

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

API 47 - _____ - _____ County _____ District _____

Quad _____ Pad Name _____ Field/Pool Name _____

Farm name _____ Well Number _____

Operator (as registered with the OOG) _____

Address _____ City _____ State _____ Zip _____

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey

Top hole	Northing _____	Easting _____
Landing Point of Curve	Northing _____	Easting _____
Bottom Hole	Northing _____	Easting _____

Elevation (ft) _____ 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)

Date permit issued _____ Date drilling commenced _____ Date drilling ceased _____

Date completion activities began _____ Date completion activities ceased _____

Verbal plugging (Y/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 _____ Open mine(s) (Y/N) depths _____

Salt water depth(s) ft _____ Void(s) encountered (Y/N) depths _____

Coal depth(s) ft _____ Cavern(s) encountered (Y/N) depths _____

Is coal being mined in area (Y/N) _____

Reviewed by:

API 47- _____ - _____ Farm name _____ Well number _____

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							
Coal							
Intermediate 1							
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							
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) _____ Loggers TD (ft) _____
 Deepest formation penetrated _____ 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 _____

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

LATERAL WELLBORE**Maximum TVD of wellbore:** 6467 ft TVD @ 7188 ft MD

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
SLTSTN/LS	0	0	470	470
LS/SLTSTN	470	470	608	608
PITTSBURGH COAL	608	608	614	614
NO SAMPLES	614	614	725	725
SLTSTN/LS	725	725	860	860
SS/SLTSTN	860	860	950	950
LS/SLTSTN	950	950	980	980
SS/SLTSTN	980	980	1130	1130
SLTSTN/SS	1130	1130	1220	1220
SHALE/SS	1220	1220	1350	1350
SS/SHALE	1350	1350	1490	1490
SHALE	1490	1490	1550	1550
SS/SHALE	1550	1550	1670	1670
SHALE	1670	1670	1700	1700
LS/SS	1700	1700	1808	1808
BIG INJUN	1808	1808	2016	2016
SHALE	2016	2016	6566	6289
GENESEO	6566	6289	6594	6306
TULLY	6594	6306	6657	6341
HAMILTON	6657	6341	6987	6453
MARCELLUS	6987	6453	15302	6404
TD	15302	6404		0