

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.: 35017249600001

**Completion Report**

Spud Date: December 12, 2016

OTC Prod. Unit No.:

Drilling Finished Date: January 23, 2017

1st Prod Date: July 12, 2017

Completion Date: July 12, 2017

**Drill Type: HORIZONTAL HOLE**

Well Name: COPELAND 9-33H

Purchaser/Measurer: CIMAREX ENERGY CO.

Location: CANADIAN 33 13N 9W  
NE NW NE NE  
275 FNL 875 FEL of 1/4 SEC  
Latitude: 35.564985907 Longitude: -98.156599873  
Derrick Elevation: 0 Ground Elevation: 1473

First Sales Date: 07/12/2017

Operator: CIMAREX ENERGY CO 21194

202 S CHEYENNE AVE STE 1000  
TULSA, OK 74103-3001

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	663573		659538	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	54.5	J-55	1486	2500	909	SURFACE
INTERMEDIATE	9 5/8	40	L-80	10393	5000	859	7600
PRODUCTION	5 1/2	20	P-110	17224	9000	1930	8500

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

**Total Depth: 17224**

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
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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
Jul 22, 2017	WOODFORD	125	57.3	4643	37144	2010	FLOWING	4303	23/64	

#### Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

#### Spacing Orders

Order No	Unit Size
566702	640
667473	EXCEPTION TO OAC 165:10-3-28

#### Perforated Intervals

From	To
12437	17200

#### Acid Volumes

NONE
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#### Fracture Treatments

12,532,590 GALS OF FLUID AND 15,999,773# OF SAND
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Formation	Top
BASE HEEBNER	6764
TONKAWA	7480
COTTAGE GROVE	8170
HOGSHOOTER	8475
CHECKERBOARD	8720
OSWEGO	9659
VERDIGRIS	9786
PINK LIME	10019
INOLA	10276
NOVI LIME	10380
MORROW SHALE	10404
CHESTER	10701
MERAMEC	11795
OSAGE	12300
WOODFORD	12427

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

#### Other Remarks

CD 201605349 - LOCATION EXCEPTION BEING RESUBMITTED - ORIGINAL FILING WITH OCC COULD NOT BE LOCATED. OCC - RESTORING 1002A AFTER NETWORK GOING DOWN NO CHANGE FROM THE APPROVAL 10/18/2017.

#### Lateral Holes

Sec: 33 TWP: 13N RGE: 9W County: CANADIAN

SE SE SE SE

150 FSL 142 FEL of 1/4 SEC

Depth of Deviation: 11909 Radius of Turn: 355 Direction: 179 Total Length: 4402

Measured Total Depth: 17224 True Vertical Depth: 12264 End Pt. Location From Release, Unit or Property Line: 142

## FOR COMMISSION USE ONLY

1137099

Status: Accepted

12/1/17  
Oklahoma Corporation Commission  
Oil & Gas Conservation Division  
Post Office Box 52000  
Oklahoma City, Oklahoma 73152-2000  
Rule 165: 10-3-25

Form 1002A

1016EZ

API No.: 55017249600001

Completion Report

Spud Date: December 12, 2016

OTC Prod. Unit No.: 017-218986

Drilling Finished Date: January 23, 2017

1st Prod Date: July 12, 2017

Completion Date: July 12, 2017

A: 218986 I

Drill Type: HORIZONTAL HOLE

Well Name: COPELAND 9-33H

Purchaser/Measurer: CIMAREX ENERGY CO.

Location: CANADIAN 33 13N 9W  
NE NW NE NE  
275 FNL 875 FEL of 1/4 SEC  
Latitude: 35.564985907 Longitude: -98.156599873  
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First Sales Date: 07/12/2017

Operator: CIMAREX ENERGY CO 21194

202 S CHEYENNE AVE STE 1000  
TULSA, OK 74103-3001

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
663573

Increased Density
Order No
659538

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	54.5	J-55	1486	2500	909	SURFACE
INTERMEDIATE	9 5/8	40	L-80	10393	5000	859	7600
PRODUCTION	5 1/2	20	P-110	17224	9000	1930	8500

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

Total Depth: 17224

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
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November 09, 2017

7/22/17

319WDFD

4303

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