

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

API 47-085-10560 County Ritchie District Grant
Quad Cairo Pad Name _____ Field/Pool Name _____
Farm name Wayne, Roger and Darren Smith Well Number Norma Smith #1
Operator (as registered with the OOG) Mountaineer Well Services LLC
Address 579 Campus Drive, Suite 220 City Westerville State Ohio Zip 43087

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 272687 Easting 1480829
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing _____ Easting _____

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 None
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)
Bio soap and clay inhibitors

Date permit issued 05-08-2025 Date drilling commenced 10-09-2025 Date drilling ceased 12-24-2025
Date completion activities began _____ Date completion activities ceased _____
Verbal plugging (Y/N) Y Date permission granted 12-26-2025 Granted by Jeremy Newlon

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

Freshwater depth(s) ft 250 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1030 Void(s) encountered (Y/N) depths N
Coal depth(s) ft NA Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

Jeremy Newlon

5-29-2026 **06/05/2026**

WR-35
Rev. 8/23/13

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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	24	18	40	N	Plainend/.250		CTS
Surface	17	13.375	309	N	H40/48	70	CTS
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	Ready Mix	2 Yards					
Surface	Class A	310	15.6	1.18	65	Surface	9
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) 1782 Loggers TD (ft) _____
Deepest formation penetrated Big Injun Plug back to (ft) Surface
Plug back procedure Bit hung 1307, unable to free so free point and shoot off drill pipe at 1110'. 3 stage cement job back to surface.

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 13 3/8" at 120', 200' and 280'

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 _____

Jeremy Newlon

5-29-2026 06/05/2026

API 47- 085 - 10560 Farm name Wayne, Roger and Darren Smith Well number Norma Smith #1

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	None				

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)
	None							

Please insert additional pages as applicable.

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PRODUCING FORMATION(S)

DEPTHS

None _____ 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 GAS MEASURED BY
☐ Estimated ☐ Orifice ☐ Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	0	40	0		Clay and shale
	40	583			Sandstone, shale, siltstone
	583	587			Red Rock
	587	770			Sandstone and siltstone
	770	773			Red Rock
	773	1025			Sandstone and siltstone
Salt Sand	1025	1142			Sandstone
	1142	1145			Red Rock
Salt Sand	1145	1565			Sandstone
	1565	1638			Siltstone and shale
Big Lime	1638	1719			Limestone
	1719	1749			Siltstone and shale
Big Injun	1749	1782			Sandstone

Please insert additional pages as applicable.

Drilling Contractor Highland Drilling
Address 130 Meadow Ridge Rd. Suite 44 City Mt Morris State PA Zip 15349

Logging Company _____
Address _____ City _____ State _____ Zip _____

Cementing Company Lightning Energy Services
Address Rt 19 City Weston State WV Zip 26452

Stimulating Company _____
Address _____ City _____ State _____ Zip _____

Please insert additional pages as applicable.

Completed by Gene Smith Telephone 304-444-0085
Signature Gene Smith Title Consultant Date 1-25-26

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

Jeremy Newlon 5-29-2026 06/05/2026