

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.: 35063248170001

Completion Report

Spud Date: July 08, 2018

OTC Prod. Unit No.: 063-224559-0-0000

Drilling Finished Date: September 03, 2018

1st Prod Date: November 16, 2018

Completion Date: November 16, 2018

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: THUNDER 1-13-1CH

Purchaser/Measurer: BP ENERGY

Location: HUGHES 18 9N 10E
SW SW NW NW
1293 FNL 182 FWL of 1/4 SEC
Latitude: 35.25745 Longitude: -96.2990389
Derrick Elevation: 874 Ground Elevation: 853

First Sales Date: 11/16/2018

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	698651		692212	
	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	509		170	SURFACE
PRODUCTION	5.5	17	P-110	15296		2375	2740

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

Total Depth: 15306

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
Nov 16, 2018	MISSISSIPPIAN			1902		1992	FLOWING	2327	50	238

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: GAS

Spacing Orders

Order No	Unit Size
678868	1280
678866	1280
698277	MULTIUNIT

Perforated Intervals

From	To
4076	15162

Acid Volumes

1,040 BBLS 15% HCL ACID

Fracture Treatments

349,714 BBLS FLUID 8,134,636 LBS PROPPANT
--

Formation	Top
WAPANUCKA	3208
UNION VALLEY	3502
GODDARD	3646
MISSISSIPPIAN	4053

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

OCC - ORDER 680869 IS A NUNC PRO TUNC TO SPACING ORDER 678868

Lateral Holes

Sec: 1 TWP: 9N RGE: 9E County: HUGHES

NE NW NE NE

65 FNL 957 FEL of 1/4 SEC

Depth of Deviation: 3481 Radius of Turn: 470 Direction: 356 Total Length: 11086

Measured Total Depth: 15306 True Vertical Depth: 3504 End Pt. Location From Release, Unit or Property Line: 65

FOR COMMISSION USE ONLY

1141229

Status: Accepted