



**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

November 25, 2014

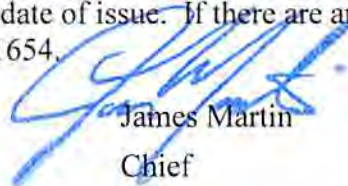
**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-2100697, 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: 1619  
Farm Name: DESPARD HEIRS  
**API Well Number: 47-2100697**  
**Permit Type: Plugging**  
Date Issued: 11/25/2014

**Promoting a healthy environment.**

**11/28/2014**

## 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.

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

Date: September 24, 2014  
Operator's Well  
Well No. 656361 (Despard #1619)  
API Well No.: 47 021 - 00697

**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:   864   Watershed:   Slab Camp Run of Right Fork of Steer Creek of Little Kanawha River    
Location:              Center   County:              Gilmer   Quadrangle:              Normantown 7.5'    
District:
- 6) Well Operator              EQT Production Company    
Address:              120 Professional Place    
             Bridgeport, WV 26330
- 7) Designated Agent:              Rex C. Ray    
Address:              120 Professional Place    
             Bridgeport, WV 26330
- 8) Oil & Gas              Bryan Harris    
Name:              P.O. Box 157    
Address:              Voiga, WV 26238
- 9) Plugging Contractor:  
Name:              HydroCarbon Well Service    
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              Deyon D. Harris   Date              10-31-14

## PLUGGING PROGNOSIS - Weston

**Despard Hrs. #1619 (656361)**

GILMER, COUNTY, WEST VIRGINIA

API # 47-021-00697

Center District

BY: Craig Duckworth

DATE: 10/01/14

**CURRENT STATUS:**

10" csg @ 184'  
 8 1/4" csg @ 1085' (Packer @ 1085')  
 3" tbg @ 1417' (Packer @ 1372')

**TD @ 1417'****Fresh Water @ 31' ; 94'****Salt Water @ None reported****1<sup>st</sup> Salt Sand @ 1058'****Coal @ None reported**

**Gas shows @ 335' Sand ; 396' Sand ; 517' Little Dunkard ; 621' Sand ; 715' Big Dunkard ; 1235'-1238'  
 3<sup>rd</sup> Salt Sand ; 1384'- 1387 4<sup>th</sup> Salt Sand ; 1394'-1400' 4<sup>th</sup> Salt Sand**

**Oil Shows @ None reported****Stimulation: Perf. @ top 1392' bottom 1415'****Elevation @ 860'**

1. Notify State Inspector, **Bryan Harris 304-553-6087**, 24 hrs. Prior to commencing operations.
2. Attempt to pull 3" & packer (1372'). If unable to pull 3" cut at top of packer @ 1372' and pull 3"
3. TIH w/ tbg @ 1417'; Set 232' C1A Cement Plug @ 1417' to 1185' ( gas shows @ 1400'-1394' ; 1387'-1384' ; 1238'-1235')
4. TOOH w/ tbg @ 1185'; gel hole @ 1185' to 1100'.
5. TOOH w/ tbg, Free Point 8 1/4", cut 8 1/4" @ free point, TOOH w/ 8 1/4" csg
6. TIH w/ tbg @ 1100'; Set 142' C1A Cement Plug @ 1100' to 958'(8 1/4" cag @ 1085' & 1<sup>st</sup> Salt Sand 1058')
7. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 8 1/4" cut. Do not omit any plugs
8. TOOH w/ tbg @ 958; gel hole @ 958' to 715''
9. TOOH w/ tbg @ 715'; Set 415' C1A Cement Plug @ 715'to 300'(Gas Shows @ 715' 621' 517' 396' 335')
10. TOOH w/ tbg @ 300; gel hole @ 300' to 200
11. TOOH w/ tbg @ 200'; Set 200' C1A Cement Plug @ 200'to 0'( 184' 10" csg set & Surface )
12. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 10" cut. Do not omit any plugs
13. Top off as needed
14. Set Monument to WV-DEP Specifications
15. Reclaim Location & Road to WV-DEP Specifications

Received

OCT 16 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

11/28/2014

APL # 41-021-00071  
Glenville Quad.

636361

2100697P

Company  
Address  
Farm  
Location  
Well No  
District  
Surface  
Mineral  
Commenced  
Completed  
Volume  
Rock Pressure  
Fresh Water

Carnegie Natural Gas Company  
1015 Frick Bldg., Pittsburgh, Pa.  
Despard Hoirs Acres 1000  
Slab Camp Run  
7- 1619 Elev. 860'  
Center Gilmer County  
N.E. Richards, Parkins, W.Va.  
See reverse side  
May 2, 1945  
July 17, 1945  
1, 565,000 C.F.  
572 lbs. 72 hrs.  
31'; 94'

10 184 184  
8 1/2 1085 1085  
3 1417 1417  
Bottom Hole Packer  
Size 8 1/2 x 10"  
Depth 1085  
Anchor Packer  
Size 3 x 8 1/2  
Depth 1372  
Perf. top 1392  
" bot 1415

Gravel	Gr	S	0	21	
Quick Sand		S	21	26	
Blue Rock		H	26	45	
Red Rock		S	45	65	
Blue Rock		H	65	80	
Red Rock		S	80	85	
Slate	Wh	H	85	93	
Lime	Wh	H	93	99	
Red Rock		S	99	116	
Limo		H	116	122	
Slate Shls.	Red	H	122	137	
Sand	Wh	H	137	165	
Slate		S	165	200	
Red Rock		S	200	220	
Slate Shls.		M	220	320	
Sand	Wh	H	320	350	Gas show 335
Slate Shls.	Wh	S	350	385	
Sand	Wh	H	385	405	Gas show 396
Slate Shls.	Wh	M	405	455	
Sand-L. Dunk.	Wh	H	455	555	Gas show 517
Slate	Wh	S	555	580	
Sand	Wh	H	580	624	Gas show 621
Slate	Dk	S	624	690	
Sand, B. Dunk	Wh	H	690	735	Gas show 715'
Slate	Dk	S	735	750	
Sand	Wh	H	750	790	
Slate Shls.	Dk	S	790	900	
Sand, Gas	Wh	H	900	915	
Slate Shls.	Wh	S	915	923	
Lime	Dk	H	923	938	
Slate Shls.	Dk	S	938	1060	
1st Salt Sand	Wh	H	1060	1110	
Slate-Limo	Dk	M	1110	1180	
2nd Salt Sand	Wh	H	1180	1200	
Slate	Dk	S	1200	1215	
3rd Salt Sand	Wh	H	1215	1262	Gas 1235-38'
Slate Shls.	Dk	M	1262	1365	Gas 1384-87'
Sand-4th Salt	Lt	H	1365		1394-1400'
TOTAL DEPTH				1417	1400-1410'

