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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

May 23, 2014

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-10900099, issued to EQT PRODUCTION COMPANY, 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.

A blue ink signature of James Martin.

James Martin  
Chief

Operator's Well No: 013080 (RITTER 26)  
Farm Name: HEARTWOOD FORESTLAND FU  
**API Well Number: 47-10900099**  
**Permit Type: Plugging**  
Date Issued: 05/23/2014

# 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 within two years of the date of issuance of this permit.

10900099P

CK 17813

100<sup>00</sup>

Form WW-4 (B)  
Permit Copy  
(Rev 2/01)

Date: 5-6-14  
Operator's Well \_\_\_\_\_  
Well No. 013080 (Ritter Lumber #26)  
API Well No.: 47 109 - 00099

STATE OF WEST VIRGINIA  
DIVISION 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 \_\_\_\_\_ X Or Underground storage \_\_\_\_\_ Deep \_\_\_\_\_ Shallow X

5) Elevation: 1206' Watershed: Indian Creek  
Location: Baileysville 1 County: Wyoming Quadrangle: Baileysville 7.5' 228  
District: \_\_\_\_\_

6) Well Operator EQT Production Company 7) Designated Agent: Rex C. Ray  
120 Professional Place Address: 120 Professional Place  
Address: Bridgeport, WV 26330 Bridgeport, WV 26330

8) Oil & Gas Ross Eller 9) Plugging Contractor:  
Name: 121 Brierhill Drive Name: HydroCarbon Well Service  
Address: Beckley, WV 25801 Address: PO BOX 995  
Buckhannon, WV 26201

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

**See Attachment for details and procedures.**

OFFICE USE ONLY

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

Work order approved by inspector



Date 5/15/14

05/23/2014



## PLUGGING PROGNOSIS

**013080 Ritter Lumber # 26**

Wyoming County, West Virginia  
API # 47-109-00099

BY: Beau Fry  
DATE: 12/16/13

**CURRENT STATUS:**

13 3/8" csg @ 23'  
10 3/4" csg @ 561'  
8 5/8" csg @ 1068'  
7" csg @ 2444'  
3 1/2" tubing @ 3378' Perfed @ 3355' packer @ 2675'  
TD @ 3378'

Oil Shows – None Reported FW Shows – None reported Coal Shows – 226' – 229' Salt Sand Not Reported on record Gas shows – 3343'-3378' Berea gas show, 2075'-2155' Maxon gas show, 1297'-1381' Sand show.  
Elevation - 1216'

Stimulation: Not shot

GEL BOTTOM OF HOLE

1. Notify State Inspector, Ross Eller, 1-304-932-6844 48 hrs prior to commencing operations.
2. Try to pull tubing and packer @ 3378' if tubing and packer will not pull TIH w/ wireline @ 2675' and shoot off tubing and TOO H w/ tubing and check condition.
3. TIH w/ tubing @ 2675'; set 285' C1A cement plug @ 2675' to 2390'. ( Berea Show, packer, 7" csg pt).
4. TOO H w/ tubing @ 2390'; Gel hole @ 2390' to 2075'
5. TOO H w/ tubing, Free Point 7" csg, cut 7" csg @ free point, TOO H w/ 7" csg.
6. Set 100' C1A cement plug 50' IN/OUT of cut. Perf all 1<sup>st</sup> Salt Sand tops ,Gas, Oil ,Coal & FW shows below 7" cut and do not omit any plugs shown.
7. TIH w/ tubing @ 2075'; set 100' C1A cement plug @ 2075' to 1975'. ( Maxon gas show)
8. TOO H w/ tubing @ 1975'; Gel hole @ 1975' to 1297'.
9. TOO H w/ tubing @ 1297'; set 297' C1A cement plug @ 1297' to 1000'. ( 8 5/8" csg pt, Elevation plug, Sand gas show).
10. TOO H w/ tubing @ 1000'; Gel hole @ 1000' to 615'.
11. TOO H w/ tubing, Free Point 8 5/8" csg, cut 8 5/8" csg @ free point, TOO H w/ 8 5/8" csg.
12. Set 100' C1A cement plug 50' IN/OUT of cut. Perf all 1<sup>st</sup> Salt Sand tops ,Gas, Oil ,Coal & FW shows below 8 5/8" cut and do not omit any plugs shown.
13. TIH w/ tubing @ 615'; set 115' C1A cement plug @ 615' to 500'. ( WV Department of Environmental Protection)
14. TOO H w/ tubing @ 500'; Gel hole @ 500' to 300'.
15. TOO H w/ 2" tubing, Free Point 10 3/4" csg, cut 10 3/4" csg @ free point, TOO H w/ 10 3/4" csg.  
Set 100' C1A cement plug 50' IN/OUT of cut. Perf all 1<sup>st</sup> Salt Sand tops ,Gas, Oil, Coal, Elevation & FW shows below 10 3/4" cut and do not omit any plugs shown.
16. TIH w/ tubing @ 300'; set 300' C1A cement plug to surface. (1 Coal show, 13 3/8" csg pt).
17. Top off as needed.
18. Set Monument to WV – DEP Specifications
19. Reclaim Location & Roads to WV – DEP Specifications.

