

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

Wednesday, September 29, 2021 PERMIT MODIFICATION APPROVAL Horizontal 6A / New Drill

ANTERO RESOURCES CORPORATION 1615 WYNKOOP STREET DENVER, CO 80202

Re: Permit Modification Approval for NATIONAL UNIT 2H 47-095-02745-00-00

Lateral Extension, Updated Lease Chain

ANTERO RESOURCES CORPORATION

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before 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:
Farm Name:NATIONAL UNIT 2H
KAYLA LEEKU.S. WELL NUMBER:
Horizontal 6A47-095-02745-00-00Date Modification Issued:09/29/2021

Promoting a healthy environment.

API NO. 47- 095 - 02745-00-00

OPERATOR WELL NO. National Unit 2H Well Pad Name: Margery Pad

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

| I) Well Operator: Anter | ro Resources Cor | pora 49450706 | 2 095 - Tyler | Ellsworth | Porter Falls 7.5 |
|----------------------------------------------------------------------|-----------------------------|----------------------|-----------------------|-----------------|---------------------------|
| | | Operator 1 | D County | District | Quadrangle |
| 2) Operator's Well Numl | per: National Unit | 2H W | ell Pad Name: Mar | gery Pad | |
| 3) Farm Name/Surface C | wner: Kayla Leek | Publ | ic Road Access: C | R 11 | |
| 4) Elevation, current grou | und: 1041' | Elevation, pro | bosed post-construct | ction: | |
| 5) Well Type (a) Gas Other | <u>x</u> 0 | 9i1 | Underground Stor | rage | |
| (b)If Gas | s Shallow X Horizontal X | De | ер | | Dml |
| 6) Existing Pad: Yes or N | No Yes | | | | 9-16-21 |
| 7) Proposed Target Form Marcellus Shale: 7100' | | | | | |
| 8) Proposed Total Vertic | V V and a star | | | 2000 | |
| 9) Formation at Total Ve | | cellus | | | |
| 10) Proposed Total Meas | | 400' MD | | | |
| 11) Proposed Horizontal | | 147' | | | |
| 12) Approximate Fresh V | Water Strata Depths | : 103' | | | |
| Method to Determine Approximate Saltwat | | hs: Offset well reco | rds. Depths have been | adjusted accord | ling to surface elevation |
| 15) Approximate Coal Se | eam Depths: None | Anticipated | | | |
| 16) Approximate Depth | o Possible Void (co | oal mine, karst, ot | her): None Anticip | pated | |
| 17) Does Proposed well l directly overlying or adja | | | N | lo X | |
| (a) If Yes, provide Min | e Info: Name: | | | | |
| | Depth: | | | | |
| | Seam: | | | | |
| | Owner: | | | | |

Page 1 of 3

10/01/2021

API NO. 47- 095 - 02745-00-00

OPERATOR WELL NO. National Unit 2H Well Pad Name: Margery Pad

WW-6B (04/15)

18)

CASING AND TUBING PROGRAM

| TYPE | Size (in) | <u>New</u> <u>or</u> <u>Used</u> | Grade | <u>Weight per ft.</u> (lb/ft) | <u>FOOTAGE: For</u> <u>Drilling (ft)</u> | INTERVALS: Left in Well (ft) | <u>CEMENT:</u> <u>Fill-up</u> (Cu. Ft.)/CTS |
|--------------|--------------|----------------------------------------|-------|----------------------------------|---------------------------------------------|------------------------------------|---------------------------------------------------|
| Conductor | 20" | New | H-40 | 94# | 90 | 90 | CTS, 77 Cu. Ft. |
| Fresh Water | 13-3/8" | New | J-55 | 54.5# | 300 | 300 | CTS, 417 Cu. Ft. |
| Coal | 9-5/8" | New | J-55 | 36# | 2500 | 2500 | CTS, 1018 Cu. Ft. |
| Intermediate | | | | | | | |
| Production | 5-1/2" | New | P-110 | 23# | 23400 | 23400 | 6042 Cu. Ft |
| Tubing | 2-3/8" | New | N-80 | 4.7# | | | |
| Liners | | | | 1 | | | |

DmH 9-16-21

| | | | 1.0.01 | | | | | | |
|--------------|-----------|----------------------------------|------------------------------------------------|-------------------------|------------------------------------------------|------------------------------|----------------------------------------------|--|--|
| ТҮРЕ | Size (in) | <u>Wellbore</u> Diameter (in) | <u>Wall</u> <u>Thickness</u> <u>(in)</u> | Burst Pressure (psi) | Anticipated Max. Internal Pressure (psi) | <u>Cement</u> <u>Type</u> | <u>Cement</u> <u>Yield</u> (cu. ft./k) | | |
| Conductor | 20" | 24" | 0.438" | 1530 | 50 | Class A | ~1.18 | | |
| Fresh Water | 13-3/8" | 17-1/2" | 0.38" | 2730 | 1000 | Class A | ~1.18 | | |
| Coal | 9-5/8" | 12-1/4" | 0.352" | 3520 | 1500 | Class A | ~1.18 | | |
| Intermediate | | | | | 1 | | | | |
| Production | 5-1/2" | 8-3/4" & 8-1/2" | 0.415" | 12,630 | 9300 | Lend HPOZATAL . H | H/POZ-1.44 & H-1.8 | | |
| Tubing | 2-3/8" | 4.778" | 0.19" | 11,200 | | 1 | | | |
| Liners | | | | | | | | | |
| | | | | | | | | | |

