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

Rule 165: 10-3-25

API No.: 35063246530001 **Completion Report** Spud Date: February 26, 2017

OTC Prod. Unit No.: 063-218758-0-0000 Drilling Finished Date: March 22, 2017

1st Prod Date: May 23, 2017

Completion Date: May 10, 2017 Amend Reason: BOTTOM HOLE CORRECTION

Drill Type: DIRECTIONAL HOLE

Amended

HORIZONTAL HOLE

Well Name: WASHINGTON 1-19-18WH Purchaser/Measurer: BP ENERGY

HUGHES 19 9N 12E First Sales Date: 05/23/2017 Location:

SW SE SW SE 145 FSL 1915 FEL of 1/4 SEC

Latitude: 35.2322222 Longitude: -96.0763889 Derrick Elevation: 0 Ground Elevation: 785

Operator: J & T OPERATING LLC 23734

> 6120 S YALE AVE STE 1480 TULSA, OK 74136-4226

	Completion Type
Х	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
667474

Increased Density
Order No
There are no Increased Density records to display.

		Cas	sing and Ceme	ent			
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20			29		9	SURFACE
SURFACE	13 3/8	54.5	J-55	515		350	SURFACE
INTERMEDIATE	9 5/8	40	J-55	3804		185	2980
PRODUCTION	5 1/2	17	P-110	13095		1470	2980

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

Total Depth: 13100

Pac	ker
Depth	Brand & Type
There are no Packe	r records to display.

Pi	ug
Depth	Plug Type
There are no Plug	records to display.

Initial Test Data

May 18, 2018 1 of 3

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 26, 2017	WOODFORD			374		2197	FLOWING	162	64/64	449

Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

Spacing	Orders
Order No	Unit Size
660420	640
667142	MULTIUNIT

Perforated	d Intervals
From	То
4469	12959

Acid Volumes
3,161 BARRELS 15% HCL

Fracture Treatments
261,516 BARRELS FLUID, 5,581,476 POUNDS SAND

Formation	Тор
WAPANUCKA LS	3253
UNION VALLEY LS	3425
CANEY SHALE	3998
WOODFORD SHALE	4449

Were open hole logs run? No Date last log run: April 24, 2017

Were unusual drilling circumstances encountered? No Explanation:

Other Remarks

LOST HOLE AT 4,383'

Bottom Holes

Sec: 19 TWP: 9N RGE: 12E County: HUGHES

SW SE SW SE

177 FSL 1667 FEL of 1/4 SEC

Depth of Deviation: 0 Radius of Turn: 0 Direction: 0 Total Length: 0

Measured Total Depth: 4383 True Vertical Depth: 4285 End Pt. Location From Release, Unit or Property Line: 177

Lateral Holes

Sec: 18 TWP: 9N RGE: 12E County: HUGHES

NW NE SW NE

1642 FNL 1717 FEL of 1/4 SEC

Depth of Deviation: 3892 Radius of Turn: 874 Direction: 360 Total Length: 8334

Measured Total Depth: 13100 True Vertical Depth: 4090 End Pt. Location From Release, Unit or Property Line: 1642

