Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000

Rule 165: 10-3-25

API No.: 35029213360001 **Completion Report** Spud Date: May 10, 2017

OTC Prod. Unit No.: 029-223308 Drilling Finished Date: October 21, 2017

1st Prod Date: February 19, 2018

Completion Date: February 15, 2018

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

First Sales Date: 02/19/2018

Well Name: STELLA TUCKER 2-22/27H Purchaser/Measurer: FOURWINDS

Location: COAL 15 1N 10E

SW NW SE SW 799 FSL 1554 FWL of 1/4 SEC

Latitude: 34.551558 Longitude: -96.24394 Derrick Elevation: 0 Ground Elevation: 641

Operator: BRAVO ARKOMA LLC 23562

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

	Completion Type
Х	Single Zone
	Multiple Zone
	Commingled

Location Exception					
Order No					
652456					
661039					

Increased Density
Order No
652457
652605

Casing and Cement								
Type Size Weight Grade Feet PSI SAX Top of C								
CONDUCTOR	20			40			SURFACE	
SURFACE	9 5/8	40	J-55	1877		645	SURFACE	
PRODUCTION	5 1/2	23	P-110	19012		3062	6996	

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

Total Depth: 19012

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

June 11, 2018 1 of 2

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 16, 2018	WOODFORD	6		6768	1128000	922	FLOWING	2384	256/64	160

Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

Spacing Orders					
Order No	Unit Size				
551463	640				
554103	640				
554588	NPT				
652992	MULTIUNIT				
661038	MULTIUNIT				

Perforated Intervals					
From To					
8816	18957				

Acid Volumes

45,000 GALLONS 15% HCL

Fracture Treatments

267,869 BARRELS FRAC FLUID, 4,335,717 POUNDS 40/70 SAND, 142,165 POUNDS 100 MESH SAND

Formation	Тор
WAPANUCKA	6234
CROMWELL	7081
WOODFORD	7957

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 ISSUED.

Lateral Holes

Sec: 27 TWP: 1N RGE: 10E County: COAL

SW SE SE SW

165 FSL 2209 FWL of 1/4 SEC

Depth of Deviation: 7221 Radius of Turn: 697 Direction: 175 Total Length: 11191

Measured Total Depth: 19012 True Vertical Depth: 7692 End Pt. Location From Release, Unit or Property Line: 165

FOR COMMISSION USE ONLY

1139456

Status: Accepted

June 11, 2018 2 of 2

tharold@bravonr.com

EMAIL ADDRESS

OTC PROD.

UNIT NO.

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

ORIGINAL AMENDED (Reas				,.	R	cule 165:10-3-25				
TYPE OF DRILLING OF STRAIGHT HOLE SERVICE WELL	DIRECTIONA			ZONTAL HOLE	SPUD DATE DRLG FINISHED	5/10/17 10/21/17				
If directional or horizont	al, see reverse for bott	tom hole locat	ion.		DATE	10/21/11				
COUNTY	Coal	SEC 15	TWP 1N	RGE 10E	DATE OF WELL COMPLETION	2/15/18				
LEASE NAME	Stella Tu	ıcker		WELL 2-22/2	7 st PROD DATE	2/19/18				
SW 1/4 NW 1/4	SE 1/4 SW	1/4 FSL OF 1/4 SEC	799	FWL OF 1/4 SEC 1554	RECOMP DATE					
ELEVATIO N Derrick	Ground (41)	Latitude	(if known)	34.551558	Longitude (if known)	-96.24394				
OPERATOR NAME	Bravo /	Arkoma, I	COCC PERATOR NO.	23562						
ADDRESS	1323 East 71st Street, Suite 400									
CITY	Tuloo			07.77	014	74400				

LEASE NAME	Stella Tucker	WELL 2-22	2/27 st Pi	ROD DATE	2/19/1	8			
SW 1/4 NW 1/4 SE	1/4 SW 1/4 FSL OF 1/4 SEC	799 FWL OF 15		OMP DATE		w			
	nd (41) Latitude (if ki	nown) 34.5515	558 Longi		-96.243	94			
OPERATOR NAME	Bravo Arkoma, LL	С	OTC/OCC OPERATO	R NO.	23562	2			
ADDRESS	1323 Eas	st 71st Street, S	Suite 400)					
CITY	Tulsa	STATE	OK	(ZIP	74136	; L	1.0	OCATE WEL	11
COMPLETION TYPE		CASING & CEMEN	NT (Form 10	002C must be	e attached)			JOATE WEE	
X SINGLE ZONE		TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
MULTIPLE ZONE Application Date		CONDUCTOR	20"			40			Surface
COMMINGLED Application Date		SURFACE	9 5/8"	5/8" 40#	J-55	1877		645	Surface
CCATION	652456, 661039	INTERMEDIATE							
INCREACED DENCITY	652457, 652605	PRODUCTION	5 1/2"	23#	P-110	19,012		3062	6996
ONDER NO.		LINER							
PACKER @ BRAN	ND & TYPE	PLUG @	TVDE	<u> </u>	PLUG @	TVDE		TOTAL	19,012
	ND & TYPE	PLUG @			PLUG @	TYPE		DEPTH [<u> </u>
	TA BY PRODUCING FORMAT	110N 319W							
FORMATION	Woodford *							Re	ported
SPACING & SPACING ORDER NUMBER	551463 (640)	554103 (64	0) 65	52992 (MU	1) EXTE	6103BMU		+	o Fract
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Gas	554	588 (N	195)					
PERFORATED INTERVALS	8,811 - 18,957								
			-						
ACID/VOLUME	45,000 gal	15% HCI							
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1.							
FRACTURE TREATMENT	267,869 bbl	4,335,717 lb	hs.	40/70	142	1,165 lbs	100mesh		
(Fluids/Prop Amounts)	201,000 881	4,000,717 16	-	40/10	172	, 100 103	1001110311	-	
	Min Gas Alla	awahla (465	-40 47 7)		2 - 2			Farrel	A/in da
	Min Gas Allo	•	i:10-17-7)		Gas Purc First Sale	haser/Measurer s Date			Vinds /2018
INITIAL TEST DATA		•	, ,						Winds /2018
	X OR	•	, ,						
INITIAL TEST DATE	X OR Oil Allowabl	•	, ,						
INITIAL TEST DATE	X OR Oil Allowabl 3/16/2018	•	, ,						
INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY (API)	X OR Oil Allowabl 3/16/2018	•	, ,						
OIL-BBL/DAY DIL-GRAVITY (API) GAS-MCF/DAY	X OR Oil Allowabl 3/16/2018 6	•			First Sale	s Date			
OIL-BBL/DAY DIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL	X OR Oil Allowabl 3/16/2018 6 6768	•			First Sale	s Date			
NITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL NATER-BBL/DAY	X OR OII Allowable 3/16/2018 6 6768 1128000 922	•		S S	First Sale				
OIL-BBL/DAY OIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL WATER-BBL/DAY PUMPING OR FLOWING	X OR OII Allowable 3/16/2018 6 6768 1128000 922 Flowing	•		S S	First Sale	s Date			
INITIAL TEST DATA INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL WATER-BBL/DAY PUMPING OR FLOWING INITIAL SHUT-IN PRESSURE	X OR Oil Allowable 3/16/2018 6 6768 1128000 922 Flowing 2384	•		S S	First Sale	s Date			
INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL WATER-BBL/DAY PUMPING OR FLOWING	X OR OII Allowable 3/16/2018 6 6768 1128000 922 Flowing	•		S S	First Sale	s Date			

Tyler Harold 918-894-4481 SIGNATURE NAME (PRINT OR TYPE) PHONE NUMBER

OK

STATE

Tulsa

CITY

74136

ZIP

1323 East 71st St, Suite 400

ADDRESS

PLEASE TYPE OR USE BLACK INK ONLY FORMATION RECORD WELL NO. 2-22/27H Stella Tucker Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested. LEASE NAME NAMES OF FORMATIONS TOP FOR COMMISSION USE ONLY Wapanuka 6,234 NO ITD on file YES Cromwell 7,081 APPROVED DISAPPROVED 2) Reject Codes Woodford 7,957 Were open hole logs run? _____yes ___<u>X</u>_no Date Last log was run ____yes X no at what depths? ____ Was CO₂ encountered? ____ yes __X no at what depths? ___ Was H₂S encountered? _yes _X _no Were unusual drilling circumstances encountered? If yes, briefly explain below Other remarks:

		640 /	Acres		
	-				
-					
		Х			

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										
		·			-					
					-					

BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUN	TY			
Spot Lo	cation 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Measure			Vertical Depth		BHL From Lease, Unit, or Pr	operty Line:	

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

True Vertical Depth

LATERAL #1

Measured Total Depth

SEC 27	TWP	1N	RGE	10E		COUNTY	Y Coal						
Spot Loca	ition 1/4	SE	1/4	SE	1/4	SW	1/4	Feet From 1/4	Sec Lines	FSL	165	FWL	2209
Depth of Deviation		7,221		Radius of	Turn	697		Direction	175	Total Length		11,19	1
Measured	Total De	epth		True Vertic	al De	pth		BHL From Leas	se, Unit, or Pro	perty Line:			
	19,0	012			7,6	92				165			

LATER	AL #2						
SEC	TWP	RGE	COU	NTY			
Spot Lo	cation 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth o	of on	Radi	us of Turn		Direction	Total	

BHL From Lease, Unit, or Property Line:

SEC	TWP	RGE	C	COUNTY			
Spot Loca	ation				Foot From 1/4 Soc Lines	FSL	FWL
	1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FOL	FVVL
Depth of Deviation			Radius of Turn		Direction	Total Length	
Measured	Measured Total Depth True Vertical Dep		True Vertical Dept	th	BHL From Lease, Unit, or Pr	roperty Line:	

Well Location Plat - As-Drilled S.H.L. Sec. 15-1N-10E I.M. B.H.L. Sec. 27-1N-10E I.M. Operator: BRAVO ARKOMA, LLC Lease Name and No.: STELLA TUCKER #2-22/27H Footage: 799' FSL - 1554' FWL GR. ELEVATION GR. ELEVATION: 641' Good Site? YES 15 Township: 1N Range: 10E County: Coal State of Oklahoma Terrain at Loc.: Location fell in open pasture, ±243' E. of an existing N-S fence. Accessibility: From the East. Directions: From the junction of U.S. Hwy 75/State Hwy 3 & State Hwy 31, in the town of Coalgate, OK, go 1.5 miles Northwest on Hwy 75/3, go 0.3 mile West on "E1697 Rd." to the proposed location on the South side of the road. __sw=_ "E1697 RD. SURFACE HOLE LOC 799' FSL - 1554' FWL N00°41'W SECTION CROSSING # 2000' FWL 799 MD: 8545 VD: 7976 Somers may NOT have been represent a true Boundary Survey opposing section survey STONE N88°43 X: 2495599 Y: 447128 IR/CAP X: 2500892 X: 2527195 **GPS DATUM** 447084 Y: 447246 245' FNL - 2115' FWL X: 2532488 MD: 8816 be assumed from a Government Survey Plat or assumed at a proportionate distance from and may not have been measured on-the-ground, and further, does not represent a true bo S01°00'E-2641.5' OK SOUTH ZONE °02"W-2640.5" Y: 447202 TVD: 7980' OK SOUTH ZONE 8 BASIS OF BEARING: does NOT GRID NORTH - NAD 83 STATE PLANE - OK SOUTH ZONE for BASIS OF ELEVATION: and further, OPUS SOLUTION Surface Hole Loc .: 0 NOTE: X and Y data shor surveyed on-the-ground, Lat: 34.55163292 Lon: -96.24424130 X: 2497144 1 Y: 447962 0

