

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.: 35063248390002

**Completion Report**

Spud Date: August 30, 2018

OTC Prod. Unit No.: 063-225241-0-0000

Drilling Finished Date: October 02, 2018

1st Prod Date: March 08, 2019

Completion Date: February 01, 2019

**Drill Type:** HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: JERRY 1-13/12/1H

Purchaser/Measurer: MARKWEST

Location: HUGHES 13 8N 11E  
SW NE SE NE  
1855 FNL 625 FEL of 1/4 SEC  
Latitude: 35.1688804 Longitude: -96.09043331  
Derrick Elevation: 754 Ground Elevation: 731

First Sales Date: 03/08/2019

Operator: BRAVO ARKOMA LLC 23562

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

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	687994		There are no Increased Density records to display.	
	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	970		277	SURFACE
PRODUCTION	5 1/2	20	P-110	13700		1875	2678

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

**Total Depth: 13764**

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
Apr 08, 2019	WOODFORD			2510		679	FLOWING	540	128/64	72

<b>Completion and Test Data by Producing Formation</b>	
Formation Name: WOODFORD	Code: 319WDFD
Class: GAS	

Spacing Orders	
Order No	Unit Size
668135	640
668322	640
687993	MULTIUNIT

Perforated Intervals	
From	To
5412	13639

Acid Volumes
52,000 GALLONS 15% HCL

Fracture Treatments
250,640 BARRELS, 7,801,140 POUNDS 40/70 SAND

Formation	Top
WOODFORD	4845

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

<b>Other Remarks</b>
OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED NEITHER THE FINAL LOCATION EXCEPTION NOR THE FINAL MULTIUNIT ORDERS HAVE BEEN ISSUED.

<b>Lateral Holes</b>
Sec: 1 TWP: 8N RGE: 11E County: HUGHES  NW   SE   NE   SE  1963 FSL   365 FEL of 1/4 SEC  Depth of Deviation: 4250 Radius of Turn: 620 Direction: 356 Total Length: 9098  Measured Total Depth: 13764 True Vertical Depth: 4907   End Pt. Location From Release, Unit or Property Line: 365

<b>FOR COMMISSION USE ONLY</b>	
Status: Accepted	1142848

API NO. 3506324839  
OTC PROD. 063225241  
UNIT NO.

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

RECEIVED

MAY 09 2019

OKLAHOMA CORPORATION  
COMMISSION

Form 1002A  
Rev. 2009

☒ 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	HUGHES	SEC	13	TWP	08N	RGE	11E	SPUD DATE	8/30/18
LEASE NAME	Jerry	WELL NO.	-13/12/11	DATE OF WELL COMPLETION	10/2/18	DATE OF WELL COMPLETION	2/1/19	DATE OF WELL COMPLETION	3/8/19
SW 1/4 NE 1/4 SE 1/4 NE 1/4	1855	FEET OF 1/4 SEC	625	RECOMP DATE		RECOMP DATE		RECOMP DATE	
ELEVATION N Derrick	754	Ground	731	Latitude (if known)	35.1688804	Longitude (if known)	-96.09043331	Longitude (if known)	
OPERATOR NAME	Bravo Arkoma, LLC	OTC/OCC OPERATOR NO.	23562	OTC/OCC OPERATOR NO.	23562	OTC/OCC OPERATOR NO.	23562	OTC/OCC OPERATOR NO.	23562
ADDRESS	1323 East 71st Street, Suite 400	ADDRESS	1323 East 71st Street, Suite 400	ADDRESS	1323 East 71st Street, Suite 400	ADDRESS	1323 East 71st Street, Suite 400	ADDRESS	1323 East 71st Street, Suite 400
CITY	Tulsa	STATE	OK	ZIP	74136	STATE	OK	ZIP	74136

640 Acres


LOCATE WELL

COMPLETION TYPE

<input checked="" type="checkbox"/> SINGLE ZONE	
<input type="checkbox"/> MULTIPLE ZONE	
Application Date	
COMMINGLED	
Application Date	
LOCATION EXCEPTION	687994 I.O.
ORDER NO.	
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	970		277	Surface
INTERMEDIATE							
PRODUCTION	5 1/2	20	P-110	13700		1875	2678
LINER							