RECEIVED  
Office of Oil and Gas  
MAY 08 2014

05/23/2014

# Ritter Lumber #26

## WEST VIRGINIA DEPARTMENT OF MINES OIL & GAS DIVISION W E L L R E C O R D

Permit No. Nyo 99R  
Pinoville Quad.  
Company  
Address  
Farm  
Location  
Well No.  
District  
Surface  
Mineral

United Producing Company, Inc.  
Box 1913, Charleston 27, W. Va.  
W.M. Ritter Lumber Co. A 65,000  
Indian Creek  
26 Revised (1300) Elev. 2210'  
Baileysville Wyoming County

Gas Well  
CASING & TUBING

13 3/8	23	23
10 1/2	561	561
8 5/8	1060	1060
7 OD	2444	2444
3 1/2	3370	3370

W.M. Ritter Lumber Co.  
115 E. Rich St., Columbus, 15, Ohio  
Dec. 19, 1945  
April 22, 1946

Packer  
Depth 2675'  
Porf. top 3355'  
Coal 226' 36"

Commenced  
Completed  
Not shot  
Open flow  
Volume  
Rock Pressure  
Fresh Water

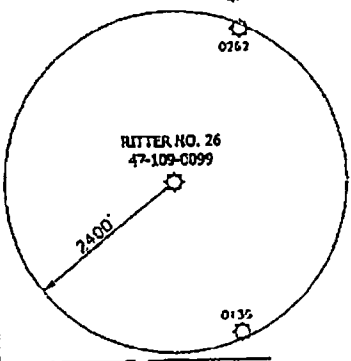
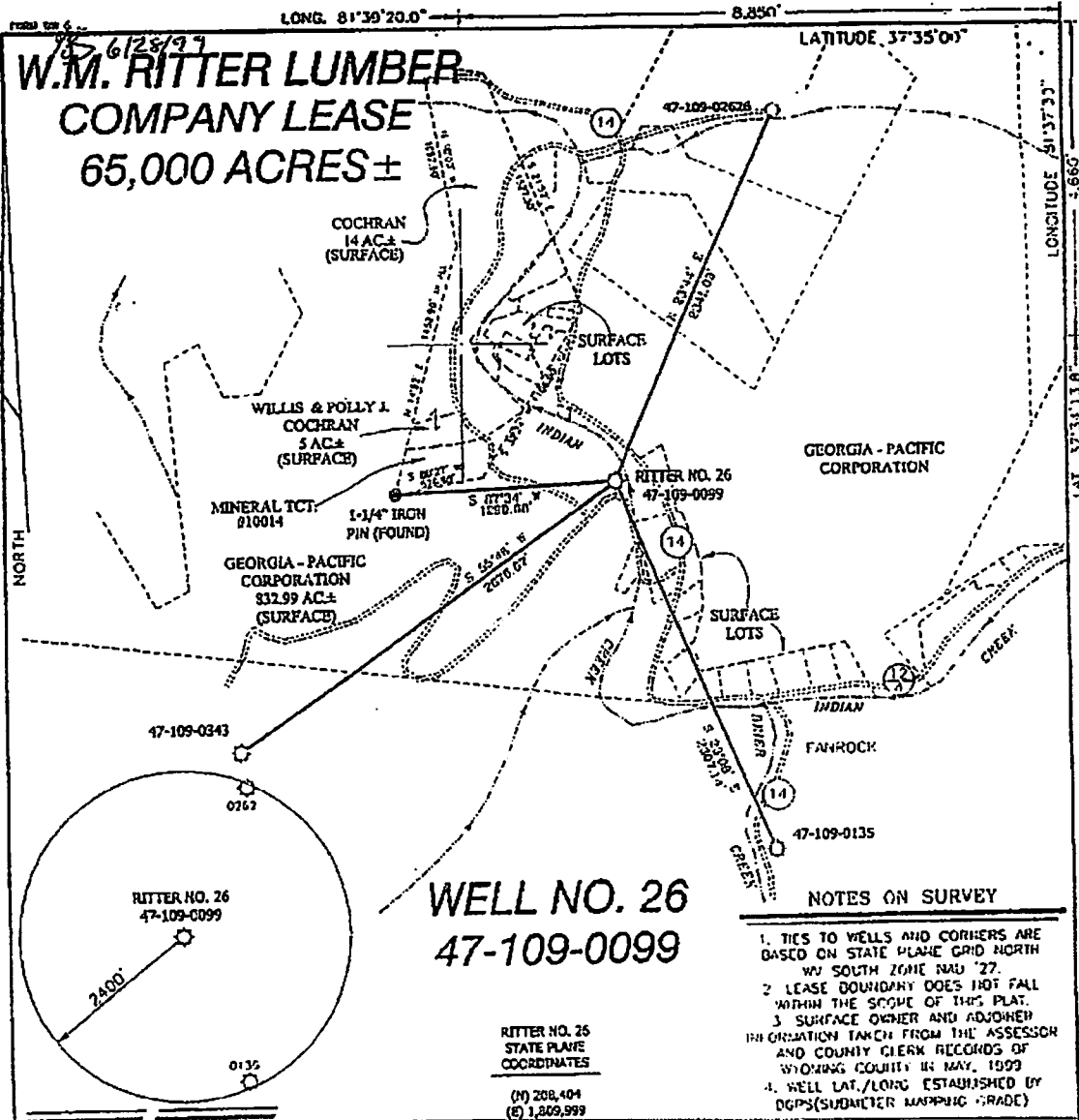
11/10ths N in 3"  
5,514,000 G.F.  
830 lbs. 24 hr.:  
50'

