

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.: 35029213070002

**Completion Report**

Spud Date: July 30, 2015

OTC Prod. Unit No.: 029-216785

Drilling Finished Date: September 21, 2015

1st Prod Date: October 23, 2015

**Amended**

Completion Date: October 18, 2015

Amend Reason: NO OPEN HOLE LOGS RUN / CORRECT FIRST & LAST PERFORATIONS

**Drill Type: HORIZONTAL HOLE**

Min Gas Allowable: Yes

Well Name: ORVILLE 5-1H

Purchaser/Measurer: FOUR WINDS

Location: COAL 12 1N 10E  
SE NW NW NW  
523 FNL 481 FWL of 1/4 SEC  
Latitude: 34.34368 Longitude: -96.12448  
Derrick Elevation: 0 Ground Elevation: 655

First Sales Date: 10/23/2015

Operator: BRAVO ARKOMA LLC 23562

1323 E 71ST ST STE 400  
TULSA, OK 74136-5067

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
648394

Increased Density
Order No
643941

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	13 3/8	55	J-55	60			SURFACE
SURFACE	9 5/8	40	J-55	994		455	SURFACE
PRODUCTION	5 1/2	20	P-110	14240		1715	8225

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

**Total Depth: 14240**

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
Oct 31, 2015	WOODFORD			7000		901	FLOWING			750

Completion and Test Data by Producing Formation										
Formation Name: WOODFORD			Code: 319WDFD			Class: GAS				
<b>Spacing Orders</b>				<b>Perforated Intervals</b>						
<b>Order No</b>		<b>Unit Size</b>		<b>From</b>			<b>To</b>			
517464		640		9286			14228			
<b>Acid Volumes</b>				<b>Fracture Treatments</b>						
20,028 GALLONS 15% HCL				163,472 BARRELS, 3,401,000 POUNDS 40/70						

Formation	Top
WOODFORD	8871

Were open hole logs run? No  
Date last log run: September 21, 2015

Were unusual drilling circumstances encountered? No  
Explanation:

Other Remarks
There are no Other Remarks.

Lateral Holes
Sec: 1 TWP: 1N RGE: 10E County: COAL NE NW NW NW 173 FNL 366 FWL of 1/4 SEC Depth of Deviation: 8447 Radius of Turn: 11 Direction: 1 Total Length: 5788 Measured Total Depth: 14235 True Vertical Depth: 9050 End Pt. Location From Release, Unit or Property Line: 173

FOR COMMISSION USE ONLY
Status: Accepted
1133214

API NO. 029-21307  
 OTC PROD. UNIT NO. 029-216785

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

RECEIVED

Form 1002A  
 Rev. 2009

AUG 10 2016

OKLAHOMA CORPORATION COMMISSION

640 Acres

ORIGINAL  
 AMENDED (Reason)

Correct first/last perf. / No open hole logs

Rule 165-10-3-25  
 COMPLETION REPORT

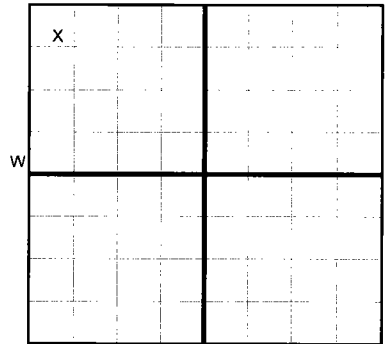
TYPE OF DRILLING OPERATION

STRAIGHT HOLE  DIRECTIONAL HOLE  HORIZONTAL HOLE

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

COUNTY Coal SEC 12 TWP 1N RGE 10E  
 LEASE NAME Orville WELL NO. 5-1H  
 SE 1/4 NW 1/4 NW 1/4 NW 1/4 FNL OF 1/4 SEC 523' FWL OF 1/4 SEC 481'  
 ELEVATIO N Derrick Ground 655' Latitude (if known) 34.34368 Longitude (if known) -96.12448  
 OPERATOR NAME Bravo Arkoma LLC OTC/OCC OPERATOR NO. 23562  
 ADDRESS 1323 E. 71st St., Suite 400  
 CITY Tulsa STATE OK ZIP 74136

SPUD DATE 7/30/15  
 DRLG FINISHED DATE 9/21/15  
 DATE OF WELL COMPLETION 10/18/15  
 1st PROD DATE 10/23/15  
 RECOMP DATE  
 Longitude (if known) -96.12448



COMPLETION TYPE

SINGLE ZONE  
 MULTIPLE ZONE  
 Application Date COMMINGLED  
 Application Date 648394 F.O.  
 LOCATION 645405  
 EXCEPTION ORDER INCREASED DENSITY ORDER NO. 643941

