

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.: 35063248710001

Completion Report

Spud Date: December 31, 2018

OTC Prod. Unit No.: 063-225655-0-0000

Drilling Finished Date: February 15, 2019

1st Prod Date: April 19, 2019

Completion Date: April 08, 2019

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: ANDERSON WEST 1-3/34H

Purchaser/Measurer: MARKWEST

Location: HUGHES 10 8N 11E
SE SW NE NW
1050 FNL 1700 FWL of 1/4 SEC
Latitude: 35.1855451 Longitude: -96.1356195
Derrick Elevation: 891 Ground Elevation: 868

First Sales Date: 04/19/2019

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	667348		667975	
	Commingled			691368	

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20			40			SURFACE
SURFACE	9 5/8	40	J-55	1099		290	SURFACE
PRODUCTION	5 1/2	20	P-110	15245		2135	2409

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

Total Depth: 15292

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
May 19, 2019	WOODFORD			4028		1303	FLOWING	560	128/128	126

Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

Spacing Orders

Order No	Unit Size
659540	640
666312	640
666554	MULTIUNIT

Perforated Intervals

From	To
5100	15134

Acid Volumes

46,300 GALLONS 15% FE

Fracture Treatments

301,422 BARRELS FRAC FLUID, 9,612,818 POUNDS 40/70 SAND, 3,030,170 POUNDS 100 MESH SAND

Formation	Top
WOODFORD	4501

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

NE NE NW NW

167 FNL 1224 FEL of 1/4 SEC

Depth of Deviation: 3958 Radius of Turn: 623 Direction: 359 Total Length: 11418

Measured Total Depth: 15292 True Vertical Depth: 4565 End Pt. Location From Release, Unit or Property Line: 167

FOR COMMISSION USE ONLY

Status: Accepted

1143276

API NO. 35-063-24871
OTC PROD. 063225655
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

JUN 27 2019

OKLAHOMA CORPORATION
COMMISSION

640 Acres

☒ 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	10	TWP	08N	RGE	11E	SPUD DATE	12/31/18		
LEASE NAME	Anderson West				WELL NO.	1-3/34H			DRLG FINISHED DATE	2/15/19	
SE 1/4 SW 1/4 NE 1/4 NW 1/4	FNL OF 1/4 SEC 1050				FWL OF 1/4 SEC	1700			DATE OF WELL COMPLETION	4/8/19	
ELEVATION N Derrick	891	Ground	868	Latitude (if known)	35.1855451			Longitude (if known)	-96.13561950	1st PROD DATE	4/19/19
OPERATOR NAME	Bravo Arkoma, LLC				OTC/OCC OPERATOR NO.	23562					
ADDRESS	1323 East 71st Street, Suite 400										
CITY	Tulsa				STATE	OK		ZIP	74136		

LOCATE WELL

COMPLETION TYPE

<input checked="" type="checkbox"/> SINGLE ZONE
<input type="checkbox"/> MULTIPLE ZONE
Application Date
COMMINGLED
Application Date
LOCATION EXCEPTION
ORDER NO. 667348
INCREASED DENSITY
ORDER NO. 691368, 667975

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	1099		290	Surface
INTERMEDIATE							
PRODUCTION	5 1/2	20	P-110	15245		2135	2409
LINER							
TOTAL DEPTH							15,292

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

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Woodford	319WDFD					
SPACING & SPACING ORDER NUMBER	659540 (640)	666312 (640)	666554 (MU)				Reported to Frac Focus
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Gas						
PERFORATED INTERVALS	5,100' - 15,134'						
ACID/VOLUME	46,300 gal	15% FE					
FRACTURE TREATMENT (Fluids/Prop Amounts)	301,422 bbls	9,612,818 lbs	3,030,170 lbs				
	Free Fluid	40/70 Sand	100mesh Sand				

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

Gas Purchaser/Measurer

MarkWest

☒

OR

First Sales Date

4/19/2019

INITIAL TEST DATA

Oil Allowable (165:10-13-3)

INITIAL TEST DATE	5/19/2019						
OIL-BBL/DAY	0						
OIL-GRAVITY (API)	0						
GAS-MCF/DAY	4028						
GAS-OIL RATIO CU FT/BBL	0						
WATER-BBL/DAY	1303						
PUMPING OR FLOWING	Flowing						
INITIAL SHUT-IN PRESSURE	560						
CHOKE SIZE	128/128						
FLOW TUBING PRESSURE	126						

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	6/24/19	918-894-4481
ADDRESS	CITY STATE ZIP	EMAIL ADDRESS	
		tharold@bravonr.com	

FORMATION RECORD

LEASE NAME Anderson West WELL NO. 1-3/34H

NAMES OF FORMATIONS	TOP
Woodford	4,501

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

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

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 light blue. The top-right quadrant is shaded light green. The bottom-left quadrant is shaded light orange. The bottom-right quadrant is white.

