Page 1 of 4

WR-35 Rev. 8/23/13

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

API 47 - 017 - 06077 County	Doddridge	District New Milton	<u> </u>
Quad New Milton 7.5' Pad Name	Erwin Hilltop Pad	Field/Pool Name	
Farm name Sandra E Erwin		Well Number Erwi	n Unit 2H
Operator (as registered with the OOG) Antero Res	sources Corporation		
Address 1615 Wynkoop Street	Denver	State CO	Zip 80202
Top hole Northing 4336		Easting 525142.23m	
Bottom Hole Northing	Easting Easting		
Elevation (ft) 1226' GL Type of			
Permit Type □ Deviated □ Horizontal ■	Horizontal 6A D Vertica	al Depth Type	□ Deep   Shallow
Type of Operation □ Convert □ Deepen ■ Deepen	rill 🗆 Plug Back 🗆 R	edrilling   Rework	Stimulate
Well Type □ Brine Disposal □ CBM ■ Gas ■ O	il 🗆 Secondary Recovery	□ Solution Mining □ Sto	orage 🗆 Other
Type of Completion ■ Single □ Multiple Flui	ds Produced □ Brine #C	Gas □ NGL # Oil	□ Other
Drilled with □ Cable ■ Rotary			
Drilling Media Surface hole Air Mud Froduction hole Air Mud Fresh Water Mud Type(s) and Additive(s)  Air - Foam & 4% KCL		ate hole   В Air  □ Mud	□ Fresh Water □ Brine  RECEIVED  Office of Oil and Gas
Mud - Polymer		· -	JUN 1 3 2022
Date permit issued 6/4/2012 Date drill	ing commenced6/16/2	O12 Date drilling of activities ceased	NIZA
Date completion were visite organ.	n granted N/A		
Veroai piugging (1/N) Date perinissio	in grained	Granted by	
Please note: Operator is required to submit a pluggir	ng application within 5 days	of verbal permission to p	lug
Freshwater depth(s) ft None Identified	Open mine(s) (Y/	N) depths	No
Salt water depth(s) ft None Identified		red (Y/N) depths	No
Coal depth(s) ft None Identified		tered (Y/N) depths	No
Is coal being mined in area (Y/N) No	0		<del></del>
			Reviewed by:

Page 2 of 4

WR-35 Rev. 8/23/13 Farm name\_Sandra E Erwin API 47-017 -Erwin Unit 2H 06077 Well number\_ Did cement circulate (Y/N) Casing New or Grade Basket CASING Hole \* Provide details below\* Used wt∕ſt Depth(s) Size Depth **STRINGS** Size Conductor Υ 94#, H-40 N/A 40' New 24" 20" Surface New 54.5#, J-55 N/A Υ 17-1/2" 13-3/8" Coal Intermediate 1 New 36#, J-55 N/A Y 12-1/4" 9-5/8" Intermediate 2 Intermediate 3 Production 23#, HCP-110 N/A New 8-3/4"/8-1/2" 5-1/2" Tubing 4.7#, P-110 2-3/8" Packer type and depth set N/A Comment Details Cement WOC CEMENT Class/Type Slurry Yield Volume Number (ft.2) Top (MD) DATA of Cement of Sacks wt (ppg) ft 3/sks) (hrs) Conductor 0' 1.18 8 Hrs. Class A SX 15.6 Surface 15.6 1.20 0, 8 Hrs. Class A SX Coal Intermediate 1 0' Class A SX 15.6 1.19 8 Hrs. Intermediate 2 Intermediate 3 Production 8 Hrs. Class H SX (Lead) SX (Tail) 14.1 (Load), 15.17 (Tell) 1.4 (Lead), 1.6 (Tail) -600' into Intermediate Cas Tubing Loggers TD (ft) Drillers TD (ft) 40° Deepest formation penetrated NA Plug back to (ft) N/A Plug back procedure N/A •• This is a subsequent Well. Antero only runs wireline Kick off depth (ft) logs on one well on a multi-well pad (Bill Unit 3H API#47-085-10257). A Cement Bond Log has been cluded with this submittel. 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 Conductor - 0 RECEIVED WAS WELL COMPLETED AS SHOT HOLE 🗆 Yes 💄 No DETAILS Office of Oil and Gas JUN 13 2022 WAS WELL COMPLETED OPEN HOLE? □ Yes 🖪 No DETAILS WV Department of **Environmental Protection** WERE TRACERS USED Yes No TYPE OF TRACER(S) USED N/A

Page 3 of 4 WR-35 Rev. 8/23/13 Well number\_Erwin Unit 2H API 47-017 \_ 06077 Sandra E Erwin Farm name PERFORATION RECORD Number of Perforated from Perforated to Stage Formation(s) Perforation date MD ft. MD ft. Perforations No. EASE SEE ATTACHED EXHIBI NO PERFORATIONS Please insert additional pages as applicable. STIMULATION INFORMATION PER STAGE Complete a separate record for each stimulation stage. Amount of Ave Pump Max Breakdown Amount of Amount of Ave Treatment Stage Stimulations ISIP (PSI) Proppant (lbs) Water (bbls) Nitrogen/other (units) Rate (BPM) Pressure (PSI) Pressure (PSI) No. Date \*PLEASE SEE ATTACHED EXHIBIT 2 NO STIMULATION RECEIVED Please insert additional pages as applicable. Office of Oil and Gas

WV Department of /24/2022 Environmental Protection

JUN 13 2022

WR-35 Rev. 8/23/13												I	Page 4 of 4
API 47- 017	_ 06077		Farm	name_S	Sandra I	E Erwin			Well n	umber_	Erwin	Unit 2F	1
PRODUCING I	FORMATIO	DN(S)		DEPTI	HS	_ TVD			MD				
Please insert ad	ditional pag	es as appl	licable.			_							
GAS TEST	□ Build up	□ Drav	vdown	Ope	n Flow		OILT	EST # I	Flow 🗆	Pump			
SHUT-IN PRES	SSURE S	Surface _		psi	Botto	m Hole	•	psi	DURAT	IO NOI	TEST	г <u>—</u>	hrs
OPEN FLOW	Gas	mcfpd _	Oil	bpd _	NGL 	bpd	Water	bpd	GAS M	IEASUI nated	RED B	Y ice 🗆	Pilot
LITHOLOGY/ FORMATION	TOP DEPTH IN NAME TV		TH IN FT	DEPT	H IN FT		FT D						ITYAND SAS, H₂S, ETC)
		EA	SE	SE		TTA							
				-			_						
		_		-			-						
				-									
				_									
				1									
Please insert ad	ditional pag	es as app	licable.										
Drilling Contra	otor Frontie	r Drilling L	LC										
Address 562 Sp	ring Run Road	d			City	Pennsbor	ro		_ State	WV	_Zip	26415	
Logging Comp	any												
Address					City				State		_ Zip		
Cementing Con			Oilfield S	Services		0				TV		77470	
Address 300 Sc	niumberger Di	0			City	Sugarland			State	TX	_ Zip	11410	
Stimulating Co.	mpany												
Address					City				State		_ Zip		
Please insert ad	ditional pag	ges as app	licable.										
Completed L.	Mallory Sta	nton					ar.	elephone	303-357	-7310			
Completed by Signature					Title P	ermitting Ma		erepnone	300 007	Date 5/	17/2022	2	
1 /	M											-	ECEIVED
Submittal of Hy	ydraulic Fra	cturing C	hemical	Disclos	sure Info	rmation	Attac	ch copy o	f FRACE	OCUS	Regist	ry Office	of Oil and Gas

JUN 106/24/2022