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR	13 3/8	55	J55	60		455	Surface
SURFACE	9 5/8	40	J55	994			Surface
INTERMEDIATE							
PRODUCTION	5 1/2	20	P110	14,240		1715	8,225'
LINER							
TOTAL DEPTH							14,240

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	517464	640 Acres				
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Gas					
PERFORATED INTERVALS	14,228'-13,988'	13,919'-13,712'	13,643'-13,435'	13,366'-13,158'	13,089'-12,881'	12,812'-12,604'
	12,535'-12,327'	12,258'-12,050'	11,981'-11,773'	11,704'-11,496'	11,427'-11,219'	11,150'-10,942'
	10,873'-10,665'	10,596'-10,388'	10,319'-10,111'	10,042'-9,834'	9,765'-9,557'	9,488'-9,286'
ACID/VOLUME	20,028 gals 15% HCl					
FRACTURE TREATMENT (Fluids/Prop Amounts)	163,472bbls of	3,401,000lb of	40/70.			

Min Gas Allowable (165-10-17) OR Oil Allowable (165-10-13-3) Gas Purchaser/Measurer Four Winds First Sales Date 10/23/2015

INITIAL TEST DATA

INITIAL TEST DATE	10/31/2015
OIL-BBL/DAY	0
OIL-GRAVITY ( API)	
GAS-MCF/DAY	7000
GAS-OIL RATIO CU FT/BBL	
WATER-BBL/DAY	901
PUMPING OR FLOWING	Flowing
INITIAL SHUT-IN PRESSURE	
CHOKE SIZE	
FLOW TUBING PRESSURE	750

**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.

*Brandon K. Hemphill*  
 SIGNATURE NAME (PRINT OR TYPE) DATE PHONE NUMBER  
 1323 E. 71st St., Suite 400 Tulsa, OK 74136 7/26/16 918-894-4495  
 ADDRESS CITY STATE ZIP EMAIL ADDRESS  
 bhemphill@bravonr.com

PLEASE TYPE OR USE BLACK INK ONLY  
FORMATION RECORD

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

LEASE NAME Orville WELL NO. 5-1H

NAMES OF FORMATIONS	TOP
Woodford	8,871'

FOR COMMISSION USE ONLY

ITD on file  YES  NO

APPROVED \_\_\_\_\_ DISAPPROVED \_\_\_\_\_

2) Reject Codes

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Were open hole logs run? \_\_\_ yes X no

Date Last log was run Mud Log 9/21/15

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 \_\_\_ no  
If yes, briefly explain below

Other remarks:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

640 Acres


BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNTY	Feet From 1/4 Sec Lines	FSL	FWL
Spot Location	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)

*Per Final Order Location Exception*

LATERAL #1	SEC	TWP	RGE	COUNTY	Coal	FSL	FWL
SEC 1	1N	10E					
Spot Location	NW	NE	NW	NW	1/4	1/4	1/4
Depth of Deviation	8,447'	Radius of Turn	11	Direction	1.5	Total Length	5,788'
Measured Total Depth	14,235	True Vertical Depth	9,050	BHL From Lease, Unit, or Property Line:			
					165' FNL	173	366
						165	980

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


LATERAL #2

SEC	TWP	RGE	COUNTY	Feet From 1/4 Sec Lines	FSL	FWL
Spot Location	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:		

LATERAL #3

SEC	TWP	RGE	COUNTY	Feet From 1/4 Sec Lines	FSL	FWL
Spot Location	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:		

API NO. 029-21307  
 OTC PROD. UNIT NO. 029-216785

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 NOTE:

Attach copy of original 1002A if recompletion or reentry.

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 Oil & Gas Conservation Division  
 Post Office Box 52000  
 Oklahoma City, Oklahoma 73152-2000  
 Rule 165.10-3-25

RECEIVED

Form 1002A  
 Rev. 2009

APR 15 2016

OKLAHOMA CORPORATION COMMISSION

640 Acres

ORIGINAL  
 AMENDED (Reason)

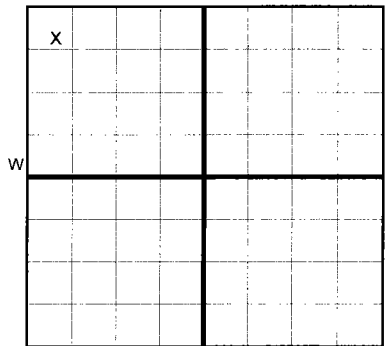
No open hole logs run.

