



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Friday, July 7, 2023
WELL WORK PLUGGING PERMIT
Vertical Plugging

ANTERO RESOURCES CORPORATION
1615 WYNKOOP STREET

DENVER, CO 80202

Re: Permit approval for 1
47-017-03109-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: 1
Farm Name: BARTON, RUSS
U.S. WELL NUMBER: 47-017-03109-00-00
Vertical Plugging
Date Issued: 7/7/2023

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.

1) Date June 6th, 2023
2) Operator's
Well No. Barton 1
3) API Well No. 47-017 - 03109

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil ___/ Gas x/ Liquid injection ___/ Waste disposal ___/
(If "Gas, Production ___ or Underground storage ___) Deep ___/ Shallowx

5) Location: Elevation 972.7' Watershed Headwaters Middle Island Creek
District New Milton County Doddridge Quadrangle New Milton 7.5'

6) Well Operator Antero Resources Corporation 7) Designated Agent _____
Address 1615 Wynkoop Street Address _____
Denver, CO 80202

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Isaiah Richards Name N/A - Antero will plug well
Address 601 57th Street SE Address _____
Charleston, WV 25304

10) Work Order: The work order for the manner of plugging this well is as follows:

***Please See Attached Work Order**

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Office of Oil and Gas
JUN 21 2023
WV Department of
Environmental Protection

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector  Date 06/14/2023

07/07/2023



IV-35
(Rev 8-81)

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JAN 31 1983

State of West Virginia

Department of Mines

Oil and Gas Division

Date October 18, 1982

Operator's Well No. Barton #1

Farm _____

API No. 47 - 017 - 3109

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas XX / Liquid Injection ___ / Waste Disposal ___
(If "Gas," Production XX / Underground Storage ___ / Deep ___ / Shallow XX /)

LOCATION: Elevation: 972 Watershed Brushy Fork of Meathouse Fork

District: New Milton County Doddridge Quadrangle 7.5'

COMPANY SWIFT ENERGY COMPANY

ADDRESS Clarksburg

DESIGNATED AGENT Tim Bennett

ADDRESS P. O. Box 1933, Clarksburg, WV 26301

SURFACE OWNER James Shray & Roma Kohn

ADDRESS Rt. 1, Box 218, New Milton, WV 26411

MINERAL RIGHTS OWNER Russell Barton, et ux.

ADDRESS Rt. 1, Box 216, New Milton, WV 26411

OIL AND GAS INSPECTOR FOR THIS WORK Steven

Casey ADDRESS Rt. 2, Box 232D, Jane Lew, WV 26378

PERMIT ISSUED June 23, 1982

DRILLING COMMENCED July 13, 1982

DRILLING COMPLETED September 17, 1982

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	1728'	1728'	400
7			
5 1/2			
4 1/2		5650'	400
3			
2 3/8"		5529'	
Liners used			

GEOLOGICAL TARGET FORMATION Benson Depth 5200 feet

Depth of completed well 5900 feet Rotary X / Cable Tools _____

Water strata depth: Fresh 2165' feet; Salt _____ feet

Coal seam depths: _____ Is coal being mined in the area? No RECEIVED

OPEN FLOW DATA

Producing formation *1st, 2nd & 3rd Elk Pay zone depth 5400 feet

Gas: Initial open flow N/A Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow 326 Mcf/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests 2 1/2 hours

Static rock pressure 1000 psig (surface measurement) after 12 hours shut in
(if applicable due to multiple completion--)

Second producing formation *Benson Pay zone depth 5000 feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

Static rock pressure _____ psig (surface measurement) after _____ hours shut in

*Gas from formations co-mingled.

FEB 14 1983

(Continue on reverse side)

07/07/2023

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.
 8/25/82 = 3rd Elk - 5491'-5498' - 10,000 #80-100 SD, 32,500 #20-40 SD, 500 GA, 500 BGW
 2nd Elk - 5365'-5374', 10,000 #80-100 SD, 32,500 #20-40 SD, 500 GA, 500 BGW.
 alex. 1st Elk - 5300'-5315', 10,000 #80-100 SD, 32,500 #20-40 SD, 500 GA, 500 BGW.
 Benson - 5002'-5008', 4,000 #80-100 SD, 12,000 #20-40 SD, 500 GA, 300 BGW.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Shale			0	20	
Sand			20	25	
Shale			25	130	
Sand			130	135	
Shale			135	160	
Sand			160	170	
Sand + shale			170	200	
Shale			200	210	
Sand			210	240	
Shale + red rock			240	273	
Sand			273	288	
Red rock + shale			288	335	
Sand + shale			335	345	
Shale			345	420	
Sand + shale			420	439	
Shale			439	492	
Sand			492	497	
Shale + sand			497	512	
Shale			512	535	
Sand + shale			535	810	Wet at 600'
Shale			810	1188	
Sand + shale			1188	1211	
Shale			1211	1968	
Lime + shale			1968	2081	
Lime			2081	2164	
Sand (Big Injun)			2164	2228	Wet at 2165'
Sand			2228	2439	
Sand + shale			2439	2508	
Sand (Gantz)			2508	2528	
Sand + shale			2528	2872	
Sand (Gordon)			2872	2900	
Sand + shale			2900	4462	
Sand (Riley) + shale			4462	5001	
Sand (Benson)			5001	5036	
Sand + shale			5036	5297	
Sand + shale (Alexander)			5297	5390	
Shale + sand			5390	5841	

Chalmer TD.

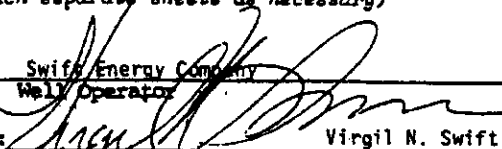
TD. 5900

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(Attach separate sheets as necessary)

Swift Energy Company
Well Operator
By:  Virgil N. Swift
Date: 1-24-83

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic
 detailed geological record of all formations, including
 ..., encountered in the drilling of a well."

07/07/2023

Barton Unit 1
Doddridge County, WV
API #47-017-03109



Antero Resources
1615 Wynkoop St.
Denver, CO 80202
Office: 303.357.7310
Fax: 303.357.7315

Objective: Plug and Abandon from 5600' TD

Well Design:

- 11-3/4" Conductor @ 150' – Cemented to Surface
- 8-5/8" J-55 Surface Casing @ 1728' – Cemented to Surface
- 4-1/2" Production Casing @ 5650' – Est. TOC 3543'
- Currently 2-3/8" 4.7# N-80 to 5,529'
- Perforations at 5,002'-5,008', 5,300'-5,315', 5,365'-5,374', 5,491'-5,498'

Oil and Gas Zones:

1. Big Injun- 2,164'-2,228'
2. Benson- 5,001'-5,036'
3. Elk- 5,300'-5,498'

Procedure:

1. Check and record casing surface pressures into Wellview. Verify no pressure behind 4-1/2". Bleed off pressure and monitor any build-up prior to performing any more work.
2. Notify WV DEP 24 hours prior to commencing work.
3. Move in and rig up flat tank and frac tank (No pits will be utilized).
4. Kill well if necessary after monitoring build-up
5. MIRU Service rig. Pressure test well control equipment. Current load fluid is a mixture of produced water and fluids
6. TOOH with production tubing, install JU head. TIH with 2 3/8" EUE work string to TD. Load hole with 6% Gel, if not already loaded.
7. MIRU cement services. Mix and pump a 400' cement plug (5,650'-5250') (Class A cement + 2% CaCl₂, zero excess, yield = 1.15 ft³/sk, WR = 5.2 gal/sk, minimum 500 psi compressive strength)
 - a. 4 1/2" casing volume = 0.0872 ft³/ft
 - b. 400' plug = 36 ft³ cement, 32 sacks
 - c. Displace with 6% gel to balance plug
 - d. Slowly pull out of cement plug and lay down 600' of 2-3/8" tubing
8. MIRU cement services. Mix and pump a 300' cement plug (5058'-4758') (Class A cement + 2% CaCl₂, zero excess, yield = 1.15 ft³/sk, WR = 5.2 gal/sk, minimum 500 psi compressive strength)
 - a. 4 1/2" casing volume = 0.0872 ft³/ft
 - b. 300' plug = 26 ft³ cement, 23 sacks
 - c. Displace with 6% gel to balance plug
 - d. Slowly pull out of cement plug and lay down 600' of 2-3/8" tubing
 - e. Circulate tubing clear of cement with 8.33ppg fluid
9. WOC, tag plug, top off if necessary.
10. TOOH racking back tubing
11. MIRU wireline services, run freepoint, cut casing. Ensure casing is free and RDMO wireline.
12. TOOH while laying down 4 1/2".
13. RIH 2-3/8" work string to 50' past estimated casing cut @ 3543'

