

Oklahoma Corporation Commission
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000
Rule 165: 10-3-25

Form 1002A

API No.: 35083243890000

Completion Report

Spud Date: August 10, 2016

OTC Prod. Unit No.: 083-218008

Drilling Finished Date: August 17, 2016

1st Prod Date: October 18, 2016

Completion Date: October 04, 2016

Drill Type: STRAIGHT HOLE

Min Gas Allowable: Yes

Well Name: JONES 1-16

Purchaser/Measurer: DCP MIDSTREAM LP

Location: LOGAN 16 17N 4W
C S2 SW SE
330 FSL 660 FWL of 1/4 SEC
Derrick Elevation: 1131 Ground Elevation: 1118

First Sales Date: 12/10/2016

Operator: ARROWHEAD ENERGY INC 10239

2934 NW 156TH ST
EDMOND, OK 73013-2102

Completion Type	
	Single Zone
	Multiple Zone
X	Commingled

Location Exception	
Order No	
There are no Location Exception records to display.	

Increased Density	
Order No	
There are no Increased Density records to display.	

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	8 5/8	24	J-55	505		315	SURFACE
PRODUCTION	5 1/2	17	N-80	6387		150	5754

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
There are no Liner records to display.								

Total Depth: 6390

Packer	
Depth	Brand & Type
There are no Packer records to display.	

Plug	
Depth	Plug Type
There are no Plug records to display.	

Initial Test Data										
Test Date	Formation	Oil BBL/Day	Oil-Gravity (API)	Gas MCF/Day	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut-In Pressure	Choke Size	Flow Tubing Pressure
Oct 18, 2016	HUNTON-WOODFORD-MISSISSIPPI LIME	50		120	2400	120	PUMPING			

Completion and Test Data by Producing Formation

Formation Name: HUNTON

Code: 269HNTN

Class: OIL

Spacing Orders

Order No	Unit Size
62015	80

Perforated Intervals

From	To
6282	6300

Acid Volumes

1,000 GALLONS

Fracture Treatments

FRACED WITH WOODFORD SEE IT

Formation Name: WOODFORD

Code: 319WDFD

Class: OIL

Spacing Orders

Order No	Unit Size
There are no Spacing Order records to display.	

Perforated Intervals

From	To
6235	6271

Acid Volumes

3,000 GALLONS

Fracture Treatments

6,451 BARRELS, 74,550 POUNDS

Formation Name: MISSISSIPPI LIME

Code: 351MSSLM

Class: OIL

Spacing Orders

Order No	Unit Size
62761	80

Perforated Intervals

From	To
6036	6147

Acid Volumes

4,500 GALLONS

Fracture Treatments

7,387 BARRELS, 136,500 POUNDS

Formation Name: HUNTON-WOODFORD-
MISSISSIPPI LIME

Code:

Class: OIL

Formation	Top
TONKAWA SAND	4224
PERRY GAS SAND	4565
UPPER LAYTON	5016
CHECKERBOARD	5400
CLEVELAND SAND	5476
BIG LIME	5676
OSWEGO	5759
VERDIGRIS	5880
PINK LIME	5946
MISSISSIPPI	6016

Were open hole logs run? Yes

Date last log run: August 17, 2016

Were unusual drilling circumstances encountered? No

Explanation:

WOODFORD	6170
HUNTON	6280
SYLVAN	6302

Other Remarks
HUNTON AND WOODFORD FRACED TOGETHER. INITIAL TEST DATA FOR HUNTON, WOODFORD AND MISSISSIPPI

FOR COMMISSION USE ONLY

Status: Accepted	1135782
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RECEIVED

JAN 27 2017

OKLAHOMA CORPORATION COMMISSION

API NO. 083-24389
OTC PROD. UNIT NO. 083-218008

PLEASE TYPE OR USE BLACK INK ONLY
NOTE:

Attach copy of original 1002A if recompletion or reentry.

