

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.: 35051241170000

Completion Report

Spud Date: April 25, 2017

OTC Prod. Unit No.:

Drilling Finished Date: June 07, 2017

1st Prod Date: August 28, 2017

Completion Date: August 26, 2017

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: HINES FEDERAL 1H-0235X

Purchaser/Measurer: XEC

Location: GRADY 2 10N 8W
SW SW SW SE
235 FSL 2410 FEL of 1/4 SEC
Latitude: 35.36394 Longitude: -98.0157
Derrick Elevation: 0 Ground Elevation: 1278

First Sales Date: 08/28/2017

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	663278		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	1509	3000	960	SURFACE
INTERMEDIATE	9 5/8	40	HCL-80	10720	5000	1166	7070
PRODUCTION	5 1/2	20	HCO-110	21634	9000	3640	7100

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

Total Depth: 21634

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
Sep 10, 2017	WOODFORD	496	53.2	3633	7324	1919	FLOWING	3822	23/64	

Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: OIL

Spacing Orders

Order No	Unit Size
661734	640
587488	640
663277	MULTIUNIT

Perforated Intervals

From	To
12155	21608

Acid Volumes

NONE

Fracture Treatments

28,500,571 GALS FLUID AND 25,812,559# SAND
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Formation	Top
ANHYDRITE	3000
HEEBNER	6789
TONKAWA	7395
COTTAGE GROVE	8149
HOGSHOOTER LIME	8423
CHECKERBOARD LIME	8854
PINK LIME	10241
RED FORK	10346
INOLA	10531
ATOKA	10632
NOVI LIME	10682
MORROW SHALE	10708
CHESTER	10764
MERAMEC	11745
LOWER MERAMEC 1	11843
OSAGE	12044
WOODFORD	12146

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 ISSUED. OCC - RESTORING 1002A AFTER NETWORK GOING DOWN NO CHANGE FROM ORIGINAL APPROVAL 10/18/2017.

Lateral Holes

Sec: 35 TWP: 11N RGE: 8W County: CANADIAN

NW NE NW NE

166 FNL 1674 FEL of 1/4 SEC

Depth of Deviation: 11414 Radius of Turn: 225 Direction: 359 Total Length: 9202

Measured Total Depth: 21634 True Vertical Depth: 11639 End Pt. Location From Release, Unit or Property Line: 166

FOR COMMISSION USE ONLY

1137452

Status: Accepted