PACKERS

| Kind: | N/A | |
|-------------|-----|--|
| Sizes: | N/A | |
| Depths Set: | N/A | |

Page 2 of 3

| 1 | 0/0 | 1/20 |)21 |
|---|-----|------|-----|

-

WW-6B (10/14)

OPERATOR WELL NO. National Unit 2H Well Pad Name: Margery Pad

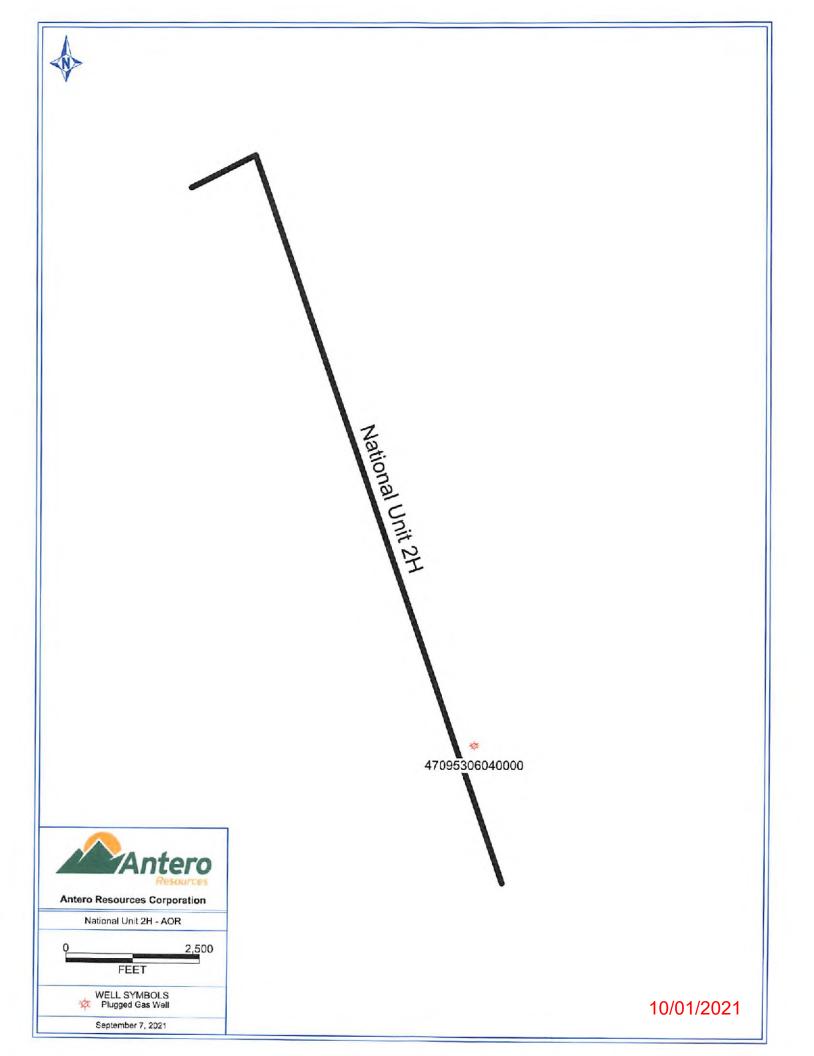
| 19) Describe proposed well work, including the drilling and plugging | ng back of any pilot hole: |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Drill, perforate, fracture a new horizontal shallow well and con | nplete Marcellus Shale. |
| 20) Describe fracturing/stimulating methods in detail, including an | ticipated max pressure and max rate: |
| Antero plans to pump Slickwater into the Marcellus Shale forr production. The fluid will be comprised of approximately 99 p percent special-purpose additives as shown in the attached "I Fracturing or Stimulating Well." | ercent water and sand, with less than 1 |
| Tracturing of Stimulating Well. | Dm H 9-16-21 |
| Anticipated Max Pressure - 9300 lbs | A 11-221 |
| Anticipated Max Rate - 80 bpm | 1-10 = 1 |
| 21) Total Area to be disturbed, including roads, stockpile area, pits | , etc., (acres): 51.65 acres |
| 22) Area to be disturbed for well pad only, less access road (acres): | 13.44 acres |
| 23) Describe centralizer placement for each casing string: | |
| Conductor: no centralizers Surface Casing: one centralizer 10' above the float shoe, one on the insert float collar and to surface. | one every 4th joint spaced up the hole |
| Intermediate Casing: one centralizer above float joint, one centralizer 5' above float colla Production Casing: one centralizer at shoe joint and one every 3 joints to top of cement in | |

