



west virginia department of environmental protection

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

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

March 17, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-4301917, issued to CHESAPEAKE APPALACHIA, L.L.C., 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 all 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. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.



James Martin
Chief

Operator's Well No: 2402
Farm Name: ROBERTS, O. C.
API Well Number: 47-4301917
Permit Type: Plugging
Date Issued: 03/17/2015

Promoting a healthy environment.

03/20/2015

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. This well is under a consent order and must be plugged under the terms of that agreement.

FORM WW-4 (B)
Observe
File Copy
(Rev. 2/01)

1) Date: 2/6/2015
2) Operator's Well No. 802402 P&A
3) API Well No. 47-043-01917

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 _____
 (Is Gas, Production X or Underground storage _____) Deep _____ Shallow X
- 5) Location: Elevation 763' Watershed Middle Fork of Mud River
 District Carroll County Lincoln Quadrangle Hamlin, WV 7.5'
- 6) Well Operator Chesapeake Appalachia, L.L.C. 7) Designated Agent Jessica Greathouse
 Address P.O. Box 18496 Address P.O. Box 6070
Oklahoma City, OK 73154-0496 Charleston, WV 25362
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
 Name Ralph Triplett Name Chesapeake Appalachia, L.L.C.
 Address 5539 McClellan Highway Address P.O. Box 18496
Branchland, WV 25506 Oklahoma City, OK 73154-0496

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

See Attached Sheet

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

Work Order approved by Inspector



Date 2-23-15

Received

FEB 25 2015

Office of Oil and Gas
WV Dept. of Environmental Protection

03/20/2015

ELEV 763'
TD, 2206'

802402 P&A PROCEDURE

- 1) Prepare road and location, MIRU service rig
- 2) RIH with tools to check TD approximately at 2200'
- 3) Attempt to pull 3 ½" and packer
 - A) If successful:
 - a) Run W.S. to 2175', spot gel
 - b) Spot 125' cement plug 2175'-2050'
 - c) Proceed to step 4
 - B) If unsuccessful:
 - a) Run W.S. to approximately 2175', spot gel
 - b) Spot 125' cement plug 2175'-2050', pull W.S.
 - c) Cut 3 ½" at free-point approximately at 1810', and pull
 - d) Proceed to step 4
- 4) Pull or run W.S. to 1810', spot gel
- 5) Spot 150' cement plug 1810'-1660', pull W.S.
- 6) RIH with tools to check top of plug (If TOC is below 1690', then reset plug)
- 7) Rip or shoot holes approximately at 1640', 1620', 1440' and 1420'
- 8) Run W.S. to 1640', spot gel
- 9) Spot 100' cement plug 1640'-1540', pull W.S. to 1440'
- 10) Spot 100' cement plug 1440'-1340', pull W.S.
- 11) Cut 6 5/8" at free-point (approximately 900') and pull
- 12) Run W.S. to 900', spot gel
- 13) Spot 150' cement plug 900'-750', pull W.S. to 490'
- 14) Spot 100' cement plug 490'-390', pull W.S. to 130'
- 15) Spot 130' cement plug 130'-surface
- 16) Pull W.S. and top off with cement
- 17) Erect monument and reclaim as prescribed by law

