State of West Virginia Department of Environmental Protection - Office of Oil and Gas Well Operator's Report of Well Work

API 47 - 59 _ 0	2245	County MINGO		District HARVEY	
Quad WILSONDALE		Pad Name		Field/Pool Name	
Farm name HUNTINGTO	N REALTY	CORP		Well Number HR	
Operator (as registered with	the OOG) T	UG FORK DEVE	LOPMENT		
Address 3930 BRANDY	WINE DR	City CA	TLETTSBURG	State KY	Zip 41129
As Drilled location NAD Top Landing Point of C Bottom	hole Nor Curve Nor	Attach an as-drille thing 4, 195, thing thing	082.250	Easting 369, 280 Easting Easting Easting	1.6/2
Elevation (ft) 1153 Permit Type Deviate	237	15.5		Type of Repor	t □Interim □Final □ Deep ■ Shallow
Type of Operation □ Conv	ert 🗆 Deep	oen 🛢 Drill 🗆	Plug Back - F	Redrilling Rework	□ Stimulate
Type of Completion Sin	gle 🗆 Multip	le Fluids Produ	ced 🗆 Brine 🗆	Gas □ NGL □ Oil	Other DRY HOLE Received Office of Oil 2. Gas d Fresh Water 28 Brine JUL 2 1 28 Brine
Date permit issued7	/29/14	Date drilling com	menced 9/15	/14 Date drilling	ceased Received Grant Oil & Gas
Date completion activities	began	K 4428 52 7407	Date completion 5/13/15	n activities ceased	Office of Oil & Gas
Verbal plugging (Y/N)	Da	e permission grante	d	Granted by	Jeremy James 1 5 2015
Please note: Operator is re	quired to subn	nit a plugging applic	ation within 5 day	s of verbal permission to	plug
Freshwater depth(s) ft	NO S	HOWS	Open mine(s) (Y	//N) depths	
Salt water depth(s) ft			Void(s) encount	ered (Y/N) depths	
Coal depth(s) ft	none		Cavern(s) encou	ntered (Y/N) depths	N
Is coal being mined in area	(Y/N)	N			JK9/10/15 Reviewed by:

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CASING	1001. 0/23/13									
STRINGS Size Size Depth Used work Depth(s) *Provide details below* Provide details P	API 47-59	02245	Farm n	ame_HUNTIN	IGTON RE	ALTY C	ORP_Wel	ll number_HF	RC 3	
Decidence	CASING STRINGS			Denth				-		, ,
Total 12 1/4" 9 5/8 320 NEW N 26# 280 YES Intermediate 1 8 3/4 7" 1634 NEW N 19# 350,100 YES Intermediate 2 1 8 3/4 7" 1634 NEW N 19# 350,100 YES Intermediate 3 Notation Intermediate 4 New N 19# 350,100 YES Intermediate 3 Notation Intermediate 4 Notation Intermediate 6 Notation Intermediate 1 Notation Intermediate 3	Conductor					T	126#	Depth(s)	Trov	 -
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Intermediate 2 Intermediate 3 Interm	Intermediate I						 			
Troduction Loggers TD (ft) N/A Received Plug back to (ft) SURFACE Plug back to (ft) SURFACE Plug back procedure SEE PLUGGING AFFIDAVIT Office of Cit 2 2 2 2 2 2 2 2 2	Intermediate 2	CITE CEMEN	12077	12.17	15.0	547 1.2	310	JUNI	ACE	13 ПКЗ
Drillers TD (ft) 2801 Deepest formation penetrated BEREA Deepest formation penetrated BEREA Plug back to (ft) SURFACE Plug back to (ft) SURFACE Office Of Cit 2. Cick off depth (ft) Check all wireline logs run neutron resistivity gamma ray temperature sonic Well cored res No Conventional Sidewall Were cuttings collected research No DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING WAS WELL COMPLETED AS SHOT HOLE res No DETAILS Received Office of Cit 2. WAS WELL COMPLETED OPEN HOLE? res No DETAILS Received Office of Cit 2.	Intermediate 3						 -			
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Check all wireline logs run	Deepest forma	tion penetrated							Office	eceived of Oil ⁹ G
Well cored	-		•	-				nduction		
WAS WELL COMPLETED OPEN HOLE? DYes No DETAILS			Conventi	onal Side	ewall	W	ere cutting	s collected	■ Yes (no No
			· · · · · · · · · · · · · · · · · · ·					—-е)ffice	CA CII & C
WERE TRACERS USED	WAS WELL	COMPLETED	OPEN HOLE?	□Yes 🖷 ì	No DET	AILS _				
	WERE TRAC	ERS USED	Yes B No	TYPE OF 1	ΓRACER(S)	USED _				

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Farm name HUNTINGTON REALTY CORP Well number HRC 3

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
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Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	NITE OF OHE	
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Please insert additional pages as applicable.

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API 47- 59	_ 02245		Farm	name HUNTIN	IGTON REA	LTY CORI	P Well r	umber F	IRC :	3
										
PRODUCING I	<u>FORMATIO</u>	<u>N(S)</u>	-	<u>DEPTHS</u>						
N/A					TVD		MD			
·	****		-	•••	· ·					
			-							
	······································		-							
Please insert ad	ditional page	es as appli	cable.				_			
GAS TEST	🗆 Build up	□ Draw	down	□ Open Flow	Ol	L TEST of	Flow c	Pump		
SHUT-IN PRE	SSURE S	urface		_psi Botto	m Hole	psi	DURAT	TION OF	TES	Γ hrs
OPEN FLOW		ncfpd _		NGL opd	bpd	ater bpd	GAS M	fEASUR nated t	ED B Orif	Y fice □ Pilot
LITHOLOGY/	ТОР	ROT	гтом	TOP	воттом					
FORMATION	DEPTH IN F					DESCRIBE	ROCK TY	E AND RI	ECORI	QUANTITYAND
	NAME TVE		VD	MD	MD					NE, OIL, GAS, H2S, ETC)
AND AND SHALE	0			0	998					
SALT SAND				998	1187					
SAND AND SHALE				1187	1351	ļ				
SALT SAND				1351	1463	ļ		BRINI	1420	· · · · · · · · · · · · · · · · · · ·
MAXON				1463	1523					<u> </u>
SAND AND SHALE				1523 1600	1600 1630			RED	HALE	
BIG LIME				1630	1673					
INJUN SAND				1673	1803	· · · · · · · · · · · · · · · · · · ·				
SAND AND SHALE				1803	2432					
OFFEE SHALE				2432	2455					
BEREA				2455	2545			DAMP H	OLE (C	OIL)
WHITE SLATE				2545	2801	ļ		· -		Received
D1:	1'4' 1			<u> </u>	<u> </u>	<u> </u>			-Off	fice of Oil R. Gas
Please insert ad										JUL 21 2015
Drilling Contra		ERICAN D	ORILLING	3			_	101 1020		
Address PO BO	X 327			City	WILLIAMSBU	KG	State	KY 40769	_Zip	
Logging Compa	anv									
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Cementing Con	npany NABC	RS							- •	Office of Oil MAY 15
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Submittal of Hydraulic Fracturing Chemical Disclosure Information

Title OWNER

Attach copy of FRACFOCUS Registry

Date 5/8/15