

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.: 35063246750001

**Completion Report**

Spud Date: June 12, 2017

OTC Prod. Unit No.: 063-225237-0-0000

Drilling Finished Date: October 29, 2018

1st Prod Date: March 05, 2019

Completion Date: January 23, 2019

**Drill Type:** HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: ANDERSON EAST 1-2/35H

Purchaser/Measurer: MARKWEST

Location: HUGHES 10 8N 11E  
SE NE NE NE  
610 FNL 210 FEL of 1/4 SEC  
Latitude: 35.186806 Longitude: -96.1242872  
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	666673		660067	
	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	1123		435	SURFACE
PRODUCTION	5 1/2	20	P-110	15977		2230	2855

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

**Total Depth: 16000**

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 05, 2019	WOODFORD			2890		649	FLOWING	308	128/64	130

Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

Spacing Orders

Order No	Unit Size
530078	640
665769	640
667287	MULTIUNIT

Perforated Intervals

From	To
5792	15874

Acid Volumes

66,036 GALLONS 15% HCL
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Fracture Treatments

360,797 BARRELS FRAC FLUID, 11,770,884 POUNDS 40/70 SAND
--

Formation	Top
WOODFORD	4577

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: 35 TWP: 9N RGE: 11E County: HUGHES  
  
 NE NE NE NW  
  
 169 FNL 2492 FWL of 1/4 SEC  
  
 Depth of Deviation: 4445 Radius of Turn: 629 Direction: 2 Total Length: 11360  
  
 Measured Total Depth: 16000 True Vertical Depth: 4519 End Pt. Location From Release, Unit or Property Line: 169

FOR COMMISSION USE ONLY

Status: Accepted

1142802

 SIGNATURE		Tyler Harold NAME (PRINT OR TYPE)		5/11/19 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 Anderson East WELL NO. 1-2/35H

NAMES OF FORMATIONS	TOP
Woodford	4,577

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


640 Acres

x

A 10x10 grid representing 640 acres. The top-left cell is labeled 'x'.

Directional surveys are required for all drainholes and directional wells.

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	35	TWP	09N	RGE	11E	COUNTY HUGHES			
Spot Location						Feet From 1/4 Sec Lines		FNL 169	FWL 2492
NE 1/4		NE 1/4		NE 1/4 NW 1/4					
Depth of Deviation 4,445				Radius of Turn 629		Direction 2		Total Length 11,360	
Measured Total Depth 16,000				True Vertical Depth 4,519		BHL From Lease, Unit, or Property Line: 169			

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:		

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. 10-8N-11E I.M.  
B.H.L. Sec. 35-9N-11E I.M.

Operator: BRAVO NATURAL RESOURCES  
Lease Name and No. : ANDERSON EAST 1-2/35H  
Footage : 610' 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.



0 750' 1500' 2250'

1"=1500'

GPS DATUM  
NAD 27  
OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 35°11'12.50"N  
Lon: 96°07'27.43"W  
Lat: 35.18680604  
Lon: -96.12428720  
X: 2560474  
Y: 679726

Section Crossing 1:  
Lat: 35°11'12.50"N  
Lon: 96°07'27.43"W  
Lat: 35.18683569  
Lon: -96.12358429  
X: 2560684  
Y: 679740

Section Crossing 2:  
Lat: 35°11'18.45"N  
Lon: 96°07'01.00"W  
Lat: 35.18845773  
Lon: -96.11694391  
X: 2562657  
Y: 680368