FOR COMMISSION USE ONLY

May 18, 2018 2 of 3

Status: Accepted

May 18, 2018 3 of 3

	3 D)								5			
API 2506224652	PLEASE TYPE OR USE	BLACK INK (ONI Y						R		BIVVIE	10
NO. 3506324653 OTC PROD 3-2/8/158	OOOCkttach copy of original recompletion of	i: ginal 1002A			Oil & Gas	s Conservation t Office Box 5	2000	1		JUL	1 7 2017	Re
ORIGINAL AMENDED (Reason)	BHL Corre		Oklahoma City, Oklahoma 73152-2000 Rule 165:10-3-25 COMPLETION REPORT						OKLAHOMA CORPORATION COMMISSION			
TYPE OF DRILLING OPERAT STRAIGHT HOLE SERVICE WELL	<u> </u>	HORIZONT	AL HOLE		DATE	2-26			<u> </u>	640 Acres	11001014]
If directional or horizontal, see	reverse for bottom hole location.			DATE		3-22	-17					-
COUNTY HUGH	HES SEC 19 TWI	P 9N RGE			OF WELL PLETION	5-10	-17					1
NAME	WASHINGTON	WEL NO.	1-19-18	#st PR	ROD DATE	5-23	-17					-
SW 1/4 SE 1/4 SW	V 1/4 SE 1/4 FSL OF 1/4 SEC	145 FEL 1/4 S		15 RECO	MP DATE			W		1/14		E
ELEVATIO N Derrick Grou	und 785 Latitude (if kn	own) 35	.23222	22 Longiti		-96.076	3889					
OPERATOR NAME	J & T OPERATING, L	_LC		OTC/OCC OPERATOR	R NO.	237	34					
ADDRESS	612	0 S. YAL										-
CITY	TULSA	STA	TE	OK	ZIP	741	36			OCATE WE	(X)	
COMPLETION TYPE		CASING &	CEMENT	(Form 100)2C must be	attached)				OCATE WE	tal.	
X SINGLE ZONE		TYP	'E	SIZE	WEIGHT	GRADE	FEET		PSI	SAX	TOP OF CMT	
MULTIPLE ZONE Application Date COMMINGLED		CONDUCTO)R	20			29			9	SURFACE	
Application Date	66747480,	SURFACE		13-3/8"	54.5	J-55	515			350	SURFACE	
EXCEPTION ORDER INCREASED DENSITY	661924 /6 61838	INTERMEDI	ATE	9-5/8"	40	J-55	3,804	1		185	2980'	
ORDER NO.		PRODUCTION	NC	5-1/2"	17	P-110	13,09	5		1470	2980'	
		LINER					***************************************					
PACKER @BRA		_PLUG @		TYPE.		PLUG @ _	TYPE			TOTAL DEPTH	13,100	
	ND & TYPE TA BY PRODUCING FORMATION TA BY PRODUCING FORMATION TO BE THE PROPERTY OF THE PRO	_PLUG @	a 11/1	TYPE		PLUG @ _	TYPE					
FORMATION	WOODFORD /		CTOT	142%	D.	Т.						1
SPACING & SPACING ORDER NUMBER	640 - 660420	1	49	141	mult	init)					
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	GAS	- 61	2 1 10		7.00.00							
PERFORATED INTERVALS	4469-12959											
ACID/VOLUME	3161 Bbls 15% HCI											
												1
								1				1
	261,516 Bbls Fluid											
	261,516 Bbls Fluid 5,581,476 # Sd											
(Fluids/Prop Amounts)	5,581,476 # Sd Min Gas Allov OR		(165:10	0-17-7)			rchaser/Measu ales Date	rer		BP E 5/23/	nergy /2017	
Fluids/Prop Amounts) NITIAL TEST DATA	5,581,476 # Sd Min Gas Allov OR Oil Allowable		(165:10 10-13-3)	0-17-7)				rer		BP E 5/23/	nergy /2017	
Fluids/Prop Amounts) NITIAL TEST DATA NITIAL TEST DATE	5,581,476 # Sd Min Gas Allov OR Oil Allowable 5/26/2017		•	0-17-7)				rer		BP E 5/23	nergy /2017	
Fluids/Prop Amounts) NITIAL TEST DATA NITIAL TEST DATE DIL-BBL/DAY	5,581,476 # Sd Min Gas Allov OR Oil Allowable		•	0-17-7)		First Sa	ales Date				-	
NITIAL TEST DATA NITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY (API)	5,581,476 # Sd Min Gas Allov OR Oil Allowable 5/26/2017		•	0-17-7)	2	First Sa	ales Date				-	
NITIAL TEST DATA NITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY (API) GAS-MCF/DAY	5,581,476 # Sd Min Gas Allov OR Oil Allowable 5/26/2017		•	0-17-7)		First Sa	ales Date				·////	
NITIAL TEST DATA NITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL	5,581,476 # Sd Min Gas Allov OR Oil Allowable 5/26/2017 0 374		•	0-17-7)		First Sa	ales Date				·////	
NITIAL TEST DATA NITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL WATER-BBL/DAY	5,581,476 # Sd Min Gas Allov OR Oil Allowable 5/26/2017 0 374 2197		•	0-17-7)		First Sa	ales Date				·////	
NITIAL TEST DATA NITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL VATER-BBL/DAY	5,581,476 # Sd Min Gas Allov OR Oil Allowable 5/26/2017 0 374 2197 Flowing		•	0-17-7)		First Sa	ales Date				·////	
NITIAL TEST DATA NITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL WATER-BBL/DAY PUMPING OR FLOWING	5,581,476 # Sd Min Gas Allov OR Oil Allowable 5/26/2017 0 374 2197 Flowing 162		•	0-17-7)		First Sa	ales Date				·////	
INITIAL TEST DATA NITIAL TEST DATA NITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL NATER-BBL/DAY PUMPING OR FLOWING NITIAL SHUT-IN PRESSURE	5,581,476 # Sd Min Gas Allov OR Oil Allowable 5/26/2017 0 374 2197 Flowing		•	0-17-7)		First Sa	ales 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 NITIAL SHUT-IN PRESSURE CHOKE SIZE	5,581,476 # Sd Min Gas Allov OR Oil Allowable 5/26/2017 0 374 2197 Flowing 162		•	0-17-7)		First Sa	ales Date				·////	
INITIAL TEST DATA 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 NITIAL SHUT-IN PRESSURE CHOKE SIZE FLOW TUBING PRESSURE	5,581,476 # Sd Min Gas Allov OR Oil Allowable 5/26/2017 0 374 2197 Flowing 162 64/64	(165:	10-13-3)			AS	S SU	B N		TEL		
FRACTURE TREATMENT (Fluids/Prop Amounts) 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 CHOKE SIZE FLOW TUBING PRESSURE A record of the formations drill to make this report, which was SIGNAT 6120 S. Ya	5,581,476 # Sd Min Gas Allow OR Oil Allowable 5/26/2017 0 374 2197 Flowing 162 64/64 449 led through, and pertinent remarks prepared by me or under my superunce.	(165:	d on the revirection, with	verse. I dec h the data a Teresa		A Construction of the cons	S S U	of this repo	rt and am re to the be 13/2017	authorized by	my organization wiedge and belief. 8-949-4224 ONE NUMBER	

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.

NAMES OF FORMATIONS

		MD		APPROV	ED	DISAPPRO	OVED 2) Reject	Codes		
Wapanucka Ls		3,253					· · · · · · · · · · · · · · · · · · ·			
Union Valley Ls		3,425								
Caney Shale										
		3,998					And the second s			
Woodford Shale		4,449					-			
							*			
·				Were ope	en hole logs r	un?	yes _X_no			
				Date Last	t log was run		4/24/2	2017		
				Was CO ₂	encountered	d?	yes X no	at what depths?		
					encountered		yes X no	at what depths?		
							es encountered?		yes X	
				If yes, brid	efly explain be	elow	oo onoodinorod:	***************************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Other remarks:										
Lost hole at 4383'		<u> </u>								
Legat field at 4000										
DIK 640 Acres	BOTTOM HOLE	LOCATION	FOR DI	RECTIONAL HO	DLE					
	SEC 19 TWP	9N	RGE	12E	COUNTY		L	lughes		
	Spot Location				<u> </u>	E E			T _{ee} .	4007
	SW 1/4 Measured Total D	SE Depth	1/4	SW 1/4 True Vertical De	SE enth	1/4 Feet Fr	rom 1/4 Sec Lines	FSL 177	FEL	1667
	1	383'			285'	Brieri	om Loade, orm, or riops	177'		
	L	***************************************			www.mctolonanu.mana.mana.mana.ma		TOTAL PROPERTY OF THE PROPERTY	A-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		
	BOTTOM HOLE	LOCATION	FOR HC	ORIZONTAL HO	LE: (LATER	ALS)				
	SEC 18 TWP	9N	RGE	12E	COUNTY		LII	JGHES		
			-					T	1	4747
	Spot Location WH2 Depth of		1/4	SW 1/4 Radius of Turn		1/4 Feet Fr	rom 1/4 Sec Lines	FNL 1642	FEL	1717
If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.	Deviation Measured Total D	3,892			874	DII C	on 360 0.19 deg	Length	8,334	
	1	,100		True Vertical De	990 190	BHLFI	om Lease, Unit, or Prope	1642		
Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end				7,0				1072		
point must be located within the boundaries of the lease or spacing unit.	SEC TWP		RGE		COUNTY					
Directional surveys are required for all	Spot Location							T		
drainholes and directional wells. 640 Acres	1/4		1/4	1/4		1/4	om 1/4 Sec Lines	FNL	FEL	
040 Acres	Depth of Deviation			Radius of Turn		Directio		Total Length		
	Measured Total D	epth		True Vertical De	pth	BHL Fr	om Lease, Unit, or Prope	erty Line:		
	L									
/(2)	SEC TWP		IDOE		LCOUNTY					
	Spot Location		RGE		COUNTY					

1/4

Direction

| Length | BHL From Lease, Unit, or Property Line:

Radius of Turn

True Vertical Depth

Depth of Deviation Measured Total Depth

LEASE NAME

ITD on file

YES

TOP

WELL NO. _ 1-19-18WH

Total

WASHINGTON

NO

FOR COMMISSION USE ONLY

	A comment		9/1/	1-1						
* * *	201		814	13			10)		DN 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
API 3506324653	PLEASE TYPE OR USE		, (185		ON A TE	
OTC PROD. 3-2/8/158	Attach copy of original frecompletion of	ginal 1002A		Oil & Gas Post	ORPORATION S Conservation t Office Box 520 ity, Oklahoma	Division 100		JUL	1 7 2017 1	
ORIGINAL AMENDED (Reason)	ORIGINAL				Rule 165:10-3-2 PLETION REP	25	OKLAHOMA CORPORAT COMMISSION			
TYPE OF DRILLING OPERAT STRAIGHT HOLE		HORIZONTAL HOLE	SPUD	DATE	2-26-1	7		640 Acres		
SERVICE WELL	_	_HORIZONTAL HOLE	DRLG	FINISHED	3-22-1	7				
COUNTY HUGH	reverse for bottom hole location. IES SEC 19 TWI	P 9N RGE 12		OF WELL	5-10-1					
LEASE	WASHINGTON	WELL 10	COMP	CETION OD DATE	5-23-1					
NAME SW 1/4 SE 1/4 SW	1 1/4 SF 1/4 FSL OF	NO.[- 9- 145 FEL OF 19	ON I I	MP DATE	J-2J-1	w				
ELEVATIO	1/4 SEC	1/4 SEC	1		-96.0763	990		7/7		
OPERATOR AIM	J&T OPERATING, L		(II KIIO							
ADDRESS		0 S. YALE #14	OPERATOR	R NO. 1 3 5	15 2373	"				
CITY	OIZ							1		
L	TULSA	STATE	OK		7413	5 '	L	OCATE WE		
X SINGLE ZONE		TYPE	SIZE	2C must be WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT	
MULTIPLE ZONE Application Date		CONDUCTOR	20	11210111	GIVIBE	29	101	9	SURFACE	
COMMINGLED Application Date	CONTRA	SURFACE	13-3/8"	54.5	J-55	515		350	SURFACE	
LOCATION EXCEPTION ORDER	661924/661838	INTERMEDIATE	9-5/8"	40	J-55	3,804		185	2980'	
INCREASED DENSITY ORDER NO.		PRODUCTION	5-1/2"	17	P-110	13,095		1470	2980'	
onder no.		LINER								
PACKER @ BRAN	ND & TYPE	PLUG @	TYPE		PLUG @	TYPE		TOTAL DEPTH	13,100	
PACKER @BRAN	ND & TYPE	PLUG@	TYPE		PLUG @			DEPIN		
FORMATION & TEST DAT	A BY PRODUCING FORMATI	on 319W	UFD	0		T			1	
SPACING & SPACING	WOODFORD / 640 - 660420	60	71421.		• (2)					
ORDER NUMBER CLASS: Oil, Gas, Dry, Inj,	GAS	6617	27 (mult	unit)			- A		
Disp, Comm Disp, Svc	GAS	A /	119	F1.						
PERFORATED			Hu	rit:						
INTERVALS	1100 12000			100		0				
ACID/VOLUME	3161 Bbls 15% HCI	Sec. 19:			5818	122170	-218758 I		I	
			Sac	10 0	1/2 1	17398	2107	00	* Commence of the Commence of	
FRACTURE TREATMENT (Fluids/Prop Amounts)	261,516 Bbls Fluid		sec.	US L	4/2)	7110	7184	DO H		
(Fladds) Top Amounts)	5,581,476 # Sd									
	Min Gas Allo	wable (165:	:10-17-7)		Gas Purc	haser/Measurer		BP F	nergy	
INITIAL TEST DATA	OR Oil Allowable	(465.40.42.2)			First Sale	s Date		5/23	/2017	
INITIAL TEST DATE	5/26/2017	(165:10-13-3)							and the same of th	
OIL-BBL/DAY	0			4.0						
OIL-GRAVITY (API)	The Associated Control of the Contro			<u>" </u>	//////	////////	////			
GAS-MCF/DAY	374									
GAS-OIL RATIO CU FT/BBL					INC	SUL	MIT			
WATER-BBL/DAY	2197				MJ	JUL		Itl		
PUMPING OR FLOWING	Flowing					,,,,,,,,,	,,,,,,,,,	,,,,,,,		
INITIAL SHUT-IN PRESSURE	162								///;	
CHOKE SIZE	64/64									
FLOW TUBING PRESSURE	449			***************************************						
A record of the formations drill	ed through and pertinent remarks	s are presented on the	reverse I de-	Nara that I b-	ve knowledge	of the contents of "	nie ranad and a	outhoriz = -1 !	/ my organization	
to make his report, which was	prepared by me or under my super	ervision and direction, v	vith the data a	nd facts state	ed herein to be	true, correct, and c	complete to the be	st of my knov	wledge and belief.	
SIGNAT	URE	N	I eresa IAME (PRIN)		7/13/2017 DATE		8-949-4224 ONE NUMBER	
6120 S. Yal		Tulsa	OK	74136		twa	de@calyxen		I	
ADDRE	SS	CITY	STATE	ZIP			EMAIL ADDR			

Form 1002A Rev. 2009

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