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

TOTAL DEPTH 13,764

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Woodford	319 WDFD			
SPACING & SPACING ORDER NUMBER	668135 (640)	668322 (640)	687993 (640)	Monitor Report to Forc Focus	
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Gas				
PERFORATED INTERVALS	5,412' - 13,639'				
ACID/VOLUME	52,000 gal	15% HCl			
FRACTURE TREATMENT (Fluids/Prop Amounts)	250,640 bbls	7,801,140 lbs of	40/70 Sand		

Min Gas Allowable (165:10-17-7)

Gas Purchaser/Measurer

MarkWest

☒

OR

First Sales Date

3/8/2019

INITIAL TEST DATA

INITIAL TEST DATE	4/8/2019				
OIL-BBL/DAY	0				
OIL-GRAVITY ( API)	NA				
GAS-MCF/DAY	2510				
GAS-OIL RATIO CU FT/BBL	NA				
WATER-BBL/DAY	679				
PUMPING OR FLOWING	Flowing				
INITIAL SHUT-IN PRESSURE	540				
CHOKE SIZE	128/64				
FLOW TUBING PRESSURE	72				

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	DATE	5/10/19	PHONE NUMBER	918-894-4481
1323 East 71st St, Suite 400	Tulsa	OK	74136	tharold@bravonr.com	
ADDRESS	CITY	STATE	ZIP	EMAIL ADDRESS	

## FORMATION RECORD

LEASE NAME Jerry WELL NO. 1-13/12/1H

NAMES OF FORMATIONS	TOP
Woodford	4,845

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?      ☐ yes    ☒ no

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

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:

640 Acres

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

0-40 Acres

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

LATERAL #1									
SEC 1	TWP 08N	RGE 11E	COUNTY HUGHES						
Spot Location NW 1/4 SE 1/4 NE 1/4 SE 1/4			Feet From 1/4 Sec Lines			FSL 1963		FEL 365	
Depth of Deviation 4,250		Radius of Turn 620		Direction 356		Total Length 9,098			
Measured Total Depth 13,764		True Vertical Depth 4,907		BHL From Lease, Unit, or Property Line: 365					

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:			

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:			

**BNR** *Well Location Plat As-Drilled*  
Bravo Natural Resources, LLC

Operator: BRAVO NATURAL RESOURCES, LLC  
Lease Name and No.: JERRY 1-13/12/1H  
Footage: 1855' FNL - 625' FEL Gr. Elevation: 731'  
Section: 13 Township: 8N Range: 11E I.M.  
County: Hughes State of Oklahoma  
Terrain at Loc.: Location fell in a pasture.

*S.H.L. Sec. 13-8N-11E I.M.*  
*B.H.L. Sec. 1-8N-11E I.M.*



All bearings shown  
are rigid bearings.

 $1'' = 1500'$ 

GPS DATUM  
NAD 27  
OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 35°10'07.97"N  
Lon: 96°05'25.56"W  
Lat: 35.16888035  
Lon: -96.09043331  
X: 2570712  
Y: 673392

Last Perf.:  
Lat: 35°10'15.41"N  
Lon: 96°05'22.32"W  
Lat: 35.17094642  
Lon: -96.08953366  
X: 2570967  
Y: 674149