Received

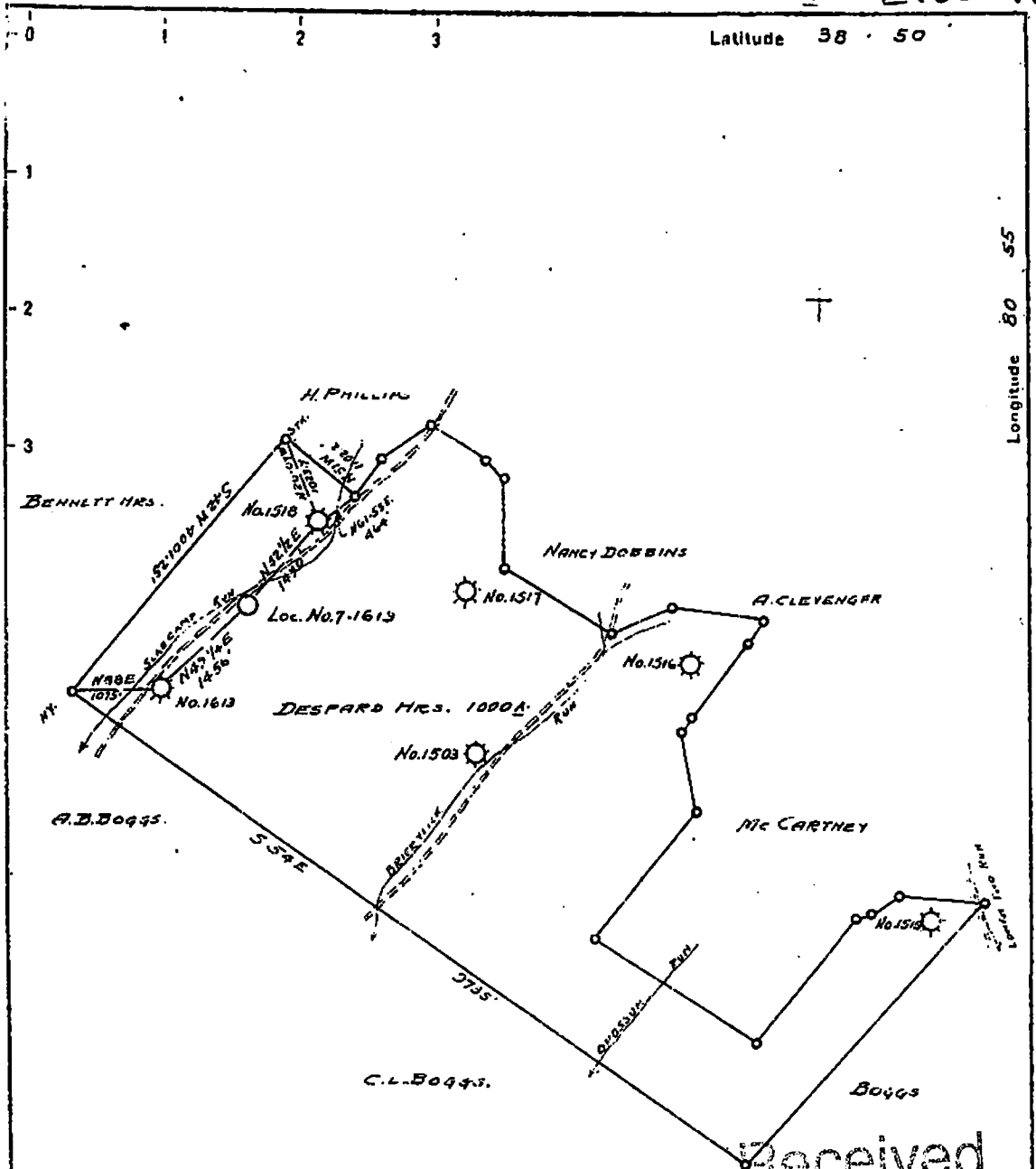
OCT 16 2014

OWNERS OF MINERAL RIGHTS:  
C.S. Despard, Parkersburg, W.Va.  
George L. Duncan, Clarksburg, W.Va.  
ATTORNEY-IN-FACT for:  
Mary Dukey Welch  
Maude Duncan  
George L. Doeman  
Edith M. Doeman  
Rowland Doeman  
Glorian Doeman

Office of Oil and Gas  
WV Dept. of Environmental Protection

11/28/2014

2100697A



Received

OCT 16 2014

New Location. X  
 Drill Deeper  
 Abandonment

Office of Oil and Gas  
 WV Dept. of Environmental Protection

Company CARNEGIE NATURAL GAS CO.  
 Address PITTSBURGH, PA.  
 Farm DESPARD HRS.  
 Tract          Acres 1000 Lease No. E-15369-19  
 Well (Farm) No. 7 Serial No. 1619  
 Elevation (Spirit Level) 860'  
 Quadrangle GLENVILLE S.W.  
 County GILMER District CENTER  
 Engineer D.T. BRITTON  
 Engineer's Registration No.           
 File No.          Drawing No.           
 Date 2-14-45 Scale 1"=1600'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP  
 FILE NO. G11-697

+ Denotes location of well United States Topographic Maps, scale 1 to 62,500. latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing

19810  
 11/28/2014

WW-4-A  
Revised 6/07

1) Date: September 24, 2014  
2) Operator's Well Number  
656361 (Despard #1619)  
3) API Well No.: 47 021 - 00697  
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 Coastal Forest Resources Co  
Address Ed Kraynok  
P.O. Box 709  
Buckhannon, WV 26201  
(b) Name Bobby L & Ann M Persinger  
Address 4328 Chestnut Lick Road  
Normantown, WV 25267-7031  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Bryan Harris  
Address P.O. Box 157  
Volga, WV 26238  
Telephone 304.553.6087

5) (a) Coal Operator:  
Name None  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name Louise R Marthens  
4550 N Park Ave Apt 705  
Address Chevy Chase MD 20815-7237  
Name SEE ATTACHED  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
Received  
OCT 16 2014

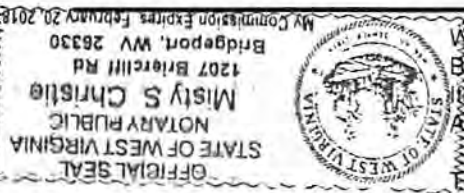
**TO THE PERSONS NAMED ABOVE:**

You should have received this Form and the following documents: Office of Oil and Gas  
WV Dept. of Environmental Protection

- (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:  
By: \_\_\_\_\_  
Is: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone: \_\_\_\_\_

EQT Production Company  
Victoria J. Roark  
Permitting Supervisor  
PO Box 280  
Bridgeport, WV 26330  
(304) 848-0076

Subscribed and sworn before me this 15th day of October, 2014  
Misty S. Christie Notary Public  
My Commission Expires: 2/20/18

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.

