

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.: 35029213270001

Completion Report

Spud Date: February 15, 2016

OTC Prod. Unit No.: 029-217572

Drilling Finished Date: March 15, 2016

1st Prod Date: June 27, 2016

Amended

Completion Date: May 30, 2016

Amend Reason: ADD SHUT-IN PRESSURE

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: LACKEY 1-17/20H

Purchaser/Measurer: FOUR WINDS

Location: COAL 17 1N 9E
SE SE SE NE
2470 FNL 240 FEL of 1/4 SEC
Latitude: 34.556778 Longitude: -96.372533
Derrick Elevation: 350 Ground Elevation: 627

First Sales Date: 06/27/2016

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	657652		651458	
	Commingled			653374	

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20			40			SURFACE
SURFACE	9 5/8	36	J-55	997		310	SURFACE
PRODUCTION	5 1/2	20	P-110	12678		1965	4000

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

Total Depth: 12678

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 27, 2016	WOODFORD	9		3019	335444	1181	FLOWING	826	128/64	115

Completion and Test Data by Producing Formation

Formation Name: WOODFORD		Code: 319WDFD		Class: GAS	
Spacing Orders		Perforated Intervals			
Order No	Unit Size	From	To		
650787	640	6395	12486		
657273	MULTIUNIT				
Acid Volumes		Fracture Treatments			
22,008 GALLONS		192,590 BARRELS, 6,316,770 POUNDS 40/70, 6,776 POUNDS 10/70			

Formation	Top
CANEY	5730
WOODFORD	6020
HUNTON	6130
SYLVAN	6340

Were open hole logs run? No
Date last log run: March 13, 2016

Were unusual drilling circumstances encountered? No
Explanation:

Other Remarks
There are no Other Remarks.

Lateral Holes
<p>Sec: 20 TWP: 1N RGE: 9E County: COAL</p> <p>NW SW SE SE</p> <p>525 FSL 1010 FEL of 1/4 SEC</p> <p>Depth of Deviation: 5592 Radius of Turn: 636 Direction: 180 Total Length: 7606</p> <p>Measured Total Depth: 12678 True Vertical Depth: 5658 End Pt. Location From Release, Unit or Property Line: 525</p>

FOR COMMISSION USE ONLY
<div>Status: Accepted</div> <div>1135765</div>

API NO 35-029-21327
OTC PROD UNIT NO. 029217572

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

JAN 26 2017

Form 1002A
Rev. 2009

☐ ORIGINAL
☒ AMENDED (Reason)

Add shut-in pressure

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	17	TWP	1N	RGE	9E
LEASE NAME	Lackey			WELL NO.	I-17/201		
SE 1/4	SE 1/4	SE 1/4	NE 1/4	ENL OF 1/4 SEC	2.470'	REL OF 1/4 SEC	240'
ELEVATION	350	Ground	627	Latitude (if known)	34.556778		
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 2/15/16

DRLG FINISHED DATE 3/15/16

DATE OF WELL COMPLETION 5/30/16

1st PROD DATE 6/27/16

RECOMP DATE

Longitude (if known) -96.372533

640 Acres									
W									
E									

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. 651458, 653374

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"	36#	J-55	997'		310	Surface
INTERMEDIATE							
PRODUCTION	5 1/2"	20#	P-110	12,678'		1,965	4000
LINER							
TOTAL DEPTH						12,678	

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

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Woodford	657223 F.O.				
SPACING & SPACING ORDER NUMBER	650787 (640)	652154 (multinuit)				
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Gas					
PERFORATED INTERVALS	12,486'-12,262'	12,215'-11,980'	11,933'-11,699'	11,652'-11,418'	11,371'-11,137'	11,090'-10,856'
	10,809'-10,575'	10,528'-10,294'	10,247'-10,013'	9,966'-9,732'	9,685'-9,451'	9,404'-9,170'
	9,123'-8,889'	8,842'-8,608'	8,561'-8,327'	8,280'-8,046'	7,999'-7,765'	7,718'-7,484'
ACID/VOLUME	22,008 gal	15% HCl	7,437'-7,203'	7,156'-6,922'	6,875'-6,641'	6,594'-6,395'
FRACTURE TREATMENT (Fluids/Prop Amounts)	192,590 bbls	6,316,770 lbs of	40/70	6,776 lbs of 10/70		

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

Gas Purchaser/Measurer
First Sales Date

Four Winds
6/27/2016

INITIAL TEST DATA

INITIAL TEST DATE	6/27/2016					
OIL-BBL/DAY	9					
OIL-GRAVITY (API)						
GAS-MCF/DAY	3019					
GAS-OIL RATIO CU FT/BBL	335444					
WATER-BBL/DAY	1181					
PUMPING OR FLOWING	Flowing					
INITIAL SHUT-IN PRESSURE	826					
CHOKE SIZE	128/64					
FLOW TUBING PRESSURE	115					

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	Tyler Harold	DATE	1/23/17	PHONE NUMBER	918-894-4481
1323 East 71st St, Suite 400	Tulsa	OK	74136	tharold@bravonr.com	
ADDRESS	CITY	STATE	ZIP	EMAIL ADDRESS	

FORMATION RECORD

LEASE NAME Lackey WELL NO. 1-17/20H

NAMES OF FORMATIONS	TOP
Caney	5,730'
Woodford	6,020'
Hunton	6,130'
Sylvan	6,340'

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 X no

Date Last log was run Mud Log: 3/13/16

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

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

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										Tel Final L.L.V. 11/1/01		Order	
SEC	20	TWP	1N	RGE	9E	COUNTY	Coal 525 1010						
Spot Location		NW 1/4		SW 1/4		SE 1/4		SE 1/4		Feet From 1/4 Sec Lines		FSL	FEL
Depth of Deviation		5,592'		Radius of Turn		636		Direction		180		Total Length	7,606
Measured Total Depth				True Vertical Depth				BHL From Lease, Unit, or Property Line:					
12,678'				5,658				544 525					

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:			

2/1/17

RECEIVED

JAN 26 2017

Form 1002A
Rev. 2009

API NO. 35-029-21327
OTC PROD. UNIT NO. 029217572

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

OKLAHOMA CORPORATION COMMISSION

1016EZ

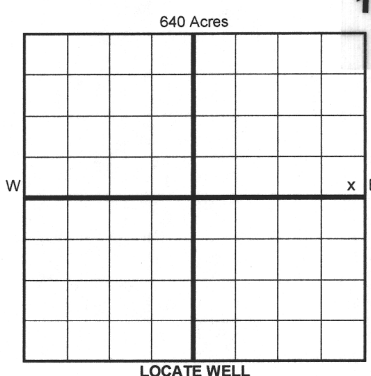
☐ ORIGINAL
☒ AMENDED (Reason)

Add shut-in pressure

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 17 TWP 1N RGE 9E
LEASE NAME Lackey
SE 1/4 SE 1/4 SE 1/4 NE 1/4 FNL OF 1/4 SEC 2,470' FEL OF 1/4 SEC 240'
ELEVATIO N Derrick 350 Ground 627 Latitude (if known) 34.556778 Longitude (if known) -96.372533
OPERATOR NAME Bravo Arkoma, LLC OTC/OCC OPERATOR NO. 23562
ADDRESS 1323 East 71st Street, Suite 400
CITY Tulsa STATE OK ZIP 74136



COMPLETION TYPE

☒ SINGLE ZONE
☐ MULTIPLE ZONE
Application Date
COMINGLED
Application Date 657652 F.O.
LOCATION
EXCEPTION ORDER
INCREASED DENSITY
ORDER NO. 651458, 653374

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"	36#	J-55	997'		310	Surface
INTERMEDIATE							
PRODUCTION	5 1/2"	20#	P-110	12,678'		1,965	4000
LINER							
				TOTAL DEPTH	12,678		

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

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Woodford	657273 F.O.	Multinuit			
SPACING & SPACING ORDER NUMBER	17420 H 650787 (640)	652154 (multinuit)				
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Gas					
PERFORATED INTERVALS	12,486'-12,262'	12,215'-11,980'	11,933'-11,699'	11,652'-11,418'	11,371'-11,137'	11,090'-10,856'
	10,809'-10,575'	10,528'-10,294'	10,247'-10,013'	9,966'-9,732'	9,685'-9,451'	9,404'-9,170'
	9,123'-8,889'	8,842'-8,608'	8,561'-8,327'	8,280'-8,046'	7,999'-7,765'	7,718'-7,484'
ACID/VOLUME	22,008 gal	15% HCl	7,437'-7,203'	7,156'-6,922'	6,875'-6,641'	6,594'-6,395'
FRACTURE TREATMENT (Fluids/Prop Amounts)	192,590 bbls	6,316,770 lbs of	40/70	6,776 lbs of 10/70		

Min Gas Allowable (165:10-17-7) ☒ OR Oil Allowable (165:10-13-3)
Gas Purchaser/Measurer Four Winds
Initial Sales Date 6/27/2016

INITIAL TEST DATA

INITIAL TEST DATE	6/27/2016					
OIL-BBL/DAY	9					
OIL-GRAVITY (API)						
GAS-MCF/DAY	3019					
GAS-OIL RATIO CU FT/BBL	335444					
WATER-BBL/DAY	1181					
PUMPING OR FLOWING	Flowing					
INITIAL SHUT-IN PRESSURE	826					
CHOKE SIZE	128/64					
FLOW TUBING PRESSURE	115					

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 Tyler Harold NAME (PRINT OR TYPE)
1323 East 71st St, Suite 400 Tulsa OK 74136
ADDRESS CITY STATE ZIP

DATE 1/23/17 PHONE NUMBER 918-894-4481
tharold@bravonr.com
EMAIL ADDRESS

SCANNED

EL
ER

AR