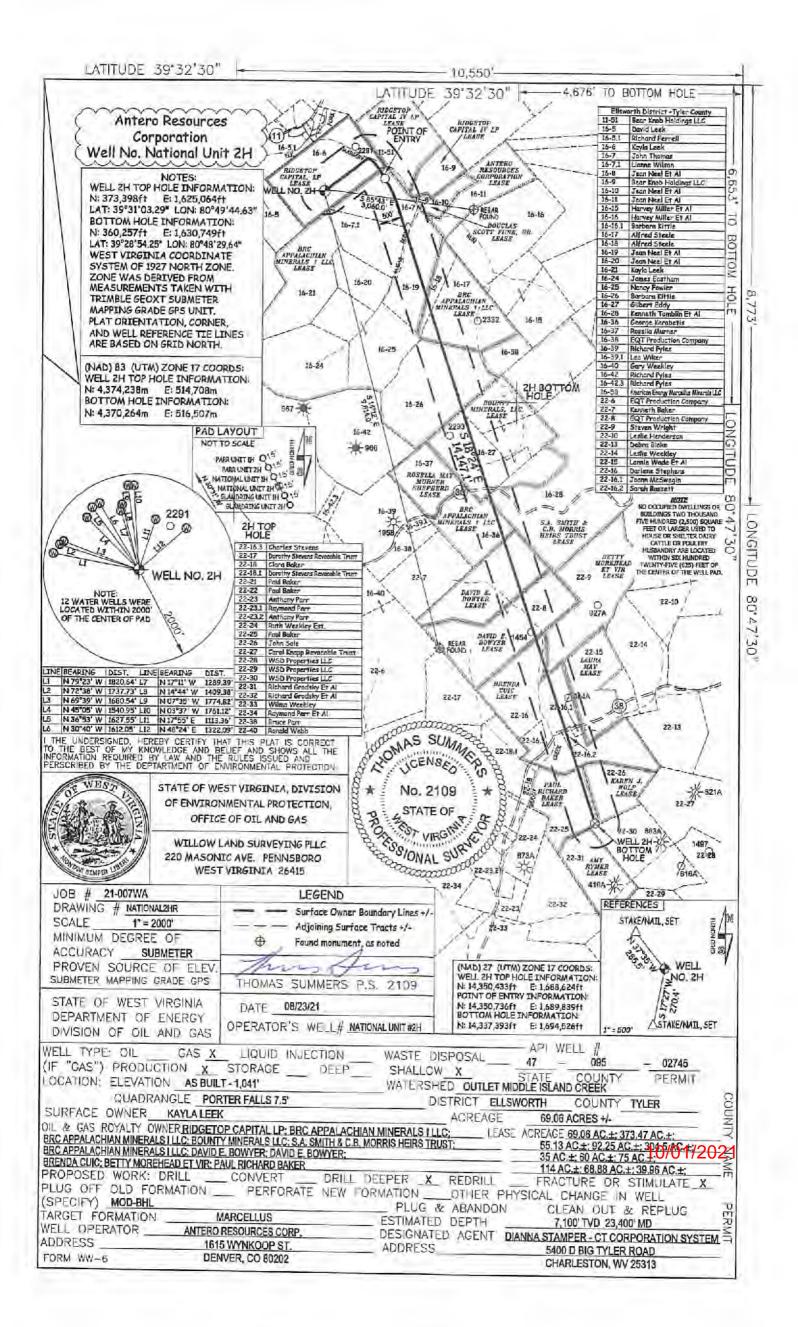
24) Describe all cement additives associated with each cement type:

Conductor: no additives, Class A cement. Surface: Class A cement with 2-3% calcium chloride and 1/4 lb of flake Intermediate: Class A cement with 1/4 lb of flake, 5 gallons of clay treat Production: Lead cement- 50/50 Class H/Poz + 1.5% salt + 1% C-45 + 0.5% C-16a + 0.2% C-12 + 0.45% C-20 + 0.05% C-51 Production: Tail cement- Class H + 45 PPS Calcium Carbonate + 1.0% FL-160 + 0.2% ACGB-47 + 0.05% ACSA-51 + 0.2% ACR-20

25) Proposed borehole conditioning procedures:

*Note: Attach additional sheets as needed.





INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

| Nidgetop Capital IP LeasePetroadge Energy LLC1/80420/0643Nidgetop Capital IPStatoil USA Onshore Properties Inc.Assignment0436/0001Statoil USA Onshore Properties Inc.EQT Production CompanyAssignment0653/0001BRC Appalachian Minerals I, LLC LeaseBRC Working interest Company, LLC1/80536/0300BRC Appalachian Minerals I, LLC LeaseBRC Working interest Company, LLC1/80536/0300BRC Appalachian Minerals I, LLCBRC Working interest Company, LLCAssignment0539/0239BRC Appalachian Minerals I, LLCBRC Working interest Company, LLCAssignment0539/0239GRC Production CompanyAssignment0539/02390539/0239BRC Appalachian Minerals I, LLCBRC Working interest Company, LLCAssignment0539/0239BRC Appalachian Minerals I, LLC LeaseBRC Working interest Company, LLC1/80599/0300BRC Appalachian Minerals I, LLC LeaseBRC Working interest Company, LLC1/80539/0239BRC Appalachian Minerals I, LLC BRC Working interest Company, LLCAssignment0539/0239BRC Appalachian Minerals I, LLCBRC Working interest CompanyAssignment0539/0239BRC Appalachian Minerals I, LLC EaseBRC Working interest CompanyAssignment0539/0239BRC Appalachian Minerals I, LLCBRC Working interest CompanyAssignment0539/0239BRC Appalachian Minerals I, LLC EaseBRC Working interest CompanyAssignment0539/0239BRC Appalachian Minerals I, LLC EaseBRC Working interest Company <t< th=""><th>Grantor, lessor, etc.</th><th>Grantee, lessee, etc.</th><th>Royalty</th><th>Book/Page</th></t<> | Grantor, lessor, etc. | Grantee, lessee, etc. | Royalty | Book/Page |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------|------------|-----------------|
| Petroedge Energy LLC Statoil USA Onshore Properties Inc. Assignment 0436/0001 Statoil USA Onshore Properties Inc. EQT Production Company Assignment 0539/0239 EQT Production Company Antero Resources Corporation 2000 BRC Appalachian Minerals I, LLC Lease Company, LLC 1/8 0369/0300 BRC Working Interest Company, LLC Cheapeake Appalachia, LLC Assignment 0378/0784 Statoil USA Onshore Properties Inc. EQT Production Company Antero Resources Corporation 2010 BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 BRC Working Interest Company Antero Resources Corporation Assignment 0539/0239 EQT Production Company Antero Resources Corporation 2010 BRC Appalachian Minerals I, LLC Statoil USA Onshore Properties Inc Company Assignment 0539/0239 EQT Production Company Antero Resources Corporation Assignment 05663/0001 BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC BRC Working Interest Company Antero Resources Corporation Assignment 0369/0304 Cheapeake Appalachia, LLC Statoil USA Onshore Properties Inc Assignment 0369/0300 BRC Appalachian Minerals I, LLC BRC Working Interest Company Assignment 0539/0239 EQT Production Company Antero Resources Corporation 1/8 0555/0337 BRC Appalachian Minerals I, LLC BRC Working Interest Company Assignment 0539/0239 EQT Production Company Antero Resources Corporation 1/8 0555/0337 BRC Appalachian Minerals I, LLC BRC Working Interest Company Assignment 0359/0300 BRC Appalachian Minerals I, LLC BRC Working Interest Company Assignment 0359/0300 BRC Appalachian Minerals I, LLC BRC Working Interest Company Assignment 0359/0300 BRC Appalachian Minerals I, LLC Case BRC Appalachia, LLC Assignment 0359/0300 BRC Appalachian Minerals I, LLC Case BRC Appalachia, LLC Assignment 0359/0300 BRC Appalachian Minerals I, LLC BRC Working Interest Company Assignment 0359/0300 BRC Working Interest Company Antero Resources Corporation 1/8+ 0076/0318 | Ridgetop Capital LP Lease | | | |
| Statoli USA Onshore Properties Inc. EQT Production Company Assignment 0533/0233 EQT Production Company Antero Resources Corporation Assignment 0653/0001 BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 BRC Working Interest Company, LLC LC Assignment 0369/0300 BRC Working Interest Company, LLC Statoli USA Onshore Properties Inc Assignment 0353/0233 EQT Production Company Astero Resources Corporation Assignment 0369/0300 BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 EQT Production Company Antero Resources Corporation Assignment 0539/0239 EQT Production Company Antero Resources Corporation Assignment 0369/0300 BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC Statoli USA Onshore Properties Inc 1/8 0359/0239 EQT Produc | Ridgetop Capital LP | Petroedge Energy LLC | 1/8 | 0420/0643 |
| EQT Production Company Antero Resources Corporation Assignment 0663/0001 BRC Appalachian Minerais I, LLC lease BRC Working Interest Company, LLC 1/8 0359/0300 BRC Appalachian Minerais I, LLC BRC Working Interest Company, LLC 1/8 0359/0784 Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc Assignment 0359/0784 Statoil USA Onshore Properties Inc EQT Production Company Assignment 0359/0784 BRC Appalachian Minerais I, LLC lease BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerais I, LLC lease BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerais I, LLC lease BRC Working Interest Company, LLC 1/8 0359/0300 BRC Appalachian Minerais I, LLC Statoil USA Onshore Properties Inc 1/8 0369/0300 BRC Appalachian Minerais I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 Chesapeake Appalachia, LLC Assignment 0378/0764 0378/0764 Statoil USA Onshore Properties Inc EQT Production Company Assignment 0369/0300 BRC Appalachian Minerais I, LLC Statoil USA Onshore Properties Inc 1/8 0369/0300 BRC Appalachian Minerais I, LLC BRC Working Interest Company, LLC 1/8 0359/0320 | Petroedge Energy LLC | | Assignment | 0436/0001 |
| BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC Assignment 0378/0764 Chesapeake Appalachia, LLC Statoli USA Onshore Properties Inc Assignment 0539/0239 EQT Production Company Assignment 0563/0001 BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 Chesapeake Appalachia, LLC Statoli USA Onshore Properties Inc Assignment 0378/0764 Statoli USA Onshore Properties Inc EQT Production Company Assignment 0369/0300 BRC Appalachia, LLC Statoli USA Onshore Properties Inc Assignment 0539/0239 EQT Production Company Antero Resources Corporation 1/8+ 0563/0300 | Statoil USA Onshore Properties Inc. | EQT Production Company | Assignment | 0539/0239 |
