

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.: 35029213370000

**Completion Report**

Spud Date: February 23, 2017

OTC Prod. Unit No.: 029-218776

Drilling Finished Date: March 17, 2017

1st Prod Date: April 23, 2017

Completion Date: April 16, 2017

**Drill Type:** HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: PISTOL 1-9/16H

Purchaser/Measurer: MARKWEST

Location: COAL 4 1N 11E  
NW SW NE SE  
1861 FSL 1045 FEL of 1/4 SEC  
Latitude: 34.583728 Longitude: -96.147953  
Derrick Elevation: 0 Ground Elevation: 638

First Sales Date: 04/23/2017

Operator: BRAVO ARKOMA LLC 23562

1323 E 71ST ST STE 400  
TULSA, OK 74136-5067

Completion Type		Location Exception		Increased Density	
	Single Zone	Order No		Order No	
	Multiple Zone	656805		There are no Increased Density records to display.	
X	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20			40			SURFACE
SURFACE	9 5/8	40	J-55	1001		410	SURFACE
PRODUCTION	5 1/2	23	P-110	16266		2490	7290

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

**Total Depth: 16230**

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
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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 23, 2017	WOODFORD-CANEY			3975		290	FLOWING	580	128/64	60

**Completion and Test Data by Producing Formation**

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

**Spacing Orders**

Order No	Unit Size
655780	640

**Perforated Intervals**

From	To
11330	14920

**Acid Volumes**

32,000 GALLONS 15% HCL
------------------------

**Fracture Treatments**

143,948 BARRELS, 2,952,767 POUNDS 40/70, 170,100 POUNDS 100 MESH
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Formation Name: CANEY

Code: 354CNEY

Class: GAS

**Spacing Orders**

Order No	Unit Size
655780	640

**Perforated Intervals**

From	To
15220	16217

**Acid Volumes**

32,000 GALLONS 15% HCL
------------------------

**Fracture Treatments**

143,948 BARRELS, 2,952,767 POUNDS 40/70, 170,100 POUNDS 100 MESH
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Formation Name: WOODFORD-CANEY

Code:

Class: GAS

Formation	Top
CANEY	9995
WOODFORD	10280

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

**Other Remarks**

OCC - PER OPERATOR, PULLED UP SHORT CUT FAULT. OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED THE FINAL LOCATION EXCEPTION HAS NOT BEEN SUBMITTED.

**Lateral Holes**

Sec: 9 TWP: 1N RGE: 11E County: COAL

SE SW SW SE

213 FSL 2068 FEL of 1/4 SEC

Depth of Deviation: 10108 Radius of Turn: 483 Direction: 181 Total Length: 7000

Measured Total Depth: 16230 True Vertical Depth: 10306 End Pt. Location From Release, Unit or Property Line: 213

## FOR COMMISSION USE ONLY

1137280

Status: Accepted

# RECEIVED

JUL 31 2017

Form 1002A  
Rev. 2009

OKLAHOMA CORPORATION  
COMMISSION

API NO. 029-21337  
OTC PROD. UNIT NO. 029218776

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	Coal	SEC	04	TWP	01N	RGE	11E	SPUD DATE	2/23/17
LEASE NAME	Pistol			WELL NO.	1-9/16H			DRLG FINISHED DATE	3/17/17
NW 1/4 SW 1/4 NE 1/4 SE 1/4	FSL OF 1/4 SEC 1861			FEL OF 1/4 SEC 1045			DATE OF WELL COMPLETION	4/16/17	
ELEVATION N Derrick	Ground	638	Latitude (if known)	34.583728			1st PROD DATE	4/23/17	
OPERATOR NAME	Bravo Arkoma, LLC			OTC/OCC OPERATOR NO.	23562				
ADDRESS	1323 East 71st Street, Suite 400								
CITY	Tulsa	STATE	OK	ZIP	74136				

640 Acres


W E

LOCATE WELL

### COMPLETION TYPE

☐ SINGLE ZONE  
☐ MULTIPLE ZONE  
Application Date  
☒ COMINGLED  
Application Date  
LOCATION  
EXCEPTION ORDER 656805 I.O.  
INCREASED DENSITY  
ORDER NO.

### CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR	20"			40'			Surface
SURFACE	9 5/8"	40#	J-55	1,001'		410	Surface
INTERMEDIATE							
PRODUCTION	5 1/2"	23#	P-110	16,266		2490	7,290
LINER							
TOTAL DEPTH						16,230	

PACKER @ \_\_\_\_\_ BRAND & TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_  
PACKER @ \_\_\_\_\_ BRAND & TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_

### COMPLETION & TEST DATA BY PRODUCING FORMATION 319WDFD, 354LCNEY

FORMATION	Woodford	Caney				
SPACING & SPACING ORDER NUMBER	655780 (640)	655780 (640)				
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Gas	Gas				
PERFORATED INTERVALS	11,330' - 14,920'	15,220' - 16,217'				
ACID/VOLUME	32,000 gal	15% HCl				
FRACTURE TREATMENT (Fluids/Prop Amounts)	143,948 bbl	2,952,767 lbs of	40/70	170,100 lbs of	100mesh	

Reported to Frac Focus

☒ Min Gas Allowable (165:10-17-7) OR Oil Allowable (165:10-13-3) Gas Purchaser/Measurer MarkWest First Sales Date 4/23/2017

### INITIAL TEST DATA

INITIAL TEST DATE	5/23/2017
OIL-BBL/DAY	
OIL-GRAVITY (API)	
GAS-MCF/DAY	3975
GAS-OIL RATIO CU FT/BBL	
WATER-BBL/DAY	290
PUMPING OR FLOWING	Flowing
INITIAL SHUT-IN PRESSURE	580
CHOKE SIZE	128/64
FLOW TUBING PRESSURE	60

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.

SIGNATURE Tyler Harold 7/24/2017 918-894-4481  
1323 East 71st St, Suite 400 Tulsa OK 74136 tharold@bravonr.com  
ADDRESS CITY STATE ZIP EMAIL ADDRESS

Per Tyler Harold

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 Pistol WELL NO. 1-9/16H

NAMES OF FORMATIONS	TOP
Caney	9,995
Woodford	10,280

FOR COMMISSION USE ONLY

ITD on file ☐ YES ☐ NO

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

2) Reject Codes

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Were open hole logs run? \_\_\_\_ yes X no

Date Last log was run \_\_\_\_\_

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

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

Were unusual drilling circumstances encountered? \_\_\_\_ yes X no

If yes, briefly explain below

Other remarks: OCC - Per Operator pulled up short cut fault

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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			Feet From 1/4 Sec Lines		FSL	FEL
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	09	TWP	01N	RGE	11E	COUNTY	Coal							
Spot Location							Feet From 1/4 Sec Lines		FSL	213	FEL	2068		
SE 1/4 SW 1/4 SW 1/4 NE 1/4														
Depth of Deviation				10,108		Radius of Turn		483		Direction		181	Total Length	7,000
Measured Total Depth				16,230		True Vertical Depth		10,306		BHL From Lease, Unit, or Property Line:			213	

LATERAL #2

SEC	TWP	RGE	COUNTY			
Spot Location						
1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
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:			

