



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

May 23, 2014

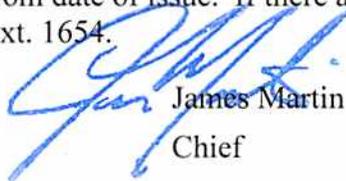
WELL WORK PLUGGING PERMIT

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.



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

Promoting a healthy environment.

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

10900099P

CK 17813

100⁰⁰

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

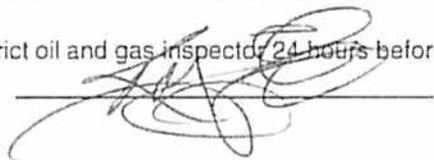
10) Work Order: The work order for the manner of plugging this well is as follows:

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

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 1st 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 1st 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 1st 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

WV Department of
Environmental Protection

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

Commenced
Completed
Net shot
Open flow
Volume
Rock Pressure
Fresh Water

United Producing Company, Inc.
Box 1913, Charleston 27, W. Va.
W.M. Ritter Lumber Co. A 65,000
Indian Creek
26 Revised (1308) Elev. 2210'
Baileysville Wyoming County

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

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

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	3378	3378

Packer
Depth 2675'
Porf. top 3355'

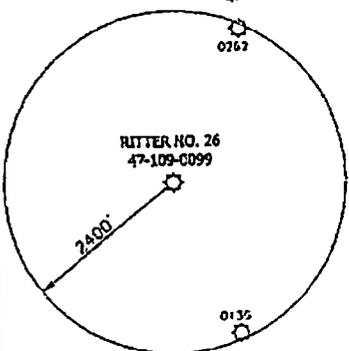
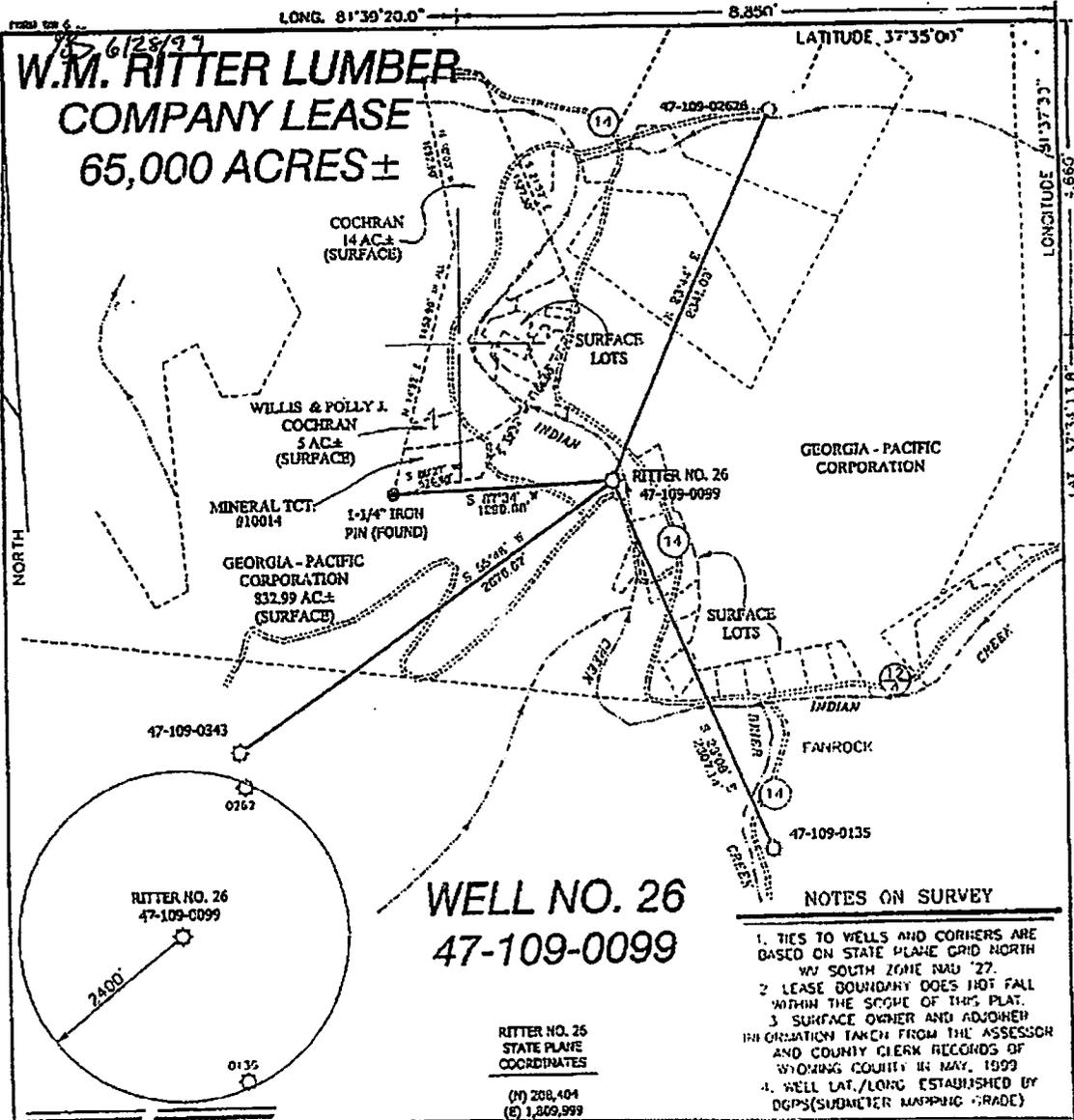
Coal 226' 36"

