

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.: 35063246760001

**Completion Report**

Spud Date: June 10, 2017

OTC Prod. Unit No.: 063-225236-0-0000

Drilling Finished Date: November 09, 2018

1st Prod Date: March 05, 2019

Completion Date: January 23, 2019

**Drill Type:** HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: ANDERSON EAST 2-3/34H

Purchaser/Measurer: MARKWEST

Location: HUGHES 10 8N 11E  
SE NE NE NE  
595 FNL 210 FEL of 1/4 SEC  
Latitude: 35.1868473 Longitude: -96.12428711  
Derrick Elevation: 869 Ground Elevation: 846

First Sales Date: 03/05/2019

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	666553		665585	
	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	1124		435	SURFACE
PRODUCTION	5 1/2	20	P-110	14373		1960	4189

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

**Total Depth: 14375**

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
Mar 13, 2019	WOODFORD			3248		1699	FLOWING	373	128/64	529

#### Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

#### Spacing Orders

Order No	Unit Size
659540	640
666312	640
667976	MULTIUNIT

#### Perforated Intervals

From	To
5492	14244

#### Acid Volumes

53,964 GALLONS 15% HCL
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#### Fracture Treatments

309,561 BARRELS FRAC FLUID, 9,962,370 POUNDS 40/70 SAND
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Formation	Top
WOODFORD	4515

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 SUBMITTED.

#### Lateral Holes

Sec: 34 TWP: 9N RGE: 11E County: HUGHES

NW NW NE NE

166 FNL 1193 FEL of 1/4 SEC

Depth of Deviation: 4068 Radius of Turn: 714 Direction: 359 Total Length: 10980

Measured Total Depth: 14375 True Vertical Depth: 4333 End Pt. Location From Release, Unit or Property Line: 166

#### FOR COMMISSION USE ONLY

1142803

Status: Accepted

EMAIL ADDRESS

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.

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

NAMES OF FORMATIONS	TOP
Woodford	4,515

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

A blank 10x10 grid with a bold cross dividing it into four 5x5 quadrants. The top-right quadrant is labeled 'x' in its top-right cell.

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 with a bold cross dividing it into four 5x5 quadrants.

**BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE**

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:		

**BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)**

**LATERAL #1**

SEC 34	TWP 09N	RGE 11E	COUNTY HUGHES			
Spot Location NW 1/4 NW 1/4 NE 1/4 NE 1/4			Feet From 1/4 Sec Lines		FNL 166	FEL 1193
Depth of Deviation 4,068		Radius of Turn 714		Direction 359	Total Length 10,980	
Measured Total Depth 14,375		True Vertical Depth 4,333		BHL From Lease, Unit, or Property Line: 166		

## 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			
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:	

# BNR Well Location Plat As-Drilled

Bravo Natural Resources, LLC

Operator: BRAVO NATURAL RESOURCES

Lease Name and No. : ANDERSON EAST 2-3/34H

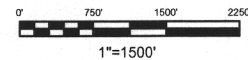
Footage : 595' FNL - 210' FEL GR. ELEVATION : 846' Good Site? YES

Section: 10 Township: 8N Range: 11E I.M.