-2645.5

%" IR X: 2495695 Y: 441849

X: 2527290

N01°04"W-2637

NS 380 RD

°04'W-2637

¾" IR X: 2495792

Y: 436576

X: 252738

Y: 436531

P.O. Box 238 Wilburton, OK 74578 Ph. 918-465-5711 Fax 918-465-5030

Certificate of Authorization No. 5348

Date Staked : 02/04/16 By : H.S. Date Drawn : 02/08/16 By : K.M.

Add LP & BHL: 04/20/16 By: R.M. Added As-Drilled: 02/13/18 By: R.S.

Y: 441804

Please note that this location was staked on the ground under the supervision of a Licensea Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Afroma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS. Quarter Section distances may he as

survey and plat by,

Expires June 30, 2018 Invoice #6131-A-A-AD

Quarter Section distances may Porners, or occupation thereof,

Surface Hole Loc.: Lat: 34 55154094 Lon: -96.24396473 X: 2528740 Y: 447917 Section Crossing 1: Section Crossing 1: Lat: 34.54944343 Lat: 34.54935104 Lon: -96.24277466 Lon: -96.24249781 X: 2497599 X: 2529195 Y: 447173 Y: 447128 First Perf: First Perf: Lat: 34.54877097 Lat: 34.54867857 Lon: -96.24239248 Lon: -96.24211567 X: 2497719 X: 2529315 Y: 446930 Y: 446885 Section Crossing 2: Section Crossing 2 Lat: 34 53493257 Lat: 34.53484020 Lon: -96.24210396 Lon: -96.24182741 X: 2497893 X: 2529489 Y: 441896 Y: 441852 Last Perf: Last Perf: Lat: 34.52103085 Lat: 34.52093854 Lon: -96.24206494 Lon: -96.24178868 X: 2497993 X: 2529589 Y: 436838 Y: 436794 Bottom Hole Loc.: Bottom Hole Loc.: Lat: 34.52088338 Lat: 34.52079107 Lon: -96.24205288 Lon: -96.24177661 X: 2497998 X: 2529593 Y: 436785 Y: 436740

1500

1"=1500'

NAD 83

NAD 27

2250

27 S00°59'E-2642.5 0 0 LAST PERF BOTTOM HOLE LOC. 219' FSL - 2205' FWL 165' FSL - 2209' FWL IR/ALUM. CAP MD: 18957 MD: 19012' TVD: 7684 X: 2501076 TVD: 7692 Y: 436680 X: 2532671 436635 S88°52'W-2642' S88°52'W-2642' Certification: Arkoma Surveying and Mapping, PLLC 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

EW 171 RD."

%" IR X: 2500985

Y: 441964

X: 2532580

Y: 441919

·S88°45'W-2645.5

ECTION CROSSING #2

2199' FWI

TVD: 7831'