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
Lime	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	3310
Shale Br	3310	3330
Limo Black	3330	3343
Berea Grit	3343	3378
TOTAL DEPTH		3378'

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
NO. FRAC STATE COUNTY RECEIVED

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 MAY 18 2014

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 632.99
ROYALTY OWNER GEORGIA-PACIFIC CORPORATION LEASE EXPENSE 05,000 LEASE NO. 1152
PROPOSED WORK: 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 ESTIMATED DEPTH 1250'

WELL OPERATOR BLAZER ENERGY CORPORATION DESIGNATED AGENT RICHARD SMELTZER
ADDRESS P.O. BOX 2347 CHARLESTON, WV 25325 ADDRESS P.O. BOX 2347 CHARLESTON, WV 25328

Baileysville 6

- 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

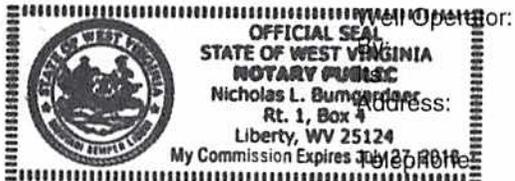
Name _____
 Address _____

(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.



Well Operator: 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

WV Department of Environmental Protection

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.

10960099P

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

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

✓
Ross Eller
121 Brierhill Dr
Beckley, WV 25801

109 00099P

FIRST CLASS MAIL
\$07.40
05/05/2014
US POSTAGE
ZIP 26330
04111022889

CERTIFIED MAIL™



7013 2630 0001 4239 4595
7013 2630 0001 4239 4595

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage \$		Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
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

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

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

3. Service Type
 Certified Mail®
 Registered
 Insured Mail
 Return Receipt for Merchandise
 Priority Mail Express™
 Restricted Delivery? (Extra Fee)
 Yes
 No

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

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

5. NDER: COMPLETE THIS SECTION

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent

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

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

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

FIRST-CLASS MAIL
 neopost®
 05/05/2014
 \$07.40
 US POSTAGE
 ZIP 26330
 041L10228892

10900099P



7013 2630 0001 4239 4571
 7013 2630 0001 4239 4571

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

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

Postmark Here

Sent To
 Street, A or PO Box
 City, State

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

PS Form 3800, August 2006 See Reverse for Instructions

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

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.
 Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
 or on the front if space permits.

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

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

PS Form 3811, July 2013 Domestic Return Receipt

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

109 00099 F

FIRST CLASS MAIL
neopost®
05/05/2014
\$07.40
US POSTAGE
ZIP 26330
0411.10228892

CERTIFIED MAIL™



7013 2630 0001 4239 4588
7013 2630 0001 4239 4588

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

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

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

WPP LLC
5260 Irwin Road
Huntington, WV 25705
Plugging 013080

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

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 08 2014
WV Department of
Environmental Protection

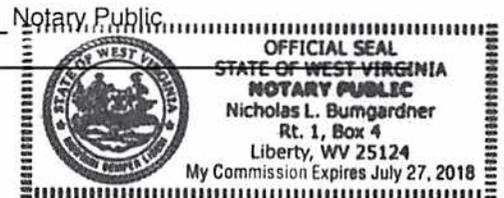
Company Official Signature *Victoria Roark*

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



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	
Pit with Cut Walls		Water well	
			Drill site
			Rock
			Wet Spot
			Water Way
			Cross Drain

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: WIDER DITCH DISTURBED Date: 5/15/14
 Field Reviewed? Yes No

Topo Quad: Baileysville 7.5'

Scale: 1" = 2000'

County: Wyoming

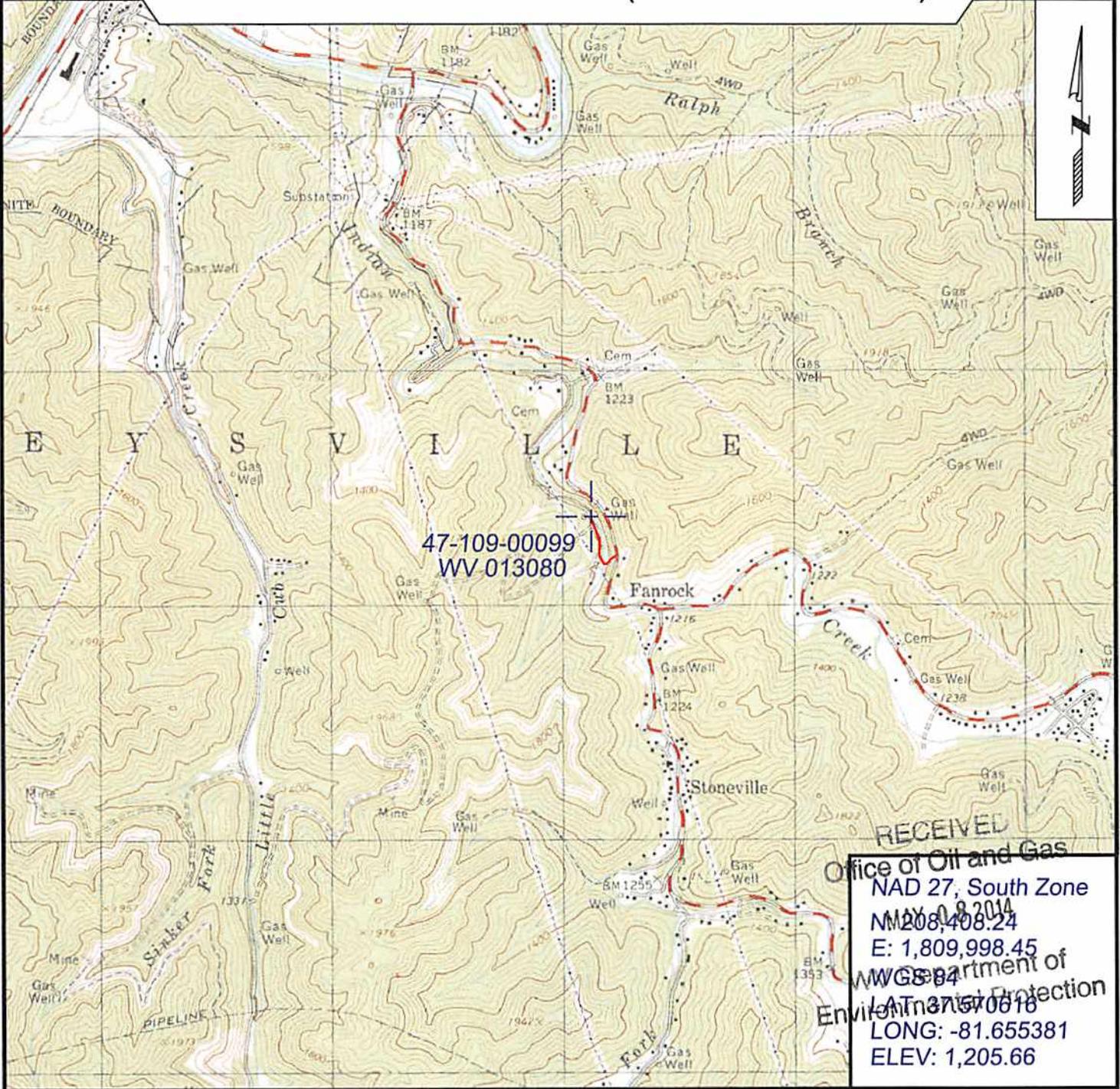
Date: April 11, 2014

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
 WGS84
 Department of
 Environmental Protection
 AT 311570616
 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

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-109-00099 WELL NO.: WV 013080 (Ritter Lumber #26)
FARM NAME: Georgia Pacific Corp
RESPONSIBLE PARTY NAME: EQT Production Company
COUNTY: Wyoming DISTRICT: Baileysville
QUADRANGLE: Baileysville 7.5'
SURFACE OWNER: Heartwood Forestland Fund IV, LP
ROYALTY OWNER: Plum Creek Timberlands, LP, et al.
UTM GPS NORTHING: 4158378
UTM GPS EASTING: 442125 GPS ELEVATION: 367 m (1206 ft)

