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

API No.: 35063248130000

OTC Prod. Unit No.: 063-224619-0-0000

Completion Report

Spud Date: July 07, 2018

Drilling Finished Date: August 23, 2018

1st Prod Date: November 06, 2018

Completion Date: November 06, 2018

Drill Type: HORIZONTAL HOLE

Well Name: THUNDER 1-18-30CH

Location: HUGHES 18 9N 10E SW SW NW NW 1308 FNL 182 FWL of 1/4 SEC Latitude: 35.2907417 Longitude: -96.2990389 Derrick Elevation: 874 Ground Elevation: 853

Operator: CALYX ENERGY III LLC 23515

6120 S YALE AVE STE 1480 TULSA, OK 74136-4226 Min Gas Allowable: Yes

Purchaser/Measurer: BP ENERGY

First Sales Date: 11/6/2018

	Completion Type	Location Exception	Increased Density	
Х	Single Zone	Order No	Order No	
	Multiple Zone	698134	There are no Increased Density records to display.	
	Commingled			

Casing and Cement											
Туре		Size	Weight	Grade	Fe	et	PSI	SAX	Top of CMT		
CONDUCTOR			20			29		29		SURFACE	
SURFACE			9.625	40	K-55	51	1		170	SURFACE	
PRO	PRODUCTION		5.5	17	P-110	155	15533		2310	346	
Liner											
Туре	ype Size Weight Gra		Grade	Length	PSI SAX		Тор	Depth	Bottom Dep		
There are no Liner records to display.											

Total Depth: 15570

Pac	ker		Plug			
Depth	Depth Brand & Type		Depth	Plug Type		
There are no Packe	r records to display.		There are no Plug	records to display.		

Initial Test Data

Test Date	Format	ion	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 15, 2018	MISSISSI	PPIAN			1881		3380	FLOWING	2596	50	140	
			Co	mpletion an	d Test Data	by Producing F	ormation				•	
	Formation N	ame: MISSI	SSIPPIAN		Code: 3	59MSSP	C	lass: GAS				
	Spacing	Orders				Perforated I	ntervals					
Orde	r No	U	nit Size		Fro	m	٦	Го	-			
6797	707		640		475	4	15	425	_			
6788	367		1280			I						
6981	133	ML	JLTIUNIT									
	Acid Vo	olumes				Fracture Tre	atmente		-			
	942 BBLS 15		<u>ר</u>			321,393 BBL			_			
	042 0020 10					7,489,754 LBS I	PROPPANT					
Formation			1-									
				Гор		Vere open hole	•					
WAPANUCKA	~											
GODDARD	Ť			3609 Were unusual drilling circumstances encounte 3888 Explanation:								
MISSISSIPPIAI	N			4709								
	v.				4105							
Other Remarks	5											
There are no O	ther Remarks.											
					Lateral	Holes						
Sec: 30 TWP: 9	N RGE: 9E Co	ounty: HUGH	IES									
SW SE SW	NW											
2628 FNL 78	5 FWL of 1/4 S	EC										
Depth of Deviat	ion: 3418 Radi	us of Turn: 9	942 Directior	n: 177 Total I	_ength: 1067	1						
Measured Tota	Depth: 15570	True Vertica	al Depth: 380	03 End Pt. L	ocation From	n Release, Unit d	or Property L	ine: 785				
FOR COMM	ISSION US	E ONLY										
a	A										1141228	
Status:	Accepted											

12018

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

Completion Report

Form 1002A

1002A Addendum

API No.: #063248130000

OTC Prod. Unit No.: 063-224619-0-0000 1

\$ 1280 spacy for 18+19 \$

Spud Date: July 07, 2018 Drilling Finished Date: August 23, 2018 1st'Prod Date: November 06, 2018 Completion Date: November 06, 2018

Min Gas Allowable: Yes

Purchaser/Measurer: BP ENERGY

Drill Type: HORIZONTAL HOLE

Well Name: THUNDER 1-18-30CH

Location: HUGHES 18 9N 10E SW SW NW NW 1308 FNL 182 FWL of 1/4 SEC Latitude: 35.2907417 Longitude: -96.2990389 Derrick Elevation: 874 Ground Elevation: 853

Multiunit First Sales Date 11/6/2018 Sec. 18 + 19 (SL): 76.3314% 224619 Sec. 30 : 23.2686% 224619 : 23.2686% 224619A T

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	698134		There are no Increased Density records to display.
	Commingled			

			C	asing and Cer	nent					
Type CONDUCTOR SURFACE PRODUCTION		Siz	e Weight	Grade	Fe	et	PSI	SAX	Top of CMT	
		20)		2	9		95	SURFACE	
		9.62	25 40	K-55	51	11			SURFACE	
		5.5	5 17	P-110	15	533		2310	346	
				Liner						
Type Size Weigh		Weight	Grade Length PSI SAX Top Dept					p Depth	Bottom Dept	
	1	L	There are	no Liner record	ds to displ	ay.	L			

Total Depth: 15570

Pac	:ker][Plug				
Depth	Brand & Type] [Depth	Plug Type			
There are no Packe	er records to display.	1[There are no Plug	records to display.			

Initial Test Data

September 18, 2019

2 11-15-18 EZ

355MSSP

2594 psj

1 of 2

Test Date			Oil BBL/Day	Oll-Gravity (API)	Gas MCF/Day	Gas-Oll Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	initial Shut- In Pressure	Choke Size	Flow Tubin Pressure	
Nov 15, 2018	MISSISS	IPPIAN			1881		3380	FLOWING	2596	50	140	
			Con	npletion and	Test Data I	by Producing F	ormation					
	Formation N	lame: MISS	ISSIPPIAN		Code: 35	9MSSP	c	lass: GAS				
	Spacing	g Orders				Perforated I	ntervals		7			
Order	No	ι ι	Jnit Size		From	n	•	Го				
6797	07 (30)		640 (#)		4754	4	15	425	-			
6788			1280 (H)	\neg		I						
6981		M	ULTIUNIT ,									
	Acid V	olumes				Fracture Tre	atments		7			
	942 BBLS 15	5% HCL ACI	D			321,393 BBL 7,489,754 LBS I						
Formation			Т	ор								
WAPANUCKA					Were open hole logs run? No 3232 Date last log run:							
UNION VALLEY	(3609 Were unusual drilling circumstances encountered? No								
GODDARD	<u> </u>				3888 Explanation:							
MISSISSIPPIAN	1				4709							
Other Remarks	 i											
There are no Of	her Remarks.											
					Lateral I	loles						
Sec: 30 TWP: 9	N RGE: 9E C	ounty: HUG	HES									
SW SE SW	NW											
2628 FNL 785	5 FWL of 1/4 S	SEC										
Depth of Deviat	ion: 3418 Rad	lius of Turn:	942 Direction	: 177 Total L	ength: 1067	1						
Measured Total	Depth: 15570) True Vertic	al Depth: 380	3 End Pt. Lo	cation From	Release, Unit o	or Property L	ine: 785				
FOR COMM	ISSION US											
											11412	
	Accepted											