White SS IONAL CENSED LANCE G. SURVEYOR **MATHIS** 1664 OKLAHOMA

02/14/18

OK LPLS 1664

API NO 029-21336 NO OTC PROD UNIT NO 029223308 X ORIGINAL AMENDED (Reason) TYPE OF DRILLING OPERATION STRAIGHT HOLE SERVICE WELL If directional or horizontal, see in COUNTY Coal LEASE NAME SW 1/4 NW 1/4 SE ELEVATIO N Derrick Groun OPERATOR NAME ADDRESS	everse for bottom hole location SEC 15 TV Stella Tucker 1/4 SW 1/4 FSL OF 1/4 SEC 1/4 SEC Latitude (if k Bravo Arkoma, LL	E: ginal 1002A or reentry. HORIZONTAL HOLE VP 1N RGE 10E WELL 2-22/2: 799 FWL OF 1/4 SEC 1554 nown) 34.551558	Post Oklahoma Ci COMF SPUD DATE DATE DATE DATE OF WELL COMPLETION I ST PROD DATE Longitude (if known) C/OCC PERATOR NO.	DRPORATION C G Conservation D Office Box 5200 ty, Oklahoma 73 Rule 165:10-3-25 PLETION REPO 5/10/17 10/21/1 2/15/18 2/19/18	ivision 00 8152-2000 6 7 7 8 8 8 W	OKLAHON	R 1 6 20 MA CORPC	RATION	Form 100 Rev. 20
CITY	Tulsa	STATE	OK ZIP	74136		Lo	OCATE WELL		j
COMPLETION TYPE		CASING & CEMENT (F		1					1
X SINGLE ZONE MULTIPLE ZONE		TYPE	SIZE WEIGHT	GRADE	FEET	PSI	SAX	O OF CMT	
Application Date COMMINGLED		CONDUCTOR	20"	1.55	40		0.45	Surface	
Application Date LOCATION	52456, 661039	SURFACE S	5/8" 40#	J-55	1877		645	Surface	
INCREASED DENSITY	52457, 652605		5 1/2" 23#	P-110	19,012		3062	6996	
ORDER NO.	02407, 002000	LINER	C 111	1/6 3	13,012	210 Cm	27/1/	7770	
Multiunit &	D: 680910		Sep. Muc	J (Sec. L	2/9		TOTAL (19,012	
	D&TYPE	PLUG @	TYPE	PLUG @ PLUG @	TYPE TYPE		DEPTH	10,012	j
COMPLETION & TEST DATA	A BY PRODUCING FORMA	110N 319WD1	FID -						
FORMATION SPACING & SPACING	Woodford						Repe	orted	
ORDER NUMBER CLASS: Oil, Gas, Dry, Inj.	551463 (640)	554103 (640)	652992 (MU) Eext6	6103BM	u	+0	Fracto	CUS
Disp, Comm Disp, Svc	Gas	55458	B(NPT)			***************************************			
PERFORATED		(1)	Author	Q.					
INTERVALS	8,811 - 18,957	4	MITTIE	1 (50	1				
	45.000	4-04	Sec	15:-	-0-		(2)		
ACID/VOLUME	45,000 gal	15% HCI	Sec	22:	49,91%	22338)X	I	
FRACTURE TREATMENT	267 860 hh	4 225 747 15	Sec	27	50,09%		ABO	I	
(Fluids/Prop Amounts)	267,869 bbl	4,335,717 lbs	40/70	142,	165 lbs	100mesh			
	15:- 0 11						F TTE		J
	Min Gas All	• • • • • • • • • • • • • • • • • • • •	7-7)	Gas Purch First Sales	aser/Measurer Date		2/19/20		
INITIAL TEST DATA	Oil Allowab	le (165:10-13-3)							
NITIAL TEST DATE	3/16/2018						The state of the s		
OIL-BBL/DAY	6								
OIL-GRAVITY (API)									
GAS-MCF/DAY	6768	1				//////////////////////////////////////			
GAS-OIL RATIO CU FT/BBL	1128000	3	10.0	11172					
WATER-BBL/DAY	922	1	IAS S	NRV		tu K_			
PUMPING OR FLOWING	Flowing	3		,,,,,,,,	,,,,,,,,	//_			
NITIAL SHUT-IN PRESSURE	2384	1							
CHOKE SIZE	256/64								
FLOW TUBING PRESSURE	160								
A record of the formations and to make this report, which was p	prepared by me or under/my su	ks are presented on the reve pervision and direction, with	erse. I declare that I h the data and facts sta Tyler Harold	ave knowledge o ted herein to be t	f the contents of true, correct, and	this report and am complete to the be	st of my knowle	y organization dge and belief. 394-4481	
SIGNATU			IE (PRINT OR TYPE	•		// DATE		E NUMBER	M
1323 East 71st S			OK 74136		τ	narold@bravo			M
ELE	2	(F = 3) * Vo		SC	ANNEC				IR