| BRC Appalachian Minerals I, LLCBRC Working Interest Company, LLC1/80369/0300BRC Working Interest Company, LLCChesapeake Appalachia, LLCAssignment0359/0784Chesapeake Appalachia, LLCStatoil USA Onshore Properties IncAssignment0378/0764Statoil USA Onshore Properties IncEQT Production CompanyAssignment0539/0239EQT Production CompanyAntero Resources CorporationAssignment0663/0001BRC Appalachian Minerals I, LLC LeaseBRC Working Interest Company, LLC1/80369/0300BRC Appalachian Minerals I, LLC LeaseBRC Working Interest Company, LLC1/80369/0300BRC Appalachian Minerals I, LLCBRC Working Interest Company, LLC1/80369/0300Chesapeake Appalachia, LLCStatoil USA Onshore Properties IncAssignment0378/0784Chesapeake Appalachia, LLCStatoil USA Onshore Properties IncAssignment0369/0300BRC Working Interest CompanyAstero Resources CorporationAssignment0539/0239EQT Production CompanyAntero Resources Corporation1/8+0555/0337BRC Appalachian Minerals I, LLC LeaseBRC Working Interest Company, LLC1/80369/0300BRC Appalachian Minerals I, LLCBRC Working Interest Company, LLC1/80369/0300BRC Appalachian Minerals I, LLCBRC Working Interest Company, LLC1/80369/0300BRC Appalachian Minerals I, LLC LeaseBRC Appalachia, LLCAssignment0359/0784BRC Appalachian Minerals I, LLCBRC Working Interest Company, LLC1/8 <td>EQT Production Company</td> <td>Antero Resources Corporation</td> <td>Assignment</td> <td>0563/0001</td> | EQT Production Company | Antero Resources Corporation | Assignment | 0563/0001 |
| BRC Working Interest Company, LLC Chesapeake Appalachia, LLC Assignment 0369/0784 Chesapeake Appalachia, LLC Statoil USA Onshore Properties inc Assignment 0378/0764 Statoil USA Onshore Properties inc EQT Production Company Assignment 0653/0001 BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company, LLC 1/8 0369/0784 BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company, LLC 1/8 0369/0784 Chesapeake Appalachia, LLC BRC Working Interest Company, LLC 1/8 0369/0784 Chesapeake Appalachia, LLC Statoil USA Onshore Properties inc Assignment 0369/0784 Chesapeake Appalachia, LLC Statoil USA Onshore Properties inc Assignment 0369/0784 Chesapeake Appalachia, LLC Statoil USA Onshore Properties inc Assignment 0369/0784 Chesapeake Appalachia, LLC Antero Resources Corporation Assignment 0369/0784 Bounty Minerals, LLC Lease BRC Working Interest Company, LLC 1/8 0369/0784 BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company, LLC 1/8 0369/0784 BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company, LLC 1/8 0369/0784 Chesapeake Appalachia, LLC Sagnment 0356/0784 0369/0784 | BRC Appalachian Minerals I, LLC Lease | | | |
| Chesapeake Appalachia, LLCStatoli USA Onshore Properties IncAssignment0378/0764Statoli USA Onshore Properties IncEQT Production CompanyAssignment0539/0239EQT Production CompanyAntero Resources CorporationAssignment0663/0001BRC Appalachian Minerals I, LLC LeaseBRC Working Interest Company, LLC1/80369/0300BRC Appalachia, LLCBRC Working Interest Company, LLC1/80369/0784Chesapeake Appalachia, LLCStatoli USA Onshore Properties IncAssignment0378/0764BRC Morking Interest Company, LLCStatoli USA Onshore Properties IncAssignment0369/0784Chesapeake Appalachia, LLCStatoli USA Onshore Properties IncAssignment0378/0764Statoli USA Onshore Properties IncEQT Production CompanyAssignment0369/0784Chesapeake Appalachia, LLCAntero Resources CorporationAssignment0539/0239EQT Production CompanyAntero Resources Corporation1/8+0555/0337Bounty Minerals, LLCBRC Working Interest Company, LLC1/80369/0300BRC Appalachia Minerals I, LLC Chesapeake Appalachia, LLCAssignment0369/0300BRC Appalachia Minerals I, LLC Chesapeake Appalachia, LLCStatoli USA Onshore Properties Inc1/80369/0300BRC Appalachia Minerals I, LLC Chesapeake Appalachia, LLCSasignment0369/03000378/0764BRC Appalachia Minerals I, LLC Chesapeake Appalachia, LLCSasignment0369/03000378/0764BRC Working Interest CompanyAntero Resources CorporationAssignm | BRC Appalachian Minerals I, LLC | BRC Working Interest Company, LLC | 1/8 | 0369/0300 |
| Statoll USA Onshore Properties IncEQT Production CompanyAssignment0539/0239EQT Production CompanyAntero Resources CorporationAssignment0663/0001BRC Appalachian Minerals I, LLCBRC Working Interest Company, LLC1/80369/0300BRC Appalachian Minerals I, LLCBRC Working Interest Company, LLC1/80369/0300Chesapeake Appalachia, LLCAssignment0369/0784Chesapeake Appalachia, LLCStatoll USA Onshore Properties IncAssignment0378/0764Chesapeake Appalachia, LLCStatoll USA Onshore Properties IncAssignment0539/0239EQT Production CompanyAntero Resources CorporationAssignment0563/0001Bounty Minerals, LLC LeaseBRC Working Interest Company, LLC1/80369/0300Bounty Minerals, LLC LeaseBRC Working Interest Company, LLC1/80369/0300BRC Appalachian Minerals I, LLC LeaseBRC Working Interest Company, LLC1/80369/0300BRC Appalachian Minerals I, LLCBRC Working Interest Company, LLC1/80369/0300BRC Appalachian Minerals I, LLC LeaseBRC Working Interest Company, LLC1/80369/0300BRC Working Interest Company, LLCChesapeake Appalachia, LLCAssignment0369/0784Chaspeake Appalachia, LLCBRC Working Interest CompanyAssignment0369/0784Chesapeake Appalachia, LLCStatoil USA Onshore Properties IncAssignment0378/0764Statoil USA Onshore Properties IncEQT Production CompanyAssignment0378/0764Statoil USA Onshore | BRC Working Interest Company, LLC | Chesapeake Appalachia, LLC | Assignment | 0369/0784 |
| EQT Production CompanyAntero Resources CorporationAssignment0663/0001BRC Appalachian Minerals I, LLC Lease BRC Appalachian Minerals I, LLCBRC Working Interest Company, LLC1/80369/0784BRC Appalachian Minerals I, LLCBRC Working Interest Company, LLCAssignment0369/0784Chesapeake Appalachia, LLCAssignment0378/0764Statoil USA Onshore Properties IncEQT Production CompanyAssignment0539/0239EQT Production CompanyAntero Resources CorporationAssignment0555/0337Bounty Minerals, LLC Lease Bounty Minerals, LLC Lease Bounty Minerals, LLC Case Bounty Minerals, LLC Case BRC Appalachian Minerals I, LLC Statoil USA Onshore Properties Inc1/80369/0300BRC Appalachian Minerals I, LLC Case BRC Appalachian Minerals I, LLC Case BRC Appalachian Minerals I, LLC Statoil USA Onshore Properties Inc1/80369/0300BRC Appalachian Minerals I, LLC BRC Appalachia, LLCAntero Resources Corporation1/80369/0300BRC Appalachian Minerals I, LLC BRC Appalachia, LLCAssignment0369/0784BRC Appalachian Minerals I, LLC BRC Appalachia, LLCAssignment0378/0764BRC Appalachian Minerals I, LLC BRC Appalachia, LLCAssignment0369/0784BRC Appalachian Minerals I, LLC BRC Appalachia, LLCAssignment0378/0764BRC Appalachian Minerals I, LLC BRC Appalachia, LLCAssignment0369/0300BRC Appalachian Minerals I, LLC BRC Appalachia, LLCA | Chesapeake Appalachia, LLC | Statoil USA Onshore Properties Inc | Assignment | 0378/0764 |
| BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC Assignment 0369/0784 Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc Assignment 0539/0239 EQT Production Company Antero Resources Corporation Assignment 0663/0001 Bounty Minerals, LLC Lease Antero Resources Corporation 1/8+ 0555/0337 BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company, LLC 1/8 0369/0784 Baunty Minerals, LLC Lease BRC Working Interest Company, LLC 1/8 0359/0300 BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC ease BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachia ILC C BRC Working Interest Company, LLC 1/8 0369/0300 Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc Assignment 0378/0764 Statoil USA Onshore Properties Inc EQT Production Company Assignmen | Statoil USA Onshore Properties Inc | EQT Production Company | Assignment | 0539/0239 |
| BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 BRC Working Interest Company, LLC Chesapeake Appalachia, LLC Assignment 0378/0764 Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc EQT Production Company Assignment 0539/0239 EQT Production Company Antero Resources Corporation Assignment 0555/0337 Bounty Minerals, LLC BRC Working Interest Company, LLC 1/8 0369/0784 Bounty Minerals, LLC Antero Resources Corporation 1/8+ 0555/0337 BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC Cesapeake Appalachia, LLC BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC Ease BRC Working Interest Company, LLC 1/8 0369/0300 BRC Morking Interest Company, LLC BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachia JLC Statoil USA Onshore Properties Inc Assignment 0378/0764 Statoil USA Onshore Properties Inc EQT Production Company Antero Resources Corporation Assignment 0539/0239 EQT Production Compa | EQT Production Company | Antero Resources Corporation | Assignment | 0663/0001 |
| BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 BRC Working Interest Company, LLC Chesapeake Appalachia, LLC Assignment 0378/0764 Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc EQT Production Company Assignment 0539/0239 EQT Production Company Antero Resources Corporation Assignment 0555/0337 Bounty Minerals, LLC BRC Working Interest Company, LLC 1/8 0369/0784 Bounty Minerals, LLC Antero Resources Corporation 1/8+ 0555/0337 BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC Cesapeake Appalachia, LLC BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC Ease BRC Working Interest Company, LLC 1/8 0369/0300 BRC Morking Interest Company, LLC BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachia JLC Statoil USA Onshore Properties Inc Assignment 0378/0764 Statoil USA Onshore Properties Inc EQT Production Company Antero Resources Corporation Assignment 0539/0239 EQT Production Compa | BRC Appalachian Minerals I, LLC Lease | | | |
| BRC Working Interest Company, LLC Chesapeake Appalachia, LLC Assignment 0369/0784 Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc Assignment 0378/0764 Statoil USA Onshore Properties Inc EQT Production Company Assignment 0539/0239 EQT Production Company Antero Resources Corporation Assignment 0563/0001 Bounty Minerals, LLC Lease Antero Resources Corporation 1/8+ 0555/0337 BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company, LLC 1/8 0369/0784 BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 BRC Working Interest Company, LLC Chesapeake Appalachia, LLC Assignment 0369/0300 BRC Working Interest Company, LLC 1/8 0369/0300 0369/0300 BRC Working Interest Company, LLC 1/8 0369/0300 0378/0764 Statoil USA Onshore Properties Inc EQT Production Company Assignment 0339/0239 EQT Production Company Antero Resources Corporation Assignment 0339/0239 EQT Production Company Antero Resources Corporation Assignment 0339/0239 David E. Bo | BRC Appalachian Minerals I, LLC | BRC Working Interest Company, LLC | 1/8 | 0369/0300 |
| Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc Assignment 0378/0764 Statoil USA Onshore Properties Inc EQT Production Company Assignment 0539/0239 EQT Production Company Antero Resources Corporation Assignment 0663/0001 Bounty Minerals, LLC Lease Antero Resources Corporation 1/8+ 0555/0337 BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 Chesapeake Appalachia, LLC BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 Chesapeake Appalachia, LLC Assignment 0378/0764 Statoil USA Onshore Properties Inc EQT Production Company Assignment 0378/0764 Statoil USA Onshore Properties Inc EQT Production Company Assignment 0539/0239 EQT Production Company Antero Resources Corporation Assignment 0539/0239 David E. Bowyer Antero Resources Corporation 1/8+ 0078/0318 David E. Bowyer Antero | BRC Working Interest Company, LLC | | | - |
| EQT Production Company Antero Resources Corporation Assignment 0663/0001 Bounty Minerals, LLC Lease Bounty Minerals, LLC Antero Resources Corporation 1/8+ 0555/0337 BRC Appalachian Minerals I, LLC Lease BRC Appalachian Minerals I, LLC Lease BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 BRC Working Interest Company, LLC 1/8 0369/0300 0369/0784 Chesapeake Appalachia, LLC Assignment 0369/0784 Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc Assignment 0378/0764 Statoil USA Onshore Properties Inc EQT Production Company Assignment 0539/0239 EQT Production Company Antero Resources Corporation Assignment 0663/0001 David E. Bowyer Antero Resources Corporation 1/8+ 0078/0318 David E. Bowyer Antero Resources Corporation 1/8+ 0101/0738 Betty Morehead et vir Lease David E. Bowyer Antero Resources Corporation 1/8+ 0101/0738 | Chesapeake Appalachia, LLC | Statoil USA Onshore Properties Inc | • | 0378/0764 |
