

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.: 35085212730000

**Completion Report**

Spud Date: November 07, 2016

OTC Prod. Unit No.: 085-21833

Drilling Finished Date: December 16, 2016

1st Prod Date: February 17, 2017

Completion Date: November 30, 2017

**Drill Type: STRAIGHT HOLE**

Min Gas Allowable: Yes

Well Name: BOSS HOGG 1-23

Purchaser/Measurer: TARGA PIPELINE

Location: LOVE 23 6S 2E  
W2 NE NW NW  
330 FNL 900 FWL of 1/4 SEC  
Latitude: 34.02653 Longitude: -97.07111  
Derrick Elevation: 755 Ground Elevation: 734

First Sales Date: 02/17/2017

Operator: CHARTER OAK PRODUCTION CO LLC 21672

13929 QUAIL POINTE DR  
OKLAHOMA CITY, OK 73134-1037

Completion Type	
<input type="checkbox"/>	Single Zone
<input type="checkbox"/>	Multiple Zone
<input checked="" type="checkbox"/>	Commingled

Location Exception	
Order No	
656494	

Increased Density	
Order No	
There are no Increased Density records to display.	

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	16			80			SURFACE
SURFACE	9 5/8	36	J-55	590		235	SURFACE
PRODUCTION	5 1/2	17	P-110	12175		1975	4350

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

**Total Depth: 12175**

Packer	
Depth	Brand & Type
There are no Packer records to display.	

Plug	
Depth	Plug Type
11672	CIBP

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
Feb 03, 2017	ARBUCKLE					35	SWAB	3550		
Aug 21, 2017	SIMPSON						SHUT-IN	4186		
Oct 31, 2017	VIOLA						SHUT-IN	4020		
Oct 31, 2017	WOODFORD-SYCAMORE						SHUT-IN	2523		
Nov 01, 2017	SPRINGER						SHUT-IN	2655		
Nov 30, 2017	SIMPSON-VIOLA-WOODFORD-SYCAMORE-SPRINGER	195	37	1111	5697	120	FLOWING	1260		

**Completion and Test Data by Producing Formation**

Formation Name: ARBUCKLE

Code: 169ABCK

Class: DRY

**Spacing Orders**

Order No	Unit Size
646717	640

**Perforated Intervals**

From	To
12007	12042

**Acid Volumes**

5,000 GALLONS 15% NEFE

**Fracture Treatments**

204 BARRELS 2% KCL

Formation Name: SIMPSON

Code: 202SMPS

Class: OIL

**Spacing Orders**

Order No	Unit Size
646717	640

**Perforated Intervals**

From	To
10664	11742

**Acid Volumes**

33,500 GALLONS NEFE

**Fracture Treatments**

9,946 BARRELS 2% KCL, 9,952 BARRELS SLICK WATER, 283,877 POUNDS 20/40 SAND

Formation Name: VIOLA

Code: 202VIOL

Class: OIL

**Spacing Orders**

Order No	Unit Size
646717	640

**Perforated Intervals**

From	To
8564	9427

**Acid Volumes**

60,000 GALLONS 20% NEFE

**Fracture Treatments**

17,346 BARRELS SLICK WATER, 401,000 POUNDS 20/40 SAND

Formation Name: WOODFORD		Code: 319WDFD	Class: OIL
<b>Spacing Orders</b>		<b>Perforated Intervals</b>	
<b>Order No</b>	<b>Unit Size</b>	<b>From</b>	<b>To</b>
646717	640	8042	8190
<b>Acid Volumes</b>		<b>Fracture Treatments</b>	
1,500 GALLONS 20% ACID		8,493 BARRELS 2% KCL, 287,000 POUNDS 20/40 SAND	
Formation Name: SYCAMORE		Code: 352SCMR	Class: OIL
<b>Spacing Orders</b>		<b>Perforated Intervals</b>	
<b>Order No</b>	<b>Unit Size</b>	<b>From</b>	<b>To</b>
646717	640	7910	7929
<b>Acid Volumes</b>		<b>Fracture Treatments</b>	
1,500 GALLONS 20% ACID		8,493 BARRELS 2% KCL, 287,000 POUNDS 20/40 SAND	
Formation Name: SPRINGER		Code: 401SPRG	Class: OIL
<b>Spacing Orders</b>		<b>Perforated Intervals</b>	
<b>Order No</b>	<b>Unit Size</b>	<b>From</b>	<b>To</b>
646717	640	6228	6510
<b>Acid Volumes</b>		<b>Fracture Treatments</b>	
1,500 GALLONS 1% NEFE		5,802 BARRELS 2% KCL, 217,000 20/40 SAND	
Formation Name: SIMPSON-VIOLA- WOODFORD-SYCAMORE-SPRINGER		Code:	Class: OIL