Received

FEB 25 2015

Office of Oil and Gas
WV Dept. of Environmental Protection

03/20/2015

Well 802402
 API 47-043-01917
 38-53

Serial Well No. 2402 Lease No. 1372 Map Square 38-53
 Paragon Print 500 42047

RECORD OF WELL No. <u>2402</u> on the <u>O. C. Roberts</u> Farm of <u>86 1/2</u> Acres in <u>Carroll</u> District <u>Lincoln</u> County <u>Branchland</u> Field, State of <u>W. Va.</u> <u>Waters of Mud River.</u>	CASING AND TUBING			TEST BEFORE SHOT
	Size 16 13 10 8 3/4 6 5/8 5 3-16 4 7/8 4 3 2	Used in Drilling None None 29'9" 283'10" 20# 1714'6" None None None 2236'1" None	Left in Well None None 29'9" 283'10" 1714'6" None None 2236'1" None	7 10ths 10ths Volume <u>126,240</u> Cu. ft. TEST AFTER SHOT 2 10ths 10ths Volume <u>151,632</u> Cu. ft. Rock pressure <u>310</u> Date Shot <u>Nov. 5, 1925</u> (Berea) <u>30</u> qts. Size of Torpedo Oil Flowed <u>0</u> bbls. 1st 24 hrs. Oil Pumped <u>0</u> bbls. 1st 24 hrs. Well abandoned and Plugged <u>19</u>
Rig Commenced <u>9-20-25</u> 192 Rig Completed <u>10-1-25</u> 192 Drilling Commenced <u>Sept. 30, 1925</u> 192 Drilling Completed <u>Nov. 7, 1925</u> 192 Drilling to cost _____ per foot Contractor is: <u>Columbia Gas & Elec. Co.,</u> Address: <u>String #4</u> Driller's Names <u>Abe Brookover</u> <u>Ben Pauley</u> <u>Engineers' reference, Note book</u> <u>14-A Page 48. Charleston.</u>	SHUT IN Date <u>Nov. 8, 1925.</u> _____ in <u>3"</u> Tubing or Casing Size of Packer <u>3"x6-5/8"x16"</u> OWS Co. anchor. Kind of Packer _____ 1st Perf. Set <u>0-3'4"</u> from bottom 2nd Perf. Set <u>42'10"-50'10"</u> from bottom.			

DRILLER'S RECORD

Formation	Top	Bottom	Thickness	Remarks
Surface	0	30	30	
Sand	30	70	40	Steel line measurement at 6-5/8"
Slate	70	85	15	casing point, 1700 ft.
Sand	85	95	10	
Coal	95	99	4	3" tubing, 7.675 lb. 1 1/2 thread.
Sand	99	135	36	6-5/8"x8 1/2"x16" bottom hole packer
Slate	135	210	75	run on bottom of 6-5/8" casing.
Sand	210	247	37	
Slate	247	270	23	3"x6-5/8"x16" OWS Co. anchor packer
Sand	270	350	80	run in 3" tubing, set 350' from bottom
Slate	350	400	50	
Sand	400	440	40	Producing gas from Berea Sand
Coal	440	443	3	between 2150' and 2158'
Sand	443	492	49	in 2"
Slate	492	555	63	*Test 16/10 Water/at 8' in Berea
Sand	555	615	60	
Slate	615	765	150	Sand; blew down to 7/10 water in 2"
Sand	765	820	55	before shot.
Slate	820	883	63	
Gas Sand	883	898	15	Small show of oil in Berea at 2167'
Slate	898	905	7	
Lime	905	920	15	
Salt Sand	920	1379	459	Fresh water at 443'
Maxton Sand	1379	1414	35	Hole full of water at 960'
Little Lime	1414	1444	30	
Pencil Cave	1444	1449	5	Shot in Berea Sand only.
Big Lime	1449	1634	185	Test 1 hour after shot, 10/10 W -2"
Slate	1634	1641	7	
Big Injun Sand	1641	1676	35	
XXXXX No record	1676	1694	18	
Shell	1694	1715	21	
6-5/8" casing point		1700		
Slate & shells	1715	1816	101	
Big Shell	1816	1916	100	
Slate & shells	1916	2130	214	
Brown shale	2130	2150	20	
Berea Sand	2150	2171	21	
Slate	2171	2206	35	
Bottom of hole		2206		

03/20/2015

4301917P

WW4-A
Revised
2/01

1) Date: 2/6/2015
2) Operator's Well No. 802402 P&A
3) API Well No. 47-043-01917

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
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:
(a) Name C&R Equipment Co. Inc.
Address 168 Sug Drive
Hamlin, WV 25523 ✓

(b) Name See Attached List for Access
Address Surface Owners

(c) Name _____
Address _____

6) Inspector Ralph Triplett
Address 5539 McClellan Highway
Branchland, WV 25506

Telephone 304-389-0350

5) Coal Operator
(a) Name None
Address _____

Coal Owner(s) with Declaration
(b) Name See Attached List for Coal Owners
Address _____

Name _____
Address _____

Coal Lessee with Declaration
(c) Name None
Address _____

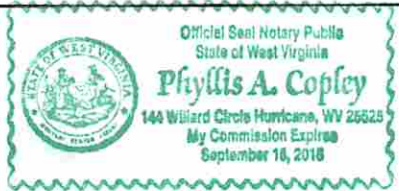
Name _____
Address _____

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 the 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 the 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: Chesapeake Appalachia, L.L.C.
By: RE. Schmitt
Its: Completion Superintendent
Address: P.O. Box 18496
Oklahoma City, OK 73154-0496
Telephone: 405-935-4073

Subscribed and sworn before me this 11th day of February the year of 2015
Phyllis A. Copley Notary Public
My Commission Expires September 16, 2018

03/20/2015

Well 802402 P&A
API 47-043-01917

Access Surface Owners

C&R Equipment Co., Inc.
168 Sug Drive
Hamlin, WV 25523



Barbara Carper
Rt 1 Box 51
Hamlin, WV 25523



Gregory A. Roberts
1623 Ardoyne Avenue
Cleveland, OH 44109



Well 802402 P&A
API 47-043-01917

Coal Owners

Charles A. Roberts ✓
P.O. Box 285
Hamlin, WV 25523

Gregory A. Roberts ✓
4484 Wolff Drive
Brunswick, OH 44212

Roy A. Campbell ✓
124 Summit Ridge
Hurricane, WV 25523

Helen E. Richardson ✓
2821 Gulf City Road #74
Ruskin, FL 33570

Wanda D. Roberts ✓
25 Gables Drive
Columbus, OH 43207

James K. Roberts ✓
453 Rumsey Road
Columbus, OH 43207

Well 802402

API 47-043-01917P

1 of 2

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
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For delivery information, visit our website at www.usps.com®.
HAMLIN WV 25523

OFFICIAL USE

Postage	\$ 1.40	0523
Certified Fee	3.30	03
Return Receipt Fee (Endorsement Required)	2.70	
Restricted Delivery Fee (Endorsement Required)	0.00	
Total	7.40	02/11/2015

Sent To
802402 P&A (surface)
C&R Equipment Co., Inc.
168 Sug Drive
Hamlin, WV 25523

7014 2120 0003 6636 5859

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Certified Fee	3.30	03
Return Receipt Fee (Endorsement Required)	2.70	
Restricted Delivery Fee (Endorsement Required)	0.00	
Total Postage	7.40	02/11/2015

Sent To
802402 P&A (access surface)
Barbara Carper
Rt 1 Box 51
Hamlin, WV 25523

2485 9599 0003 6636 5842

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CLEVELAND OH 44107

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Postage	\$ 1.82	0523
Certified Fee	3.30	03
Return Receipt Fee (Endorsement Required)	2.70	
Restricted Delivery Fee (Endorsement Required)	0.00	
Total Postage & Fees	7.82	02/11/2015

Sent To
802402 P&A (access surface)
Gregory A. Roberts
1623 Ardoyne Avenue
Cleveland, OH 44109

7014 2120 0003 6636 5835

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HAMLIN WV 25523

OFFICIAL USE

Postage	\$ 1.40	0523
Certified Fee	3.30	03
Return Receipt Fee (Endorsement Required)	2.70	
Restricted Delivery Fee (Endorsement Required)	0.00	
Total P	7.40	02/11/2015

Sent To
802402 P&A (coal)
Charles A. Roberts
P.O. Box 285
Hamlin, WV 25523

9285 9599 0003 6636 5828

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BRUNSWICK OH 44212

OFFICIAL USE

Postage	\$ 1.40	0523
Certified Fee	3.30	03
Return Receipt Fee (Endorsement Required)	2.70	
Restricted Delivery Fee (Endorsement Required)	0.00	
Total Postage & Fees	7.40	02/11/2015

Sent To
802402 P&A (coal)
Gregory A. Roberts
4484 Wolff Drive
Brunswick, OH 44212

7014 2120 0003 6636 5811

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HURRICANE WV 25526

OFFICIAL USE

Postage	\$ 1.40	0523
Certified Fee	3.30	03
Return Receipt Fee (Endorsement Required)	2.70	
Restricted Delivery Fee (Endorsement Required)	0.00	
Total	7.40	02/11/2015

Sent To
802402 P&A (coal)
Roy A. Campbell
124 Summit Ridge
Hurricane, WV 25526

4805 9599 0003 6636 5804

CK 5241366
\$105.00

03/20/2015

Well 802402

API 47-243-01917P 282

7014 2120 0003 6636 5774

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COLUMBUS OH 43207

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Postage	\$ 1.40	0523
Certified Fee	3.30	03
Return Receipt Fee (Endorsement Required)	2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	0.00	
Total Postage & Fees	\$7.40	02/11/2015

