

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.: 35063248150001

**Completion Report**

Spud Date: July 05, 2018

OTC Prod. Unit No.: 063-224497-0-0000

Drilling Finished Date: September 18, 2018

1st Prod Date: November 07, 2018

Completion Date: October 31, 2018

**Drill Type:** HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: THUNDER 1-18-6MH

Purchaser/Measurer: BP ENERGY

Location: HUGHES 18 9N 10E  
SW SW NW NW  
1278 FNL 182 FWL of 1/4 SEC  
Latitude: 35.2574917 Longitude: -96.2990389  
Derrick Elevation: 874 Ground Elevation: 853

First Sales Date: 11/7/2018

Operator: CALYX ENERGY III LLC 23515

6120 S YALE AVE STE 1480  
TULSA, OK 74136-4226

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	695805		692213	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20			29		95	SURFACE
SURFACE	9.625	40	K-55	510		170	SURFACE
PRODUCTION	5.5	17	P-110	15248		2265	904

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

**Total Depth: 15281**

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
Nov 02, 2018	MISSISSIPPIAN			405		3422	FLOWING	1379	50	118

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: GAS

Spacing Orders

Order No	Unit Size
678867	1280
678869	1280
695804	MULTIUNIT

Perforated Intervals

From	To
4212	15101

Acid Volumes

1,012 BBLS 15% HCL ACID
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Fracture Treatments

355,999 BBLS FLUID 10,982,220 LBS PROPPANT
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Formation	Top
MISSISSIPPIAN	3737

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

There are no Other Remarks.

Lateral Holes

Sec: 6 TWP: 6N RGE: 10E County: HUGHES  
  
 NE NE NW NW  
  
 245 FNL 1024 FWL of 1/4 SEC  
  
 Depth of Deviation: 3331 Radius of Turn: 675 Direction: 4 Total Length: 10889  
  
 Measured Total Depth: 15281 True Vertical Depth: 3726 End Pt. Location From Release, Unit or Property Line: 245

FOR COMMISSION USE ONLY

Status: Accepted

1141230

11/7/2018  
Oklahoma Corporation Commission  
Oil & Gas Conservation Division  
Post Office Box 52000  
Oklahoma City, Oklahoma 73152-2000  
Rule 165: 10-3-25

Form 1002A

**1002A**  
**Addendum**

API No.: 06324810001

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\* 1280 spacings \*

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6120 S YALE AVE STE 1480  
TULSA, OK 74136-4226

*Multinuit*

Sec. 18 & 19 (SL) : 6.5846 % 224497 I  
Sec. 6 & 7 : 93.4154 % 224497A I

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
695805

Increased Density
Order No
692213

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
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Initial Test Data
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September 18, 2019

1 of 2

EZ 11-2-18

359 M55P

1379 psi

DR

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Code: 359MSSP

Class: GAS

**Spacing Orders**

Order No	Unit Size
678867 (18+19)	1280 (H) ✓
678869 (6+7)	1280 (H) ✓
695804	MULTIUNIT ✓

**Perforated Intervals**

From	To
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**Acid Volumes**

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