Formation	Top
SPRINGER	5571
SYCAMORE	7848
WOODFORD	8040
HUNTON	8227
VIOLA	8539
SIMPSON	9436
ARBUCKLE	11945

Were open hole logs run? Yes

Date last log run: December 19, 2016

Were unusual drilling circumstances encountered? No

Explanation:

<b>Other Remarks</b>
INITIAL TEST PROVIDED GOR 5697 - OIL

Status: Accepted

**RECEIVED**

Form 1002A  
Rev. 2009

DEC 22 2017

OKLAHOMA CORPORATION COMMISSION

PLEASE TYPE OR USE BLACK INK ONLY  
NOTE:

Attach copy of original 1002A  
if recompletion or reentry.

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

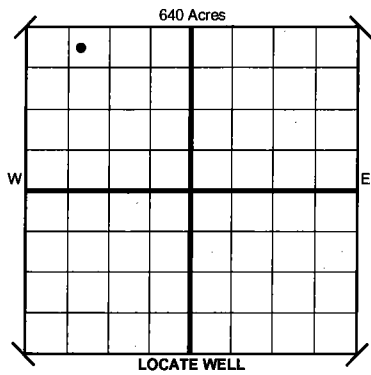
COMPLETION REPORT

API NO. 35-085-21273  
OTC PROD. UNIT NO. 085-21833

ORIGINAL  
 AMENDED (Reason)

TYPE OF DRILLING OPERATION  
 STRAIGHT HOLE  DIRECTIONAL HOLE  HORIZONTAL HOLE  
 SERVICE WELL  
If directional or horizontal, see reverse for bottom hole location.

SPUD DATE 11/7/16  
DRLG FINISHED DATE 12/16/16  
DATE OF WELL COMPLETION 11/30/17  
1st PROD DATE 2/17/17  
RECOMP DATE  
Longitude (if known) -97.07111  
OTC/OCC OPERATOR NO. 21672



COUNTY Love SEC 23 TWP 06S RGE 02E  
LEASE NAME Boss Hogg WELL NO. 1-23  
W2 1/4 NE 1/4 NW 1/4 NW 1/4 1/4 SEC 330' FNL FWL OF 1/4 SEC 900'  
ELEVATIO N Derrick 755' Ground 734' Latitude (if known) 34.02653  
OPERATOR NAME Charter Oak Production Co., LLC  
ADDRESS 13929 Quail Pointe Dr.  
CITY Oklahoma City STATE OK ZIP 73134

COMPLETION TYPE  
 SINGLE ZONE  
 MULTIPLE ZONE  
 COMMINGLED Application Date 12/20/17  
LOCATION EXCEPTION ORDER 656494  
INCREASED DENSITY ORDER NO.

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR	16"			80'			Surface
SURFACE	9 5/8"	36#	J-55	590'		235	Surface
INTERMEDIATE							
PRODUCTION	5 1/2"	17#	P-110	12175'		1975	4350'
LINER							
TOTAL DEPTH							12175'

PACKER @ \_\_\_\_\_ BRAND & TYPE \_\_\_\_\_ PLUG @ 11672" TYPE CIBP PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_  
PACKER @ \_\_\_\_\_ BRAND & TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_

COMPLETION & TEST DATA BY PRODUCING FORMATION *169ABOK / 2025MPS / 202VIOL / 31AWDFD / 3525CMR / 401SPRG*

FORMATION	Arbuckle	Simpson	Viola	Woodford	Sycamore	Springer
SPACING & SPACING ORDER NUMBER	640 Ac. - 646717	640 Ac. - 646717	640 Ac. - 646717	640 Ac. - 646717	640 Ac. - 646717	640 Ac. - 646717
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Dry	Gas oil	Gas oil	Gas oil	Gas oil	Gas oil
PERFORATED INTERVALS	12007' - 12042' O.A.	10664' - 11742' O.A.	8564' - 9427' O.A.	8042' - 8190' O.A.	7910' - 7912'	6228' - 6238'
ACID/VOLUME	5000 Gal 15% NeFe	33,500 Gal NeFe	60,000 Gal 20% NeFe	1500 Gal 20% acid	Treated with Woodford	1500 Gal 15% NeFe
FRACTURE TREATMENT (Fluids/Prop Amounts)	204 BBL 2% KCl	9946 BBL 2% KCl	17,346 BBL slick water	8493 BBL 2% KCl		5802 BBL 2% KCl
		9952 BBL slick water	401,000# 20/40 sand	287,000# 20/40 sand		217,000 20/40 Sand
		283,877# 20/40 sand				