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14. Mix and pump a 300' cement plug across casing cut (3593'-3293') (Class A cement + 2% CaCl₂, zero excess, yield = 1.15 ft³/sk, WR = 5.2 gal/sk, minimum 500 psi compressive strength)
 - a. 7 7/8" O.H. volume = 0.3383 ft³/ft
 - b. 4 1/2" casing volume = 0.0872 ft³/ft
 - c. 300' plug = 89 ft³ cement, 78 sacks
 - d. Displace with 6% gel to balance plug
 - e. Slowly pull out of cement plug and lay down 500' of 2-3/8" tubing
 - f. Circulate tubing clear of cement with 8.33ppg fluid

15. TOOH to 2278'. Mix and pump a 200' cement plug across Big Injun (2278'-2078') (Class A cement + 2% CaCl₂, zero excess, yield = 1.15 ft³/sk, WR = 5.2 gal/sk, minimum 500 psi compressive strength)
 - a. 7 7/8" O.H. volume = 0.3383 ft³/ft
 - b. 200' plug = 67 ft³ cement, 59 sacks
 - c. Displace with 6% gel to balance plug
 - d. Slowly pull out of cement plug and lay down 500' of 2-3/8" tubing
 - e. Circulate tubing clear of cement with 8.33ppg fluid

16. Mix and pump a 100' cement plug across 8 5/8" casing shoe (1778'-1678') (Class A cement + 2% CaCl₂, zero excess, yield = 1.15 ft³/sk, WR = 5.2 gal/sk, minimum 500 psi compressive strength)
 - a. 7 7/8" O.H. volume = 0.3383 ft³/ft
 - b. 8 5/8" casing volume = .3576 ft³/ft
 - c. 100' plug = 35 ft³ cement, 31 sacks
 - d. Displace with 6% gel to balance plug
 - e. Slowly pull out of cement plug and lay down 800' of 2-3/8" tubing
 - f. Circulate tubing clear of cement with 8.33ppg fluid

17. Mix and pump a 100' cement plug @ elevation (1022'-922') (Class A cement + 2% CaCl₂, zero excess, yield = 1.15 ft³/sk, WR = 5.2 gal/sk, minimum 500 psi compressive strength)
 - a. 8 5/8" casing volume = .3576 ft³/ft
 - b. 100' plug = 35 ft³ cement, 31 sacks
 - c. Displace with 6% gel to balance plug
 - d. Slowly pull out of cement plug and lay down 300' of 2-3/8" tubing
 - e. Circulate tubing clear of cement with 8.33ppg fluid

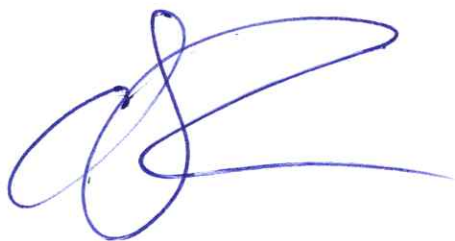
18. WOC. Tag plug, top off if necessary. Trip tubing to 150'.

19. Mix and pump the final cement plug to fill up 8-5/8" casing from 150' to surface.
 - a. 66 ft³ Class A cement + 2% CaCl₂, zero excess, yield = 1.15 ft³/sk, WR = 5.2 gal/sk, minimum 500 psi compressive strength)
 - a. Volume inside of 8-5/8" = 0.3489 ft³/ft
 - b. 150' plug = 53 ft³ cement
 - c. Slowly pull out of cement plug while laying down 150' of 2-3/8" tubing
 - d. Clean up tubing if possible
 - e. Install Monument Marker with API No.: 47-017-03109

