

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

API 47-095-1627 County TYLER District MCELROY
Quad CENTERPOINT 7.5' Pad Name E LONGSTRETH Field/Pool Name STRIGHTOWN
Farm name STACKPOLE, ALLEN D ET AL Well Number E-12
Operator (as registered with the OOG) H.G. ENERGY LLC
Address 5260 DUPONT ROAD City PARKERSBURG State WV Zip 26101

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,368,923 M Easting 525,550 M
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing M Easting M

Elevation (ft) 1,004' 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)
N/A

Date permit issued 10/07/13 Date drilling commenced NA Date drilling ceased NA
Date completion activities began 12/11/13 Date completion activities ceased 1/20/14
Verbal plugging (Y/N) N Date permission granted _____ Granted by _____

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

Freshwater depth(s) ft None Open mine(s) (Y/N) depths N
Salt water depth(s) ft None Void(s) encountered (Y/N) depths N
Coal depth(s) ft None Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

RECEIVED
Office of Oil & Gas

Reviewed by: _____

APR 17 2014

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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							
Surface	12 1/4"	8 5/8"	265'	New	LS	64'	Y
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	8"	4 1/2"	2935.7	New	J-55		N
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							
Surface	Reg Neat	85	15.6	1.18	100	Surface	8
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	50:50 Pozmix	170	14.2	1.27	216	1900' (calc)	8
Tubing							

Drillers TD (ft) 3025'

Loggers TD (ft) 3019'

Deepest formation penetrated Gordon

Plug back to (ft) N/A

Plug back procedure N/A

Kick off depth (ft) NA

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 NA

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

