

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.: 35017253390000

Completion Report

Spud Date: December 16, 2018

OTC Prod. Unit No.: 017-225584

Drilling Finished Date: February 22, 2019

1st Prod Date: May 24, 2019

Completion Date: May 03, 2019

Drill Type: HORIZONTAL HOLE

Well Name: BRAVEHEART 1H-16-9

Purchaser/Measurer: ENABLE

Location: CANADIAN 21 12N 10W
NE NE NE NW
240 FNL 2470 FWL of 1/4 SEC
Latitude: 35.50649 Longitude: -98.26301
Derrick Elevation: 1381 Ground Elevation: 1355

First Sales Date: 05/24/2019

Operator: CITIZEN ENERGY III LLC 24120

320 S BOSTON AVE STE 900
TULSA, OK 74103-3729

Completion Type		Location Exception		Increased Density	
	Single Zone	Order No		Order No	
X	Multiple Zone	703094		There are no Increased Density records to display.	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	16	55		60			SURFACE
SURFACE	9.625	40	J-55	1005		445	SURFACE
INTERMEDIATE	7	23	HCP-110	11201		595	3544
PRODUCTION	5	18	HCP-110	22040		858	8068

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

Total Depth: 22057

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
Jun 06, 2019	MISSISSIPPIAN			5917		1469	FLOWING		18/64	

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: GAS

Spacing Orders

Order No	Unit Size
691149	1280

Perforated Intervals

From	To
13510	22035

Acid Volumes

22,000 GALLONS

Fracture Treatments

21,250,440 POUNDS OF PROPPANT; 472,568 BBLS

Formation	Top
CHESTER	12912
UPPER MERAMEC	13206
MISSISSIPPIAN	13219

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? Yes

Explanation: AT 7,543' IN THE VERTICAL 8.75" INTERMEDIATE SECTION OF THIS HOLE, THE DRIVE SHAFT ON OUR MUD MOTOR BROKE. WE SPENT 6 DAYS ATTEMPTING TO FISH THE BIT BOX/BIT AND AFTER MULTIPLE ATTEMPTS, WE DECIDED TO OH SIDE TRACK AROUND IT.

315.0' MD - 6,699.0' MD MWD SURVEY (ORIGINAL HOLE)
6,951.0' MD - 22,057.0' MD SIDETRACK SURVEYS (SIDETRACK)

Other Remarks

There are no Other Remarks.

Lateral Holes

Sec: 9 TWP: 12N RGE: 10W County: CANADIAN

SE NW SW NE

1941 FNL 2298 FEL of 1/4 SEC

Depth of Deviation: 13139 Radius of Turn: 397 Direction: 355 Total Length: 8483

Measured Total Depth: 22057 True Vertical Depth: 13231 End Pt. Location From Release, Unit or Property Line: 1941

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1142712

Status: Accepted