

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.: 35063248400001

Completion Report

Spud Date: August 29, 2018

OTC Prod. Unit No.: 063-225242-0-0000

Drilling Finished Date: October 12, 2018

1st Prod Date: March 08, 2019

Completion Date: February 01, 2019

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: JERRY 2-13/24/25H

Purchaser/Measurer: MARKWEST

Location: HUGHES 13 8N 11E
SW NE SE NE
1870 FNL 625 FEL of 1/4 SEC
Latitude: 35.1688391 Longitude: -96.09043329
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	687195		685315	
	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	976		277	SURFACE
PRODUCTION	5 1/2	20	P-110	12449		1660	3550

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

Total Depth: 12471

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

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			3547		1089	FLOWING	378	128/64	104

Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

Spacing Orders

Order No	Unit Size
656675	640
668322	640
687194	MULTIUNIT

Perforated Intervals

From	To
4932	12339

Acid Volumes

35,000 GALLONS 15% HCL

Fracture Treatments

211,227 BARRELS, 7,559,100 POUNDS 40/70 SAND

Formation	Top
WOODFORD	4305

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: 25 TWP: 8N RGE: 11E County: HUGHES

SW NE NE NE

362 FNL 372 FEL of 1/4 SEC

Depth of Deviation: 4251 Radius of Turn: 329 Direction: 179 Total Length: 9058

Measured Total Depth: 12471 True Vertical Depth: 4378 End Pt. Location From Release, Unit or Property Line: 362

FOR COMMISSION USE ONLY

Status: Accepted

1142847

API NO.	3506324840
OTC PROD. UNIT NO.	063225242

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

<input checked="" type="checkbox"/>	ORIGINAL
<input type="checkbox"/>	AMENDED (Reason)

COMPLETION REPORT

TYPE OF DRILLING OPERATION

☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE

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

COUNTY	HUGHES	SEC	13	TWP	08N	RGE	11E	DATE OF WELL COMPLETION	2/1/19
LEASE NAME	Jerry					WELL NO.	13/24/254	PROD DATE	3/8/19
SW 1/4	NE 1/4	SE 1/4	NE 1/4	FWL OF 1/4 SEC	1870	FEL OF 1/4 SEC	625	RECOMP DATE	
ELEVATION N Derrick	754	Ground	731	Latitude (if known)	35.1688391			Longitude (if known)	-96.09043329
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

X

COMPLETION TYPE

X	SINGLE ZONE	
	MULTIPLE ZONE	
	Application Date	
	COMMINGLED	
	Application Date	
LOCATION EXCEPTION		687195 <i>I.O.</i>
ORDER NO.		
INCREASED DENSITY		685315
ORDER NO.		

CASING & CEMENT (Form 1002C must be attached)

GRADING & SEWERS (Only 100% must be attached)							
TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF GMT
CONDUCTOR	20			40			Surface
SURFACE	9 5/8	40	J-55	976		277	Surface
INTERMEDIATE							
PRODUCTION	5 1/2	20	P-110	12449		1660	3550
LINER							
PLUG @	TYPE	PLUG @	TYPE	TOTAL DEPTH			12,471

PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____
 PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____

COMPLETION & TEST DATA BY PRODUCING FORMATION. 319 WDFD

FORMATION	Woodford					
SPACING & SPACING ORDER NUMBER	668322 (640)	656675 (640)	687194 (MU)			Monitor Report to?
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Gas					
PERFORATED INTERVALS						
	4,932' - 12,339'					
ACID/VOLUME	35,000 gal	15% HCl				
FRACTURE TREATMENT (Fluids/Prop Amounts)						
	211,227 bbls	7,559,100 lbs of	40/70 Sand			

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

☒ OR

Oil Allowable (165:10-13-3)

Gas Purchaser/Measurer
First Sales Date


MarkWest
3/8/2019

INITIAL TEST DATA

INITIAL TEST DATE	4/8/2019					
OIL-BBL/DAY	0					
OIL-GRAVITY (API)	NA					
GAS-MCF/DAY	3547					
GAS-OIL RATIO CU FT/BBL	NA					
WATER-BBL/DAY	1089					
PUMPING OR FLOWING	Flowing					
INITIAL SHUT-IN PRESSURE	378					
CHOKE SIZE	128/64					
FLOW TUBING PRESSURE	104					

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 NAME (PRINT OR TYPE)		5/6/19 DATE		918-894-4481 PHONE NUMBER	
1323 East 71st St, Suite 400 ADDRESS		Tulsa CITY		OK 74136 STATE ZIP		tharold@bravonr.com EMAIL ADDRESS	

FORMATION RECORD

LEASE NAME Jerry WELL NO. 2-13/24/25H

NAMES OF FORMATIONS	TOP
Woodford	4,305

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 X no

Date Last log was run

Was CO₂ encountered? ___ yes X no at what depths? _____

Was H₂S encountered? ___ yes X no at what depths? _____

Were unusual drilling circumstances encountered? ___ yes X no

If yes, briefly explain below

640 Acres

x

640 Acres

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:		

