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

Rule 165: 10-3-25

API No.: 35121248060000 Completion Report Spud Date: January 09, 2018

OTC Prod. Unit No.: 087-223751 Drilling Finished Date: March 17, 2018

1st Prod Date: May 18, 2018

Completion Date: May 18, 2018

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: RESH 4-8H Purchaser/Measurer: ENABLE MIDSTREAM

Location: PITTSBURG 17 3N 12E First Sales Date: 05/18/2018

NW NW NE NW 296 FNL 1564 FWL of 1/4 SEC

Latitude: 35.05887791 Longitude: -95.90834203 Derrick Elevation: 811 Ground Elevation: 785

Operator: BP AMERICA PRODUCTION COMPANY 1640

1100 N BROADWAY AVE STE 200 OKLAHOMA CITY, OK 73103-4937

Completion Type					
Х	Single Zone				
	Multiple Zone				
	Commingled				

Location Exception
Order No
664944

Increased Density
Order No
664962

Casing and Cement								
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT	
SURFACE	13 3/8	J-55	54.5	1213		1110	SURFACE	
INTERMEDIATE	9 5/8	J-55	40	5517		545	3286	
PRODUCTION	5 1/2	P-110	20	14466		1740	3285	

				Liner				
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
	-		There are	no Liner record	ds to displa	ay.		

Total Depth: 14466

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** 

December 06, 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
May 18, 2018	WOODFORD			620		2516	FLOWING	1025	26/64	1208

#### **Completion and Test Data by Producing Formation**

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

Spacing Orders					
Order No	Unit Size				
546851	640				

Perforated Intervals				
From	То			
9564	14303			

Acid Volumes 31,074 GALLONS

Fracture Treatments
206,090 BARRELS FLUID, 3,283,343 POUNDS PROPPANT
· · · · · · · · · · · · · · · · · · ·

Formation	Тор
WOODFORD	9394

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 THE FINAL LOCATION EXCEPTION HAS NOT BEEN SUBMITTED.

#### **Lateral Holes**

Sec: 8 TWP: 3N RGE: 12E County: PITTSBURG

NW NW NE NW

215 FNL 1513 FWL of 1/4 SEC

Depth of Deviation: 7400 Radius of Turn: 1690 Direction: 1 Total Length: 4411

Measured Total Depth: 14466 True Vertical Depth: 9060 End Pt. Location From Release, Unit or Property Line: 215

### FOR COMMISSION USE ONLY

1141175

Status: Accepted

December 06, 2018 2 of 2

отс <sub>PROD.</sub> **0**87223751

UNIT NO.

(PLEASE TYPE OR USE BLACK INK ONLY)

Form 1002A Rev. 2009

OCT 2 4 2018

## OKLAHOMA CORPORATION COMMISSION

			640 /	Acres		
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LOCATE WELL

#### OKLAHOMA CORPORATION COMMISSION

Oil & Gas Conservation Division

Post Office Box 52000

Oklahoma City, Oklahoma 73152-2000 Rule 165:10-3-25

X ORIGINA AMEND	AL ED (Reason)				F	Rule 165:10-3-25 PLETION REPORT		
TYPE OF DRILLING OPERATION  STRAIGHT HOLE DIRECTIONAL HOLE X HORIZONTAL HOLE  SPUD DATE 01/09/2018								
SERVICE WELL  If directional or horizontal, see reverse for bottom hole location.  DRLG FINISHED DATE  03/17/2018								
COUNTY	PITTSBURG SEC 17 TV	VP 3N RGE 1	2E	DATE OF WI		05/18/2018		
LEASE NAME	RESH	WELL NO.	4-8H	1st PROD DATE		05/18/2018		
	W 1/4 NE 1/4 NW 1/4 FNL OF	296 FWL OF 1/4 SEC	1564	RECOMP DA	ATE			
ELEVATION Derrick FL	811 Ground 785 Latitude (if I	known) 35.058	87791	Longitud (if know		-95.90834203		
OPERATOR NAME	BP AMERICA PRODUCTION	COMPANY		/OCC RATOR NO.		1640		
ADDRESS	1100 N BRO	ADWAY AVE	, SUIT	E 200				
CITY	OKLAHOMA CITY	STATE		OK	ZIP	73103		

PLUG @

COM	PLETION TYPE	
Х	SINGLE ZONE	
	MULTIPLE ZONE Application Date COMMINGLED	
ORDE	Application Date TION EXCEPTION ER NO.	664944 <b>L.O.</b>
	EASED DENSITY ER NO.	664962 <i>F.O.</i>

