

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.: 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
NW NW NE NW
296 FNL 1564 FWL of 1/4 SEC
Latitude: 35.05887791 Longitude: -95.90834203
Derrick Elevation: 811 Ground Elevation: 785

First Sales Date: 05/18/2018

Operator: BP AMERICA PRODUCTION COMPANY 1640

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

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	664944		664962	
	Commingled				

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

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

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	To
9564	14303

Acid Volumes

31,074 GALLONS

Fracture Treatments

206,090 BARRELS FLUID, 3,283,343 POUNDS PROPPANT
--

Formation	Top
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

Status: Accepted

1141175

API NO. 35-121-24806
OTC PROD. 087223751
UNIT NO.

(PLEASE TYPE OR USE BLACK INK ONLY)

OKLAHOMA CORPORATION COMMISSION

Oil & Gas Conservation Division

Post Office Box 52000

Oklahoma City, Oklahoma 73152-2000

Rule 165:10-3-25

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OCT 24 2018

OKLAHOMA CORPORATION
COMMISSION

Form 1002A

Rev. 2009

☒ 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	PITTSBURG	SEC	17	TWP	3N	RGE	12E
LEASE NAME	RESH					WELL NO.	4-8H
NW 1/4	NW 1/4	NE 1/4	NW 1/4	FWL OF 1/4 SEC	296	FWL OF 1/4 SEC	1564
ELEVATION Derrick FL	811	Ground	785	Latitude (if known)	35.05887791		
Longitude (if known)	-95.90834203						
OPERATOR NAME	BP AMERICA PRODUCTION COMPANY					OTC/OCC OPERATOR NO.	1640
ADDRESS	1100 N BROADWAY AVE, SUITE 200						
CITY	OKLAHOMA CITY			STATE	OK	ZIP	73103

COMPLETION REPORT

SPUD DATE	01/09/2018
DRLG FINISHED DATE	03/17/2018
DATE OF WELL COMPLETION	05/18/2018
1st PROD DATE	05/18/2018
RECOMP DATE	

640 Acres

W E

LOCATE WELL

COMPLETION TYPE

☒ SINGLE ZONE
☐ MULTIPLE ZONE
Application Date
COMINGLED
Application Date
LOCATION EXCEPTION ORDER NO. 664944 I.O.
INCREASED DENSITY ORDER NO. 664962 F.O.

CASING & CEMENT (Form 1002C 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							
						TOTAL DEPTH	14,466

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	546851 (640)						
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	GAS						
PERFORATED INTERVALS	9,564'						
	14,303'						
ACID/VOLUME	31,074 GALS						
FRACTURE TREATMENT (Fluids/Prop Amounts)	206,090 BBLS FLUID						
	3,283,343 LBS	PROPPANT					

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

Gas Purchaser/Measurer

ENABLE MIDSTREAM

☒

OR

First Sales Date

5/18/2018

INITIAL TEST DATA

Oil Allowable (165:10-13-3)

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
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

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	HEATHER HUBER	DATE	9/21/2018	PHONE NUMBER	405-401-0927
ADDRESS	1100 N BROADWAY, SUITE 200	CITY	OKLAHOMA CITY	STATE	OK
		ZIP	73103	EMAIL ADDRESS	HEATHER.HUBER@BPX.COM

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

NAMES OF FORMATIONS	TOP
WOODFORD	9,394

Other remarks:

SEC	TWP	RGE	COUNTY	PITTSBURG		
Spot Location				Feet From 1/4 Sec Lines	FNL	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	8	TWP	3N	RGE	12E	COUNTY PITTSBURG			
Spot Location						Feet From 1/4 Sec Lines		FNL	FWL
NW 1/4		NW 1/4		NE 1/4		NW 1/4		165	1580
Depth of Deviation				Radius of Turn		Direction		Total Length	
7400 8,300				1690 414		1 360		4411 4,049	
Measured Total Depth				True Vertical Depth		BHL From Lease, Unit, or Property Line:			
14,466				9,060		165 215			

LATERAL #2							
SEC	TWP	RGE	COUNTY				
Spot Location		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:			

LATERAL #3						
SEC	TWP	RGE	COUNTY			
Spot Location				Feet From 1/4 Sec Lines	FSL	FWL
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:			

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.

API NO. 35-121-24806
OTC PROD. ~~087023751~~
UNIT NO.

(PLEASE TYPE OR USE BLACK INK ONLY)

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OCT 24 2018

OKLAHOMA CORPORATION COMMISSION

1016EZ

☒ ORIGINAL
☐ AMENDED (Reason)

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☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE
☐ SERVICE WELL

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WELL NO. 4-8H
NW 1/4 NW 1/4 NE 1/4 NW 1/4 ENE OF 1/4 SEC 296 FWL OF 1/4 SEC 1564
ELEVATION 811 Ground 785 Latitude (if known) 35.05887791 Longitude (if known) -95.90834203
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640 Acres
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LOCATE WELL

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TOTAL DEPTH						14,466	

PACKER @ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE
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COMPLETION & TEST DATA BY PRODUCING FORMATION

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Min Gas Allowable (165:10-17-7) OR Oil Allowable (165:10-13-3)
GAS PURCHASER/MEASURER FIRST SALES DATE
ENABLE MIDSTREAM 5/18/2018

INITIAL TEST DATA

INITIAL TEST DATE 5/18/2018
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GAS-OIL RATIO CU FT/BBL N/A
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CHOKE SIZE 26/64
FLOW TUBING PRESSURE 1208 PSI

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