WW2-A

**Additional Coal Owners:**

Rebecca A Jarvis ✓  
Rt 1 Box 258F  
Clarksburg, WV 26301-9741

Trustees of Trinity Episcopal Church  
C/O United Bank Advisory Account  
Attn: Trust Operations ✓  
P.O. Box 1508  
Parkersburg, WV 26102-1508

Trustees of the Episcopal Diocese of West Virginia ✓  
C/O United Bank Trust Operations  
P.O. Box 1508  
Parkersburg, WV 26102-1508

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Office of Oil and Gas  
WV Dept. of Environmental Protection



2100697P

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04111022889



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Restricted Delivery Fee (Endorsement Required)		
Total Postage	Coastal Forest Resources Co. Ed Kraynok	
Sent To	P. O. Box 709	
Street & No. or PO Box	Buckhannon, WV 26201	
City, State		

PS Form 3800, July 2014 See Reverse for Instructions

Received

OCT 16 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

**SENDER: COMPLETE THIS SECTION**

1. Article Addressed to:  
Coastal Forest Resources Co.  
Ed Kraynok  
P. O. Box 709  
Buckhannon, WV 26201  
PS Form 3811, July 2013

2. Article Number  
(Transfer from service label)  
7014 1820 0001 2406 8295  
PS Form 3811, July 2013

3. Service Type  
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4. Restricted Delivery? (Extra Fee)  
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 No

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

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

7. A. Signature  
X  
B. Received by (Printed Name)  
C. Date of Delivery

8. A. Signature  
 Agent  
 Address

**COMPLETE THIS SECTION ON DELIVERY**

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

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

11/28/2014

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 Return Receipt Fee (Endorsement Required) \_\_\_\_\_  
 Restricted Delivery Fee (Endorsement Required) \_\_\_\_\_  
 Total Post \_\_\_\_\_

Sent to Bobby L. & Ann M. Persinger  
 4328 Chestnut Lick Road  
 Normantown, WV 25267-7031

Street & Zip or PO Box | City, State, | Zip 556361

PS Form 3811, July 2013

Received  
OCT 16 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

**SENDER: COMPLETE THIS SECTION**

1. Article Addressed to: Bobby L. & Ann M. Persinger  
 4328 Chestnut Lick Road  
 Normantown, WV 25267-7031  
 Plug 656361

2. Article Number: 7014 1620 0001 2406 8301  
 (Transfer from service label)  
 PS Form 3811, July 2013

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

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature: \_\_\_\_\_  
 Agent  Signature

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:

■ 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.

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

11/28/2014

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Restricted Delivery Fee (Endorsement Required)	
Total	

Postmark Here

*Vicki R*

Send to  
 Louise R. Marthens  
 4550 N. Park Ave., Apt. 705  
 Chevy Chase, MD 20815-7237

PS Form 3811, July 2013



7014 1820 0001 2406 8325  
7014 1820 0001 2406 8325

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Office of Oil and Gas  
WV Dept. of Environmental Protection

**SENDER - COMPLETE THIS SECTION**

1. Article Addressed to:  
 Louise R. Marthens  
 4550 N. Park Ave., Apt. 705  
 Chevy Chase, MD 20815-7237

2. Article Number (Transfer from service label)  
 7014 1820 0001 2406 8325

3. Service Type  
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4. Restricted Delivery? (Extra Fee)  
 Yes  
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5. Is delivery address different from item 1? Yes  No

If YES, enter delivery address below:

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:

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

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Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total	Rebecca A. Jarvis

