

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

API 47-085-10021 County Ritchie District Union Quad Pullman 7.5' Pad Name Lockhart Heirs Pad Field/Pool Name McCabe Unit 1H Farm name Karah Leigh Lofton Well Number Operator (as registered with the OOG) Antero Resources Corporation Address 1615 Wynkoop Street City Denver State CO Zip 80202

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey Top hole Northing 4337994.49m Easting 509483.23m Landing Point of Curve Northing Bottom Hole Northing Easting

Elevation (ft) 1143' 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)

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Date permit issued 2/19/2013 Date drilling commenced 2/18/2015 Date drilling ceased 2/18/2015 Date completion activities began N/A Date completion activities ceased N/A Verbal plugging (Y/N) N/A Date permission granted N/A Granted by N/A

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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 No Salt water depth(s) ft Void(s) encountered (Y/N) depths No Coal depth(s) ft Cavern(s) encountered (Y/N) depths No Is coal being mined in area (Y/N) No

Reviewed by:

03/17/2023

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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"	20"	40'	New	94#, H-40	N/A	Y
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							
Packer type and depth set		N/A					

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 A	197 sx	15.6	1.18	244	0'	8 Hrs.
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) 40' Loggers TD (ft) _____
 Deepest formation penetrated _____ Plug back to (ft) N/A
 Plug back procedure N/A

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 _____

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WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

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WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED N/A

API 47- 085 - 10021

Farm name Karah Leigh Lofton

Well number McCabe Unit 1H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
*PLEASE SEE ATTACHED EXHIBIT 1					

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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)
*PLEASE SEE ATTACHED EXHIBIT 2								

Please insert additional pages as applicable.

WR-35
Rev. 8/23/13

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PRODUCING FORMATION(S)	DEPTHS	
	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 _____ mcfpd Oil _____ bpd NGL _____ bpd Water _____ bpd
GAS MEASURED BY Estimated Orifice Pilot

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	

***PLEASE SEE ATTACHED EXHIBIT 3**

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Please insert additional pages as applicable.

Drilling Contractor IDC Drilling
Address 20475 SH 249 Suite 300 City Houston State TX Zip 77070

Logging Company _____
Address _____ City _____ State _____ Zip _____

Cementing Company IDC Drilling
Address 20475 SH 249 Suite 300 City Houston State TX Zip 77070

Stimulating Company _____
Address _____ City _____ State _____ Zip _____

Please insert additional pages as applicable.

Completed by Mallory Turco Telephone 303-357-7223
Signature [Signature] Title Permitting Manager Date 3/17/23

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

03/17/2023