

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 316.681.3921

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

Wellsite Geologist W. 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 OWO: old well info as follows:

Operator  
Well Name  
Comp. Date    Old Total Depth

WELL HISTORY

Drilling Method:

Mud Rotary     Air Rotary     Cable

5/20/87    5/26/87    5/27/87  
Spud Date    Date Reached TD    Completion Date

4050'    KANSAS GEOLOGICAL SURVEY  
Total Depth    WICHITA BRANCH  
JUN 12 1987

Amount of Surface Pipe Set and Cemented at 310' feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ feet

If alternate 2 completion, cement circulated  
from KB feet depth to 315' w/ 165 SX cmt  
Cement Company Name Halliburton  
Invoice #

API NO. 15-.....065-22,379 **26-8-22W**

County.....Graham

NW SW SW Sec. 26 Twp. 8 Rge. 22 East  
West

990' Ft North from Southeast Corner of Section  
4950' Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

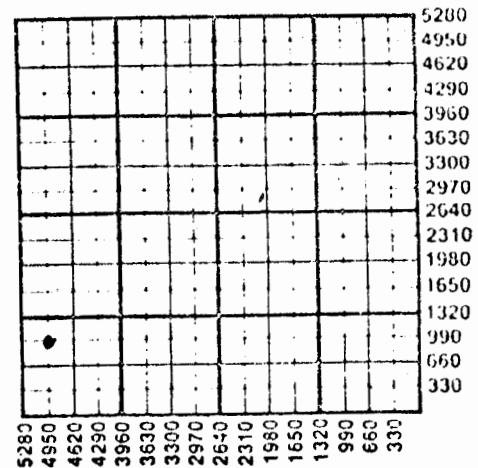
Lease Name...Kirkpatrick Well #...1

Field Name.....

Producing Formation.....N/A

Elevation: Ground.....2195 KB.....2200

Section Plat



WATER SUPPLY INFORMATION

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

Questions on this portion of the ACO-1 well:

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.....Ft North from Southeast Corner  
(Stream, pond etc).....Ft West from Southeast Corner  
Sec Twp Rge East West

Purchased from George R. Buss  
Other (explain) Bogue, Kansas  
(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.

SIDE TWO

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

Sec. 26 Twp. 8S Rge. 22  East  West County Graham

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		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Formation Description		
Samples Sent to Geological Survey		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample	
Cores Taken		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Name	Top	Bottom
1. 3443-3451	30 - 45 - 60 - 75			Anhydrite	1777	+423
IFP 36-45	FFP 82-100			Base Anhydrite	1810	+390
ICIP 1055	FCIP 1064			REC: 3' Clean Oil		
				177' Water		
2. 3510 -3525	30-30-30-30			Heebner	3402	(-1202)
IFP 36-36	FFP 36-36			Toronto	3428	(-1228)
ICIP 36	FCIP 36			Lansing	3443	(-1243)
	Rec: 3' Mud			BRC	3652	(-1452)
3. 3607-3620	30-30-30-30			Marmaton	3687	(-1487)
IFP 27-27	FFP 27-27			Arbuckle	3774	(-1574)
ICIP 36	FCIP 27			LTD	3850	(-1650)
	Rec: 3; Mud w/show of oil on top			RTD	4050	(-1850)
4. 3732-3810	30 - 30 - 45 - 60					
IFP 82-137	FFP 192-279					
ICIP 1165	FCIP 1165					
	Rec: 480' Slightly oil cut watery mud					

CASING RECORD <input 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#	310'	60-40	165	2% gel 4% 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	