802402 P&A (coal)
James K. Roberts
453 Rumsey Road
Columbus, OH 43207

See Reverse for Instructions

7014 2120 0003 6636 5781

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COLUMBUS OH 43207

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Certified Fee	3.30	03
Return Receipt Fee (Endorsement Required)	2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	0.00	
Total Postage & Fees	\$7.40	02/11/2015

To
802402 P&A (coal)
Wanda D. Roberts
25 Gables Drive
Columbus, OH 43207

PS Form 3800, July 2014 See Reverse for Instructions

7014 2120 0003 6636 5798

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RUSKIN FL 33570

OFFICIAL USE

Postage	\$ 1.40	0523
Certified Fee	3.30	03
Return Receipt Fee (Endorsement Required)	2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	0.00	
Total Postage & Fees	\$7.40	02/11/2015

802402 P&A (coal)
Helen E. Richardson
2821 Gulf City Road #74
Ruskin, FL 33570

See Reverse for Instructions

4301917P

Form WW-9
Rev. 02/01

API Number 47-043-01917
Operator's Well No. 802402 P&A

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name Chesapeake Appalachia, L.L.C. OP Code 494477557
Watershed Middle Fork of Mud River Quadrangle Hamlin, WV 7.5'
Elevation 763' County Lincoln District Carroll

Description of anticipated Pit Waste: Plugging Returns/Cement

Will a synthetic liner be used in the pit? Yes 20 MIL.

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Proposed Work For Which Pit Will Be Used:

- Drilling
- Workover
- Swabbing
- Plugging
- Other (Explain _____)

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on December 31, 1999, 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 *R.E. Schindler*

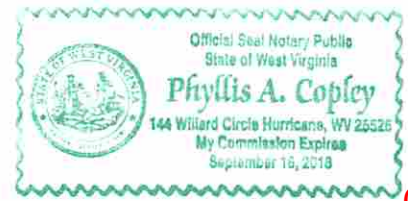
Company Official (Typed Name) Robert E. Schindler

Company Official Title Completion Superintendent

Subscribed and sworn before me this 11th day of February, 2015.

Phyllis A. Copley Notary Public.

My Commission Expires September 16, 2018

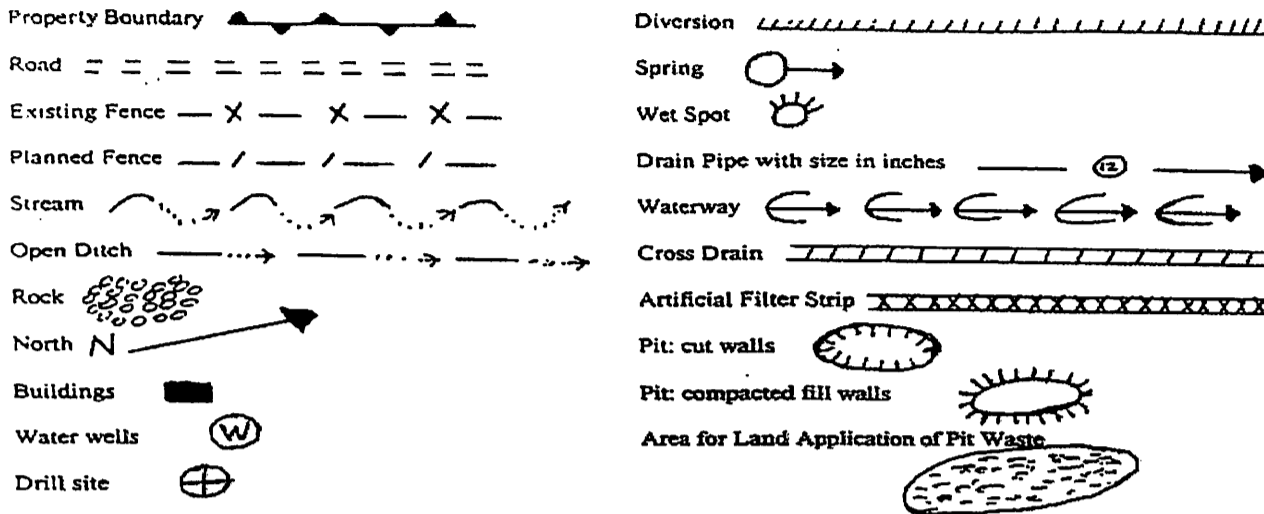


03/20/2015

Attachment #1

API #: 47-043-01917
 Operator's Well No. 802402 P&A

LEGEND



Proposed Revegetation Treatment: Acres Disturbed 1.0 Prevegetation pH 6.1

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 1/3 TON lbs/acre (500 lbs minimum)