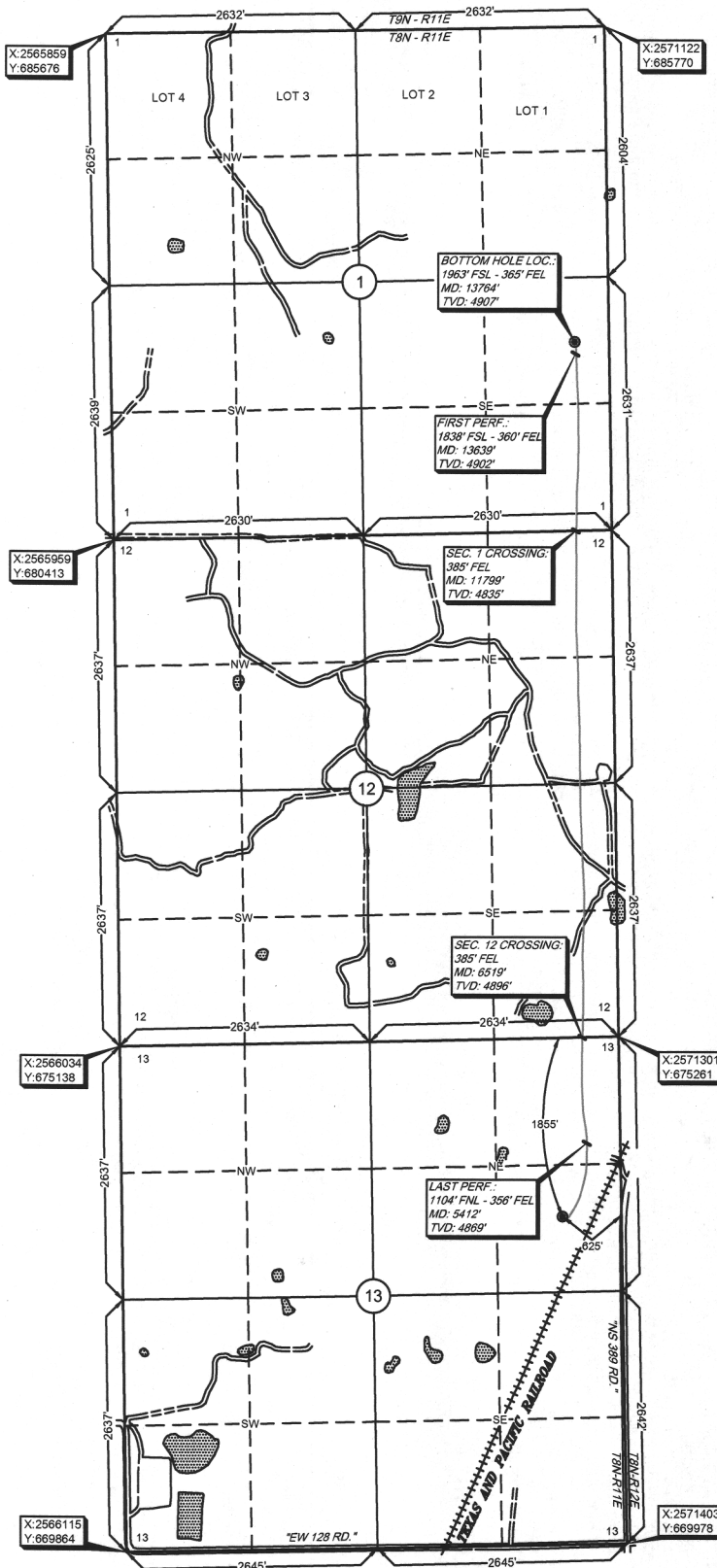
Sec. 12 Crossing:  
Lat: 35°10'26.33"N  
Lon: 96°05'22.68"W  
Lat: 35.17397957  
Lon: -96.08963333  
X: 2570916  
Y: 675252

Sec. 1 Crossing:  
Lat: 35°11'18.50"N  
Lon: 96°05'22.47"W  
Lat: 35.18847158  
Lon: -96.08957626  
X: 2570834  
Y: 680526

First Perf.:  
Lat: 35°11'36.68"N  
Lon: 96°05'22.16"W  
Lat: 35.19352112  
Lon: -96.08949017  
X: 2570825  
Y: 682364

Bottom Hole Loc.:  
Lat: 35°11'37.91"N  
Lon: 96°05'22.23"W  
Lat: 35.19386411  
Lon: -96.08950814  
X: 2570817  
Y: 682489

Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTR - GPS. Note: X and Y data station location for Section Corners may NOT have been collected by this survey. The distance between adjacent section corners is assumed at a proportional distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

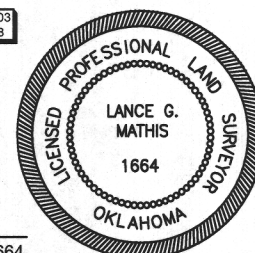


Survey and plat by:  
**Arkoma Surveying and Mapping, PLLC**  
P.O. Box 238 Wilburton, OK 74578  
Ph. 918-465-5711 Fax 918-465-5030  
Certificate of Authorization No. 5348  
Expires June 30, 2020  
Invoice #7978-B-AD  
Date Staked: 07/09/18 By: D.A.  
Date Drawn: 07/11/18 By: J.K.  
Issued As-Drilled: 02/01/19 By: J.H.