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WW-4A
Revised 6-07

1) Date: 6/6/2023
2) Operator's Well Number
Barton 1

3) API Well No.: 47 - 017 - 03109

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:		5) (a) Coal Operator	
(a) Name	<u>James Schray & Roma Candice (Kohn)</u>	Name	_____
Address	<u>486 Grouse Drive</u> <u>Bath PA 18014</u>	Address	_____
(b) Name	_____	(b) Coal Owner(s) with Declaration	_____
Address	_____	Name	_____
		Address	_____
(c) Name	_____	Name	_____
Address	_____	Address	_____
6) Inspector	<u>Isaiah Richards</u>	(c) Coal Lessee with Declaration	_____
Address	<u>601 57th Street SE</u> <u>Charleston, WV 25304</u>	Name	_____
Telephone	<u>304 205 3032</u>	Address	_____

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TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator Antero Resources Corporation
 By: Jon McEvers
 Its: Senior VP of Operations
 Address 1615 Wynkoop Street
Denver, CO 80202
 Telephone 303-357-7310

Subscribed and sworn before me this 6 day of June, 2023
Stefan Gaspar Notary Public
My Commission Expires November 15, 2026



Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyoffier@wv.gov.

07/07/2023

Cut on dotted line.

Instructions

1. Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. **DO NOT PHOTO COPY OR ALTER LABEL.**
2. Place your label so it does not wrap around the edge of the package.
3. Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, **DO NOT TAPE OVER BARCODE.** Be sure all edges are secure.
4. To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.
5. Mail your package on the "Ship Date" you selected when creating this label.

Click-N-Ship® Label Record

USPS TRACKING # : 9405 5036 9930 0557 9420 12			
Trans. #:	580689621	Priority Mail® Postage:	<u>\$8.95</u>
Print Date:	06/07/2023	Total:	<u>\$8.95</u>
Ship Date:	06/07/2023		
Expected Delivery Date:	06/09/2023		
From: JOHN GIANNAULA 1615 WYNKOOP ST DENVER CO 80202-1106			
To: JAMES SCHRAY & ROMA CANDICE (KOHN) 486 GROUSE DR BATH PA 18014-8135			
<small>* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.</small>			

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Thank you for shipping with the United States Postal Service!
Check the status of your shipment on the USPS Tracking® page at usps.com

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WW-9
(5/16)

API Number 47 - 017 - 03109
Operator's Well No. Barton 1

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Antero Resources Corporation OP Code 494507062

Watershed (HUC 10) Headwaters Middle Island Creek Quadrangle New Milton 7.5'

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes No If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number *UIC Permit # will be provided on Form WR-34)
- Reuse (at API Number Future permitted well locations when applicable. API# will be provided on Form WR-34)
- Off Site Disposal (Supply form WW-9 for disposal location) (Meadowfill Landfill Permit #SWF-1032-98)
- Other (Explain) Northwestern Landfill Permit #SWF-1025/WV0109410

Will closed loop system be used? If so, describe: Yes, fluids stored in tanks, cuttings removed off site and taken to landfill.

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc.

-If oil based, what type? Synthetic, petroleum, etc.

Additives to be used in drilling medium? _____

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Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc.

JUN 21 2023

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

-Landfill or offsite name/permit number? _____

WV Department of
Environmental Protection

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature Gretchen Kohler

Company Official (Typed Name) Gretchen Kohler

Company Official Title Director of Environmental & Regulatory Compliance

Subscribed and sworn before me this 6 day of June, 20 23

Stefan Gaspar

Notary Public

My commission expires November 15, 2026



07/07/2023

Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH _____

Lime 2-3 Tons/acre or to correct to pH 6.5

Fertilizer type _____

Fertilizer amount 500 lbs/acre

Mulch 2-3 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Annual Ryegrass	40	Crownvetch	10-15
Field Bromegrass	40	Tall Fescue	30

Please reference Table IV-3 on page 7 of the Well #1 Plugging Plan


Please reference Table IV-4A on page 7 of the Well #1 Plugging Plan

*or type of grass seed requested by surface owner

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: 

Comments:

NO PITS will Be used

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Title:

OOG Inspector

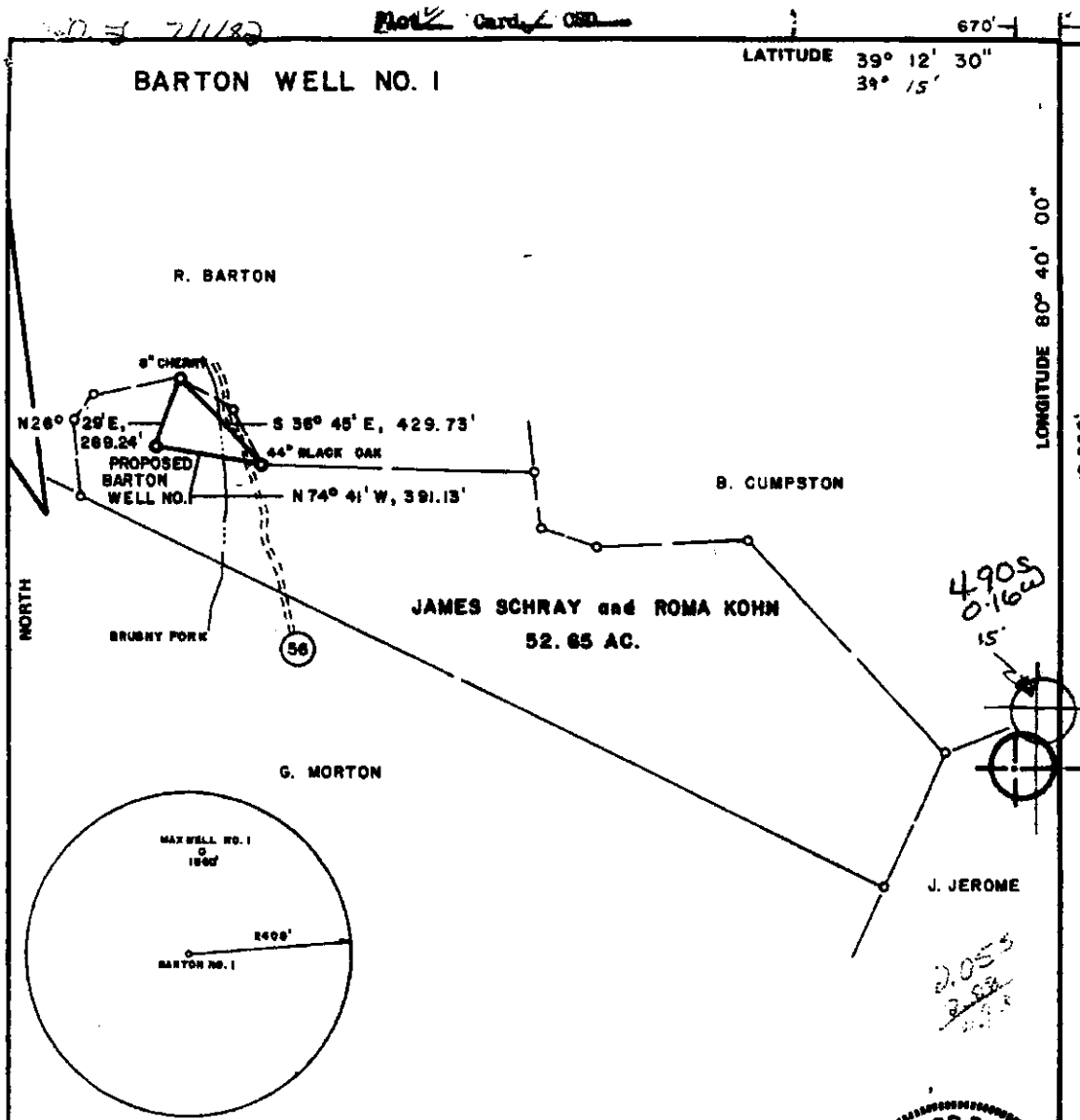
Date:

06/14/2023

Field Reviewed?

() Yes

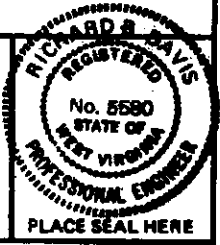
() No



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION
 EL. 880

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES

(SIGNED) Richard B. Davis
 R.P.E. 5580 L.L.S.