BRAND & TYPE

PACKER @ \_\_\_\_\_BRAND & TYPE

PACKER @ \_

CASING & CEMEN	T (Form 100	02C must be	attached	)			
TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR							
SURFACE	13 3/8	J-55	54.5	1,213		1110	SURFACE
INTERMEDIATE	9 5/8	J-55	40	5,517		545	3,286
PRODUCTION	5 1/2	P-110	20	14,466		1740	3,285
LINER							
PLUG @	TYPE		PLUG @	TYPE		TOTAL DEPTH	14,466

PLUG @ \_\_

\_\_\_TYPE **COMPLETION & TEST DATA BY PRODUCING FORMATION** FORMATION WOODFORD SPACING & SPACING 546851 (640) ORDER NUMBER
CLASS: Oil, Gas, Dry, Inj,
Disp, Comm Disp, Svc **GAS** 9,564' PERFORATED INTERVALS 14,303' ACID/VOLUME 31,074 GALS 206,090 BBLS FLUID FRACTURE TREATMENT 3,283,343 LBS **PROPPANT** (Fluids/Prop Amounts)

TYPE

INITIAL TEST DATA	Min Gas Allowab OR Oil Allowable	le (165:10-17-7) (165:10-13-3)	Gas Purchaser/Measurer First Sales Date	ENABLE MIDSTREAM 5/18/2018
INITIAL TEST DATE	5/18/2018			
OIL-BBL/DAY	N/A			
OIL-GRAVITY ( API)	N/A			
GAS-MCF/DAY	620 MCFDD			
GAS-OIL RATIO CU FT/BBL	N/A	IAS 3	UBMITTEL	
WATER-BBL/DAY	2,516 BPD			
PUMPING OR FLOWING	FLOWING			
INITIAL SHUT-IN PRESSURE	1025 PSI		***************	
CHOKE SIZE	26/64			
FLOW TUBING PRESSURE	1208 PSI			

Aprecord of the formatipns 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.									
Han Mh Mh M			RHUBER	,	9/21/2018	405-401-0927			
SIGNATURE	N.	AME (PRIN	T OR TYPE)		DATE	PHONE NUMBER			
1100 N BROADWAY, SUITE 200	OKLAHOMA CITY	OK	73103		HEATHER.HUBER@B	BPX.COM			
ADDRESS	CITY	STATE	7IP		FMAIL ADDRESS	5			

NAMES OF FORMATIONS

WOODFORD

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.