Postmark Here

7014 1820 0001 2406 8332  
7014 1820 0001 2406 8332

Rebecca A. Jarvis  
 Rt. 1, Box 258 F  
 Clarksburg, WV 26301-9741

PS Form 3811, July 2013 See Reverse for Instructions



Received

OCT 16 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

**SENDER: COMPLETE THIS SECTION**

1. Article Addressed to:  
 Rebecca A. Jarvis  
 Rt. 1, Box 258 F  
 Clarksburg, WV 26301-9741

2. Article Number (Transfer from service label)  
 7014 1820 0001 2406 8332

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

4. Restricted Delivery? (Extra Fee)  
 Yes  
 No

5. Is delivery address different from item 1?  Yes  No

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

7. Signature \_\_\_\_\_  
 Agent  
 Addressee

**COMPLETE THIS SECTION ON DELIVERY**

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

11/28/2014

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Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total	

Sent to: *Vicki R.*  
c/o United Bank Advisory Account  
Attn: Trust Operations  
P. O. Box 1508  
Parkersburg, WV 26102-1508

Street or PO Box: \_\_\_\_\_  
City, St: \_\_\_\_\_  
Plug 656361

PS Form 3811, July 2013 See Reverse for Instructions

Received

OCT 16 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

**SENDER: COMPLETE THIS SECTION**

1. Article Addressed to:  
Trustees of Trinity Episcopal Church  
c/o United Bank Advisory Account  
Attn: Trust Operations  
P. O. Box 1508  
Parkersburg, WV 26102-1508  
Plug 656361

2. Article Number (Transfer from service label)  
7014 1620 0001 2406 6349

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

4. Restricted Delivery? (Extra Fee)  
 Yes  
 No

5. Is delivery address different from item 1?  
 Yes  
 No

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

7. A. Signature  
 Agent  
 Addressee

**COMPLETE THIS SECTION ON DELIVERY**

PS Form 3811, July 2013 Domestic Return Receipt

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

11/28/2014

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Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		

Total Trustees of the Episcopal Diocese of WV  
c/o United Bank Trust  
P. O. Box 1508  
Parkersburg, WV 26108-1508

Sent To: \_\_\_\_\_  
Street or PO \_\_\_\_\_  
City, State \_\_\_\_\_  
Zip \_\_\_\_\_

PS Form 3800, July 2014 See Reverse for Instructions

Received

OCT 16 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

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

**SENDER: COMPLETE THIS SECTION**

1. Article Addressed to:  
Trustees of the Episcopal Diocese of WV  
c/o United Bank Trust  
P. O. Box 1508  
Parkersburg, WV 26108-1508  
Pkg 656361

2. Article Number  
(Transfer from service label)  
7014 1620 0001 2406 6316  
PS Form 3811, July 2013 Domestic Return Receipt

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature \_\_\_\_\_  
Agent \_\_\_\_\_  
Address \_\_\_\_\_  
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: \_\_\_\_\_

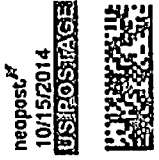
3. Service Type  
 Certified Mail®  
 Priority Mail Express™  
 Registered  
 Return Receipt for Merchandise  
 Insured Mail  
 Collect on Delivery

4. Restricted Delivery? (Extra Fee)  
 Yes  
 No

11/28/2014

2100697P

FIRST-CLASS MAIL  
\$01.61<sup>0</sup>  
ZIP 26330  
041L10228892



Page 656661

Bryan Harris  
P. O. Box 157  
Volga, WV 26238

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2100697A

WW-9  
Revised 2/03

Page \_\_\_\_\_ of \_\_\_\_\_  
2) Operator's Well Number  
656361 (Despard #1619)  
3) API Well No.: 47 021 - 00697

**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: Slab Camp Run of Right Fork of Steer Creek of Little Kanawha River Quadrangle: Normantown 7.5'  
Elevation: 864 County: Gilmer District: Center

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.? 30 ml

Proposed Disposal Method for Treated Pit Wastes:  
X 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. \_\_\_\_\_

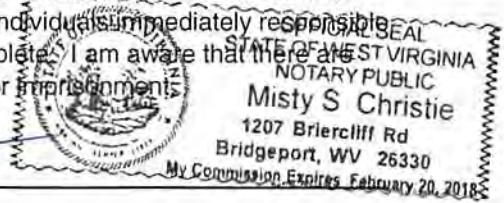
Additives to be used? \_\_\_\_\_ **Received**

Will closed loop system be used? \_\_\_\_\_ OCT 16 2014  
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? \_\_\_\_\_

Office of Oil and Gas  
WV Dept. of Environmental Protection

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 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 [Signature]  
Company Official (Typed or Printed) Victoria Roark  
Company Official Title Permitting Supervisor-WV

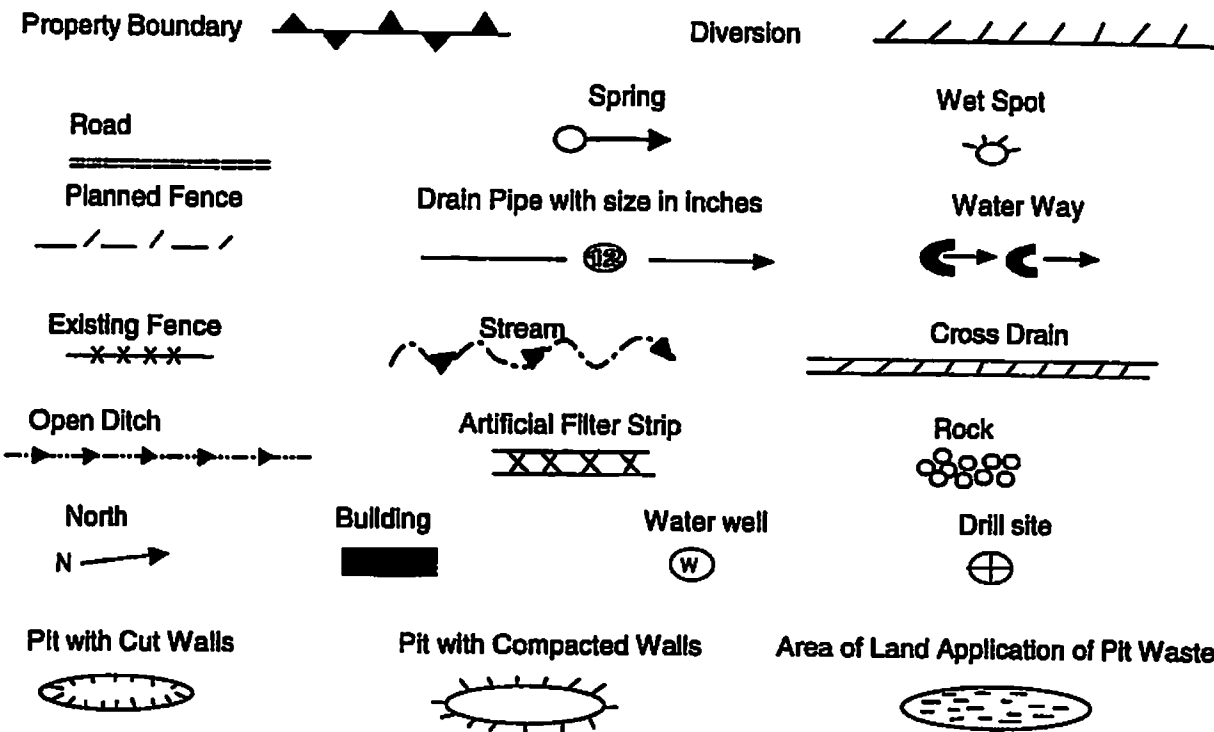
Subscribed and sworn before me this 15th day of October, 2013 2014  
[Signature] Notary Public  
My Commission Expires 2/20/18

11/28/2014



**OPERATOR'S WELL NO.:**  
856361 (Despard #1619)

**LEGEND**



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: Deane O'Hara  
 Comments: \_\_\_\_\_

Title: Inspector Date: 10-31-14  
 Field Reviewed? Yes  No

Topo Quad: Normantown 7.5'

Scale: 1" = 2000'