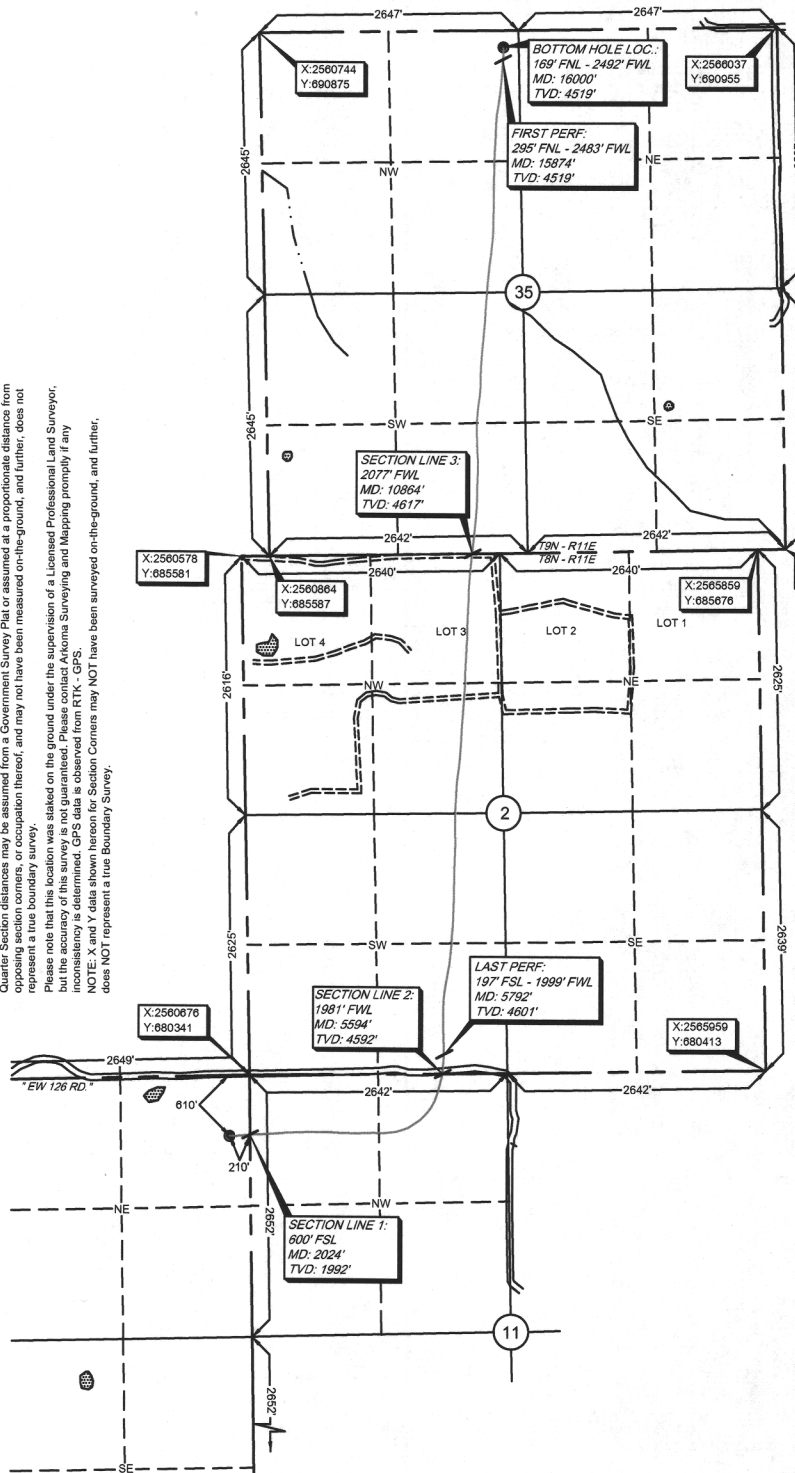
Last Perf:  
Lat: 35°11'20.40"N  
Lon: 96°07'00.78"W  
Lat: 35.18899902  
Lon: -96.11688347  
X: 2562672  
Y: 680565

Section Crossing 3:  
Lat: 35°12'10.37"N  
Lon: 96°06'56.40"W  
Lat: 35.20288112  
Lon: -96.11566771  
X: 2562940  
Y: 685624

First Perf:  
Lat: 35°12'59.71"N  
Lon: 96°06'51.74"W  
Lat: 35.21658504  
Lon: -96.11437350  
X: 2563234  
Y: 690618

Bottom Hole Loc.:  
Lat: 35°13'00.95"N  
Lon: 96°06'51.65"W  
Lat: 35.21693047  
Lon: -96.11434594  
X: 2563240  
Y: 690744

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.  
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 discrepancy is determined. GPS data is observed from RTK - GPS.  
NOTE: X and Y coordinates of Section Corners may NOT have been surveyed 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 #7156-A-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 : R.S./S.S.