Clay	0	10
Sand	10	110
Limo	110	187
Slate	187	226
Coal	226	229
Lime	229	275
Sand	275	313
Slate	313	360
Limo	360	443
Slate	443	485
Limo	485	515
Slate	515	592
Limo	592	618
Sand	618	760
Slate & Shells	760	850
Limo	850	878
Slate Br	878	884
Limo	884	913
Ravoncliff Sand	913	1005
Slate & Shells	1005	1043
Limo	1043	1148
Slate	1148	1260
Limo	1260	1275
Slate	1275	1297
Sand	1297	1331
Slate	1331	1391
Limo	1391	1440
Red Rock	1440	1490
Limo Red	1490	1500
Sand	1500	1548
Slate	1548	1560
Red Rock & Shells	1560	1650
Limo	1650	1685
Red Rock	1685	1700
Limo	1700	1729
Slate	1729	1740
Limo	1740	1820
Red Rock	1820	1825
Slate & Shells	1825	1905
Red Rock	1905	1950
Limo	1950	1962
Slate & Shells	1962	2075
Maxon Sand	2075	2155
Slate & Shells	2155	2235
Limo Black	2235	2257
Slate & Shells	2257	2396
Big limo	2396	2740
Injun Sand	2740	2835
Sand	2835	2855
Slate & Shells	2855	3318
Shale Br	3318	3338
Limo Black	3338	3343
Berea Grit	3343	3378
TOTAL DEPTH		3370'

Gas 1337-1342 show

Gas 2105-2108 show

Gas 3354-3373' 5, 514 MCF (hi gauge)



**WELL NO. 26**  
**47-109-0099**

ITTER NO. 26  
STATE PLANE  
COORDINATES  
(N) 208,404  
(E) 1,809,999

- NOTES ON SURVEY**
1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAU 27.
  2. LEASE BOUNDARY DOES NOT FALL WITHIN THE SCOPE OF THIS PLAT.
  3. SURFACE OWNER AND ADJOINED INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WYOMING COUNTY IN MAY, 1999.
  4. WELL LAT./LONG. ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE)

**SLS**

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 ENERGY.

P.S. Gregory A. Smith  
677

**GREGORY A. SMITH**  
LICENSED  
No. 677  
STATE OF WEST VIRGINIA  
PROFESSIONAL SURVEYOR

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE MAY 17, 19 99  
OPERATOR'S WELL NO. ITTER NO. 26  
API WELL NO. 47-109-0099  
STATE FRAC COUNTY CANCELL

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 9999P26 (78-0) SCALE 1" = 800'  
PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEVATION 1216'

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

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP

LOCATION: ELEVATION 1216' WATERSHED INDIAN CREEK OF GUYANDOTT RIVER  
DISTRICT BAILEYSVILLE COUNTY WYOMING QUADRANGLE BAILEYSVILLE 7.5

SURFACE OWNER GEORGIA-PACIFIC CORPORATION ACREAGE 630.99  
ROYALTY OWNER GEORGIA-PACIFIC CORPORATION LEASE EXPENSE 05,000  
PROPOSED WORK: LEASE NO. 1102

DRILL  CONVERT  DRILL DEEPER  REDELL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) ABANDON BEREA AND RECOMPLETE RAVENCLIFF TARGET FORMATION RAVENCLIFF  
RECOMPLETE RAVENCLIFF ESTIMATED DEPTH 1250'

WELL OPERATOR BLAZER ENERGY CORPORATION DESIGNATED AGENT RICHARD SMELTZER  
ADDRESS P.O. BOX 2347 CHARLESTON, WV 25328 ADDRESS P.O. BOX 2347 CHARLESTON, WV 25328

**RECEIVED**  
**Office of Oil and Gas**  
**WV Department of Environmental Protection**  
**MAY 18 2014**  
Baileysville 6  
05/23/2014



1) Date: 5-6-14  
2) Operator's Well Number  
013080 (Ritter Lumber #26)  
3) API Well No.: 47 109 - 00099  
State County Permit

**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT**  
**DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS**  
**NOTICE AND APPLICATION TO PLUG AND ABANDON WELL**

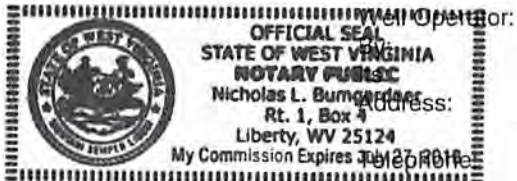
4) Surface Owner(s) to be served:  
(a) Name Heartwood Forestland Fund IV LP  
Address 19045 Stone Mountain Road ✓  
Abingdon, VA 24210  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Ross Eller  
Address 121 Brierhill Drive  
Beckley, WV 25801  
Telephone 304-932-6844

5) (a) Coal Operator:  
Name None  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name WPP LLC ✓  
5260 Irwin Road  
Address Huntington, WV 25705  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name S & M Energy  
Address P.O. Box 646 ✓  
Hanover, WV 24839  
Attn: Rush Morgan

**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 Division 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.



EQT Production Company  
Victoria J. Roark  
Permitting Supervisor  
PO Box 280  
Bridgeport, WV 26330  
(304) 848-0076  
RECEIVED  
Office of Oil and Gas

Subscribed and sworn before me this 5 day of MAY, 2014  
My Commission Expires 6/27/2018  
Notary Public

The Office of Oil & Gas processes your personal information, such as name, address and phone number, as 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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

10900099P

neopost  
05/05/2014  
FIRST-CLASS MAIL  
\$01.61<sup>0</sup>  
US POSTAGE  
ZIP 26330  
041L10228892

✓  
Ross Eller  
121 Brierhill Dr  
Beckley, WV 25801

**EQT**  
C/O Vicki Roark  
P.O. Box 280  
Bridgeport, WV 26330

05/23/2014



10900099P

USPS MAIL PERMIT NO. 1000  
\$07.40  
ZIP 26330  
041L1022689

neopost®  
05/03/2014  
US POSTAGE  
041L1022689

S & M Energy  
P.O. Box 646  
Hanover, WV 24839  
Attn: Rush Morgan  
Plugging 013080

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7013 2630 0001 4239 4595

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Return Receipt Fee (Endorsement Required)	
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Total Pr	

Sent To  
 Street, Apt or PO Box  
 City, State

**S & M Energy**  
**P.O. Box 646**  
**Hanover, WV 24839**  
**Attn: Rush Morgan**  
**Plugging 013080**

PS Form 3811, August 2009

**EQT**  
C/O Vicki Roark  
P.O. Box 280  
Bridgeport, WV 26330

PS Form 3811, July 2013  
 Domestic Return Receipt

2. Article Number  
 (Transfer from service label)  
 7013 2630 0001 4239 4595

1. Article Addressed to:  
 S & M Energy  
 P.O. Box 646  
 Hanover, WV 24839  
 Attn: Rush Morgan  
 Plugging 013080

3. Service Type  
 Certified Mail®  
 Registered  
 Return Receipt for Merchandise  
 Priority Mail Express™  
 Insured Mail  
 Collect on Delivery

4. Restricted Delivery? (Extra Fee)  
 Yes  
 No

D. Is delivery address different from item 1?  Yes  No  
 If YES, enter delivery address below:

B. Received by (Printed Name)  
 C. Date of Delivery

A. Signature  Agent  Addressee

**COMPLETE THIS SECTION ON DELIVERY**

**5. NDER: COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

**RECEIVED**  
Office of Oil and Gas  
MAY 08 2014  
WV Department of Environmental Protection

05/23/2014

POSTAGE WILL BE PAID BY ADDRESSEE  
**\$07.40**  
 05/23/2014  
 US POSTAGE  
 ZIP 26330  
 041110228882

10900099P

Heartwood Forestland Fund IV LP  
 19045 Stone Mountain Road  
 Abingdon, VA 24210  
 Plugging 013080

U.S. MAIL PERMIT NO. 1000 ABINGDON VA 24210



7013 2630 0001 4239 4571  
 7013 2630 0001 4239 4571

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Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
<b>Total P</b>	

Postmark Here

Sent To  
 Street, A or PO Box  
 City, State  
 Zip

**Heartwood Forestland Fund IV LP**  
**19045 Stone Mountain Road**  
**Abingdon, VA 24210**  
 Plugging 013080

PS Form 3800, August 2006 See Reverse for Instructions

**EQT**  
 C/O Vicki Roark  
 P.O. Box 280  
 Bridgeport, WV 26330

**SENDER: COMPLETE THIS SECTION**

1. Article Addressed to:  
 Attach this card to the back of the mailpiece, so that we can return the card to you.  
 Print your name and address on the reverse item 4 if Restricted Delivery is desired.  
 Complete items 1, 2, and 3. Also complete or on the front if space permits.

Heartwood Forestland Fund IV LP  
 19045 Stone Mountain Road  
 Abingdon, VA 24210  
 Plugging 013080

2. Article Number  
 (Transfer from service label)  
 7013 2630 0001 4239 4571

PS Form 3811, July 2013 Domestic Return Receipt

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  Addressee

B. Received by (Printed Name)  Date of Delivery

D. Is delivery address different from item 1?  Yes  No  
 If YES, enter delivery address below:

3. Service Type  
 Certified Mail®  
 Priority Mail Express™  
 Registered  
 Return Receipt for Merchandise  
 Insured Mail  
 Collect on Delivery

4. Restricted Delivery? (Extra Fee)  Yes  No

**RECEIVED**  
 Office of Oil and Gas  
 MAY 08 2014  
 WV Department of  
 Environmental Protection

05/23/2014



109 00099 P

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7013 2630 0001 4239 4588

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Postage	\$	
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Post		

Postmark Here

**WPP LLC**  
**5260 Irwin Road**  
**Huntington, WV 25705**  
 Plugging 013080

Sent To  
 Street, Apt  
 or PO Box  
 City, State

PS Form 3800, August 2006 See Reverse for Instructions

WPP LLC  
5260 Irwin Road  
Huntington, WV 25705  
Plugging 013080

**EQT**  
C/O Vicki Roark  
P.O. Box 280  
Bridgeport, WV 26330

**SENDER: COMPLETE THIS SECTION**

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  Addressee

B. Received by (Printed Name) \_\_\_\_\_  
 C. Date of Delivery \_\_\_\_\_

D. Is delivery address different from item 1?  Yes  No  
 If YES, enter delivery address below: \_\_\_\_\_

3. Service Type  
 Certified Mail®  Priority Mail Express™  
 Registered  Return Receipt for Merchandise  
 Insured Mail  Collect on Delivery

4. Restricted Delivery? (Extra Fee)  Yes  No

2. Article Number 7013 2630 0001 4239 4588  
 (Transfer from service label)

PS Form 3811, July 2013 Domestic Return Receipt

**RECEIVED**  
Office of Oil and Gas  
MAY 08 2014  
WV Department of  
Environmental Protection

WPP LLC  
5260 Irwin Road  
Huntington, WV 25705  
Plugging 013080

05/23/2014



2) Operator's Well Number  
**013080 (Ritter Lumber #26)**

3) API Well No.: 47 109 - 00099

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

Operator Name: EQT PRODUCTION COMPANY OP ID: \_\_\_\_\_

Watershed: Indian Creek Quadrangle: Baileysville 7.5'

Elevation: 1206' County: Wyoming District: Baileysville

Description of anticipated Pit Waste: Formation Fluids

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

Will synthetic liner be used in the pit? Yes Is so, what ml.? 10 ml 20ml

Proposed Disposal Method for Treated Pit Wastes:

- Land Application
- Underground Injection - UIC Permit Number \_\_\_\_\_
- Reuse (at API Number) \_\_\_\_\_
- Offsite Disposal Permit #. \_\_\_\_\_
- Other: Explain \_\_\_\_\_

Drilling medium anticipated for this well? Air, freshwater, oil based, etc. \_\_\_\_\_

If oil based, what type? Synthetic, petroleum, etc. \_\_\_\_\_

Additives to be used? \_\_\_\_\_

Will closed loop system be used? \_\_\_\_\_

Drill Cuttings disposal method? Leave in pit, landfill, remove offsite, etc. \_\_\_\_\_

If left in pit and plan to solidify what medium will be used? Cement, Lime, sawdust \_\_\_\_\_

Landfill or offsite name/permit number? \_\_\_\_\_

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Division of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any terms or condition of the 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.

