

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.: 35019262720000

Completion Report

Spud Date: April 24, 2017

OTC Prod. Unit No.: 019-219259

Drilling Finished Date: May 04, 2017

1st Prod Date: September 11, 2017

Completion Date: September 17, 2017

Drill Type: STRAIGHT HOLE

Min Gas Allowable: Yes

Well Name: SPRING CREEK 1-18

Purchaser/Measurer: TARGA PIPELINE

Location: CARTER 18 3S 2W
C NW SE
1980 FSL 1980 FEL of 1/4 SEC
Latitude: 34.29449 Longitude: -97.4463
Derrick Elevation: 1012 Ground Elevation: 992

First Sales Date: 09/14/2017

Operator: CHARTER OAK PRODUCTION CO LLC 21672

13929 QUAIL POINTE DR
OKLAHOMA CITY, OK 73134-1037

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

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	30			80			SURFACE
SURFACE	9 5/8	36	J-55	680		250	SURFACE
PRODUCTION	5 1/2	17	P-110	9850		800	5940

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

Total Depth: 9850

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

Plug	
Depth	Plug Type
9035	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
Jun 21, 2017	ARBUCKLE (ABOVE KINBLADE)					85	SWAB	3700		
Aug 14, 2017	MCLISH						SHUT-IN	3700		
Aug 14, 2017	VIOLA						SHUT-IN	2100		
Aug 15, 2017	HUNTON-MORRIS /DES MOINES/						SHUT-IN	1900		
Sep 17, 2017	MCLISH-VIOLA-HUNTON-MORRIS /DES MOINES/	46	42	166	3609	250	PUMPING	650	17/64	

Completion and Test Data by Producing Formation

Formation Name: ARBUCKLE (ABOVE KINBLADE)

Code: 169ABABK

Class: DRY

Spacing Orders

Order No	Unit Size
568630	160

Perforated Intervals

From	To
9624	9644

Acid Volumes

2,000 GALLONS 15% NEFE

Fracture Treatments

65 BARRELS KCL

Formation Name: MCLISH

Code: 202MCLS

Class: GAS

Spacing Orders

Order No	Unit Size
568630	160

Perforated Intervals

From	To
8640	8734

Acid Volumes

30,000 GALLONS 20% NEFE

Fracture Treatments

10,244 BARRELS 2% KCL, 200,000 POUNDS 20/40 SAND
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Formation Name: VIOLA

Code: 202VIOL

Class: GAS

Spacing Orders

Order No	Unit Size
155194	160

Perforated Intervals

From	To
7150	7882

Acid Volumes

30,000 GALLONS 20% NEFE

Fracture Treatments

10,230 BW, 200,000 POUNDS 20/40 SAND

Formation Name: HUNTON		Code: 269HNTN	Class: GAS
Spacing Orders		Perforated Intervals	
Order No	Unit Size	From	To
155194	160	6910	6922
Acid Volumes		Fracture Treatments	
1,500 GALLONS 20% NEFE		8,586 BW, 225,000 POUNDS 20/40 SAND	

Formation Name: MORRIS /DES MOINES/		Code: 404MRRS	Class: GAS
Spacing Orders		Perforated Intervals	
Order No	Unit Size	From	To
260736	160	6563	6625
Acid Volumes		Fracture Treatments	
1,500 GALLONS 20% NEFE		8,586 BW, 225,000 POUNDS 20/40 SAND	

Formation Name: HUNTON-MORRIS /DES MOINES/		Code:	Class: GAS
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Formation Name: MCLISH-VIOLA-HUNTON-MORRIS /DES MOINES/		Code:	Class: GAS
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Formation	Top
TUSSY	4940
CARPENTER	6318
MORRIS	6530
HUNTON	6745
SYLVAN	6923
VIOLA	7108
BROMIDE	7940
MCLISH	8356
ARTUCKLE	9290

Were open hole logs run? Yes
Date last log run: May 05, 2017
Was H2S Encountered? Yes Depth Encountered: 14000
Were unusual drilling circumstances encountered? No
Explanation:

Other Remarks
H2S WAS DETECTED AT 14,000 PPM AFTER PERFORATING AND TREATING ARBUCKLE AS REPORTED. CIBP WITH 2 SACKS CEMENT SET AT 9,035'. NO H2S DETECTED AFTER.

Status: Accepted

RECEIVED

Form 1002A
Rev. 2009

OCT 05 2017

OKLAHOMA CORPORATION COMMISSION

API NO. 35-019-26272
OTC PROD. UNIT NO. 019-219259

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

☒ ORIGINAL
☐ AMENDED (Reason)

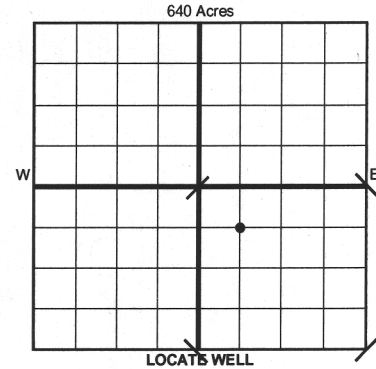
COMPLETION REPORT

TYPE OF DRILLING OPERATION

☒ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☐ HORIZONTAL HOLE
☐ SERVICE WELL

If directional or horizontal, see reverse for bottom hole location.

COUNTY Carter	SEC 18	TWP 03S	RGE 02W	SPUD DATE 4/24/17
LEASE NAME Spring Creek				DRLG FINISHED DATE 5/4/17
WELL NO. 1-18				DATE OF WELL COMPLETION 9/17/17
1st PROD DATE 9/11/17				RECOMP DATE
1/4 C 1/4 NW 1/4 SE 1/4		FSL OF 1/4 SEC 1980'	POB OF 1/4 SEC 1980'	Longitude (if known) -97.44630
ELEVATION 1012' Ground 992'		Latitude (if known) 34.29449		
OPERATOR NAME Charter Oak Production Co., LLC				OTC/OCC OPERATOR NO. 21672
ADDRESS 13929 Quail Pointe Dr.				
CITY Oklahoma City		STATE OK	ZIP 73134	



COMPLETION TYPE

<input type="checkbox"/> SINGLE ZONE
<input type="checkbox"/> MULTIPLE ZONE
Application Date
<input checked="" type="checkbox"/> COMMINGLED
Application Date 10/5/17
LOCATION
EXCEPTION ORDER
INCREASED DENSITY ORDER NO.

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR	30"			80'			Surface
SURFACE	9 5/8"	36#	J-55	680'		250	Surface
INTERMEDIATE							
PRODUCTION	5 1/2"	17#	P-110	9850'		800	5940'
LINER							
				TOTAL DEPTH	9850'		

PACKER @ _____ BRAND & TYPE _____ PLUG @ **9035'** TYPE **CBP** PLUG @ _____ TYPE _____
PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Arbuckle	McLish	Viola	Hunton	Morris	Morris, Hunton, Viola, McLish
SPACING & SPACING ORDER NUMBER	160 Ac. - 568630	160 Ac. - 568630	160 Ac. - 155194	160 Ac. - 155194	160 Ac. - 260736	160 Ac. - 155194, 260736, 568630
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Dry	Gas	Gas	Gas	Gas	Gas
PERFORATED INTERVALS	9624' - 9629'	8640' - 8734' O.A.	7150' - 7882' O.A.	6910' - 6912'	6563' - 6567'	6563' - 8734' O.A.
	9639' - 9644'	See attached schematic	See attached schematic	6918' - 6922'	6571' - 6573'	See attached schematic
ACID/VOLUME	2000 Gal 15% NeFe	30,000 Gal 20% NeFe	30,000 Gal 20% NeFe	1500 Gal 20% NeFe	Treated with Hunton	N/A
FRACTURE TREATMENT (Fluids/Prop Amounts)	65 BBL KCl	10,244 BBL 2% KCl	10,230 BW	8586 BW		N/A
		200,000# 20/40 sand	200,000# 20/40 sand	225,000# 20/40 sand		

INITIAL TEST DATA
Min Gas Allowable OR Oil Allowable (165:10-13-3)
Gas Purchaser/Measure First Sales Date
Targa Pipeline 9/14/17

INITIAL TEST DATE	6/21/17	8/14/17	8/14/17	8/15/17	Tested with Hunton	9/17/17
OIL-BBL/DAY	0	N/A	N/A	N/A	-----	46
OIL-GRAVITY (API)	N/A	N/A	N/A	N/A	-----	42.0
GAS-MCF/DAY	N/A	N/A	N/A	N/A	-----	166
GAS-OIL RATIO CU FT/BBL	N/A	N/A	N/A	N/A	-----	3608.78
WATER-BBL/DAY	85	N/A	N/A	N/A	-----	250
PUMPING OR FLOWING	Swab	Shut-in	Shut-in	Shut-in	-----	Pumping
INITIAL SHUT-IN PRESSURE	3700 psi	3700 psi	2100 psi	1900 psi	-----	650 psi
CHOKE SIZE	N/A	N/A	N/A	N/A	-----	17/64"
FLOW TUBING PRESSURE	N/A	N/A	N/A	N/A	-----	N/A

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.

SIGNATURE Joseph C. Brevetti	NAME (PRINT OR TYPE) Joseph C. Brevetti, Engineering Tech.	DATE 10/5/17	PHONE NUMBER (405) 286-0361
ADDRESS 13929 Quail Pointe Dr.		EMAIL ADDRESS brevetti@charteroakproduction.com	
CITY Oklahoma City	STATE OK	ZIP 73134	

AS SUBMITTED

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 Spring Creek

WELL NO. 1-18

NAMES OF FORMATIONS	TOP
Tussy	4940'
Carpenter	6318'
Morris	6530'
Hunton	6745'
Sylvan	6923'
Viola	7108'
Bromide	7940'
McLish	8356'
Arbuckle	9290'

FOR COMMISSION USE ONLY	
ITD on file <input type="checkbox"/> YES <input type="checkbox"/> NO	
APPROVED _____	DISAPPROVED _____
2) Reject Codes	

Were open hole logs run?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Date Last log was run	<u>May 5, 2017</u>
Was CO ₂ encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? _____
Was H ₂ S encountered?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no at what depths? <u>See Remarks</u>
Were unusual drilling circumstances encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
If yes, briefly explain below	

Other remarks: H2S was detected at 14,000 ppm after perforating & treating Arbuckle as reported. CIBP with 2sx cement set at 9035'. No H2S detected after.

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.

Directional surveys are required for all drainholes and directional wells.

640 Acres

BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

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

LATERAL #2

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

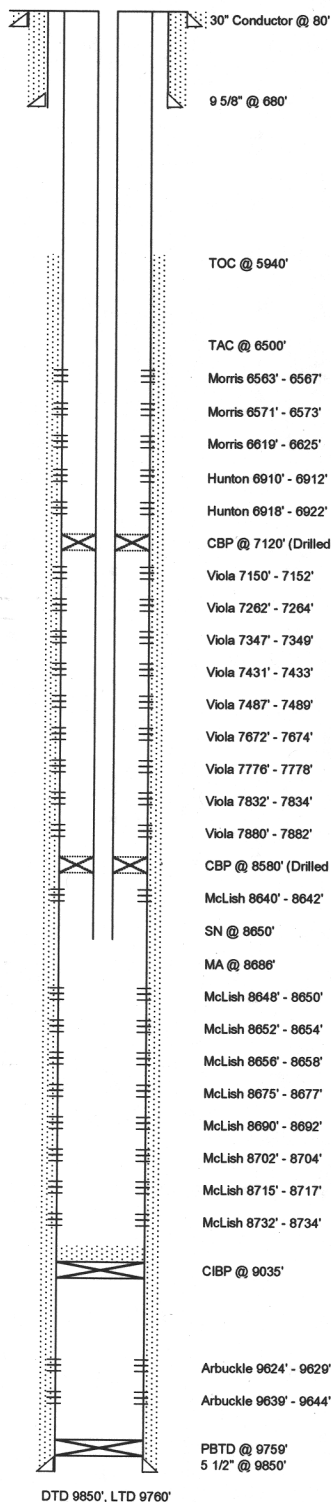
LATERAL #3

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

Image @ 1002A

Charter Oak Production Co., LLC

Created By: JC Brevetti 10/05/17



Operator: Charter Oak Production Co., LLC
Lease Name: Spring Creek
Well #: 1-18
Field: Oil City
State: Oklahoma
County: Carter
Location: 1980' FSL, 1980' FEL
Sec. Twn. Rnge: 18-T3S-R2W
Spud Date: 4/24/17
Completion Date: 9/17/17
API: 35-019-26272
GL: 992', KB: 1014', DF: 1012'
OTC PUN: 019-219259

Surface Equipment Inventory
Pumping Unit: Lufkin 458-305-144
Motor: 40HP
Oil Tanks: 2 - 300 BBL Steel
Water Tank: 1 - 200 BBL FG
Separator:
Heater: Horizontal
Pump: 2" x 1 1/2" x 20'
Rod String Design: 20 - 7/8" T-66,
220 - 3/4" T-66, 109 - 7/8" T-66
Subs: 2'
Polished rod:

Casing Design						
Size	Weight	Grade	Joints	Hole Size	Setting Depth	TOC
30"		Conductor		80'		Surface
9 5/8"	36#	J-55	17	12 1/4"	680'	250
5 1/2"	17#	P-110	242	8 3/4"	9850'	5940'

Tubing Design						
Size	Weight	Grade	Joints	Hole Size	Setting Depth	Comments
2 7/8"	6.5#	L-80	270		8650'	

Perforated Intervals			
Top	Bottom	Formation	Perforation Date
6563	6567	Morris	8/14/2017
6571	6573	Morris	8/14/2017
6619	6625	Morris	8/14/2017
6910	6912	Hunton	8/14/2017
6918	6922	Hunton	8/14/2017
7150	7152	Viola	8/14/2017
7262	7264	Viola	8/14/2017
7347	7349	Viola	8/14/2017
7431	7433	Viola	8/14/2017
7487	7489	Viola	8/14/2017
7672	7674	Viola	8/14/2017
7776	7778	Viola	8/14/2017
7832	7834	Viola	8/14/2017
7880	7882	Viola	8/14/2017
8640	8642	McLish	7/3/2017
8648	8650	McLish	7/3/2017
8652	8654	McLish	7/3/2017
8656	8658	McLish	7/3/2017
8675	8677	McLish	7/3/2017
8690	8692	McLish	7/3/2017
8702	8704	McLish	7/3/2017
8715	8717	McLish	7/3/2017
8732	8734	McLish	7/3/2017
9624	9629	Arbuckle	6/10/2017
9639	9644	Arbuckle	6/10/2017

Packers, Plugs, Etc.					
Type	Depth	Date Set	Date Removed	Removal Method	Notes
CIBP	9035'	7/3/2017			2sx cement
CBP	8580'	8/14/2017	9/1/2017	Drilled Out	Drilled to 8920'
CBP	7120'	8/14/2017	9/1/2017	Drilled Out	
TAC	6500'	9/5/2017			
SN	8650'	9/5/2017			
MA	8686'	9/5/2017			

Notes

9/11/17

RECEIVED

OCT 05 2017

Form 1002A
Rev. 2009

API NO. 35-019-26272
OTC PROD. UNIT NO. 019-219259

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

OKLAHOMA CORPORATION
COMMISSION

1016EZ

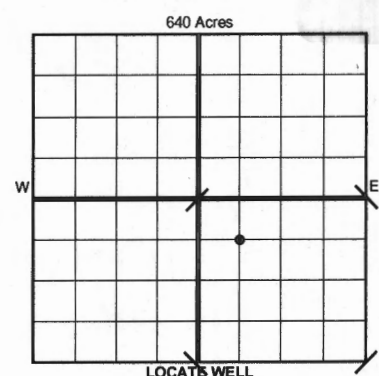
☒ ORIGINAL
☐ AMENDED (Reason)

TYPE OF DRILLING OPERATION

☒ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☐ HORIZONTAL HOLE
SERVICE WELL

If directional or horizontal, see reverse for bottom hole location.

COUNTY Carter	SEC 18	TWP 03S	RGE 02W	SPUD DATE 4/24/17
LEASE NAME Spring Creek	WELL NO. 1-18	DATE OF WELL COMPLETION 9/17/17	DRLG FINISHED DATE 5/4/17	
1/4 C 1/4 NW 1/4 SE 1/4	FSL OF 1/4 SEC 1980'	DATE OF 1/4 SEC 1980' FEL	1st PROD DATE 9/11/17	
ELEVATIO N Derrick 1012'	Ground 992'	Latitude (if known) 34.29449	Longitude (if known) -97.44630	
OPERATOR NAME Charter Oak Production Co., LLC	OTC/OCC OPERATOR NO. 21672			
ADDRESS 13929 Quail Pointe Dr.				
CITY Oklahoma City		STATE OK	ZIP 73134	



COMPLETION TYPE

<input type="checkbox"/> SINGLE ZONE
<input type="checkbox"/> MULTIPLE ZONE
Application Date
<input checked="" type="checkbox"/> COMINGLED
Application Date 10/5/17
LOCATION
EXCEPTION ORDER
INCREASED DENSITY
ORDER NO.

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR	30"			80'			Surface
SURFACE	9 5/8"	36#	J-55	680'		250	Surface
INTERMEDIATE							
PRODUCTION	5 1/2"	17#	P-110	9850'		800	5940'
LINER							

PACKER @	BRAND & TYPE	PLUG @ 9035'	TYPE CBP	PLUG @	TYPE	TOTAL DEPTH 9850'
PACKER @	BRAND & TYPE	PLUG @	TYPE	PLUG @	TYPE	

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Arbuckle (above)	McLish	Viola	Hunton	Morris	Morris, Hunton, Viola, McLish
SPACING & SPACING ORDER NUMBER	160 Ac. - 568630	160 Ac. - 568630	160 Ac. - 155194	160 Ac. - 155194	160 Ac. - 260736	160 Ac. - 155194, 260736, 568630
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Dry	Gas	Gas	Gas	Gas	Gas
PERFORATED INTERVALS	9624' - 9629'	8640' - 8734' O.A.	7150' - 7882' O.A.	6910' - 6912'	6563' - 6567'	6563' - 8734' O.A.
	9639' - 9644'	See attached schematic	See attached schematic	6918' - 6922'	6571' - 6573'	See attached schematic
					6619' - 6625'	
ACID/VOLUME	2000 Gal 15% NeFe	30,000 Gal 20% NeFe	30,000 Gal 20% NeFe	1500 Gal 20% NeFe	Treated with Hunton	N/A
FRACTURE TREATMENT (Fluids/Prop Amounts)	65 BBL KCI	10,244 BBL 2% KCI	10,230 BW	8586 BW		N/A
		200,000# 20/40 sand	200,000# 20/40 sand	225,000# 20/40 sand		

INITIAL TEST DATA	Min Gas Allowable (165:10-17-7)	OR Oil Allowable (165:10-13-3)	Gas Purchaser/Measurer First Sales Date	Targa Pipeline 9/18/17
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INITIAL TEST DATE	6/21/17	8/14/17	8/14/17	8/15/17	Tested with Hunton 9/17/17
OIL-BBL/DAY	0	N/A	N/A	N/A	46
OIL-GRAVITY (API)	N/A	N/A	N/A	N/A	42.0
GAS-MCF/DAY	N/A	N/A	N/A	N/A	166
GAS-OIL RATIO CU FT/BBL	N/A	N/A	N/A	N/A	3608.70
WATER-BBL/DAY	85	N/A	N/A	N/A	250
PUMPING OR FLOWING	Swab	Shut-in	Shut-in	Shut-in	Pumping
INITIAL SHUT-IN PRESSURE	3700 psi	3700 psi	2100 psi	1900 psi	650 psi
CHOKE SIZE	N/A	N/A	N/A	N/A	17/64"
FLOW TUBING PRESSURE	N/A	N/A	N/A	N/A	N/A

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.

SIGNATURE Joseph C. Brevetti	NAME (PRINT OR TYPE) JC Brevetti, Engineering Tech.	DATE 10/5/17	PHONE NUMBER (405) 286-0361
13929 Quail Pointe Dr.	Oklahoma City OK 73134	brevetti@charteroakproduction.com	
ADDRESS	CITY STATE ZIP	EMAIL ADDRESS	

000VARS

SCANNED

AS SUBMITTED

OK

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