' KB 1957'

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 # 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 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 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



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

RECEIVED
STATE CORPORATION COMMISSION
APR 15 1986
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas
APR 7 1986
4-7-86
CONSERVATION DIVISION
Wichita, Kansas

Sec 16 Twp 30S Rge 14W

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

Soc. 16 Twp. 30S Rge. 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.

<p>Drill Stem Tests Taken. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>DST #1 4500 - 4578 (VIOLA) 60 - 60 - 60 - 90 Rec. 70' M SIP 155-155#, FP 77 - 87 / 87-87#</p> <p>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#</p>	<p>Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Name</th> <th style="width: 20%;">Top</th> <th style="width: 20%;">Bottom</th> </tr> </thead> <tbody> <tr><td>Stotler</td><td>3172'</td><td></td></tr> <tr><td>Tarkio</td><td>3227'</td><td></td></tr> <tr><td>Bern</td><td>3278'</td><td></td></tr> <tr><td>Howard</td><td>3354'</td><td></td></tr> <tr><td>Topeka</td><td>3470'</td><td></td></tr> <tr><td>Heebner</td><td>3854'</td><td></td></tr> <tr><td>Toronto</td><td>3874'</td><td></td></tr> <tr><td>Douglas</td><td>3906'</td><td></td></tr> <tr><td>Brown Lime</td><td>3999'</td><td></td></tr> <tr><td>Lansing</td><td>4026'</td><td></td></tr> <tr><td>Viola</td><td>4542'</td><td></td></tr> <tr><td>Simpson Sand</td><td>4587'</td><td></td></tr> <tr><td>Arbuckle</td><td>4700'</td><td></td></tr> <tr><td>RTD</td><td>4740'</td><td></td></tr> </tbody> </table>	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'	
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CASING RECORD <input checked="" type="checkbox"/> New <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"	20#	326'	60-40 POZ	250	2% gel 4%ccf
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 Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity	

METHOD OF COMPLETION Production Interval

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