

WR-35 Rev. 8/23/13

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

JUN 2 6 2014

20 06254 14	A# 1 A	M	W Department of
DI LIE ODEEK	WHA Distr	ict BIG SAW	Whinental Protection
Quad BLUE CREEK Pad Name	Field	l/Pool Name _	
Farm name JOHN & PEGGY BARKER REVOCABLE		Number WH	ITE 2A
Operator (as registered with the OOG) RAVEN RIDGE B	ENERGY, LLC		
Address 3230 PENNSYLVANIA AVENUE City CH	HARLESTON	State WV	Zip 25302
As Drilled location NAD 83/UTM Attach an as-dril Top hole Northing N/A Landing Point of Curve Northing N/A	led plat, profile view, and dev Easting Easting	N/A	
Bottom Hole Northing N/A	Easting !		
Elevation (ft) 811' GL Type of Well	■New □ Existing	Type of Report	□Interim
Permit Type Deviated Horizontal Horizontal	ental 6A 🚪 Vertical	Depth Type	□ Deep ■ Shallow
Type of Operation □ Convert □ Deepen ■ Drill	□ Plug Back □ Redrilling	□ Rework	■ Stimulate
Well Type □ Brine Disposal □ CBM ■ Gas ■ Oil □ Se	condary Recovery	n Mining 🗆 St	orage Other
Drilled with □ Cable ■ Rotary		NGL ■ Oil	□ Other
Drilling Media Surface hole ■ Air □ Mud □ Fresh W Production hole ■ Air □ Mud □ Fresh Water □ Brir		□ Air ■ Mud	☐ Fresh Water ☐ Brine
Production hole Air Mud Fresh Water Brit Mud Type(s) and Additive(s) SOAP	ie		
Date permit issued 3/28/2013 Date drilling com			
Date completion activities began1/16/2014	-	ceased	
Verbal plugging (Y/N) N Date permission grante	ed N/A G	ranted by	N/A
Please note: Operator is required to submit a plugging applic	cation within 5 days of verbal	permission to p	lug
Freshwater depth(s) ft150'	Open mine(s) (Y/N) depths		N
Salt water depth(s) ft1,100' - 1,600'	Void(s) encountered (Y/N)		N
Coal depth(s) ftNONE OF RECORD	Cavern(s) encountered (Y/I		N
Is coal being mined in area (Y/N) N		-	Reviewed by:

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API 47- 39	06351	Farm n	ame	GY BARKER R	REVOCABLE TI	RUST_We	II number_W	/HITE 2A	
CASING	Hole	Casing		New or	Grade		Basket		
STRINGS Conductor	Size	Size	Depth	Used	wt/ft		Depth(s)	* Provid	ent circulate (Y/N) le details below*
Surface	14 1/4"	13 3/8"	30'	NEW	J55 - 4				EMENTED BY RIC
Coal	12 1/4*	9 5/8"	377'	NEW	LS - 1	7LBS			YES
Intermediate 1	P 2/4"	70	4						
Intermediate 2	8 3/4"	7"	1,771'	NEW	J55 - 2	23LBS			YES
Intermediate 3									
Production	6 1/4"	4 1/2"	-22001	NEW					
Tubing	0 1/4	4 1/2	2200'	NEW	J-55 - 10).5 LBS.			
Packer type and de	epth set		2000						
Comment Details									
COMMON DOMES									
							 -		
CEMENT	Class/Type	Numbe	. Cl						
DATA	of Cement	of Sack	,		Yield Volume (ft^3/sks) (ft^2)		Cen Top (WOC
Conductor	CLASS I	10 - Ri	3				GROUN		(hrs) 8
Surface	CLASS I	140	15.6		1.18	165.2	GROUNI		8
Coal									
Intermediate I	CLASS I	355	15.6	1	1.18	418.9	GROUND LEVEL		8
Intermediate 2									
Intermediate 3									
Production	CLASS I	150	14.2	1	1.29 193.5		GROUNI) LEVEL	8
Tubing									
Drillers TD (ft)	2021'			I oggana Ti	D (A) 2047			<u>-</u>	
, ,	ion penetrated W	'eir		Loggers Ti			 		
Plug back proc				I lug Dack	to (It) Nois				
			-						
Kick off depth (Ά)								
rack on depth (11)								
Check all wireli	ne logs run	■ caliper	■ density	n darieta	ند ناه				
		•	□ resistivity	■ damma	ed/direction				
				- Samma	пау	= 10	emperature	□sonic	
Well cored 🗆	Yes 🗂 No	 Convention 	nal Sidewa	all	Were	cuttings	collected [o Ves ■	No
DESCRIBE TH	E CENTRALIZ	ER PLACEME	NT USED FOR	EACH CA	SING STR	ING			
							· · · · · · · · · · · · · · · · · · ·		
									