Mulch Hay 2 Tons/acre

Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
CHESAPEAKE CONTRACTOR'S MIX	40	ORCHARD GRASS	15
ALSIKE CLOVER	5	ALSIKE CLOVER	5
ANNUAL RYE	15		

Attach:
 Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by:

Title: inspector 006

Date: 2-23-15

Field Reviewed? () Yes () No

Received

FEB 25 2015

Office of Oil and Gas
 WV Dept. of Environmental Protection

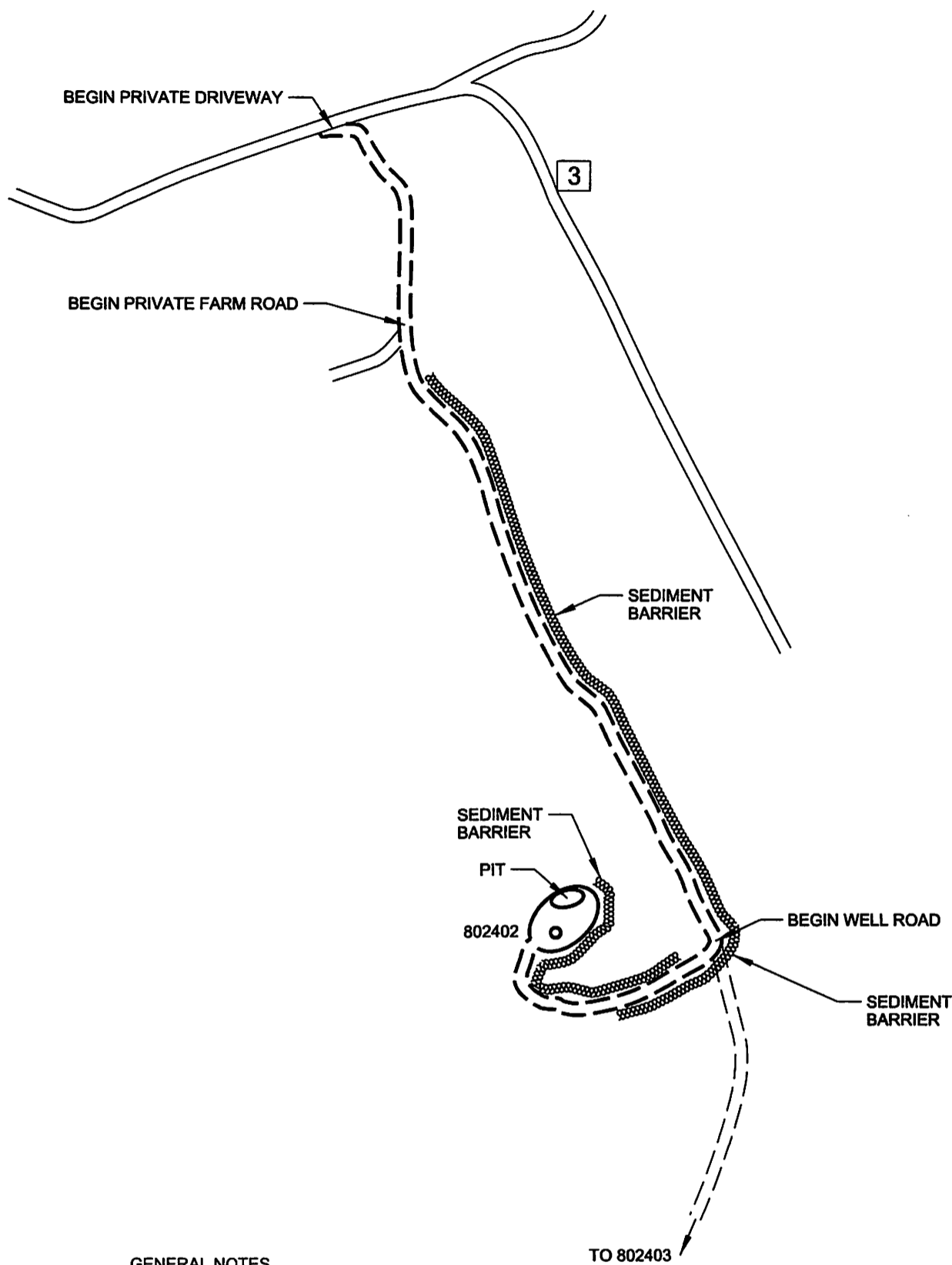
03/20/2015

4301917 P

CHESAPEAKE APPALACHIA, L.L.C.

RECLAMATION DIAGRAM WELL LOCATION 802402

API 47-043-01917



GENERAL NOTES

This drawing is a schematic representation of the well site and access road. Proposed structures such as well site, drilling pit, roadways, culverts, sediment barriers, etc. are shown in approximate pre-planning configurations.

All culvert pipes will be a minimum of 15 inches in diameter. All culvert pipes installed will be accompanied by an entrance sump with dimensions no less than 3 feet (width) x 3 feet (length) x 4 feet (deep). Culverts will be installed at an angle to ensure proper flow. The out fall of culverts will be protected from erosion and sedimentation using large rocks or other sediment controls deemed necessary in the prevention of erosion and sedimentation. Storm water from the ditches to the culverts will be directed to stable natural vegetative areas. Where culverts are not practical, operator will have other sediment control in place to minimize erosion sedimentation.

Cross drains, broad based dips, water bars, and diversion ditches, will be employed during the construction phase. These erosion and sediment control structures will be used to control erosion and sedimentation during the construction phase, where applicable, and in areas that will allow. These structures will be considered permanent and used as such.

Permanent seeding: See Attachment #1.