RECEIVED  
Office of Oil and Gas  
MAY 8 2014  
WV Department of  
Environmental Protection

Company Official Signature *Victoria Roark*

Company Official (Typed or Printed) Victoria Roark

Company Official Title Permitting Supervisor-WV

Subscribed and sworn before me this 5 day of MAY, 2014


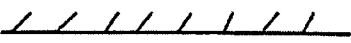

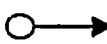










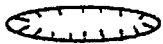
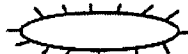

My Commission Expires 6/27/2018



05/23/2014

**OPERATOR'S WELL NO.:**  
**013080 (Ritter Lumber #26)**

**LEGEND**

Property Boundary 	Diversion 
Road 	Spring 
Planned Fence 	Drain Pipe with size in inches 
Existing Fence 	Stream 
Open Ditch 	Artificial Filter Strip 
North 	Building 
	Water well 
	Drill site 
Pit with Cut Walls 	Pit with Compacted Walls 
	Area of Land Application of Pit Waste 

Proposed Revegetation Treatment: Acres Disturbed: 1± Prevegetation pH 5.8

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 2 Tons/acre or hydroseed.

**SEED MIXTURES**

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
KY-31	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.  
Photocopies section of involved 7.5' topographic sheet.

Plan approved by: 

Comments: \_\_\_\_\_

Title: WADSWORTH DISTRICT Date: 5/15/14  
Field Reviewed? Yes  No



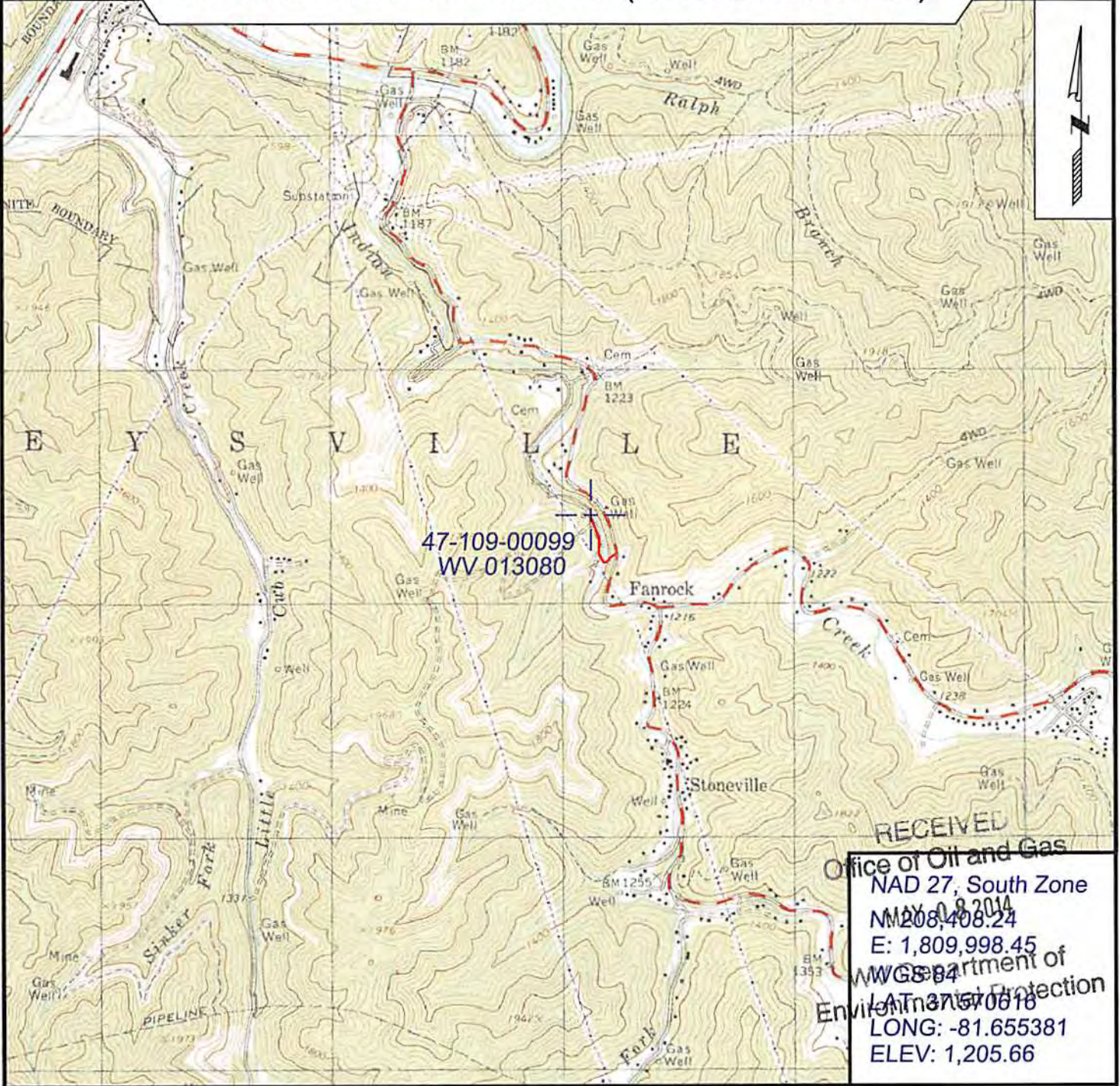
Topo Quad: Baileysville 7.5' Scale: 1" = 2000'