| Bounty Minerals, LLC Lease Antero Resources Corporation 1/8+ 0555/0337 BRC Appalachian Minerals I, LLC Lease BRC Working Interest Company, LLC 1/8 0369/0300 BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc Assignment 0378/0764 Statoil USA Onshore Properties Inc EQT Production Company Assignment 0539/0239 EQT Production Company Antero Resources Corporation Assignment 0663/0001 David E. Bowyer Lease Antero Resources Corporation 1/8+ 0078/0318 David E. Bowyer Antero Resources Corporation 1/8+ 0101/0738 Betty Morehead et vir Lease Butvi Morehead et vir Lease 1/8+ 0101/0738 | Statoil USA Onshore Properties Inc | EQT Production Company | - | 0539/0239 |
| Bounty Minerals, LLCAntero Resources Corporation1/8+0555/0337BRC Appalachian Minerals I, LLC Lease BRC Appalachian Minerals I, LLCBRC Working Interest Company, LLC1/80369/0300BRC Working Interest Company, LLCChesapeake Appalachia, LLCAssignment0369/0784Chesapeake Appalachia, LLCStatoil USA Onshore Properties IncAssignment0378/0764Statoil USA Onshore Properties IncEQT Production CompanyAssignment0533/0239EQT Production CompanyAntero Resources CorporationAssignment0663/0001David E. Bowyer Lease David E. BowyerAntero Resources Corporation1/8+0078/0318Betty Morehead et vir Lease Betty Morehead et vir LeaseAntero Resources Corporation1/8+0101/0738 | EQT Production Company | Antero Resources Corporation | Assignment | 0663/0001 |
| Bounty Minerals, LLCAntero Resources Corporation1/8+0555/0337BRC Appalachian Minerals I, LLC Lease BRC Appalachian Minerals I, LLCBRC Working Interest Company, LLC1/80369/0300BRC Working Interest Company, LLCChesapeake Appalachia, LLCAssignment0369/0784Chesapeake Appalachia, LLCStatoil USA Onshore Properties IncAssignment0378/0764Statoil USA Onshore Properties IncEQT Production CompanyAssignment0533/0239EQT Production CompanyAntero Resources CorporationAssignment0663/0001David E. Bowyer Lease David E. BowyerAntero Resources Corporation1/8+0078/0318Betty Morehead et vir Lease Batter Morehead et vir LeaseAntero Resources Corporation1/8+0101/0738 | Bounty Minerals, LLC Lease | | | |
| BRC Appalachian Minerals I, LLC BRC Working Interest Company, LLC 1/8 0369/0300 BRC Working Interest Company, LLC Chesapeake Appalachia, LLC Assignment 0369/0784 Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc Assignment 0378/0764 Statoil USA Onshore Properties Inc EQT Production Company Assignment 0539/0239 EQT Production Company Antero Resources Corporation Assignment 0663/0001 David E. Bowyer Lease David E. Bowyer Antero Resources Corporation 1/8+ 0078/0318 Betty Morehead et vir Lease Botty Morehead et vir Lease Antero Resources Corporation 1/8+ 0101/0738 | | Antero Resources Corporation | 1/8+ | 0555/0337 |
| BRC Working Interest Company, LLC Chesapeake Appalachia, LLC Assignment 0369/0784 Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc Assignment 0378/0764 Statoil USA Onshore Properties Inc EQT Production Company Assignment 0539/0239 EQT Production Company Antero Resources Corporation Assignment 0663/0001 David E. Bowyer Lease Antero Resources Corporation 1/8+ 0078/0318 David E. Bowyer Lease Antero Resources Corporation 1/8+ 0101/0738 | BRC Appalachian Minerals I, LLC Lease | | | |
| Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc Assignment 0378/0764 Statoil USA Onshore Properties Inc EQT Production Company Assignment 0539/0239 EQT Production Company Antero Resources Corporation Assignment 0663/0001 David E. Bowyer Lease David E. Bowyer Lease 0078/0318 0078/0318 David E. Bowyer Lease Antero Resources Corporation 1/8+ 0101/0738 Betty Morehead et vir Lease Betty Morehead et vir Lease 1/8+ 0101/0738 | BRC Appalachian Minerals I, LLC | BRC Working Interest Company, LLC | 1/8 | 0369/0300 |
| Statoil USA Onshore Properties Inc EQT Production Company Assignment 0539/0239 EQT Production Company Antero Resources Corporation Assignment 0663/0001 David E. Bowyer Lease David E. Bowyer Lease 0078/0318 David E. Bowyer Lease Antero Resources Corporation 1/8+ 0078/0318 Batty Morehead et vir Lease Betty Morehead et vir Lease 1/8+ 0101/0738 | BRC Working Interest Company, LLC | Chesapeake Appalachia, LLC | Assignment | 0369/0784 |
| EQT Production Company Antero Resources Corporation Assignment 0663/0001 David E. Bowyer Lease Antero Resources Corporation 1/8+ 0078/0318 David E. Bowyer Lease Antero Resources Corporation 1/8+ 0101/0738 Betty Morehead et vir Lease Betty Morehead et vir Lease 1/8+ | Chesapeake Appalachia, LLC | Statoil USA Onshore Properties Inc | Assignment | 0378/0764 |
| David E. Bowyer Lease Antero Resources Corporation 1/8+ 0078/0318 David E. Bowyer Lease Antero Resources Corporation 1/8+ 0101/0738 Betty Morehead et vir Lease Betty Morehead et vir Lease Betty Morehead et vir Lease | Statoil USA Onshore Properties Inc | EQT Production Company | Assignment | 0539/0239 |
| David E. Bowyer Antero Resources Corporation 1/8+ 0078/0318 David E. Bowyer Lease Antero Resources Corporation 1/8+ 0101/0738 Betty Morehead et vir Lease Betty Morehead et vir Lease 1/8+ 0101/0738 | EQT Production Company | Antero Resources Corporation | Assignment | 0663/0001 |
| David E. Bowyer Lease 1/8+ 0101/0738 Betty Morehead et vir Lease Resources Corporation 1/8+ | David E. Bowyer Lease | | | |
| David E. Bowyer Antero Resources Corporation 1/8+ 0101/0738 Betty Morehead et vir Lease Betty Morehead et vir 1 | David E. Bowyer | Antero Resources Corporation | 1/8+ | 0078/0318 |
| Betty Morehead et vir Lease Betty Morehead et vir | David E. Bowyer Lease | | | |
| Bothy Marchaod at vin | David E. Bowyer | Antero Resources Corporation | 1/8+ | 0101/0738 |
| Betty Morehead et vir Antero Resources Corporation 1/0. | Betty Morehead et vir Lease | | | |
| | Betty Morehead et vir | Antero Resources Corporation | 1/8+ | 0498/0111 |
| Brenda Cuic Lease | Brenda Cuic Lease | | | |
| Brenda Cuic JB Exploration I, LLC 1/8 10/01/2024/p431 | Brenda Cuic | JB Exploration I, LLC | 1/8 | 10/01/2024/p431 |