**Certification:**

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

  
LANCE G. MATHIS



7/1/19  
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.: 5063248390002

**Completion Report**

Spud Date: August 30, 2018

OTC Prod. Unit No.: 063-225241-0-0000

Drilling Finished Date: October 02, 2018

1st Prod Date: March 08, 2019

Completion Date: February 01, 2019

**Drill Type: HORIZONTAL HOLE**

Min Gas Allowable: Yes

Well Name: JERRY 1-13/12/1H

Purchaser/Measurer: MARKWEST

Location: HUGHES 13 8N 11E  
SW NE SE NE  
1855 FNL 625 FEL of 1/4 SEC  
Latitude: 35.1688804 Longitude: -96.09043331  
Derrick Elevation: 754 Ground Elevation: 731

First Sales Date: 03/08/2019

Operator: BRAVO ARKOMA LLC 23562

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

*Multunit!*

Sec. 1: 22.37% 225241 I  
Sec. 12: 64.18% 225241A I  
Sec. 13: 13.45% 225241B I

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception	
Order No	
687994	

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

*Multunit FO:  
699814*

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20			40			SURFACE
SURFACE	9 5/8	40	J-55	970		277	SURFACE
PRODUCTION	5 1/2	20	P-110	13700		1875	2678

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

**Total Depth: 13764**

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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June 26, 2019

*E2 E2 E2 4/8/19 319WDFD 540*

1 of 2

*JK*

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
Apr 08, 2019	WOODFORD			2510		679	FLOWING	540	128/64	72

**Completion and Test Data by Producing Formation**

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

**Spacing Orders**

Order No	Unit Size
668135 (1 & 12)	640 H
668322 (13)	640 H
687993	MULTIUNIT

**Perforated Intervals**

From	To
5412	13639

**Acid Volumes**

52,000 GALLONS 15% HCL
------------------------

**Fracture Treatments**

250,640 BARRELS, 7,801,140 POUNDS 40/70 SAND
--

Formation	Top
WOODFORD	4845

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

**Other Remarks**

OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED NEITHER THE FINAL LOCATION EXCEPTION NOR THE FINAL MULTIUNIT ORDERS HAVE BEEN ISSUED.

**Lateral Holes**

Sec: 1 TWP: 8N RGE: 11E County: HUGHES

NW SE NE SE

1963 FSL 365 FEL of 1/4 SEC

Depth of Deviation: 4250 Radius of Turn: 620 Direction: 356 Total Length: 9098

Measured Total Depth: 13764 True Vertical Depth: 4907 End Pt. Location From Release, Unit or Property Line: 365

**FOR COMMISSION USE ONLY**

Status: Accepted

1142848

## FORMATION RECORD

LEASE NAME Jerry WELL NO. 1-13/12/1H

NAMES OF FORMATIONS	TOP
Woodford	4,845

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?      ☐ yes    ☒ no

Date Last log was run      \_\_\_\_\_

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:

640 Acres

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

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 above the grid.

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

LATERAL #1									
SEC 1	TWP 08N	RGE 11E	COUNTY HUGHES						
Spot Location NW 1/4			SE 1/4			NE 1/4		SE 1/4	
Feet From 1/4 Sec Lines			FSL 1963			FEL 365			
Depth of Deviation 4,250		Radius of Turn 620		Direction 356		Total Length 9,098			
Measured Total Depth 13,764		True Vertical Depth 4,907		BHL From Lease, Unit, or Property Line: 365					

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:		

EXTERNAL FS						
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:		