County: Wyoming Date: April 11, 2014

District: Baileysville Project No: 22-22-00-08

47-109-00099 WV 013080 (Ritter Lumber #26)

Topo



RECEIVED  
 Office of Oil and Gas  
 NAD 27, South Zone  
 MAY 08 2014  
 N: 208,408.24  
 E: 1,809,998.45  
 WVGS84  
 Department of  
 Environmental Protection  
 AT 31570616  
 LONG: -81.655381  
 ELEV: 1,205.66



SURVEYING AND MAPPING SERVICES PERFORMED BY:  
**ALLEGHENY SURVEYS, INC.**

1-800-482-8606  
 237 Birch River Road  
 Birch River, WV 26610  
 PH: (304) 649-8606  
 FAX: (304) 649-8608

PREPARED FOR:

**EQT Production Company**

P.O. Box 280  
 Bridgeport, WV 26330







### POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY  
LEASE NAME AND WELL No. Ritter Lumber #26 WV 013080 (47-109-00099)

The initial mapping review of the area surrounding the proposed well site revealed the below listed surface owner(s) that were potentially utilizing groundwater (potable) for Human Consumption or other purposes within 1000' of the existing well site. The following landowners will be notified of the opportunity to request a water sample.

\*Please note that the following information is subject to change upon field inspection.

#### POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 970' +/- Owner: Inez Rose Heirs  
Address: 101 Holliday Dr, Beckley WV 25801

Phone No. \_\_\_\_\_

Comments:

Site: 2 Spacing: 795 +/- Owner: Anna Rose  
Address: PO Box 67 Fanrock WV 24834

Phone No. \_\_\_\_\_

Comments:

Site: 3 Spacing: 890 +/- Owner: Harry Stafford Heirs  
Address: PO Box 1248 Pineville WV 24874

Phone No. \_\_\_\_\_

Comments:

Site: 4 Spacing: 860 +/- Owner: Harry Stafford Heirs  
Address: PO Box 1248 Pineville WV 24874

Phone No. \_\_\_\_\_

Comments:

Site: 5 Spacing: 260 +/- Owner: Kevin & Angela Hatfield  
Address: PO Box 1055 Pineville WV 24874

Phone No. \_\_\_\_\_

Comments:

Site: 6 Spacing: 740 +/- Owner: Angela Roberts  
Address: PO Box 1003 Pineville WV 24874

Phone No. \_\_\_\_\_

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MAY 08 2014

WV Department of  
Environmental Protection

**BIRCH RIVER OFFICE**  
237 Birch River Road  
Birch River, WV 26610  
phone: 304-649-8606  
fax: 304-649-8608

**BRIDGEPORT OFFICE**  
172 Thompson Drive  
Bridgeport, WV 26330  
phone: 304-848-5035  
fax: 304-848-5037

**CALDWELL OFFICE**  
212 Cumberland Street  
Caldwell, OH 43724  
phone: 740-305-5007  
fax: 740-305-5126

**ALUM CREEK OFFICE**  
P.O. Box 108 • 1413 Childress Road  
Alum Creek, WV 25003  
phone: 304-756-2949  
fax: 304-756-2948

Comments:

Site: 7 Spacing: 890 +/- Owner: Tamara Smith

Address: PO Box 1035 Pineville WV 24874

Phone No. \_\_\_\_\_

Comments:

Site: 8 Spacing: 940 +/- Owner: Heartwood Forestland Fund IV LP

Address: Stone Mountain RD Abingdon VA 24210

Phone No. \_\_\_\_\_

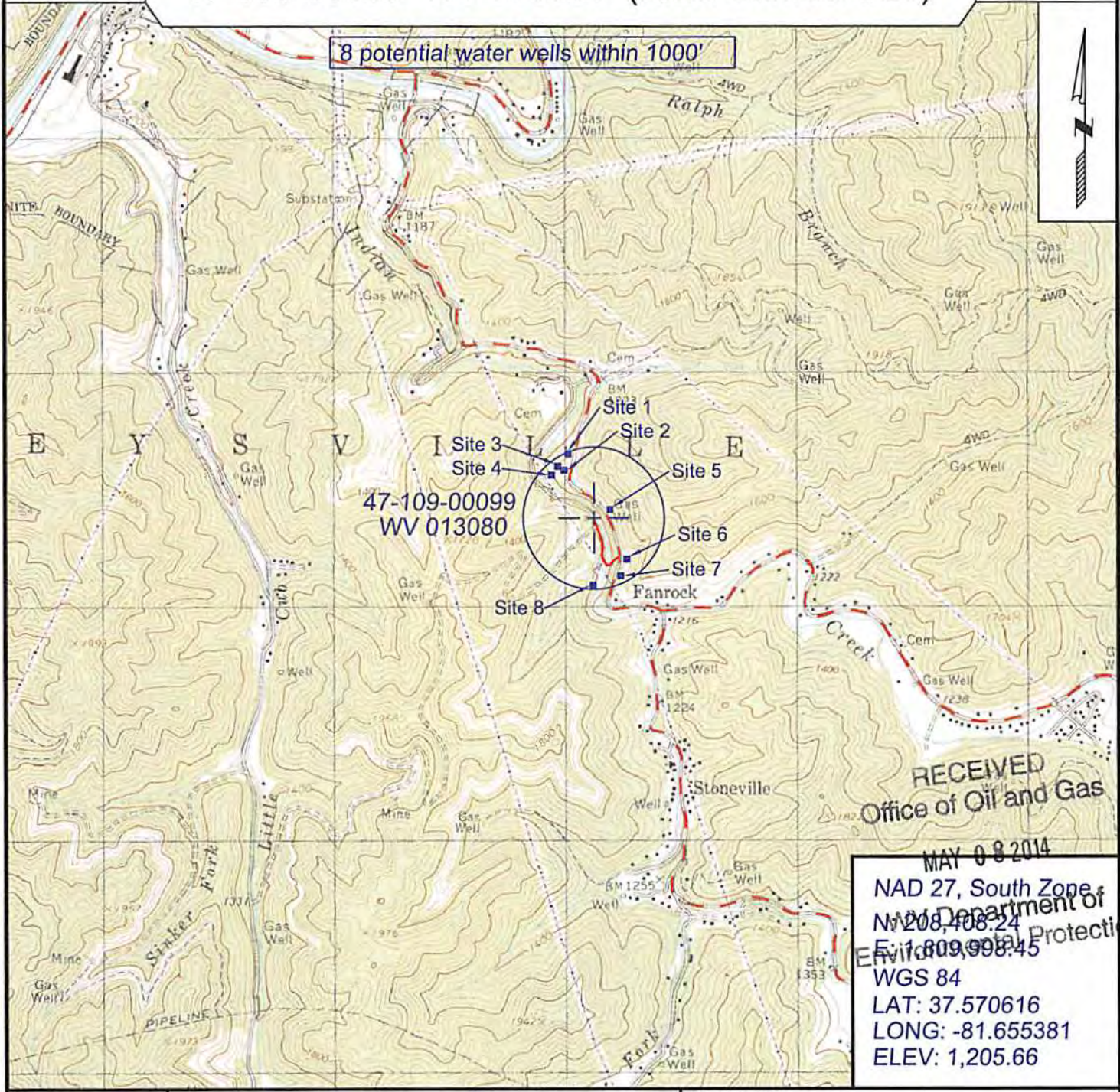
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 District: Baileysville Project No: 22-22-00-08

**Water** **47-109-00099 WV 013080 (Ritter Lumber #26)**



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NAD 27, South Zone  
WGS 84  
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LAT: 37.570616  
LONG: -81.655381  
ELEV: 1,205.66



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