

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

API 47 - 39 - 06354 County KANAWHA District BIG SANDY
Quad BLUE CREEK Pad Name _____ Field/Pool Name _____
Farm name TEX SEABOLT Well Number WHITE 1A
Operator (as registered with the OOG) RAVEN RIDGE ENERGY, LLC
Address 3230 PENNSYLVANIA AVENUE City CHARLESTON State WV Zip 25302

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing N/A Easting N/A
Landing Point of Curve Northing N/A Easting N/A
Bottom Hole Northing N/A Easting N/A

Elevation (ft) 839' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
SOAP

Date permit issued 3/15/2013 Date drilling commenced 4/10/2013 Date drilling ceased 4/17/2013
Date completion activities began NONE HAVE BEEN PERFORMED Date completion activities ceased _____
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 150' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1,100' - 1,600' Void(s) encountered (Y/N) depths N
Coal depth(s) ft NONE OF RECORD Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

RECEIVED
Office of Oil & Gas
Reviewed by: _____
MAY 28 2014

API 47-39 - 06354

Farm name TEX SEABOLT

Well number WHITE 1A

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	14 1/4"	13 3/8"	30'	NEW	J55 - 42LBS		YES - CEMENTED BY RIG
Surface	12 1/4"	9 5/8"	377'	NEW	LS - 17LBS	120'	YES
Coal							
Intermediate 1	8 3/4"	7"	1,769'	NEW	J55 - 23LBS	335'	YES
Intermediate 2							
Intermediate 3							
Production							
Tubing							
Packer type and depth set							

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	CLASS I	10 - RIG				GROUND LEVEL	8
Surface	CLASS I	160	15.6	1.18	188.8	GROUND LEVEL	12
Coal							
Intermediate 1	CLASS I	295	15.6	1.18	348.1	GROUND LEVEL	8
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) 2058'

Loggers TD (ft) 2050'

Deepest formation penetrated WEIR

Plug back to (ft) _____

Plug back procedure _____

Kick off depth (ft) _____

Check all wireline logs run

- caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No

Conventional Sidewall

Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS This well has not been completed to date and has been re-permitted to run 4 1/2", perforate and perform acid and water frac.

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

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PRODUCING FORMATION(S) DEPTHS
NO PRODUCTION AT THIS TIME _____ TVD _____ MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump
 SHUT-IN PRESSURE Surface _____ psi Bottom Hole _____ psi DURATION OF TEST _____ hrs
 OPEN FLOW Gas Oil NGL Water
 _____ mcfpd _____ bpd _____ bpd _____ bpd Estimated Orifice Pilot
 GAS MEASURED BY

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
SAND	0	1128'	0		
SALT SAND	1128'	1357'			
SAND	1357'	1418'			
MAXTON	1418'	1555'			
PENCIL CAVE	1555'	1572'			
LITTLE LIME	1572'	1577'			
BIG LIME	1577'	1740'			
BIG INJUN	1740'	1766'			
SAND	1766'	1964'			
WEIR	1964'	2017'			
SAND	2017'	2058'			

Please insert additional pages as applicable.

Drilling Contractor Petty Oilfield Services
 Address 7752 Lynn Avenue City Hamlin State WV Zip 25523
 Logging Company Weatherford
 Address 286 Weatherford Blvd. City Buckhannon State WV Zip 26201
 Cementing Company Universal Well Services
 Address 5 Hall Run Road City Buckhannon State WV Zip 26201
 Stimulating Company None
 Address _____ City _____ State _____ Zip _____

Please insert additional pages as applicable.

Completed by Danielle N. Boggs Telephone 304-344-9291
 Signature *Danielle N. Boggs* Title Operations Manager Date 12/11/2013

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry