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**west virginia** department of environmental protection

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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

June 24, 2015

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-4301943, 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: 4133  
Farm Name: LINCOLN LAND ASSOC.  
**API Well Number: 47-4301943**  
**Permit Type: Plugging**  
Date Issued: 06/24/2015

**Promoting a healthy environment.**

**06/26/2015**

## 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

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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.

4301943P

*Inspector's signed copy*

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

1) Date: 4/17/2015  
2) Operator's Well No. 804133 P&A  
3) API Well No. 47-043-01943

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   780'   Watershed   Middle Fork of Mud River    
 District   Duval   County   Lincoln   Quadrangle   Hager, 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   *Ralph D. Triplett*   Date   04/27/15  

06/26/2015  
Received  
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APR 29 2015

## 804133 P&amp;A Procedure

NOTE: Well has two 3" packers (anchor packer at 1998' and seed bag packer at 1763').

- 1) Prepare road and location, MIRU service rig
- 2) Run in hole to check TD (approximately 2200'). (NOTE: There is a bailer lost in hole between 2200' and 2280'.)
- 3) Attempt to pull 3" and packers
  - A) If successful
    - a) Run W.S. to 2200', spot gel
    - b) Spot 100' cement plug 2200'-2100'
    - c) Proceed to step 4
  - B) If unsuccessful
    - a) Run W.S. to 2200', spot gel
    - b) Spot 150' cement plug 2200'-2050', pull W.S.
    - c) Cut 3" at free-point (approximately 1745') and pull
    - d) Proceed to step 4
- 4) Pull or run W.S. to 1745', spot gel
- 5) Spot 100' cement plug 1745'-1645', pull W.S. to 1590'
- 6) Spot 100' cement plug 1590'-1490', pull W.S. (NOTE: If 3 1/2" cut is higher, plugs in 5 & 6 may be combined to make one long plug.)
- 7) Run in hole with tools to check top of plug. If TOC is below 1525' then reset plug.
- 8) Cut 6 5/8" at free-point (approximately 930') and pull
- 9) Run W.S. to 930', spot gel
- 10) Spot 150' cement plug 930'-780', pull W.S.
- 11) Attempt to pull 8 1/4"
  - A) If successful or if 8 1/4" is not present
    - a) Run W.S. to 330', spot gel
    - b) Spot 100' cement plug 330'-230'
    - c) Proceed to step 12
  - B) If unsuccessful
    - a) Run W.S. to 330', spot gel
    - b) Spot 100' cement plug 330'-230', pull W.S.
    - c) Cut 8 1/4" at free-point (approximately 190') and pull
    - d) Proceed to step 12
- 12) Pull or run W.S. to 190', spot gel
- 13) Spot 190' cement plug 190' – surface
- 14) Pull W.S. and top off with cement
- 15) Erect monument and reclaim as prescribed by law

OK  
RDT  
04/27/15

06/26/2015

Received  
Office of Oil & Gas  
APR 29 2015

UNITED FUEL GAS COMPANY

043-1943 P  
Well 80 4133  
MAP SQUARE 40-51

SERIAL WELL NO. 4133

LEASE NO. 30362

March 16, 1927

<p>RECORD OF WELL No. 1 on the F. E. May Farm of L.L.A. Acres in Duval District Lincoln County Field, State of W.Va.</p>		<p>CASING AND TUBING</p> <table border="1"> <thead> <tr> <th>SIZE</th> <th>USED IN DRILLING</th> <th>LEFT IN WELL</th> </tr> </thead> <tbody> <tr> <td>16</td> <td></td> <td></td> </tr> <tr> <td>13</td> <td></td> <td></td> </tr> <tr> <td>10</td> <td></td> <td></td> </tr> <tr> <td>8 1/4</td> <td>257</td> <td>257</td> </tr> <tr> <td>6 5/8</td> <td>1540</td> <td>1540</td> </tr> <tr> <td>5 3/16</td> <td></td> <td></td> </tr> <tr> <td>4 7/8</td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td>2288</td> </tr> <tr> <td>2</td> <td></td> <td></td> </tr> </tbody> </table>			SIZE	USED IN DRILLING	LEFT IN WELL	16			13			10			8 1/4	257	257	6 5/8	1540	1540	5 3/16			4 7/8			4			3		2288	2			<p>TEST BEFORE SHOT</p> <p>13 of Water in 2 inch 10ths. of Merc. in . . . inch Volume 176,000 Cu. ft.</p>	
SIZE	USED IN DRILLING	LEFT IN WELL																																					
16																																							
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10																																							
8 1/4	257	257																																					
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4 7/8																																							
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3		2288																																					
2																																							
<p>Rig Commenced 193 Rig Completed 193 Drilling Commenced Sept. 17, 1914 193 Drilling Completed Oct. 27, 1914 193 Drilling to cost per foot Contractor is: Wayland Oil &amp; Gas Co. Address:</p>		<p>TEST AFTER SHOT</p> <p>of Water in . . . inch 10ths. of Merc. in . . . inch Volume . . . . . Cu. ft. Rock Pressure 175#</p> <p>Date Shot 10-28-1914 Size of Torpedo 90 lbs.</p> <p>Oil Flowed . . . . . bbls. 1st 24 hrs. Oil Pumped . . . . . bbls. 1st 24 hrs.</p>																																					
<p>Driller's Name Well purchased from the U.D.N.G.Co. 3 by the U.F.G.Co. Jan. 1, 1930.</p>		<p>SHUT IN</p> <p>Date . . . . . Tubing or Casing Size of Packer 3x6-5/8 Kind of Packer Anchor . . . . . 1st Perf. Set . . . . . from . . . . . 2nd Perf. Set . . . . . from . . . . .</p> <p>Well abandoned and Plugged . . . . . 193 1999</p>																																					

DRILLER'S RECORD Foreign Well No. 3267

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Red Rock and Slate		150	150	Used 1-3x6-5/8" sand bag packer.
Sand	150	245	95	Well repaired, pocket drilled and
Slate	245	275	30	retubed with 3" March 1927.
Sand	275	480	205	
Slate & Shells	480	600	120	
Sand	600	840	240	
Lime Shells	840	920	80	
Salt Sand	920	1500	580	
Slate	1500	1505	5	
Little Lime	1505	1535	30	
Pencil Cave	1535	1538	3	
Big Lime	1538	1725	187	
Big Injun	1725	1770	45	
Slate and Shells	1770	1990	220	
Slate	1990	2196	206	
Brown Shale	2196	2211	15	
Berea Sand	2211	2229	18	
Total Depth		2280		Test of well July 1924, 395,000 cu. ft. Rock pressure 225#

06/26/2015  
received  
Office of Oil & Gas  
APR 29 2015

WLU 804133 P+  
API 47-043-01943P  
3-2690

Serial Well No. 4133

Lease No. 1-40

Map Square 40-51

JARRETT PRINTING CO., CHARLESTON

RECORD OF WELL No. 4133  
seven

CASING AND TUBING

TEST BEFORE SHOT

Lincoln Land Ass'n	Farm of	Acres	Size	Used in Drilling	Left in Well	of Water in
in	Duval	District	16			10ths
	Lincoln	County	13			of Merc. in
Turkey Creek	Field, State of	W. Va.	10			10ths
			8 1-4	257		Volume
Rig Commenced	192	6 5-8		1540	1540	Cu. ft.
Rig Completed	192	5 3-16				TEST AFTER SHOT
Drilling Commenced	September 17, 1914	4 7-8				of Water in
Drilling Completed	October 27, 1914	4				10ths
Drilling to cost	per foot	3				of Merc. in
Contractor is:	Wayland Oil & Gas Co.,	2		2130	2130	10ths
Address:	Tango, W. Va.					Volume

SHUT IN

Drillers' Names	C. M. Means	Date	
	E. W. Williamson	2	in
			Tubing or Casing
		Size of Packer	2" X 6-5/8
		Kind of Packer	
		1st Perf. Set	from
		2nd Perf. Set	from

DRILLER'S RECORD

Formation	Top	Bottom	Thickness	Remarks
Red Rock & Slate	0	150	150	
Sand & Slate	150	480	330	Water at 165 and 300.
Slate & Shells	480	600	120	
Sand	600	840	240	
Lime Shells	840	920	80	Water in Salt Sand at 930'.
Salt Sand	920	1500	580	
Slate	1500	1505	5	
Little Lime	1505	1535	30	
Pencil Cave	1535	1538	3	
Big Lime	1538	1725	187	
Big Injun	1725	1770	45	
Slate & Shells	1770	1990	220	
Slate	1990	2196	206	
Brown Shale	2196	2211	15	Small show of gas in Berea Sand.
Berea Sand	2211	2229	18	
Depth		2229		

9-27-20 R. P. 220.  
Volume 680241

06/26/2015

4301943P

WW4-A  
Revised  
2/01

1) Date: 4/17/2015  
2) Operator's Well No. 804133 P&A  
3) API Well No. 47-043-01943

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 Treassa F. Cecil  
Address P.O. Box 183  
Griffithsville, WV 25521  
(b) Name Deloris Lovejoy  
Address 1 First American Way  
Westlake, TX 76262  
(c) Name Lowel & Regeana Bias  
Address 5488 Straight Fork  
Griffithsville, WV 25521  
6) Inspector Ralph Triplett  
Address 5539 McClellan Highway  
Branchland, WV 25506  
Telephone 304-389-0350

5) Coal Operator  
(a) Name None  
Coal Owner(s) with Declaration  
(b) Name Pocahontas Land Corporation  
Address 800 Princeton Avenue  
P.O. Box 1517  
Bluefield, WV 24701  
Name Chesapeake Appalachia, L.L.C.  
Address Attention: Fred Jones  
P.O. Box 6070  
Charleston, WV 25362-0070  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
Coal Lessee with Declaration  
(c) Name None  
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: [Signature]  
Its: Completion Superintendent  
Address: P.O. Box 18496  
Oklahoma City, OK 73154-0496  
Telephone: 405-935-4073

Subscribed and sworn before me this 17th day of April the year of 2015  
Phyllis A. Copley Notary Public  
My Commission Expires September 16, 2018

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Office of Oil and Gas

APR 22 2015

06/26/2015

WV Department of  
Environmental Protection

Well 804133 P&A

API 47-043-01943P

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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	04/17/2015

Sent To: **804133 P&A**  
 Pocahontas Land Corporation  
 800 Princeton Avenue  
 P.O. Box 1517  
 Bluefield, WV 24701

PS Form 3800

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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 & Fees	\$	\$7.40	04/17/2015

Sent To: **804133 P&A**  
 Chesapeake Appalachia, L.L.C.  
 Attention: Fred Jones  
 P.O. Box 6070  
 Charleston, WV 25362-0070

PS Form 3800

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GRIFFITHSVILLE WV 25521

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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 & Fees	\$	\$7.40	04/17/2015

Sent To: **804133 P&A**  
 Lowell & Regeana Bias  
 5488 Straight Fork  
 Griffithsville, WV 25521

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ROANUKE TX 76262

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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 & Fees	\$	\$7.40	04/17/2015

Sent To: **804133 P&A**  
 Deloris Lovejoy  
 1 First American Way  
 Westlake, TX 76262

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GRIFFITHSVILLE WV 25521

**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	04/17/2015

Sent To: **804133 P&A**  
 Treassa F. Cecil  
 P.O. Box 183  
 Griffithsville, WV 25521

PS Form 3800

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 Office of Oil and Gas  
 APR 22 2015  
 WV Department of  
 Environmental Protection

06/26/2015



4301943 P

Form WW-9  
Rev. 02/01

API Number 47-043-01943  
Operator's Well No. 804133 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 Hager, WV 7.5'  
Elevation 780' County Lincoln District Duval

Description of anticipated Pit Waste: Plugging Returns/Cement

Will a synthetic liner be used in the pit? Yes

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*

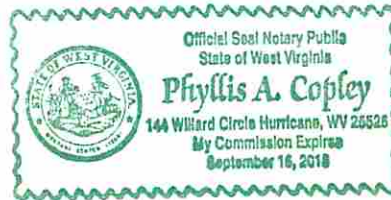
Company Official (Typed Name) Robert E. Schindler

Company Official Title Completions Superintendent

Subscribed and sworn before me this 17<sup>th</sup> day of April, 2015.

*Phyllis A. Copley* Notary Public.

My Commission Expires September 16, 2018



06/26/2015  
Received  
Office of Oil & Gas  
APR 29 2015

Attachment #1

API #: 47-043-01943  
 Operator's Well No. 804133 P&A

LEGEND

Property Boundary	Diversion
Road	Spring
Existing Fence	Wet Spot
Planned Fence	Drain Pipe with size in inches
Stream	Waterway
Open Ditch	Cross Drain
Rock	Artificial Filter Strip
North	Pit: cut walls
Buildings	Pit: compacted fill walls
Water wells	Area for Land Application of Pit Waste
Drill site	

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: Joseph D. Tripodi  
 Title: District Inspector  
 Date: April 27, 2015  
 Field Reviewed?  Yes  No

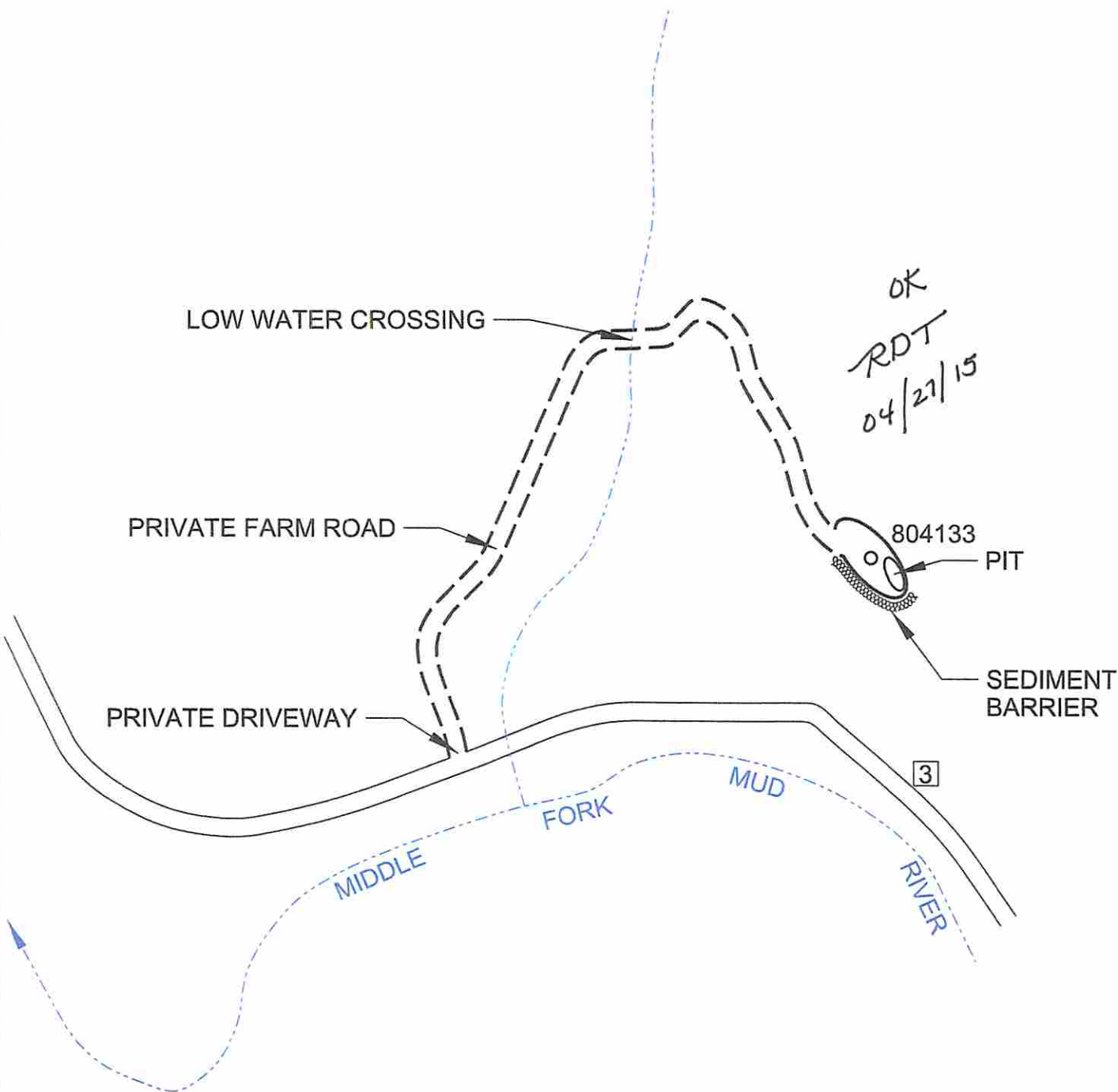
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 APR 29 2015

4301943P

# CHESAPEAKE APPALACHIA, L.L.C.

## RECLAMATION DIAGRAM WELL LOCATION 804133

API 47-043-01943



### 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 show 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.

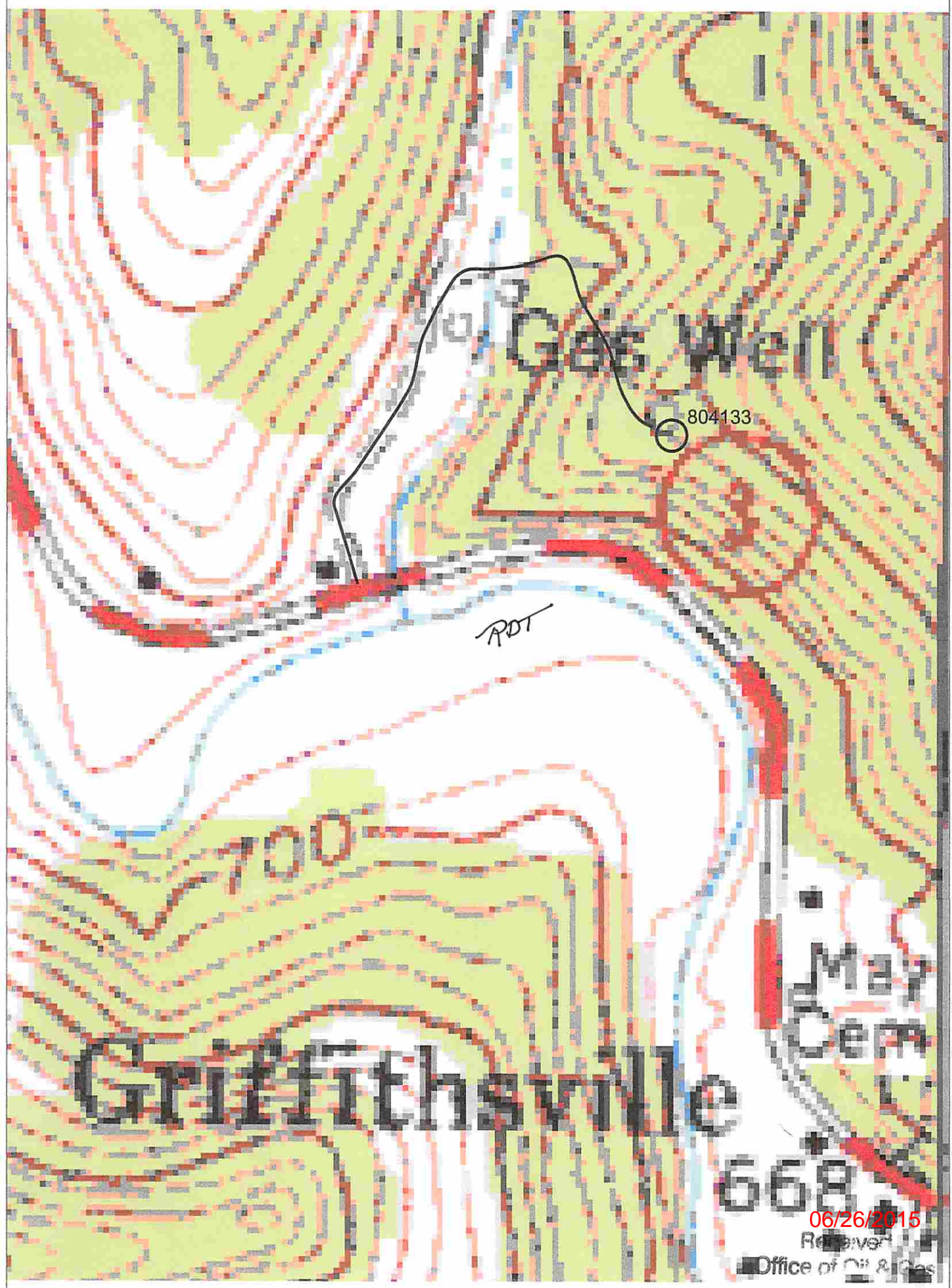
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Office of Oil & Gas  
APR 29 2015