		BIIOT HOLL	O ies a r	NO DE	IAILS				
WAR BURE CO									
was well co	OMPLETED OP:	EN HOLE?	□ Yes 🛔 No	DETA	ILS				
									
VERE TRACE	RS USED 🗅 Y	es 🖪 No	TVPE OF TP	\ CED/6\ 11	CED				

API 47-39 _ 06351

Farm name JOHN & PEGGY BARKER REVOCABLE TRUST Well number WHITE 2A

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Down of the
1	1/17/2014	1971'	1832'	16	Formation(s) WEIR
				10	VVEIR
-					
ļ					
ļ					
L1					

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)	Amount of Nitrogen/other (units)
1	1/17/14	25	2828	3811	1363	15,000	500	O O
						1		

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Please insert additional pages as applicable.

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API 47- <u>39</u>	_ 06351	Farm	name JOHN & PE	GGY BARKER R	EVOCABLE TRU	JST Well numb	er WHITE 2	<u> </u>
PRODUCING WEIR			<u>DEPTHS</u> 1836' - 1892'					
Please insert ac	lditional pages	as applicable.						
		• •	□ Open Flow	0	ILTEST #	Flow □ Pun	an	
			psi Botto				•	12 hm
OPEN FLOW	Gas	Oil	NGL bpd	V	Vater	GAS MEAS	NIRED BY	
LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD			ID RECORD QUA	
SAND	0	1100'	1 0	MD	TTFEOFFI	-OID (FRESHW)	TIER, BRINE, OI	L, GAS, H ₂ S, ETC)
SALT SAND	1100'	1330'						
SAND	1330'	1390'						
MAXTON	1390'	1527'					<u> </u>	
PENCIL CAVE	1527'	1544'					***************************************	
LITTLE LIME	1544'	1549'						
BIG LIME	1549'	1712'						
BIG INJUN	1712'	1738'			<u> </u>			
SAND	1738'	1836'						
WEIR	1836'	1892'						
SAND	1892'	2021'						
·								
Please insert ad	ditional pages	es annliachla						
		• •						
Drilling Contra		ld Services						
Address 7752 Ly	ynne Avenue		City	Hamlin		State	Zip 2552:	3
Logging Compa Address 286 We	any Weatherford	d	City	Buckhannon		State WV	Zip 2620°	ı
						Diale	Zip	·
Cementing Con Address 5 Hall R		I Well Services	City	Buckhannon		State WV	Zip 2620	I
Stimulating Cor	pu	sal Well Service	es				•	
Address 5 Hall R			City	Buckhannon		StateWV	Zip 26201	
Please insert add	ditional pages a	s applicable.						
Completed by	Danielle N. Bog	gs			Telephone	304-344-9291		
Signatura	ulu J.	Boggs	Title O	perations Manag	jer .		12/11/2013	
Submittal of Hy	draulic Fractur	ing Chemical I	Disclosure Infor	mation A	ttach copy of	FRACFOCU	S Registry	