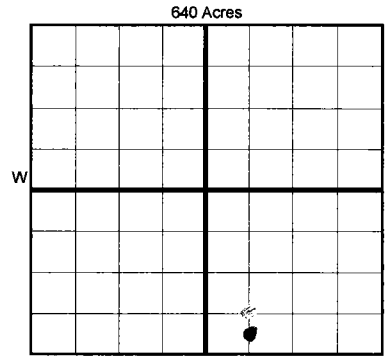
OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000
Rule 135:10-3-25

ORIGINAL
AMENDED (Reason)

COMPLETION REPORT

TYPE OF DRILLING OPERATION
STRAIGHT HOLE
DIRECTIONAL HOLE
HORIZONTAL HOLE
SERVICE WELL

SPUD DATE 8-10-16
DRLG FINISHED DATE 8-17-16
DATE OF WELL COMPLETION 10-04-16
1st PROD DATE 10-18-16



COUNTY Logan SEC 16 TWP 17N RGE 04W
LEASE NAME Jones WELL NO. 1-16
C 1/4 S/2 1/4 SW 1/4 SE 1/4 FSL OF 1/4 SEC 330 FWL OF 1/4 SEC 660
ELEVATION 1131 Ground 1118
OPERATOR NAME Arrowhead Energy, Inc.
ADDRESS 2934 NW 156th Street
CITY Edmond STATE OK ZIP 73013

COMPLETION TYPE
SINGLE ZONE
MULTIPLE ZONE
COMMINGLED
LOCATION EXCEPTION ORDER INCREASED DENSITY ORDER NO.

Table with columns: TYPE, SIZE, WEIGHT, GRADE, FEET, PSI, SAX, TOP OF CMT. Rows include CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCTION, LINER.

PACKER @ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE
PACKER @ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE

Table with columns: FORMATION, SPACING & SPACING ORDER NUMBER, CLASS, PERFORATED INTERVALS, ACID/VOLUME, FRACTURE TREATMENT. Includes handwritten notes like '269 HNTN', '319 WDFD', '35 MISSISSIPPI'.

Min Gas Allowable (165:10-17-7) OR Oil Allowable (165:10-13-3)
GAS PURCHASER/MEASURER DCP Midstream LP
FIRST SALES DATE 12/10/2016

Table with columns: INITIAL TEST DATE, OIL-BBL/DAY, OIL-GRAVITY (API), GAS-MCF/DAY, GAS-OIL RATIO CU FT/BBL, WATER-BBL/DAY, PUMPING OR FLOWING, INITIAL SHUT-IN PRESSURE, CHOKESIZE, FLOW TUBING PRESSURE.

AS SUBMITTED

A record of the formations drilled through, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.
Signature: William F. Varner
NAME (PRINT OR TYPE): William F. Varner
DATE: 1/17/2017
PHONE NUMBER: 405-848-5777
ADDRESS: 2934 N W 156TH
CITY: Edmond STATE: OK ZIP: 73013
EMAIL ADDRESS: arrowhead@arrowheadenergy.com

PLEASE TYPE OR USE BLACK INK ONLY
FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

LEASE NAME Jones WELL NO. 1-16

NAMES OF FORMATIONS	TOP
Tonkawa Sd	4,224
Perry Gas Sd	4,565
Upper Layton	5016
Checkerboard	5,400
Cleveland Sd.	5,476
Big Lime	5,676
Oswego	5,759
Verdigris	5,880
Pink Lm	5,946
Mississippi	6,016
Woodford	6,170
Hunton	6,280
Sylvan	6,302
TD	6,390

FOR COMMISSION USE ONLY

ITD on file YES NO

APPROVED _____ DISAPPROVED _____

2) Reject Codes _____

Were open hole logs run? yes no

Date Last log was run 8/17/2016

Was CO₂ encountered? yes no at what depths? _____

Was H₂S encountered? yes no at what depths? _____

Were unusual drilling circumstances encountered? yes no
If yes, briefly explain below _____

Other remarks: Hunton and Woodford fraced together.
Initial Test Data for Hunton, Woodford and Mississippi

640 Acres

If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.

Directional surveys are required for all drainholes and directional wells.

640 Acres

BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1

SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
Depth of Deviation		Radius of Turn	Direction
			Total Length
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:

LATERAL #2

SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
Depth of Deviation		Radius of Turn	Direction
			Total Length
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:

LATERAL #3

SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
Depth of Deviation		Radius of Turn	Direction
			Total Length
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line: