

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.: 35137271650002

Completion Report

Spud Date: March 01, 2014

OTC Prod. Unit No.: 137-213401-0-0000

Drilling Finished Date: April 01, 2014

Amended

1st Prod Date: May 27, 2014

Amend Reason: UPHOLE COMPLETION IN DEESE

Completion Date: May 26, 2014

Recomplete Date: August 14, 2018

Drill Type: DIRECTIONAL HOLE

Min Gas Allowable: Yes

Well Name: B & W NORTON 1-12

Purchaser/Measurer: TARGA PIPELINE

Location: STEPHENS 12 2S 4W
NE SW NW SW
1870 FSL 340 FWL of 1/4 SEC
Latitude: 34.395776828 Longitude: -97.578425778
Derrick Elevation: 0 Ground Elevation: 1088

First Sales Date: 05/27/2014

Operator: B & W OPERATING LLC 21277

6912 N ROBINSON AVE
OKLAHOMA CITY, OK 73116-9041

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	N/A		N/A	
	Commingle				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20			37			SURFACE
SURFACE	13 3/8	48	H-40	493		530	SURFACE
INTERMEDIATE	9 5/8	40	L/N 80	5349		475	453
PRODUCTION	5 1/2	17	N-80	8277		890	4429

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

Total Depth: 8277

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

Plug	
Depth	Plug Type
4100	CIBP
5000	CIBP
6500	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
May 27, 2014	VIOLA	60		40		181	PUMPING		20/64	
Sep 17, 2017	WOODFORD			62		34	PUMPING			
Nov 13, 2018	DEESE	2		5			PUMPING			

Completion and Test Data by Producing Formation									
Formation Name: VIOLA				Code: 202VIOL			Class: DRY		
Spacing Orders				Perforated Intervals					
Order No		Unit Size		From			To		
196530		80 LAYDOWN		6970			8235		
Acid Volumes				Fracture Treatments					
17M GALLONS 15% HCL				40M BARRELS SLICKWATER, 857M POUNDS SAND					

Formation Name: WOODFORD		Code: 319WDFD		Class: DRY	
Spacing Orders		Perforated Intervals			
Order No	Unit Size	From	To		
664260	80 LAYDOWN	5366	5406		
		5520	5528		
Acid Volumes		Fracture Treatments			
23 BARRELS 15% HCL		4,267 BARRELS SLICKWATER, 90M POUNDS 40/70 SAND, 9,900 POUNDS 100 MESH			

Formation Name: DEESE		Code: 404DEESS		Class: OIL	
Spacing Orders		Perforated Intervals			
Order No	Unit Size	From	To		
196530	80 LAYDOWN	3406	3408		
		3620	3626		
		3892	3898		
Acid Volumes		Fracture Treatments			
1,350 GALLONS 7 1/2% HCL		14M POUNDS FE NE ACID, 5M POUNDS 20/40 SAND, 20/40 RC SAND			

Formation	Top
DEESE	3600
WOODFORD	5300
HUNTON	6030
VIOLA	6997

Were open hole logs run? Yes

Date last log run: March 29, 2014

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks
There are no Other Remarks.

Bottom Holes
Sec: 12 TWP: 2S RGE: 4W County: STEPHENS NE SW NW SW 1672 FSL 345 FWL of 1/4 SEC Depth of Deviation: 0 Radius of Turn: 0 Direction: 0 Total Length: 0 Measured Total Depth: 8277 True Vertical Depth: 8268 End Pt. Location From Release, Unit or Property Line: 345

FOR COMMISSION USE ONLY	
Status: Accepted	1145289

API NO. 137-27165
OTC PROD. UNIT NO. 137-213401

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

Form 1002A
Rev. 2007

ORIGINAL
X AMENDED
Reason Amended Uphole completion in Deese

COMPLETION REPORT

TYPE OF DRILLING OPERATION
STRAIGHT HOLE X DIRECTIONAL HOLE HORIZONTAL HOLE
SERVICE WELL

SPUD DATE 3/1/2014
DRLG FINISHED 4/1/2014

County Stephens SEC 12 TWP 2S RGE 4W

WELL COMPLETION 5/26/2014

LEASE NAME B&W Norton WELL NO. 1-12

1ST PROD DATE 5/27/2014

SHL NE 1/4 SW 1/4 NW 1/4 SW 1/4 FSL 1870' FWL OF 1/4 SEC 340'

RECOMP DATE 8/14/2018

ELEVATION Derrick FI Ground 1088' Latitude if Known 34.395776828N

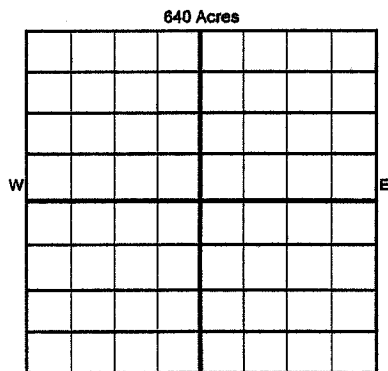
Longitude if Known 97.578425778W

OPERATOR NAME B&W OPERATING, LLC

OTC/OCC OPERATOR NO. 21277

ADDRESS 6912 N Robinson Ave

CITY OKLAHOMA CITY STATE OK ZIP 73116



COMPLETION TYPE

X	SINGLE ZONE
	MULTIPLE ZONE
	Application Date
	COMMINGLED
	Application Date
	LOCATION EXCEPTION ORDER NO. N/A
	INCREASED DENSITY ORDER NO. N/A

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP
Conductor	20"			37'			surface
Surface	13 3/8"	48#	H 40	493'		530	surface
Intermediate	9 5/8"	40#	L/N 80	5349'		475	
Production	5 1/2"	17#	N 80	8277'		890	
Liner							

PACKER @ BRAND & TYPE PLUG @ 6500' TYPE CIBP PLUG @ 5000' TYPE CIBP PLUG @ 4100' TYPE CIBP TOTAL DEPTH 8277'

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Viola	Woodford	Deese	
SPACING & SPACING ORDER NUMBER	80 laydown; #196530	80 ac laydown; #664260	80 ac laydown; #196530	
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil Dry below plugs	Oil Dry below plugs	Oil	
PERFORATED INTERVALS	6970'-8235'	5520'-5528'	3406'-08'	
		5366'-5406'	3892'-98'; 3620'-26'	
ACID/VOLUME Fracture Treatment (Fluids/Prop Amounts)	17Mgal 15% HCL; 40Mbbbl slickwater 857M# sand	23 bbls 15% HCL 4267 bbls slickwater 90M# 40/70 sand 9900# 100 mesh	1350 gal 71/2% FE NE acid; 14M# 20/40 sand 5M# 20/40 RC sand	

3 Different Fracs in Fract Focus
RECEIVED
JUN 11 2020
Oklahoma Corporation Commission

INITIAL TEST DATA	X Request minimum gas allowable (165:10-17-7)	Gas Purchaser Measurer Targa Pipeline	1st Sales Date 5/27/2014 (gas)
INITIAL TEST DATE	5/27/2014	9/17/2017	11/13/2018
OIL-BBL/DAY	60 bblpd	0 bblpd	2.0 bblpd
OIL-GRAVITY (API)			
GAS-MCF/DAY	40 mcfpd	62 mcfpd	5 mcfpd
GAS-OIL RATIO CU FT/BBL			
WATER-BBL/DAY	181 bblpd	34 bblpd	-
PUMPING OR FLOWING	pumping	pumping	pumping
INITIAL SHUT-IN PRESSURE			
CHOKE SIZE	20/64		
FLOW TUBING PRESSURE			

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: [Signature] LARRY FENITY, Manager
NAME (PRINT OR TYPE)
DATE: 6/8/2019 PHONE NUMBER: (405) 236-1807
ADDRESS: 6912 N Robinson Ave Oklahoma City OK 73116
CITY STATE ZIP
EMAIL ADDRESS: lfenity@bwoperating.com

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

WELL NO. 1-12

	TOP
Deese	3600'
Woodford	5300'
Hunton	6030'
Viola	6997'

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

Were open hole logs run?	<u>X</u>	yes	<u>no</u>
Date Last log was run	<u>March 29, 2014</u>		
Was CO ₂ encountered?	<u>yes</u>	<u>X</u>	no at what depths?
Was H ₂ S encountered?	<u>yes</u>	<u>X</u>	no at what depths?
Were unusual drilling circumstances encountered?	<u>yes</u> <u>X</u> <u>no</u>		
If yes, briefly explain.			

Other remarks:

640 Acres

A 10x10 grid representing 640 acres. The grid is divided into four 5x5 quadrants by a thick black cross. The top-left quadrant is shaded gray. The text '640 Acres' is centered at the top of the grid.

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

A blank 10x10 grid for graphing, with a thick horizontal line across the middle and a thick vertical line down the middle, dividing the grid into four 5x5 quadrants.

BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	12	TWP	2S	RGE	4W	COUNTY	Stephens		
Spot Location						Feet From 1/4 Sec Lines			
N/E	1/4	SW	1/4	NW	1/4	SW	1/4	1672'	FSL 345' FWL
Measured Total Depth				True Vertical Depth			BHL From Lease, Unit, or Property Line:		
8277'				8268'			345'		

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1

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

LATERAL #2

SEC	TWP	RGE	COUNTY			
Spot Location				Feet From 1/4 Sec Lines		
1/4	1/4	1/4	1/4	FSL		FWL
Depth of Deviation		Radius of Turn		Direction	Total Length	
Measured Total Depth		True Vertical Depth		End Pt Location From Lease, Unit or Propert (405) 236-1807		

LATERAL #3

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

B&W Operating, L.L.C.

*6912 N Robinson Ave
Oklahoma City, Oklahoma 73116
(405) 236-1807 Phone
(405) 272-0633 Fax*

June 9, 2020

**Oklahoma Corporation Commission
Oil & Gas Conservation Division
PO Box 52000
Oklahoma City, OK 73152-2000**

**RE: B&W Norton 1-12
Section 12-2S-4W
Stephens County, OK**

Gentlemen:

Enclosed please find B&W Operating LLC's amended form 1002A Completion Report covering the Deese formation on the B&W Norton 1-12 well located in Section 12-2S-4W, Stephens County, Oklahoma.

If there is any additional information the Oklahoma Corporation Commission needs, please contact the undersigned. Thanks for your help and assistance.

Yours very truly,

B&W OPERATING, L.L.C.


Larry Fenity

LF:de
encl.