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	34	TWP	09N	RGE	11E	COUNTY Hughes					
Spot Location						Feet From 1/4 Sec Lines		FNL	167	FEL	1224
NE		1/4	NE		1/4	NW		1/4			
Depth of Deviation			3,958		Radius of Turn		623		Direction		359
									Total Length		11,418
Measured Total Depth				True Vertical Depth		BHL From Lease, Unit, or Property Line:					
15,292				4,565		167					

SEC	TWP	RGE	COUNTY			
Spot Location						
1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FNL	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

Operator: BRAVO NATURAL RESOURCES, LLC

Lease Name and No.: ANDERSON WEST 1-3/34H

Footage: 1050' FNL - 1700' FWL Gr. Elevation: 868'

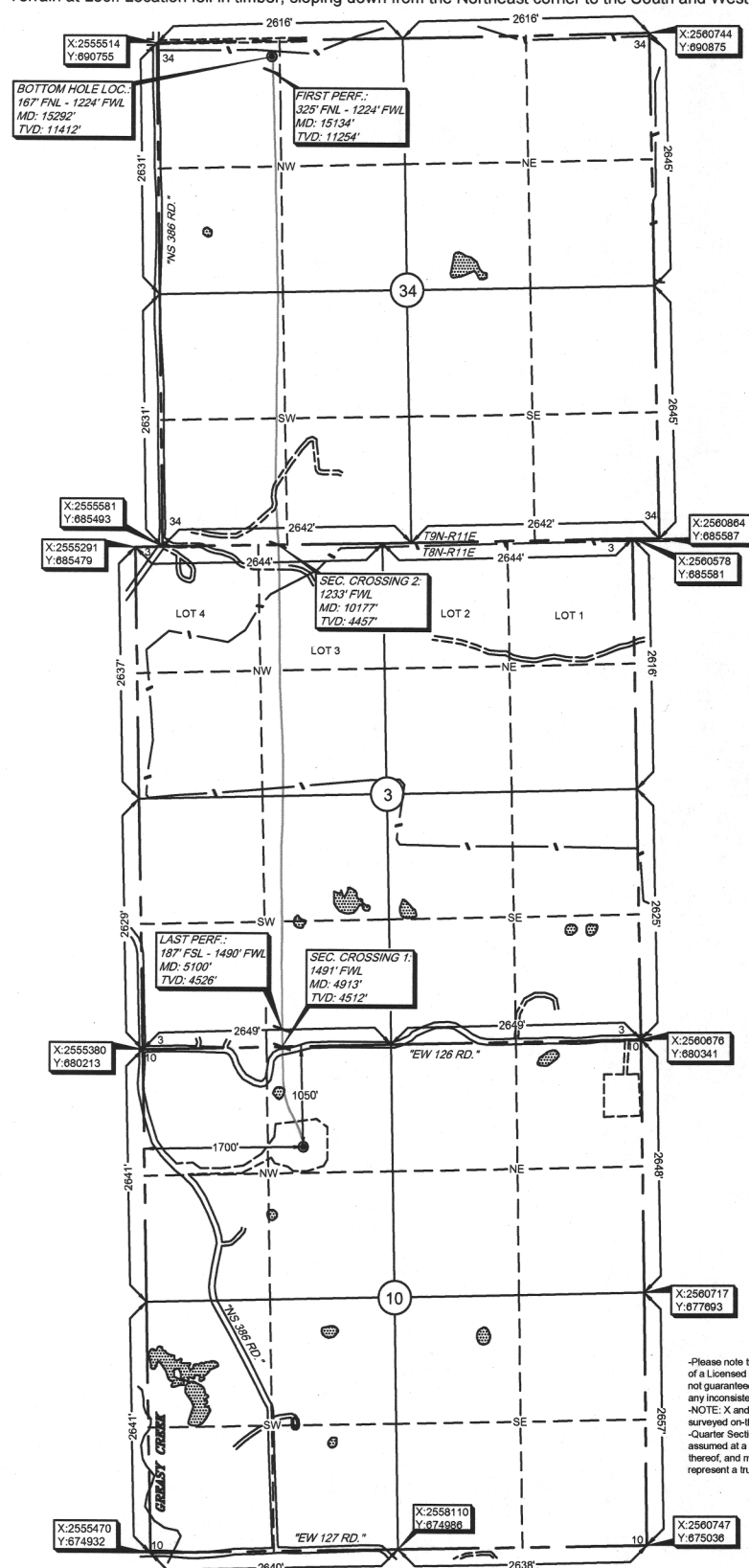
Section: 10 Township: 8N Range: 11E I.M.

County: Hughes State of Oklahoma

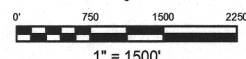
Terrain at Loc.: Location fell in timber, sloping down from the Northeast corner to the South and West.

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

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



All bearings shown
are grid bearings.



GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°11'07.96"N
Lon: 96°08'08.23"W
Lat: 35.18554511
Lon: -96.13561950
X: 2557097
Y: 679204

Section Crossing 1:
Lat: 35°11'18.34"N
Lon: 96°08'10.74"W
Lat: 35.18842656
Lon: -96.13631557
X: 2556870
Y: 680249

Last Perf.:
Lat: 35°11'20.18"N
Lon: 96°08'10.74"W
Lat: 35.18893982
Lon: -96.13631537
X: 2556866
Y: 680436

Section Crossing 2:
Lat: 35°12'10.35"N
Lon: 96°08'10.24"W
Lat: 35.20287627
Lon: -96.13617715
X: 2556814
Y: 685508

First Perf.:
Lat: 35°12'59.33"N
Lon: 96°08'10.01"W
Lat: 35.21647935
Lon: -96.13611297
X: 2556742
Y: 690459

Bottom Hole Loc.:
Lat: 35°13'00.88"N
Lon: 96°08'10.00"W
Lat: 35.21691175
Lon: -96.13611003
X: 2556740
Y: 690616

-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 #7197-A-AD

Date Staked: 06/16/17 By: H.S.

Date Drawn: 05/14/19 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
LANCE G. MATHIS

05/16/19

OK LPLS 1664