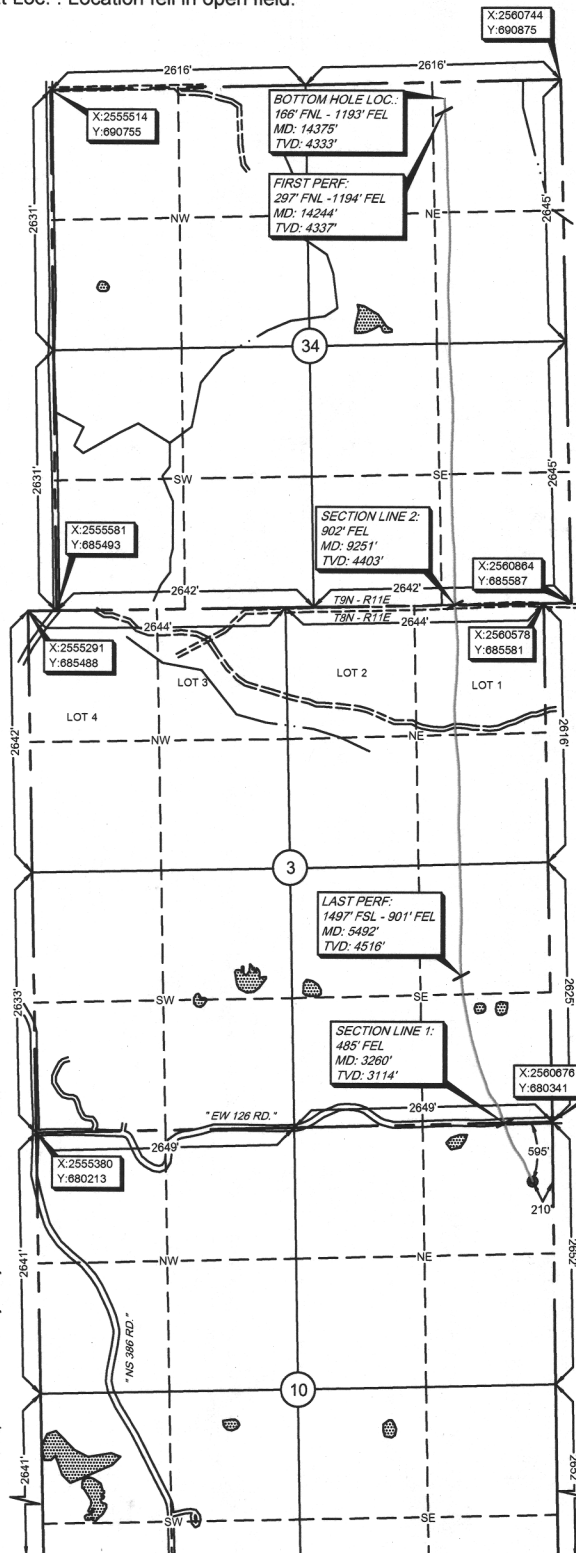
County : Hughes State of Oklahoma

Terrain at Loc. : Location fell in open field.

S.H.L. Sec. 10-8N-11E I.M.  
B.H.L. Sec. 34-9N-11E I.M.



GPS DATUM  
NAD 27  
OK SOUTH ZONE



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 errors are discovered. 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.  
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.

Surface Hole Loc.:  
Lat: 35°11'12.65"N  
Lon: 96°07'27.43"W  
Lat: 35.18684728  
Lon: -96.12428711  
X: 2560474  
Y: 679741

Section Crossing 1:  
Lat: 35°11'18.52"N  
Lon: 96°07'30.71"W  
Lat: 35.18847770  
Lon: -96.12519817  
X: 2560191  
Y: 680329

Last Perf:  
Lat: 35°11'33.30"N  
Lon: 96°07'35.73"W  
Lat: 35.19258341  
Lon: -96.12659128  
X: 2559747  
Y: 681815

Section Crossing 2:  
Lat: 35°12'10.39"N  
Lon: 96°07'35.74"W  
Lat: 35.20288749  
Lon: -96.12659496  
X: 2559676  
Y: 685565

First Perf:  
Lat: 35°12'59.72"N  
Lon: 96°07'36.06"W  
Lat: 35.21658973  
Lon: -96.12668421  
X: 2559557  
Y: 690551

Bottom Hole Loc.:  
Lat: 35°13'01.02"N  
Lon: 96°07'36.06"W  
Lat: 35.21694939  
Lon: -96.12668408  
X: 2559555  
Y: 690682

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

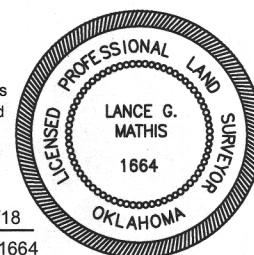
## Certification:

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

12/19/18

OK LPLS 1664



Invoice #7156-B-AD  
Date Staked : 05/26/17 By : D.A.  
Date Drawn : 06/09/17 By : R.S.  
Add As-Drilled : 06/15/17 By : S.S.  
Added Perfs : 12/19/18 By : S.S.



## FORMATION RECORD

LEASE NAME Anderson East WELL NO. 2-3/34H

NAMES OF FORMATIONS	TOP
Woodford	4,515

FOR COMMISSION USE ONLY	
ITD on file	<input type="checkbox"/> YES <input type="checkbox"/> NO
APPROVED	DISAPPROVED <div style="float: right; text-align: right;">             2) Reject Codes  <hr/><hr/><hr/><hr/><hr/><hr/> </div>

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

[illegible]

640 Acres

A 10x10 grid representing 640 acres. The top row is labeled 'x' in the 8th column from the left.

640 Acres

A 10x10 grid representing 640 acres. The grid is divided into four 5x5 quadrants by a thick central cross. The text '640 Acres' is centered at the top of 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 34	TWP 09N	RGE 11E	COUNTY HUGHES						
Spot Location NW 1/4			NW 1/4			NE 1/4		NE 1/4	
Feet From 1/4 Sec Lines			FNL 166		FEL 1193				
Depth of Deviation 4,068			Radius of Turn 714			Direction 359		Total Length 10,980	
Measured Total Depth 14,375			True Vertical Depth 4,333			BHL From Lease, Unit, or Property Line: 166			

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						
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:		