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	Coal	SEC	12	TWP	1N	RGE	10E	SPUD DATE	7/30/15
LEASE NAME	Orville			WELL NO.	5-1H			DRLG FINISHED DATE	9/21/15
SE 1/4 NW 1/4 NW 1/4 NW 1/4	FNL OF 1/4 SEC	523'	FWL OF 1/4 SEC	481'			DATE OF WELL COMPLETION	10/18/15	
ELEVATION N Derrick	Ground	655'	Latitude (if known)	34.34368			1st PROD DATE	10/23/15	
OPERATOR NAME	Bravo Arkoma LLC			OTC/OCC OPERATOR NO.	23562				
ADDRESS	1323 E. 71st St., Suite 400								
CITY	Tulsa	STATE	OK	ZIP	74136				



COMPLETION TYPE

SINGLE ZONE  
 MULTIPLE ZONE  
 Application Date  
 COMMINGLED  
 Application Date  
 LOCATION  
 EXCEPTION ORDER  
 INCREASED DENSITY  
 ORDER NO. 643941

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT	
CONDUCTOR	13 3/8	55	J55	60		455	Surface	
SURFACE	9 5/8	40	J55	994			Surface	
INTERMEDIATE								
PRODUCTION	5 1/2	20	P110	14,240		1715	8,225'	
LINER								
							TOTAL DEPTH	14,240

PACKER @ \_\_\_\_\_ BRAND & TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_  
 PACKER @ \_\_\_\_\_ BRAND & TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	SPACING & SPACING ORDER NUMBER	CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	PERFORATED INTERVALS	ACID/VOLUME	FRACTURE TREATMENT (Fluids/Prop Amounts)	
Woodford	517464	640 Acres				
		Gas				
	14,184'-13,988'	13,919'-13,712'	13,643'-13,435'	13,366'-13,158'	13,089'-12,881'	12,812'-12,604'
	12,535'-12,327'	12,258'-12,050'	11,981'-11,773'	11,704'-11,496'	11,427'-11,219'	11,150'-10,942'
	10,873'-10,665'	10,596'-10,388'	10,319'-10,111'	10,042'-9,834'	9,765'-9,557'	9,488'-9,280'
	20,028 gals 15% HCl					
	163,472bbls of	3,401,000lb of	40/70.			

Min Gas Allowable (165:10-17-7)  
 OR  
 Oil Allowable (165:10-13-3)

Gas Purchaser/Measurer  
 First Sales Date

Four Winds  
 10/23/2015

INITIAL TEST DATA

INITIAL TEST DATE	10/31/2015
OIL-BBL/DAY	0
OIL-GRAVITY ( API)	
GAS-MCF/DAY	7000
GAS-OIL RATIO CU FT/BBL	
WATER-BBL/DAY	901
PUMPING OR FLOWING	Flowing
INITIAL SHUT-IN PRESSURE	
CHOKE SIZE	
FLOW TUBING PRESSURE	750

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.

<i>Brandon K. Hemphill</i> SIGNATURE	Brandon K. Hemphill NAME (PRINT OR TYPE)	4/7/2016 DATE	918-894-4495 PHONE NUMBER
1323 E. 71st St., Suite 400 ADDRESS	Tulsa, OK 74136 CITY STATE ZIP	bhempfill@bravonr.com EMAIL ADDRESS	

PLEASE TYPE OR USE BLACK INK ONLY  
FORMATION RECORD

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

LEASE NAME Orville WELL NO. 5-1H

NAMES OF FORMATIONS	TOP
Woodford	8,871'

FOR COMMISSION USE ONLY

ITD on file  YES  NO

APPROVED \_\_\_\_\_ DISAPPROVED \_\_\_\_\_

2) Reject Codes \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Were open hole logs run?  yes  no

Date Last log was run Mud Log 9/21/15

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:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



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)

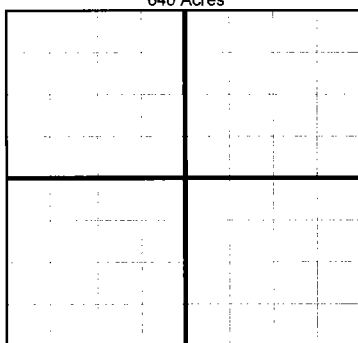
*Per Final LE*

SEC	TWP	RGE	COUNTY	Coal			
1	1N	10E		173			
Spot Location				FNL	FWL		
NW 1/4 NW 1/4 NW 1/4				165	980		
Depth of Deviation		Radius of Turn		Direction		Total Length	
8,447'		603 ft		180-15		5,788'	
Measured Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:			
14,235		9,050		173 165 FNL			

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.

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LATERAL #2

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:			

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:			