County: Gilmer

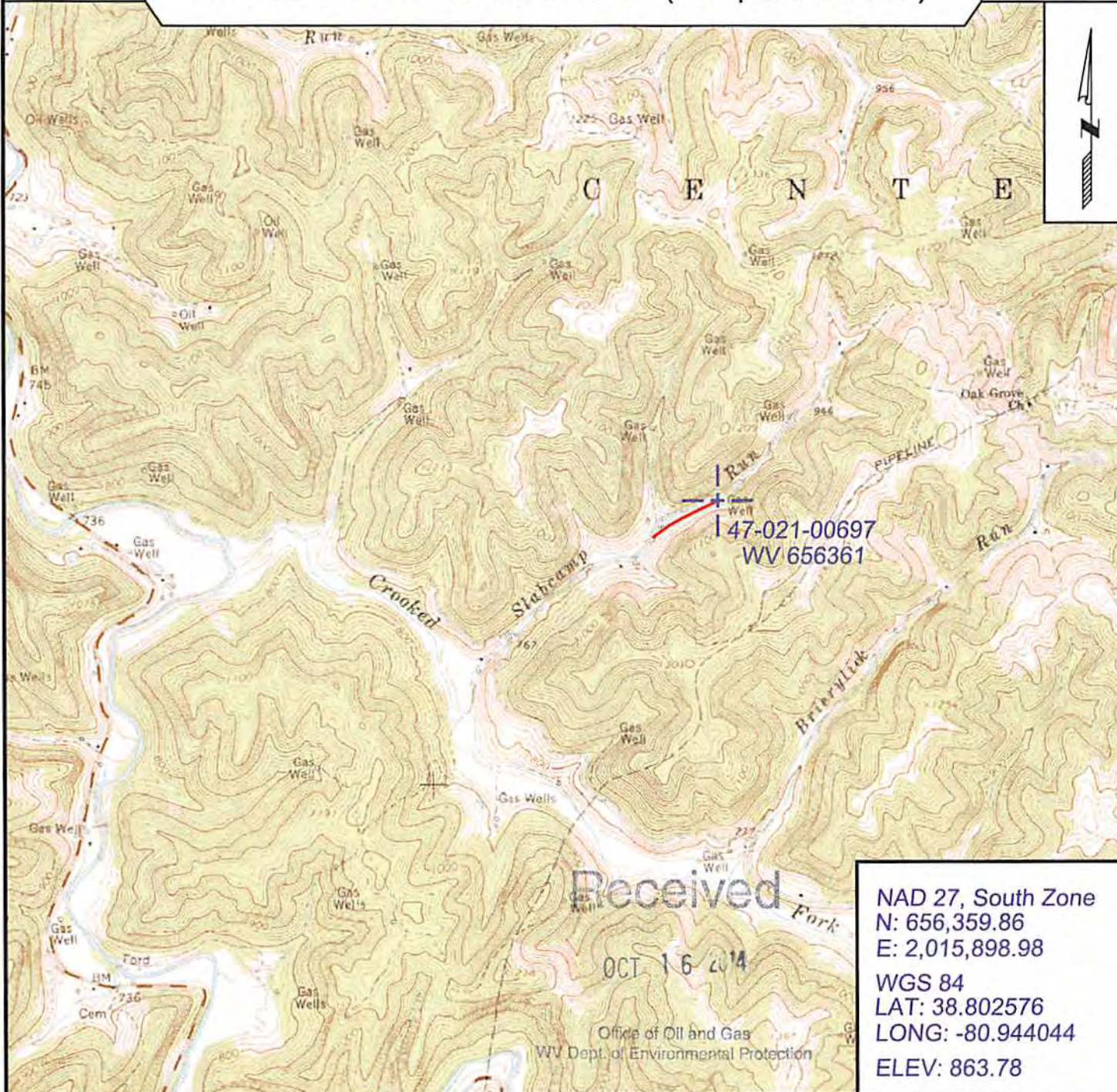
Date: September 23, 2014

District: Center

Project No: 25-19-00-07

47-021-00697 WV 656361 (Despard #1619)

Topo



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: 47-021-00697 . WELL NO.: WV 656361 (Despard #1619) .

FARM NAME: Despard Heirs .

RESPONSIBLE PARTY NAME: EQT Production Company .

COUNTY: Gilmer . DISTRICT: Center .

QUADRANGLE: Normantown 7.5' .

SURFACE OWNER: Coastal Forest Resources Co. .

ROYALTY OWNER: Carnegie Natural Gas Company .

UTM GPS NORTHING: 4294870 .

UTM GPS EASTING: 504859 . GPS ELEVATION: 263 m ( 864 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
- Letter size copy of the topography map showing the well location.

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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.

Stephenson  
Signature

PS# 2180  
Title

9/24/14  
Date



## POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY  
 LEASE NAME AND WELL No. Despard #1619 WV 656361 (47-021-00697)

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 LOCATION

Site: 1 Spacing: 873' +/- Owner: Bobby L. & Ann M. Persinger  
 Address: PO Box 92, Normantown, WV 25267 Phone No. \_\_\_\_\_  
 Comments:

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 WV Dept. 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 Rd  
 Alum Creek, WV 25003  
*phone: 304-756-2949*  
*fax: 304-756-2948*

**RANSON OFFICE**  
 401 South Fairfax Blvd, Suite 3  
 Ranson, WV 25438  
*phone: 304-724-5008*  
*fax: 304-724-5010*

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Scale: 1" = 2000'

County: Gilmer

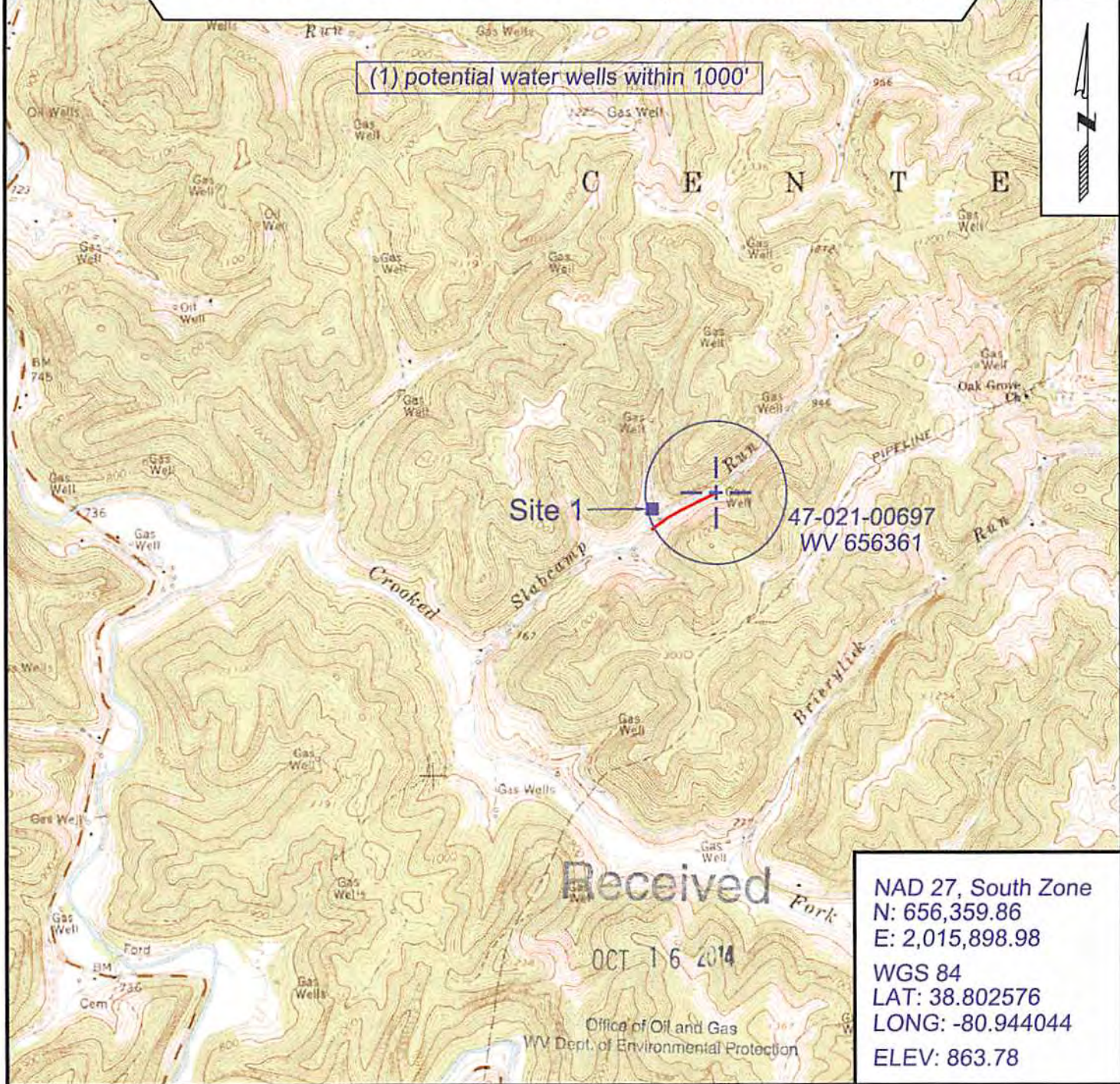
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Water

47-021-00697 WV 656361 (Despard #1619)



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