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

| Grantor, lessor, etc. | Grantee, lessee, etc. | Royalty | Book/Page |
|-------------------------------------|--------------------------------|------------|-----------|
| JB Exploration I, LLC | Statoil USA Onshore Properties | Assignment | 0509/0746 |
| Statoil USA Onshore Properties, LLC | EQT Production Company | Assignment | 0563/0016 |
| EQT Production Company | Antero Resources Corporation | Assignment | 0663/0001 |
| Paul Richard Baker Lease | | | |
| Paul Richard Baker | Antero Resources Corporation | 1/8+ | 0101/0763 |



Stansberry, Wade A <wade.a.stansberry@wv.gov>

Expedited Modifications H6A Horizontal Well Work Permits Margery Pad

1 message

 Stansberry, Wade A <wade.a.stansberry@wv.gov>
 Wed, Sep 29, 2021 at 12:07 PM

 To: Dani DeVito <ddevito@shalepro.com>, mhamsher@anteroresources.com, Derek Haught <derek.m.haught@wv.gov>,

 Ijackson@wvassessor.com

I have attached permit copies for the Margery Pad for the following wells

95-02742 95-02743 95-02744 95-02745 95-02746

Thank you,

Wade A. Stansberry

Environmental Resource Specialist 3

West Virginia Department of Environmental Protection

Office of Oil & Gas

601 57th St. SE

Charleston, WV 25304

(304) 926-0499 ext. 41115

(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

5 attachments

[™] 631K **47-095-02744 - mod.pdf**

[™] 634K **47-095-02745 - mod.pdf**

₱ 47-095-02746 - Copy.pdf 649K

[™] 47-095-02743 - mod.pdf 660K

₱ 47-095-02742 - mod.pdf 728K