LATERAL #1											
SEC	25	TWP	08N	RGE	11E	COUNTY HUGHES					
Spot Location		NE 1/4			NE 1/4		NE 1/4		Feet From 1/4 Sec Lines	FNL 362	FEL 372
Depth of Deviation		4,251			Radius of Turn		329		Direction	179	
Measured Total Depth		12,471			True Vertical Depth		4,378		BHL From Lease, Unit, or Property Line:		
									362		

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:			



Well Location Plat As-Drilled

S.H.L. Sec. 13-8N-11E I.M.
B.H.L. Sec. 25-8N-11E I.M.

Operator: BRAVO NATURAL RESOURCES, LLC
Lease Name and No.: JERRY 2-13/24/25H
Footage: 1870' 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.



All bearings shown
are grid bearings.



1" = 1500'

GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°10'07.82"N
Lon: 96°05'25.56"W
Lat: 35.16883914
Lon: -96.09043329
X: 2570713
Y: 673377

Last Perf.:
Lat: 35°09'52.78"N
Lon: 96°05'22.61"W
Lat: 35.16466050
Lon: -96.08961269
X: 2570987
Y: 671861

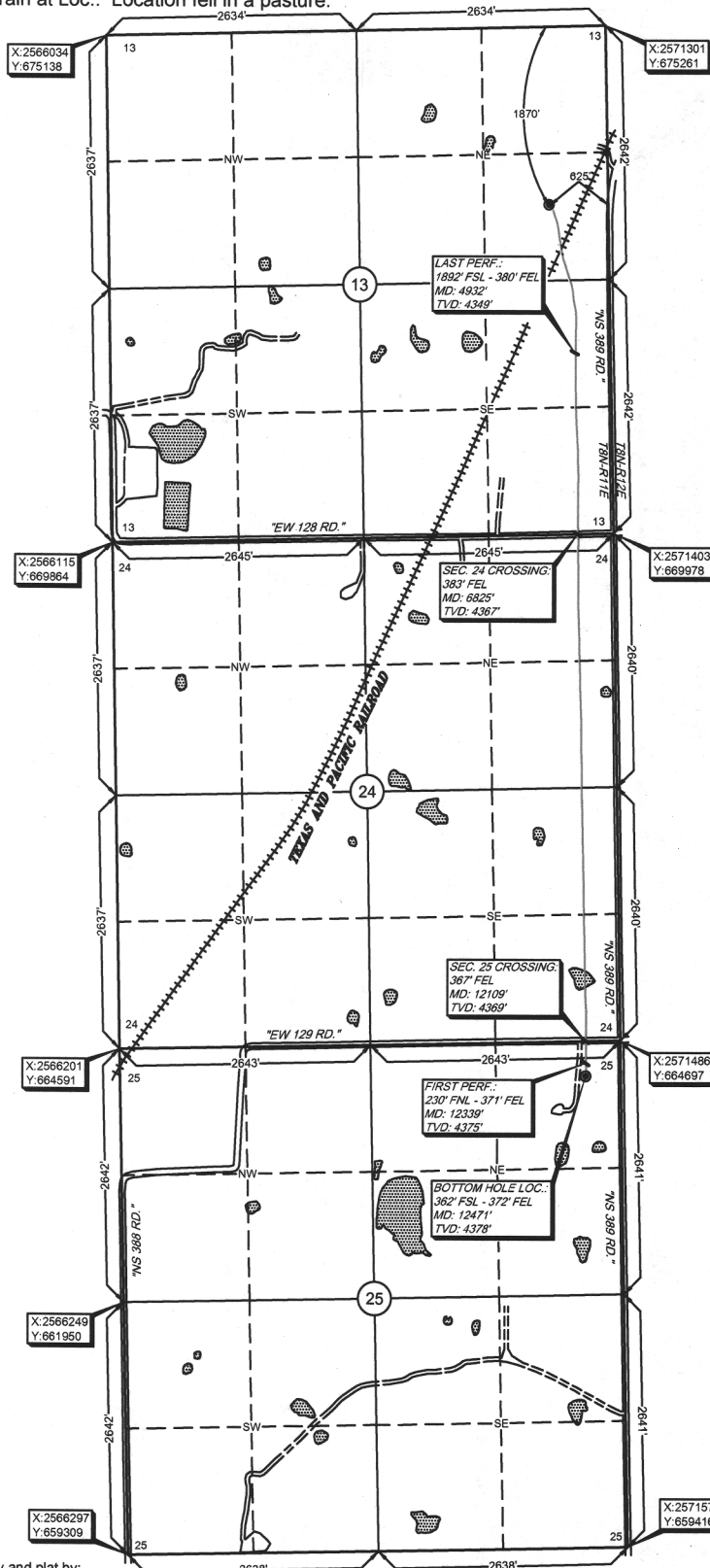
Sec. 24 Crossing:
Lat: 35°09'34.06"N
Lon: 96°05'22.63"W
Lat: 35.15946233
Lon: -96.08961873
X: 2571021
Y: 669969

