

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.: 35063248290001

Completion Report

Spud Date: July 20, 2018

OTC Prod. Unit No.: 063-225792-0-0000

Drilling Finished Date: September 17, 2018

1st Prod Date: May 25, 2019

Completion Date: March 13, 2019

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: JOHNSON TRUST 3-9/16H

Purchaser/Measurer: MARKWEST

Location: HUGHES 8 8N 11E
SE SW NE SE
1497 FSL 814 FEL of 1/4 SEC
Latitude: 35.1779778 Longitude: -96.16170785
Derrick Elevation: 888 Ground Elevation: 865

First Sales Date: 05/25/2019

Operator: BRAVO ARKOMA LLC 23562

2 W 2ND ST STE 1700
TULSA, OK 74103-3100

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	700090		683310	
	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	1012		1530	SURFACE
PRODUCTION	5 1/2	20	P-110	11883		1530	2861

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

Total Depth: 11883

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
Jun 25, 2019	WOODFORD			2189		583	FLOWING	453	128/64	69

Completion and Test Data by Producing Formation	
Formation Name: WOODFORD	Code: 319WDFD
Class: GAS	

Spacing Orders	
Order No	Unit Size
662335	640
684945	640
700089	MULTIUNIT

Perforated Intervals	
From	To
5158	11786

Acid Volumes
46,000 GALLONS 15% HCL TOTAL ACID

Fracture Treatments
240,835 BARRELS TOTAL FLUID, 7,464,936 POUNDS TOTAL SAND

Formation	Top
WOODFORD	4342

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks
There are no Other Remarks.

Lateral Holes
Sec: 16 TWP: 8N RGE: 11E County: HUGHES SW SE SW SW 191 FSL 861 FWL of 1/4 SEC Depth of Deviation: 3793 Radius of Turn: 928 Direction: 182 Total Length: 6791 Measured Total Depth: 11883 True Vertical Depth: 4480 End Pt. Location From Release, Unit or Property Line: 191

FOR COMMISSION USE ONLY	
Status: Accepted	1143548

API NO. 35-063-24829
OTC PROD. UNIT NO. 063225792

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

JUL 18 2019

OKLAHOMA CORPORATION
COMMISSION

Form 1002A
Rev. 2009

☒ 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	Hughes	SEC	08	TWP	08N	RGE	11E	SPUD DATE	7/20/18
LEASE NAME	Johnson Trust			WELL NO.	3-9/16H			DRLG FINISHED DATE	9/17/18
SE 1/4 SW 1/4 NE 1/4 SE 1/4	FSL OF 1/4 SEC 1497			FEL OF 1/4 SEC	814			DATE OF WELL COMPLETION	3/13/19
ELEVATION N Derrick	888	Ground	865	Latitude (if known)	35.1779778			1st PROD DATE	5/25/19
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

LOCATE WELL

COMPLETION TYPE

<input checked="" type="checkbox"/> SINGLE ZONE
<input type="checkbox"/> MULTIPLE ZONE
Application Date
COMINGLED
Application Date
LOCATION
EXCEPTION ORDER
INCREASED DENSITY
ORDER NO. 683310

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	1012		310	Surface
INTERMEDIATE							
PRODUCTION	5 1/2	20	P-110	11,883		1530	2861
LINER							
						TOTAL DEPTH	11,883

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

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Woodford						
SPACING & SPACING ORDER NUMBER	662335 (640)	684945 (640)	688320 (MU)	700089			
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Gas						
PERFORATED INTERVALS	5,158' - 11,786'						
ACID/VOLUME	46,000 gal	15% HCl					
FRACTURE TREATMENT (Fluids/Prop Amounts)	240,835 bbls	7,464,936 lbs of	40/70 Sand				

Min Gas Allowable (165:10-17-7) ☒ OR
Oil Allowable (165:10-13-3) _____
Gas Purchaser/Measurer MarkWest
First Sales Date 5/25/2019

INITIAL TEST DATA

INITIAL TEST DATE	6/25/2019						
OIL-BBL/DAY	0						
OIL-GRAVITY (API)	0						
GAS-MCF/DAY	2189						
GAS-OIL RATIO CU FT/BBL	0						
WATER-BBL/DAY	583						
PUMPING OR FLOWING	Flowing						
INITIAL SHUT-IN PRESSURE	453						
CHOKE SIZE	128/64						
FLOW TUBING PRESSURE	69						

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 _____ NAME (PRINT OR TYPE) Tyler Harold
Two West 2nd Street, Suite 1700 Tulsa OK 74103
ADDRESS CITY STATE ZIP
DATE 7/10/19 PHONE NUMBER 918-591-3967
EMAIL ADDRESS tharold@bravonr.com

FORMATION RECORD

LEASE NAME Johnson Trust WELL NO. 3-9/16H

NAMES OF FORMATIONS	TOP
Woodford	4,342

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

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 blank 10x10 grid for graphing, with a thick horizontal line and a thick vertical line intersecting at the center. The grid is divided into four 5x5 quadrants. The top-left quadrant is labeled 'x < 0, y > 0', the top-right 'x > 0, y > 0', the bottom-left 'x < 0, y < 0', and the bottom-right 'x > 0, y < 0'. The axes are labeled 'x' and 'y' at the ends.