4301943P

CHESAPEAKE APPALACHIA, L.L.C.

TOPOGRAPHICAL MAP OF ACCESS AND  
WELL LOCATION 804133

API 47-043-01943



May  
 668  
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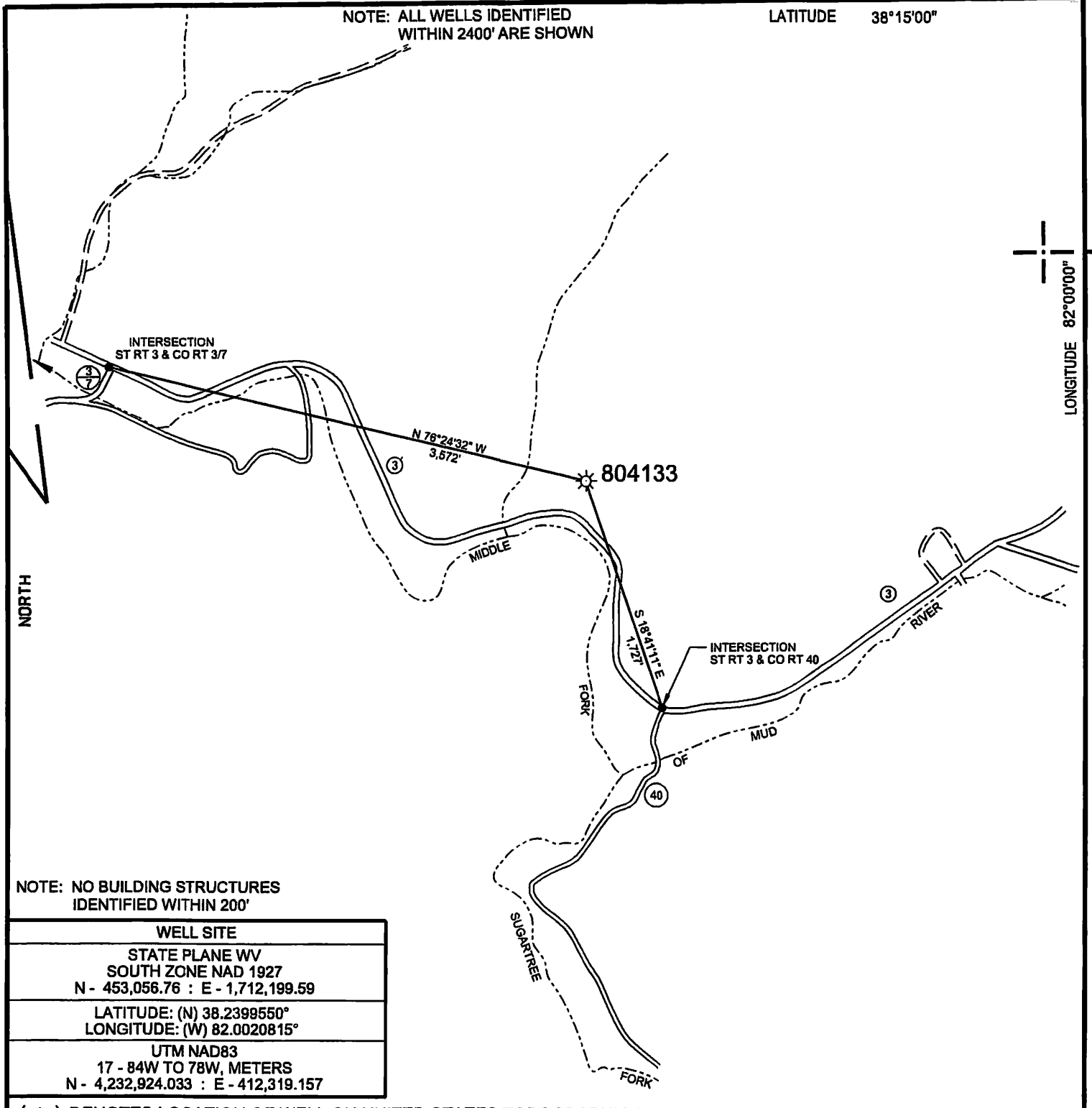
APR 29 2015