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE JUNE 7, 1982
 OPERATOR'S WELL NO. BARTON NO. 1
 API WELL NO. _____
 47 - 017 - 3109
 STATE COUNTY PERMIT

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 WV Department of Environmental Protection

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 972 WATERSHED BRUSHY FORK of MEATHOUSE FORK
 DISTRICT NEW MILTON COUNTY DODDRIDGE
 QUADRANGLE NEW MILTON 7.5 MINUTE Units 15' NW
 SURFACE OWNER JAMES SCHRAY and ROMA KOHN ACREAGE 52.65
 OIL & GAS ROYALTY OWNER RUSSELL BARTON, et. ux. LEASE ACREAGE 52.65
 LEASE NO. 49-0260

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ 6-6 New Milton South (307)
 TARGET FORMATION BENSON ESTIMATED DEPTH 5200' JUL 12 1982
 WELL OPERATOR SWIFT ENERGY COMPANY DESIGNATED AGENT TIM BENNETT
 ADDRESS P.O. BOX 1933 ADDRESS P.O. BOX 1933
 CLARKSBURG, WV 26301 CLARKSBURG, WV 26301

07/07/2023

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-017-03109 WELL NO.: Barton Unit 1

FARM NAME: Barton, Russ

RESPONSIBLE PARTY NAME: Antero Resources Corporation

COUNTY: Doddridge DISTRICT: New Milton

QUADRANGLE: New Milton

SURFACE OWNER: James Shray & R Kohn

ROYALTY OWNER: _____

UTM GPS NORTHING: 4336642.33

UTM GPS EASTING: 528607.92 GPS ELEVATION: 972.7

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:

Survey grade GPS : Post Processed Differential _____
Real-Time Differential

Mapping Grade GPS : Post Processed Differential _____
Real-Time Differential

- Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Mary Turner
Signature

Permitting Manager
Title

6/7/23
Date

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WW-4B

API No. 47-017-03109

Farm Name James Shray & R Kohn

Well No. Barton 1

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator ____/ owner ____/ lessee ____/ of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____

Its _____

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SURFACE OWNER WAIVER

Operator's Well
Number

Barton 1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

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Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

_____	Date _____	Name _____	_____
Signature		By	_____
		Its	_____
			Date _____
		Signature	Date _____

07/07/2023

Brad Fetterman	Non-EOG		5/22/2023		5/23/2023		5/24/2023		5/25/2023		5/26/2023		TOTAL REG HRS	TOTAL OT HRS	REG	OT
	Reg	OT	Reg	OT	Reg	OT	Reg	OT	Reg	OT						
K16-A Brookville	1	0	0	0	0	0	0	0	0	0	0	0	1	0	71.58	96.79
50147	1														71.58	0.00
G15-A Boone Mt	0	0	0	0	2	0	0	0	0	0	0	0	0.4	0	28.632	0.00
50171					0.4								0.4		28.632	0.00
50173					0.4								0.4		28.632	0.00
50174					0.4								0.4		28.632	0.00
50175					0.4								0.4		28.632	0.00
52650					0.4								0.4		28.632	0.00
Ridgeway Pad I 11B	2	0	1	0	0	0	1	0	1	0	1	0	5	0	357.9	0.00
24699	2		1						1		1					
L13-N Heath	1	0	0	0	0	0	0	0	0	0	0	0	1	0	71.58	0.00
AFE 227337- 51341	1												9.00	0.00		
														9.00		
															71.58	96.79
	4.00	0.00	1.00	0.00	2.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00			644.22	0.00
																\$ 644.22

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Kennedy, James P <james.p.kennedy@wv.gov>

plugging permit issued 4701703109

1 message

Kennedy, James P <james.p.kennedy@wv.gov>


Fri, Jul 7, 2023 at 9:15 AM

To: Dani Devito <ddevito@shalepro.com>, Isaiah M Richards <isaiah.m.richards@wv.gov>, Mallory Stanton <mstanton@anteroresources.com>, dsponaug@assessor.com

To whom it may concern, a plugging permit has been issued for 4701703109.

James Kennedy

WVDEP OOG

 **4701703109.pdf**
1739K

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