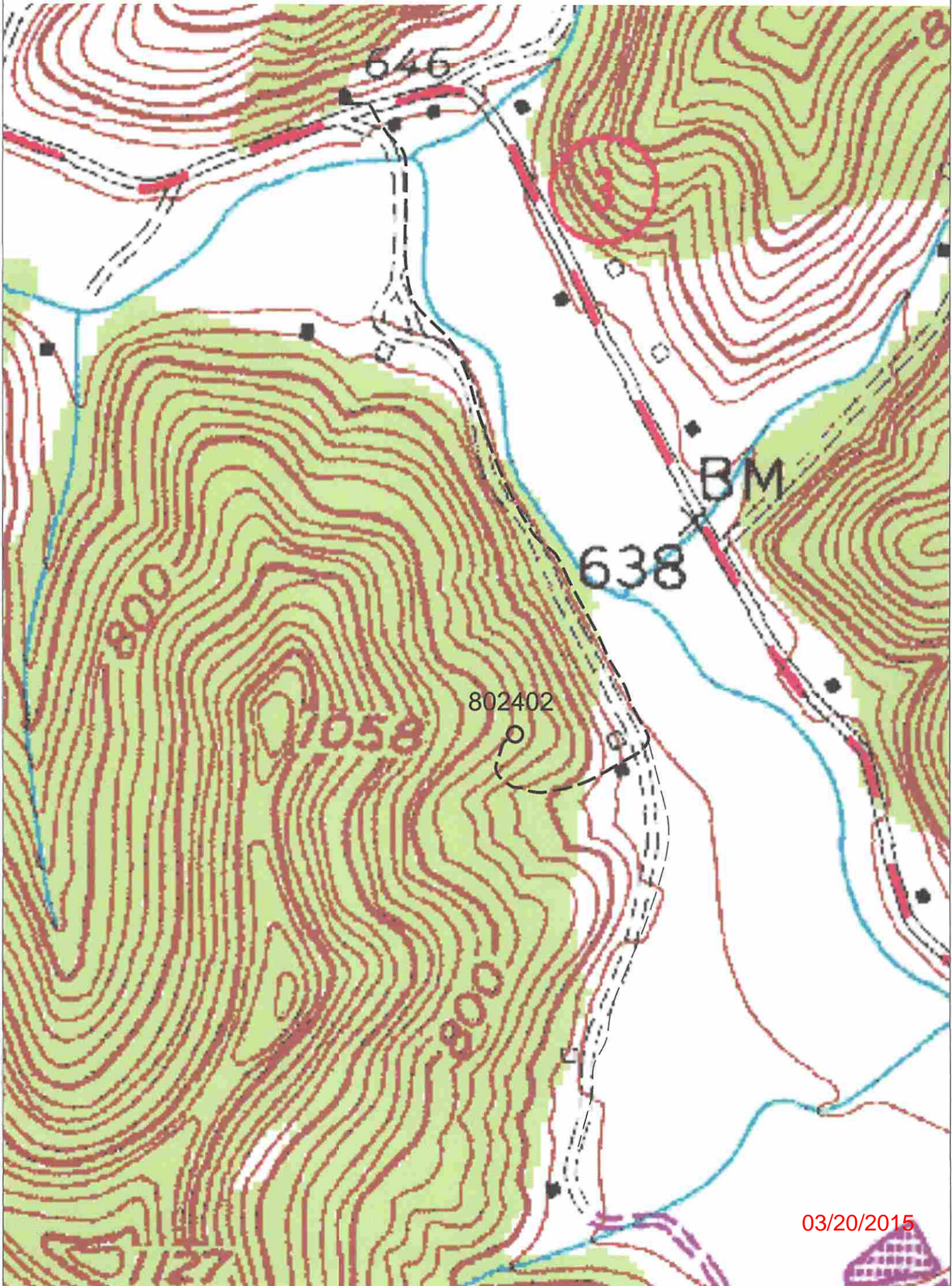
03/20/2015

4301917P

CHESAPEAKE APPALACHIA, L.L.C.

TOPOGRAPHICAL MAP OF ACCESS AND
WELL LOCATION 802402

API 47-043-01917



03/20/2015

NOTE: ALL WELLS IDENTIFIED
WITHIN 2400' ARE SHOWN

LATITUDE 38°17'30"

3,587'

LONGITUDE 82°20'30"

10,050'

802402

MIDDLE FORK CREEK

DAVIS TRACE BRANCH

S 20°16' E 1,980'

802403
P-01883

S 35°55' E 5,650'

802295
P-01883

NOTE: NO BUILDING STRUCTURES
IDENTIFIED WITHIN 200'

WELL SITE

STATE PLANE WV
SOUTH ZONE NAD 1927
N - 461,991.82 : E - 1,697,349.00

LATITUDE: (N) 38.2640384°
LONGITUDE: (W) 82.0541386°

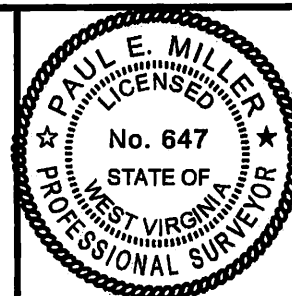
UTM NAD83
17 - 84W TO 78W, METERS
N - 4,235,646.769 : E - 407,793.621

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 802402.DGN
DRAWING NO. 802402 P&A
SCALE 1" = 1000'
MINIMUM DEGREE OF
ACCURACY 1:200
PROVEN SOURCE OF
ELEVATION MAPPING GRADE GPS

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF ENVIRONMENTAL PROTECTION.

(SIGNED) Paul E. Miller
R.P.E. _____ L.L.S. 647



STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION



DATE JANUARY 8, 20 15
OPERATOR'S WELL NO. 802402
API WELL NO.

47 043 01917 P
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 763' WATER SHED MIDDLE FORK OF MUD RIVER
DISTRICT CARROLL COUNTY LINCOLN
QUADRANGLE HAMLIN, WV 7.5'

SURFACE OWNER C&R EQUIPMENT INCORPORATED ACREAGE -
OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE 89.5
LEASE NO. 1024591

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

PLUG AND ABANDON X CLEAN OUT AND REPLUG ___

TARGET FORMATION _____ ESTIMATED DEPTH _____
WELL OPERATOR CHESAPEAKE APPALACHIA, L.L.C. DESIGNATED AGENT JESSICA GREATHOUSE
ADDRESS P.O. BOX 18496, OKLAHOMA CITY, OK 73154-0496 ADDRESS CHESAPEAKE APPLACHIA, L.L.C. PO BOX 6070, CHARLESTON, WV 25382

COUNTY NAME PERMIT

03/20/2015