Sec. 25 Crossing:
Lat: 35°08'41.84"N
Lon: 96°05'22.65"W
Lat: 35.14495523
Lon: -96.08962417
X: 2571119
Y: 664690

First Perf.:
Lat: 35°08'39.57"N
Lon: 96°05'22.71"W
Lat: 35.14432398
Lon: -96.08964068
X: 2571118
Y: 664460

Bottom Hole Loc.:
Lat: 35°08'38.26"N
Lon: 96°05'22.72"W
Lat: 35.14396141
Lon: -96.08964417
X: 2571120
Y: 664328

Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, and the accuracy of this survey is guaranteed. The location of the well is shown on this plat as a true boundary survey. The location of the well is shown on this plat as a true boundary survey. The location of the well is shown on this plat as 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-A-AD
Date Staked: 07/09/18 By: D.A.
Date Drawn: 07/11/18 By: J.K.
Added Sec. & Rev. Use Names: 08/03/18 By: K.B.
Added LP & BHL: 08/29/18 By: J.D.
Rev. BHL: 09/10/18 By: J.K.

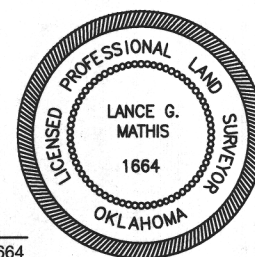
Certification:

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
LANCE G. MATHIS

02/04/19

OK LPLS 1664



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.: 063248400001

Completion Report

Spud Date: August 29, 2018

OTC Prod. Unit No.: 063-225242-0-0000

Drilling Finished Date: October 12, 2018

1st Prod Date: March 08, 2019

Completion Date: February 01, 2019

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: JERRY 2-13/24/25H

Purchaser/Measurer: MARKWEST

Location: HUGHES 13 8N 11E
SW NE SE NE
1870 FNL 625 FEL of 1/4 SEC
Latitude: 35.1688391 Longitude: -96.09043329
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

Multifunit:

Sec. 13: 25.55% 225242 I
Sec. 24: 71.34% 225242A I
Sec. 25: 3.11% 225242B I

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception	
Order No	
687195	

Increased Density	
Order No	
685315	

Multifunit FO:
699824

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20			40			SURFACE
SURFACE	9 5/8	40	J-55	976		277	SURFACE
PRODUCTION	5 1/2	20	P-110	12449		1660	3550

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

Total Depth: 12471

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

June 26, 2019

1 of 2

E2
E2
E2

4/8/19

319WDFD

378

GR

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			3547		1089	FLOWING	378	128/64	104

Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

Spacing Orders

Order No	Unit Size
656675 (25)	640 H
668322 (13 & 24)	640 H
687194	MULTIUNIT

Perforated Intervals

From	To
4932	12339

Acid Volumes

35,000 GALLONS 15% HCL

Fracture Treatments

211,227 BARRELS, 7,559,100 POUNDS 40/70 SAND
--

Formation	Top
WOODFORD	4305

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: 25 TWP: 8N RGE: 11E County: HUGHES

SW NE NE NE

362 FNL 372 FEL of 1/4 SEC

Depth of Deviation: 4251 Radius of Turn: 329 Direction: 179 Total Length: 9058

Measured Total Depth: 12471 True Vertical Depth: 4378 End Pt. Location From Release, Unit or Property Line: 362

FOR COMMISSION USE ONLY

Status: Accepted

1142847

FORMATION RECORD

LEASE NAME Jerry

WELL NO. 2-13/24/25H

NAMES OF FORMATIONS	TOP
Woodford	4,305

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 CO₂ encountered? ☐ yes ☒ no at what depths? _____

Was H₂S encountered? ☐ yes ☒ no at what depths? _____

Were unusual drilling circumstances encountered? ☐ yes ☒ no

If yes, briefly explain below

Other remarks:

640 Acres

x

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 contains a small black dot in the bottom-left corner. The text '640 Acres' is centered above the grid.

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:	

LATERAL #1										
SEC	25	TWP	08N	RGE	11E	COUNTY				HUGHES
Spot Location		NE SW		NE 1/4	NE 1/4	NE 1/4	Feet From 1/4 Sec Lines		FNL 362	FEL 372
Depth of Deviation		4,251		Radius of Turn		329		Direction 179	Total Length	9,058
Measured Total Depth				True Vertical Depth		BHL From Lease, Unit, or Property Line:				
12,471				4,378		362				

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:		

EXTERNAL #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:			