*Reported to FracFocus*

Min Gas Allowable (165:10-17-7)  OR Oil Allowable (165:10-13-3)  
Gas Purchaser/Measurer Targa Pipeline  
First Sales Date 2/17/17

INITIAL TEST DATA

INITIAL TEST DATE	2/3/17	8/21/17	10/31/17	10/31/17	Tested with Woodford	11/1/17
OIL-BBL/DAY	0	N/A	N/A	N/A	-----	N/A
OIL-GRAVITY ( API)	N/A	N/A	N/A	N/A	-----	N/A
GAS-MCF/DAY	TSTM	N/A	N/A	N/A	-----	N/A
GAS-OIL RATIO CU FT/BBL	N/A	N/A	N/A	N/A	-----	N/A
WATER-BBL/DAY	35	N/A	N/A	N/A	-----	N/A
PUMPING OR FLOWING	Swab	Shut-in	Shut-in	Shut-in	-----	Shut-in
INITIAL SHUT-IN PRESSURE	3550 psi	4186 psi	4020 psi	2523 psi	-----	2655 psi
CHOKE SIZE	N/A	N/A	N/A	N/A	-----	N/A
FLOW TUBING PRESSURE	N/A	N/A	N/A	N/A	-----	N/A

**AS SUBMITTED**

A record of the formations drilled through, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.

See back (pg 2) SIGNATURE \_\_\_\_\_ NAME (PRINT OR TYPE) JC Brevetti, Engineering Tech. DATE 12/20/17 PHONE NUMBER (405) 286-0361

13929 Quail Pointe Dr. ADDRESS CITY Oklahoma City STATE OK ZIP 73134 EMAIL ADDRESS brevetti@charteroakproduction.com

PLEASE TYPE OR USE BLACK INK ONLY  
FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

LEASE NAME Boss Hogg WELL NO. 1-23

NAMES OF FORMATIONS	TOP
Springer	5571'
Sycamore	7848'
Woodford	8040'
Hunton	8227'
Viola	8539'
Simpson	9436'
Arbuckle	11945'

FOR COMMISSION USE ONLY

ITD on file  YES  NO

APPROVED \_\_\_\_\_ DISAPPROVED \_\_\_\_\_

2) Reject Codes \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Were open hole logs run?  yes  no

Date Last log was run December 19, 2016

Was CO<sub>2</sub> encountered?  yes  no at what depths? \_\_\_\_\_

Was H<sub>2</sub>S encountered?  yes  no at what depths? \_\_\_\_\_

Were unusual drilling circumstances encountered?  yes  no  
 If yes, briefly explain below

Other remarks: Initial commingled test data GOR is <15,000, but subsequent GOR > 15,000. Initial test ~~and~~ provided GOR 5697 - oil (DPA)

640 Acres


If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.

640 Acres


**BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE**

SEC	TWP	RGE	COUNTY		
Spot Location		Feet From 1/4 Sec Lines		FSL	FWL
1/4	1/4	1/4	1/4		
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:		

**BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)**

**LATERAL #1**

SEC	TWP	RGE	COUNTY		
Spot Location		Feet From 1/4 Sec Lines		FSL	FWL
1/4	1/4	1/4	1/4		
Depth of Deviation	Radius of Turn	Direction	Total Length		
Measured Total Depth	True Vertical Depth	BHL From Lease, Unit, or Property Line:			

**LATERAL #2**

SEC	TWP	RGE	COUNTY		
Spot Location		Feet From 1/4 Sec Lines		FSL	FWL
1/4	1/4	1/4	1/4		
Depth of Deviation	Radius of Turn	Direction	Total Length		
Measured Total Depth	True Vertical Depth	BHL From Lease, Unit, or Property Line:			

**LATERAL #3**

SEC	TWP	RGE	COUNTY		
Spot Location		Feet From 1/4 Sec Lines		FSL	FWL
1/4	1/4	1/4	1/4		
Depth of Deviation	Radius of Turn	Direction	Total Length		
Measured Total Depth	True Vertical Depth	BHL From Lease, Unit, or Property Line:			