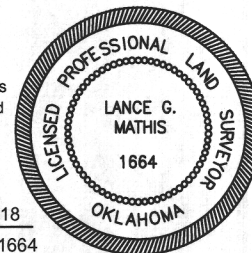
## Certification:

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*  
LANCE G. MATHIS

12/19/18

OK LPLS 1664



API NO. 006324675  
OTC PROD. UNIT NO. 063225237

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 06 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	10	TWP	8N	RGE	11E
LEASE NAME	Anderson East			WELL NO.	1-2/35H		
SE 1/4	NE 1/4	NE 1/4	NE 1/4	1/4 SEC	610	1/4 SEC	210
ELEVATION	869	Ground	846	Latitude (if known)	35.186806		
OPERATOR NAME	Bravo Arkoma, LLC			OTC/OCC OPERATOR NO.	23562		
ADDRESS	1323 East 71st Street, Suite 400						
CITY	Tulsa	STATE	OK	ZIP	74136		

SPUD DATE	6/12/17
DRLG FINISHED DATE	10/29/18
DATE OF WELL COMPLETION	1/23/19
1st PROD DATE	3/5/19
RECOMP DATE	
Longitude (if known)	-96.12428720

640 Acres		1016EZ
LOCATE WELL		

COMPLETION TYPE

<input checked="" type="checkbox"/> SINGLE ZONE
<input type="checkbox"/> MULTIPLE ZONE
Application Date
COMINGLED
Application Date
LOCATION EXCEPTION
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	1123		435	Surface
INTERMEDIATE							
PRODUCTION	5 1/2	20	P-110	15977		2230	2855
LINER							
TOTAL DEPTH							16,000

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

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Woodford	319WDED	10	Reported to FracFocus
SPACING & SPACING ORDER NUMBER	(1) 530078 (640)	(3) 665769 (640)	667287 (MU)	
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Gas			
PERFORATED INTERVALS	5,792' - 15,874			
ACID/VOLUME	66,036 gal	15% HCl		
FRACTURE TREATMENT (Fluids/Prop Amounts)	360,797 bbl	11,770,884 lbs of	40/70 Sand	

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

Gas Purchaser/Measurer  
First Sales Date

Markwest  
3/5/2019

INITIAL TEST DATA

INITIAL TEST DATE	4/5/2019
OIL-BBL/DAY	0
OIL-GRAVITY (API)	NA
GAS-MCF/DAY	2890
GAS-OIL RATIO CU FT/BBL	NA
WATER-BBL/DAY	649
PUMPING OR FLOWING	Flowing
INITIAL SHUT-IN PRESSURE	308
CHOKE SIZE	128/64
FLOW TUBING PRESSURE	130

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)	DATE	PHONE NUMBER
1323 East 71st St, Suite 400	Tulsa OK 74136	5/1/19	918-894-4481
ADDRESS	CITY STATE ZIP	EMAIL ADDRESS	

## FORMATION RECORD

LEASE NAME Anderson East

WELL NO. 1-2/35H

NAMES OF FORMATIONS	TOP
Woodford	4,577

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 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:

640 Acres

x

A 10x10 grid representing 640 acres. The top-left cell is labeled '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

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	35	TWP	09N	RGE	11E	COUNTY				HUGHES		
Spot Location						Feet From 1/4 Sec Lines		FNL	169	FWL	2492	
NE		1/4	NE		1/4	NE		1/4	NW		1/4	
Depth of Deviation			4,445			Radius of Turn		629		Direction		2
										Total Length		11,360
Measured Total Depth				True Vertical Depth				BHL From Lease, Unit, or Property Line:				
16,000				4,519				169				

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:			