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:

LATERAL #1										Per Final Order 22																	
SEC 16		TWP		08N		RGE		11E		COUNTY Hughes																	
Spot Location																											
SW 1/4		SE 1/4		SW 1/4		SW 1/4		SW 1/4		Feet From 1/4 Sec Lines					FSL 288 191		FWL 865 861										
Depth of Deviation				3,793				Radius of Turn				928				Direction				182		Total Length				6,791	
Measured Total Depth						True Vertical Depth						BHL From Lease, Unit, or Property Line:															
11,883						4,480						288 191															

SEC	TWP	RGE	COUNTY			
Spot Location				Feet From 1/4 Sec Lines	FNL	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. 8-8N-11E I.M.
B.H.L. Sec. 16-8N-11E I.M.

Operator: BRAVO NATURAL RESOURCES, LLC
Lease Name and No.: JOHNSON TRUST 3-9/16H
Footage: 1497' FSL - 814' FEL Gr. Elevation: 865'
Section: 8 Township: 8N Range: 11E I.M.
County: Hughes State of Oklahoma
Terrain at Loc.: Location fell on existing location.

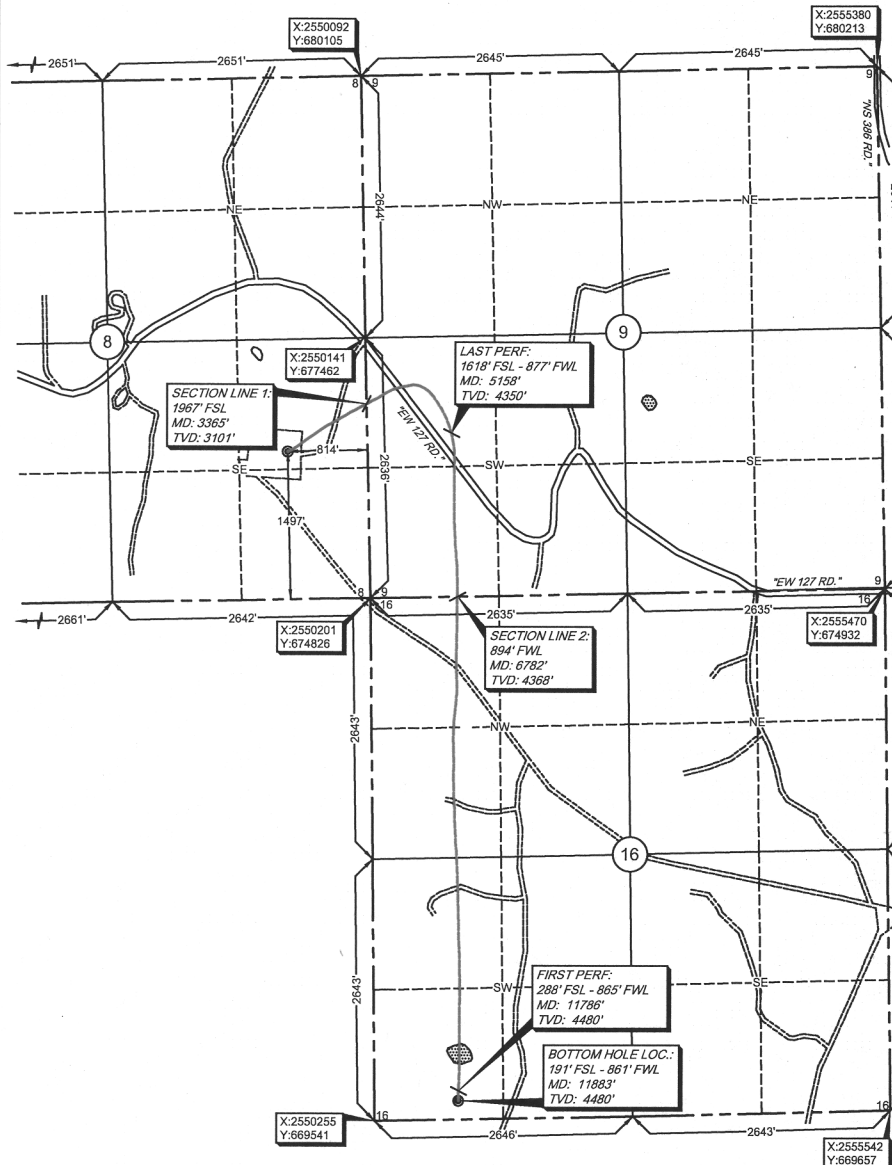


All bearings shown
are grid bearings.



