

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.: 35017249930001

Completion Report

Spud Date: June 10, 2017

OTC Prod. Unit No.: 017-222289

Drilling Finished Date: July 24, 2017

1st Prod Date: September 22, 2017

Completion Date: September 22, 2017

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: WOOLFOLK 2H-1720X

Purchaser/Measurer: XEC

Location: CANADIAN 17 14N 10W
NE NW NE NE
220 FNL 675 FEL of 1/4 SEC
Latitude: 35.695672115 Longitude: -98.280048139
Derrick Elevation: 0 Ground Elevation: 1413

First Sales Date: 09/22/2017

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	665465		There are no Increased Density records to display.	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	54.5	J-55	1494	2500	1015	SURFACE
INTERMEDIATE	9 5/8	40	HCL 80	9849	5000	912	7010
PRODUCTION	5 1/2	20	HCP-110	21502	9000	3450	7100

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

Total Depth: 21502

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
There are no Packer records to display.		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 09, 2017	MISSISSIPPIAN	102		2100	20588	1986	FLOWING	4308	17/64	

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: GAS

Spacing Orders

Order No	Unit Size
619625	640
666056	MULTIUNIT

Perforated Intervals

From	To
11286	21476

Acid Volumes

NONE

Fracture Treatments

24,248,714 GALLONS OF FLUID 27,997,422 POUNDS OF SAND
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Formation	Top
HEEBNER BASE	6580
TONKAWA	7226
COTTAGE GROVE	7881
HOGSHOOTER	8182
CHECKERBOARD	8526
OSWEGO	9191
CHEROKEE	9264
VERDIGRIS	9264
RED FORK	9470
INOLA	9707
ATOKA	9566
NOVI	9757
MORROW SHALE	9811
MORROW SAND	9949
MISSISSIPPIAN	10161
CHESTER	10331
MERAMEC	11257

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED NEITHER THE FINAL LOCATION EXCEPTION NOR THE FINAL MULTIUNIT ORDERS HAVE BEEN SUBMITTED. OCC - RESTORING 1002A AFTER NETWORK GOING DOWN NO CHANGE FROM THE ORIGINAL APPROVAL 10/18/2017.

Lateral Holes

Sec: 20 TWP: 14N RGE: 10W County: CANADIAN

SE SW SE SE

150 FSL 861 FEL of 1/4 SEC

Depth of Deviation: 10977 Radius of Turn: 1060 Direction: 180 Total Length: 9718

Measured Total Depth: 21502 True Vertical Depth: 12037 End Pt. Location From Release, Unit or Property Line: 150

FOR COMMISSION USE ONLY

1137682

Status: Accepted

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1016EZ

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

Multinut!

Sec. 17: 49,7841% 222289 I
Sec. 20: 50,2159% ~~665465~~ ~~477~~
222289A I

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
665465

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

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Total Depth: 21502

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

November 09, 2017

10/9/17 359 MSSP 4308

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
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Lateral Holes