TOP

9,394

								APPROVE		APPROVED	2) Reject (	Codes			
								Date Last II  Was CO <sub>2</sub> 6  Was H <sub>2</sub> S e  Were unus	encountered?	yes yes	X no	at what de	epths?	s _X	
Other	remarks	S:				-									
					1										
			0 Acres		ВОТТОМ	HOLE LOCATION	FOR DIR	ECTIONAL HO	LE						
					SEC	TWP	RGE		COUNTY		PIT	rsbur (	3		
					Spot Loca	ation 1/4	1/4	1/4	1/4	Feet From 1/4 Sec L	ines	FNL		FWL	
					Measured	d Total Depth		rue Vertical Der		BHL From Lease, Ur	nit, or Prope	erty Line:			
					BOTTON	I HOLE LOCATION	EOR HOL	PIZONTAL HOL	E. /I ATERAL	2)					
					LATERA		FUK HUF	RIZONTAL HOL	LE: (LATERAL	<b>&gt;</b> )					
					SEC 8	TWP 3N	RGE	405							
								12E	COUNTY		PIT	TSBURG	Bail		تا ناسما
	1				Spot Loca	ation NIM	1/4	120		Feet From 1/4 Sec L	PIT	FNL 1	3215 165	FWL	1513 1580
L	a than thro	o drainha	los ere pre	anned attack a	NW	1/4 NW	1/4	NF 1/4	NW 1/4	Feet From 1/4 Sec L	PIT ines	FNL 1	L65°	FWL	1513 1500
				posed, attach a ary information.	NW Depth of Deviation	1/4 NW 7400 8,300 d Total Depth	1/4 R	NE 1/4 Radius of Turn 1690 True Vertical Dep	NW 1/4	Feet From 1/4 Sec L Direction BHL From Lease, Un	ines	Total Length 4 erty Line:	14//	FWL ,4,94	15/3 1 <del>580</del>
separa	ate sheet in	indicating be stated i	the necess n degrees a	ary information.	NW Depth of Deviation	1/4 NW <b>74</b> 00 <del>2,300</del>	1/4	NF 1/4	NW 1/4	Direction	ines	FNL 1 Total Length 4	14//	FWL ,4,94	1513 1 <del>580</del>
Directi Please point r	ate sheet in ion must be note, the must be loo	ndicating be stated it horizonta cated with	the necess n degrees a al drainhole	ary information.	Depth of Deviation Measured	1/4 NW 7400 8,300 1 Total Depth 14,466	r R	NE 1/4 Radius of Turn 16 10 True Vertical Dep	NW 1/4 _444* pth 60	Direction	ines	Total Length 4 erty Line:	14//	FWL ,4,94!	1513 1580
Directi Please point r lease	ate sheet in ion must be note, the must be loo or spacing	ndicating be stated in horizontal cated with grunit.	the necess in degrees a al drainhole nin the bour	ary information.  szimuth.  and its end  idaries of the	Depth of Deviation Measured  LATERA	1/4 NW 1/400 2,300 1 Total Depth 14,466 L#2	1/4 R	NE 1/4 Radius of Turn 16 10 True Vertical Dep	NW 1/4	Direction	ines	Total Length 4 erty Line:	14//	,4,94	9
Directi Please point r lease	ion must be note, the must be loo or spacing	ndicating  be stated it horizontal cated with g unit.  surveys and dire	the necess in degrees a al drainhole nin the bour are requ ctional w	ary information.  Izimuth.  and its end  Idaries of the  Ired for all	Depth of Deviation Measured  LATERA SEC Spot Local	1/4 NW 1/400 2,300 1 Total Depth 14,466 L#2	RGE   1/4	NE 1/4 Radius of Turn 1690 rue Vertical Dep 9,0	NW 1/4 _444* pth 60	BHL From Lease, Un	.360 nit, or Prope	Total Length 4 erty Line:	14//	FWL	9
Directi Please point r lease	ion must be note, the must be loo or spacing	ndicating  be stated it horizontal cated with g unit.  surveys and dire	the necess in degrees a al drainhole nin the bour are requ	ary information.  Izimuth.  and its end  Idaries of the  Ired for all	NW Depth of Deviation Measured  LATERA SEC Spot Loci Depth of Deviation	1/4 NW 1/400 2,300 1 Total Depth 14,466  L #2   TWP   ation 1/4	RGE   1/4   R	NE 1/4 Radius of Turn 16 90 rue Vertical De; 9,0	NW 1/4 A44 pth 60 COUNTY	BHL From Lease, Ui Feet From 1/4 Sec L Direction	360 nit, or Prope	FNL 1 Total Length 4 erty Line: 165 FSL Total Length	14//	,4,94	9
Directi Please point r lease	ion must be note, the must be loo or spacing	ndicating  be stated it horizontal cated with g unit.  surveys and dire	the necess in degrees a al drainhole nin the bour are requ ctional w	ary information.  Izimuth.  and its end  Idaries of the  Ired for all	NW Depth of Deviation Measured  LATERA SEC Spot Loci Depth of Deviation	1/4 NW 7/400 8,300 d Total Depth 14,466  L #2 TWP ation 1/4	RGE   1/4   R	NE 1/4 Radius of Turn 1690 rue Vertical Dep 9,0	NW 1/4 A44 pth 60 COUNTY	BHL From Lease, Un	360 nit, or Prope	FNL 1 Total Length 4 erty Line: 165 FSL Total Length	14//	,4,94	9