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

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:
Survey grade GPS ____: Post Processed Differential ____
Real-Time Differential ____
Mapping Grade GPS X: Post Processed Differential X
Real-Time Differential ____

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

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

Steve O'Brien
Signature

PS # 2180
Title

4/29/14
Date

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



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. _____

RECEIVED
Office of Oil and Gas
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

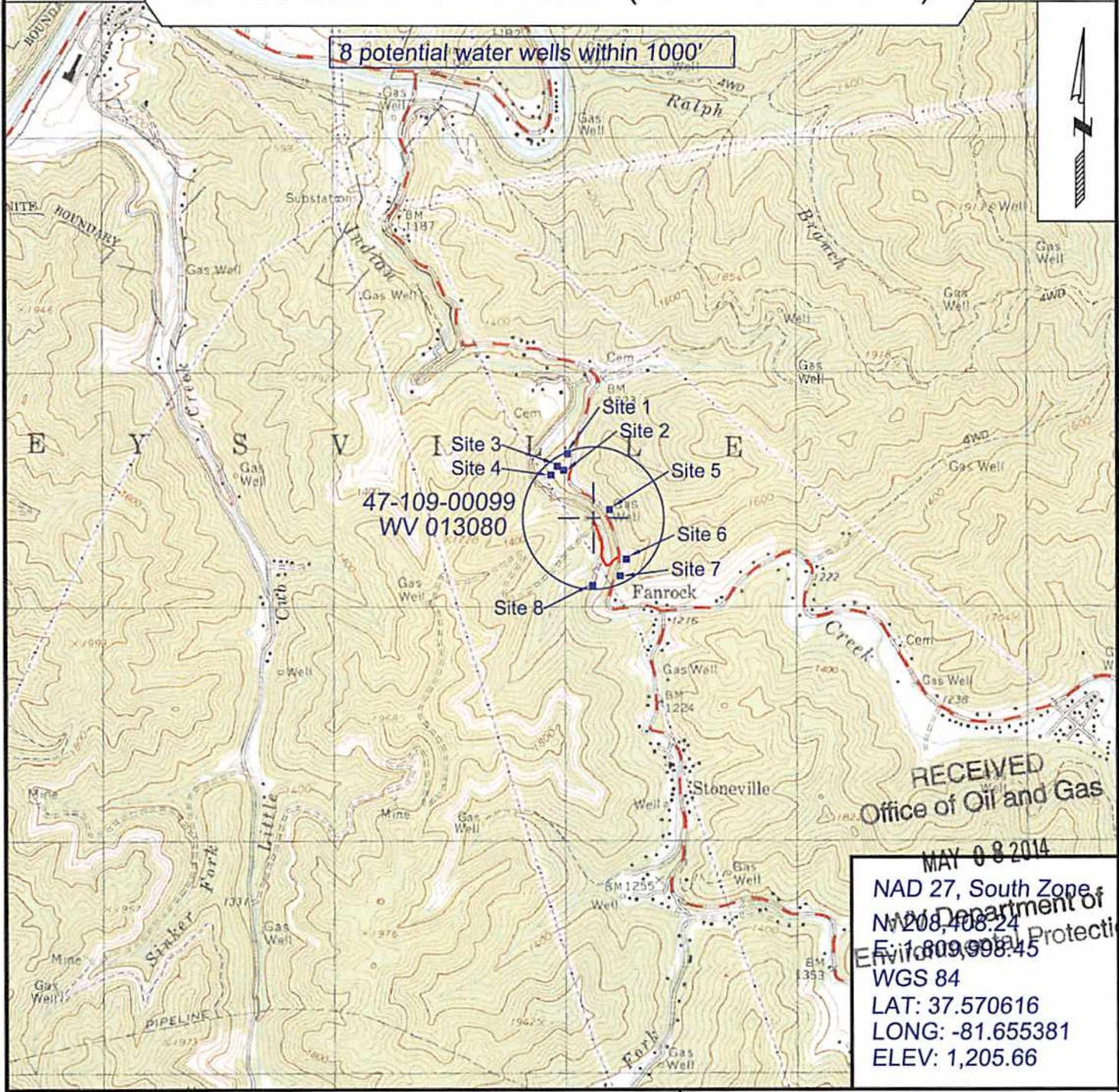
Phone No. _____

Comments:

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

Topo Quad: Baileysville 7.5' Scale: 1" = 2000'
 County: Wyoming Date: April 11, 2014
 District: Baileysville Project No: 22-22-00-08

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



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