1" = 1500'

GPS DATUM
NAD 27
OK SOUTH ZONE



Surface Hole Loc:
Lat: 35°10'40.72"N
Lon: 96°09'42.15"W
Lat: 35.17797781
Lon: -96.16170785
X: 2549353
Y: 676307

Section Line 1:
Lat: 35°10'45.37"N
Lon: 96°09'32.37"W
Lat: 35.17927080
Lon: -96.15899061
X: 2550156
Y: 676793

Last Perf:
Lat: 35°10'41.94"N
Lon: 96°09'21.79"W
Lat: 35.17831583
Lon: -96.15605201
X: 2551040
Y: 676461

Section Line 2:
Lat: 35°10'25.94"N
Lon: 96°09'21.48"W
Lat: 35.17387121
Lon: -96.15596670
X: 2551095
Y: 674844

First Perf:
Lat: 35°09'36.50"N
Lon: 96°09'22.32"W
Lat: 35.16013919
Lon: -96.15620016
X: 2551117
Y: 669846

Bottom Hole
Lat: 35°09'35.54"N
Lon: 96°09'22.39"W
Lat: 35.15987311
Lon: -96.15621839
X: 2551113
Y: 669749

-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 RTK - GPS.
-NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.
-Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate 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 #6954-B-C-AD
Date Staked: 07/09/18 By: D.A.
Date Drawn: 07/11/18 By: C.K.
Added LP & BHL: 07/20/18 By: K.B.
Add As-Drilled: 03/06/17 By: S.S.

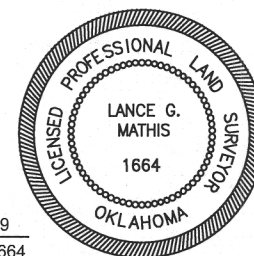
Certification:

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

03/08/19

OK LPLS 1664



11/1/19
Oklahoma Corporation Commission
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000
Rule 165: 10-3-25

Form 1002A

1016EZ

API No.: 063248290001

Completion Report

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1st Prod Date: May 25, 2019

Completion Date: March 13, 2019

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Min Gas Allowable: Yes

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Purchaser/Measurer: MARK WEST

Location: HUGHES 8 8N 11E
SE SW NE SE
1497 FSL 814 FEL of 1/4 SEC
Latitude: 35.1779778 Longitude: -96.16170785
Derrick Elevation: 888 Ground Elevation: 865

First Sales Date: 05/25/2019

Operator: BRAVO ARKOMA LLC 23562

2 W 2ND ST STE 1700
TULSA, OK 74103-3100

Multiunit:

Sec. 8 (54) - 0 -

Sec. 9: 24.50% 225792 I

Sec. 16: 75.50% 225792A I

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
700090

Increased Density
Order No
683310

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20			40			SURFACE
SURFACE	9 5/8	40	J-55	1012		1530	SURFACE
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Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
There are no Liner records to display.								

Total Depth: 11883

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

October 02, 2019

6/25/19

319 WDFD

453

1 of 2

E2
E2

AR

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 25, 2019	WOODFORD			2189		583	FLOWING	453	128/64	69

Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

Spacing Orders

Order No	Unit Size
662335 (9)	640 H ✓
684945 (16)	640 H ✓
700089	MULTIUNIT

Perforated Intervals

From	To
5158	11786

Acid Volumes

46,000 GALLONS 15% HCL TOTAL ACID

Fracture Treatments

240,835 BARRELS TOTAL FLUID, 7,464,936 POUNDS TOTAL SAND

Formation	Top
WOODFORD	4342

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

There are no Other Remarks.

Lateral Holes

Sec: 16 TWP: 8N RGE: 11E County: HUGHES

SW SE SW SW

191 FSL 861 FWL of 1/4 SEC

Depth of Deviation: 3793 Radius of Turn: 928 Direction: 182 Total Length: 6791

Measured Total Depth: 11883 True Vertical Depth: 4480 End Pt. Location From Release, Unit or Property Line: 191

FOR COMMISSION USE ONLY

1143548

Status: Accepted