NOTE: ALL WELLS IDENTIFIED WITHIN 2400' ARE SHOWN

LATITUDE 38°15'00"

3,657'

LONGITUDE 82°00'00"



NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

WELL SITE	
STATE PLANE WV SOUTH ZONE NAD 1927 N - 453,056.76 : E - 1,712,199.59	
LATITUDE: (N) 38.2399550° LONGITUDE: (W) 82.0020815°	
UTM NAD83 17 - 84W TO 78W, METERS N - 4,232,924.033 : E - 412,319.157	

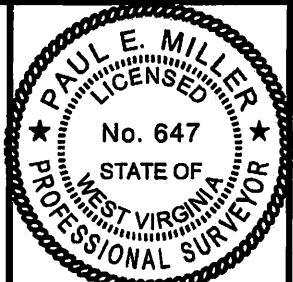
( + ) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO.	804133.DGN
DRAWING NO.	804133 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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT 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 MARCH 3, 2015  
OPERATOR'S WELL NO. 804133  
API WELL NO.

47 043 01943 P  
STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X

LOCATION: ELEVATION 780' WATER SHED MIDDLE FORK OF MUD RIVER  
DISTRICT DUVAL COUNTY LINCOLN  
QUADRANGLE HAGER, WV 7.5'

SURFACE OWNER TREASSA F. CECIL ACREAGE -  
OIL & GAS ROYALTY OWNER \_\_\_\_\_ LEASE ACREAGE \_\_\_\_\_  
LEASE NO. FEE OIL&GAS

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

FORM WV-6

COUNTY NAME PERMIT

06/26/2015

I  
now

Operator: CHESAPEAKE APPALACHIA, L.L.C.  
API: 4301943  
WELL No: 4133  
Reviewed by: G. W. M. Date: 6/18/15  
15 Day End of Comment: 04/27/15

\* Well is on an Agreed Order \*

**CHECKLIST FOR FILING A PERMIT**

**Plugging**

CK # 5254205  
\$100<sup>00</sup>

- WW-4B
- Inspector signature on WW-4B
- Completion / Well Records of Previous Work
- WW-4A (Notarized)
- Certified Mail Receipts, Waivers, or Affidavits of Personal Service
- Surface Owner Waiver
- Coal Owner / Lessee / Operator Waiver
- WW-9 (Page 1) (Notarized)
- Inspector Signature on WW-9 (Optional)
- Topographic Map of location of well
- WW-7

**OR**

- Mylar Plat (Surface owner on plat matches WW-4A)
- Bond
- Company is Registered with the SOS
- Worker's Compensation / Unemployment Insurance account is OK
- \$100.00 check (\$0.00 if no pit)