Directi Please point r lease	ion must be note, the must be loo or spacing	ndicating  be stated it horizontal cated with g unit.  surveys and dire	the necess in degrees a al drainhole nin the bour are requ ctional w	ary information.  Izimuth.  and its end  Idaries of the  Ired for all	NW Depth of Deviation Measured  LATERA SEC Spot Local Depth of Deviation Measured	1/4 NW 1/400 2,300 d Total Depth 14,466  L #2 TWP attion 1/4 d Total Depth	RGE   1/4   R	NE 1/4 Radius of Turn 16 90 rue Vertical De; 9,0	NW 1/4 A44 pth 60 COUNTY	BHL From Lease, Ui Feet From 1/4 Sec L Direction	360 nit, or Prope	FNL 1 Total Length 4 erty Line: 165 FSL Total Length	14//	,4,94	9
Directi Please point r lease	ion must be note, the must be loo or spacing	ndicating  be stated it horizontal cated with g unit.  surveys and dire	the necess in degrees a al drainhole nin the bour are requ ctional w	ary information.  Izimuth.  and its end  Idaries of the  Ired for all	NW Depth of Deviation Measured  LATERA SEC Spot Loci Depth of Deviation	1/4 NW 1/400 2,300 d Total Depth 14,466  L #2 TWP attion 1/4 d Total Depth	RGE   1/4   R	NE 1/4 Radius of Turn 1690 rue Vertical Dep 9,0	NW 1/4 A44 pth 60 COUNTY	BHL From Lease, Ui Feet From 1/4 Sec L Direction	360 nit, or Prope	FNL 1 Total Length 4 erty Line: 165 FSL Total Length	14//	,4,94	9
Directi Please point r lease	ion must be note, the must be loo or spacing	ndicating  be stated if horizontal cated with g unit.  surveys and dire	the necess in degrees a al drainhole nin the bour are requ ctional w	ary information.  Izimuth.  and its end  Idaries of the  Ired for all	LATERA SEC Spot Loci Depth of Deviation Measured	1/4 NW 1/400 2,300 d Total Depth 14,466  L #2 TWP ation 1/4 d Total Depth	RGE 1/4 R	NE 1/4 Radius of Turn 1690 rue Vertical Dep 9,0	NW 1/4  A44  pth 60  COUNTY  1/4  pth	Feet From 1/4 Sec L Direction BHL From Lease, Ui	ines  3607  nit, or Proper  ines	FSL Total Length Perty Line:	14//	,4,94	9
Directi Please point r lease	ion must be note, the must be loo or spacing	ndicating  be stated if horizontal cated with g unit.  surveys and dire	the necess in degrees a al drainhole nin the bour are requ ctional w	ary information.  Izimuth.  and its end  Idaries of the  Ired for all	LATERA SEC Spot Loci Depth of Deviation Measured  LATERA SEC Spot Loci  LATERA SEC Spot Loci Spot Loci Spot Loci Caterial Sec Spot Loci Spot Loci Spot Loci	1/4 NW 1/400 2,300 d Total Depth 14,466  L #2 TWP ation 1/4 d Total Depth	RGE 1/4 RGE 1/4	NE 1/4 Radius of Turn 1690 rue Vertical Dep 9,0	NW 1/4 A44 pth 60  COUNTY	Feet From 1/4 Sec L Direction BHL From Lease, Ui	ines  3607  nit, or Proper  ines	FNL 1 Total Length 4 erty Line: 165 FSL Total Length	14//	,4,94	9
Directi Please point r lease	ion must be note, the must be loo or spacing	ndicating  be stated if horizontal cated with g unit.  surveys and dire	the necess in degrees a al drainhole nin the bour are requ ctional w	ary information.  Izimuth.  and its end  Idaries of the  Ired for all	LATERA SEC Spot Loca Depth of Deviation Measured  LATERA SEC Spot Loca Depth of Deviation Measured  LATERA SEC Spot Loca Depth of Deviation Measured	1/4 NW 7/400 2,300 d Total Depth 14,466  L #2 TWP ation 1/4 d Total Depth  L #3 TWP ation 1/4	RGE 1/4 R T 1/4 R R T 1/4 R	NE 1/4 Radius of Turn True Vertical Dep  1/4 Radius of Turn True Vertical Dep  1/4 Radius of Turn True Vertical Dep	NW 1/4 A14 pth 60  COUNTY  1/4 pth	Feet From 1/4 Sec L Direction  Feet From 1/4 Sec L Direction  Feet From 1/4 Sec L Direction	ines  ines  ines  ines	FSL Total Length FSL Total Length Total Length FSL Total Length FSL Total Length Total Length	14//	,4,94	9
Directi Please point r lease	ion must be note, the must be loo or spacing	ndicating  be stated if horizontal cated with g unit.  surveys and dire	the necess in degrees a al drainhole nin the bour are requ ctional w	ary information.  Izimuth.  and its end  Idaries of the  Ired for all	LATERA SEC Spot Loca Depth of Deviation Measured  LATERA SEC Spot Loca Depth of Deviation Measured  LATERA SEC Spot Loca Depth of Deviation Measured	1/4 NW  7/400 8,300 d Total Depth 14,466  L #2 TWP ation 1/4  d Total Depth  L #3 TWP ation 1/4	RGE 1/4 R T 1/4 R R T 1/4 R	NE 1/4 Radius of Turn 1690 True Vertical Dep 9,0	NW 1/4 A14 pth 60  COUNTY  1/4 pth	Feet From 1/4 Sec L Direction BHL From Lease, Ut	ines  ines  ines  ines	FSL Total Length FSL Total Length Total Length FSL Total Length FSL Total Length Total Length	14//	,4,94	9

RESH

LEASE NAME \_

YES

ITD on file

4-8H

WELL NO.

FOR COMMISSION USE ONLY

(PLEASE TYPE OR USE BLACK INK ONLY) 35-121-24806 NO

(sec) 17

**RESH** 

785

BP AMERICA PRODUCTION COMPANY

OTC PROD. UNIT NO.

COUNTY

LEASE

NAME

NW

NAME

CITY

ELEVATION

OPERATOR

ADDRESS

ORIGINAL 🖪

AMENDED (Reason)

TYPE OF DRILLING OPERATION

811

SERVICE WELL

STRAIGHT HOLE DIRECTIONAL HOL

If directional or horizontal, see reverse for bottom hole location

**PITTSBURG** 

NW 1/4 NE 1/4 NW 1/4

Ground

A: 223754 I

OKLAHOMA CORPORATION COMMISSION

Oil & Gas Conservation Division

Post Office Box 52000

Oklahoma City, Oklahoma 73152-2000 Rule 165:10-3-25

COMPLETION REPORT

SPUD DATE 01/09/2018 DRLG FINISHED 03/17/2018 DATE DATE OF WELL 05/18/2018

COMPLETION 05/18/2018 1st PROD DATE RECOMP DATE

Longitude 35.05887791 -95.90834203 (if known) OTC/OCC 1640 OPERATOR NO

1100 N BROADWAY AVE, SUITE 200

X HORIZONTAL HOLE

WELL

1/4 SEC

NO. FWL OF 12E

4-8H

1564

TWP 3N RGE

296

Latitude (if known)

**OKLAHOMA CITY** OK 73103 ZIP

Form 1002A

Rev. 2009

OKLAHOMA CORPORATION COMMISSION

OCT 2 4 2018

1016EZ 640 Acres LOCATE WELL

				1		l l	L	OCATE WE	LL
COMPLETION TYPE	CA	SING & CEMENT	(Form 100	2C must be	attached)				
X SINGLE ZONE		TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
MULTIPLE ZONE Application Date	со	NDUCTOR							
COMMINGLED Application Date	SU	RFACE	13 3/8	J-55	54.5	1,213		1110	SURFACE
ONDER NO.	44 <b>L</b> , <b>U</b> , INT	TERMEDIATE	9 5/8	J-55	40	5,517		545	3,286
INCREASED DENSITY ORDER NO. 1	62 F.O. PR	ODUCTION	5 1/2	P-110	20	14,466		1740	3,285
sep, allow: (dob	453 LIN	IER							
PACKER @BRAND & TYPE	PLU	UG@	TXPE		PLUG @	TYPE		TOTAL DEPTH	14,466
PACKER @BRAND & TYPE	PLI	ÚG @	TYPE	\	PLUG @	TYPE			
<b>COMPLETION &amp; TEST DATA BY PRODUC</b>	ING FORMATION	-319WD	FD						
	ODFORD							Re	exocted
SPACING & SPACING 5468	851 (640)	Market Control of the						+0	1

ORDER NUMBER to Fractocus CLASS: Oil, Gas, Dry, Inj, GAS Disp, Comm Disp, Svc 9.564' PERFORATED 14.303 ACID/VOLUME 31,074 GALS 206,090 BBLS FLUID FRACTURE TREATMENT 3,283,343 LBS **PROPPANT** (Fluids/Prop Amounts)

	Min Gas Allowabl	e (165:10-17-7)	Gas Purchaser/Measurer First Sales Date	ENABLE MIDSTREAM 5/18/2018
INITIAL TEST DATA	Oil Allowable	(165:10-13-3)		( 0,10,2010
INITIAL TEST DATE	5/18/2018			
OIL-BBL/DAY	( N/A			
OIL-GRAVITY ( API)	N/A			ШПБ
GAS-MCF/DAY	620 MCFDD			
GAS-OIL RATIO CU FT/BBL	N/A	IAS 5	UBMITT	FNI
WATER-BBL/DAY	2,516 BPD			
PUMPING OR FLOWING	FLOWING			
INITIAL SHUT-IN PRESSURE	1025 PSY			11111
CHOKE SIZE	26/64			
FLOW TUBING PRESSURE	1208 PSI			

ecord 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 also the thing 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. **HEATHER HUBER** 9/21/2018 405-401-0927

STATE

ZIP

SIGNATURE NAME (PRINT OR TYPE) 1100 N BROADWAY, SUITE 200 **OKLAHOMA CITY** OK 73103

CITY

DATE HEATHER.HUBER@BPX.COM

PHONE NUMBER

**EMAIL ADDRESS** 

ADDRESS