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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 16, 2016

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-4102478, 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: 1969 FINSTER  
Farm Name: RIGGS, DALE F  
**API Well Number: 47-4102478**  
**Permit Type: Plugging**  
Date Issued: 06/16/2016

**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.

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### 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.

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

Date: May 10, 2016  
Operator's Well  
Well No. 601969 (J. Finster #1969)  
API Well No.: 47 041 - 02478

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

CL 20463  
100<sup>00</sup>

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: 950 ft. Watershed: Sleep Camp Run  
Location: Court House County: Lewis Quadrangle: Peterson 7.4'  
District: \_\_\_\_\_

6) Well Operator EQT Production Company  
120 Professional Place  
Address: Bridgeport, WV 26330

7) Designated Agent: Rex C. Ray  
Address: 120 Professional Place  
Bridgeport, WV 26330

8) Oil & Gas Barry Stollings  
Name: 28 Conifer Drive  
Address: Bridgeport, WV 26330

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.**

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OFFICE OF OIL AND GAS  
JUN 07 2016

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 *Barry Stollings* Date 6-7-16

## PLUGGING PROGNOSIS - Weston

Finster 1969 (601969)  
Lewis Co., West Virginia  
API # 47-041-02478

BY: Doug Fry  
DATE: 10/15/14

**CURRENT STATUS:**

13" csg @ 21'  
8 1/4" csg @ 645'  
6 5/8" csg @ 1707'  
4 1/2" csg @ 1858' Cmtd from 1858' to 1600'

Fresh Water @ None reported  
1<sup>st</sup> Salt Sand @ 1316'  
Gas Shows @ 1719' - 1827' Big Injun  
Oil Shows @ None reported  
Stimulation: Fractured  
Elevation: 914'

Salt Water @ None reported  
Coal @ None reported

1. Notify State Inspector, Barry Stollings 304-552-4194, 24 hrs. Prior to commencing operations.
2. TIH w/ tbg @ 1820' if obtainable ; Set 120' C1A Cement Plug @ 1820' to 1600' ( Gas Show @ Big Injun perfs)
3. TOOH w/ tbg @ 1600'; gel hole @ 1600' to 1300'
4. TOOH w/ tbg, Free Point 4 1/2" csg, cut 4 1/2" csg" @ free point, TOOH w/ 4 1/2" csg.
5. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil , Gas, 1<sup>st</sup> Salt Sand and Csg pts shows below 4 1/2" cut. Do not omit any plugs.
6. Freepoint 6 5/8" csg, cut @ freepoint, TOOH w/ 6 5/8" csg.
7. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil , Gas, 1<sup>st</sup> Salt Sand and Csg pts shows below ~~4 1/2"~~ cut. Do not omit any plugs.
8. TIH w/ tbg @ 1300', Set 100' C1A Cement Plug @ 1300' to 1200' ( 1<sup>st</sup> Salt Sand).
9. TOOH w/ tbg @ 1200'; gel hole @ 1200' to 900'.
10. TOOH w/ tbg @ 900'; Set 100' C1A Cement Plug @ 900' to 800' ( Elevation)
11. TOOH w/ tbg @ 800'; gel hole @ 800' to 700'.
12. TOOH w/ tbg @ 700'; Set 100' C1A Cement Plug @ 700' to 600' ( 8 1/4" csg pt)
13. TOOH w/ tbg @ 600'; gel hole @ 600' to 400'.
14. TOOH w/ tbg, Free Point 8 1/4", cut 8 1/4" @ free point, TOOH w/ 8 1/4" csg
15. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil, 1<sup>st</sup> Salt Sand and Gas shows below 8 1/4" cut. Do not omit any plugs
16. TIH w/ tbg @ 400', Set 100' C1A Cement Plug @ 400' to 300' ( Insurance).
17. TOOH w/ tbg @ 300'; gel hole @ 300' to 200'.
18. TOOH w/ tbg @ 200'; Set 200' C1A Cement Plug @ 200' to 0' ( Surface)
19. Top off as needed
20. Set Monument to WV-DEP Specifications
21. Reclaim Location & Road to WV-DEP Specifications

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 15

Now 2478  
Now Lew-969  
Quadrangle Burnsville NE 3.2

**WELL RECORD**  
PARTIAL PLUGGING

Oil or Gas Well Gas  
(KIND)

Permit No. LEW 755-A

Company Equitable Gas Company  
Address 420 Boulevard of Allies, Pgh. 19, Pa.  
Farm J. Finster Acres 455  
Location (waters) Burnsville NE 3.2  
Well No. 1969 Elev. 914  
District Courthouse County Lewis  
The surface of tract is owned in fee by Mrs. Ada Finster  
347 Center Street Address Weston, W. Va.  
Mineral rights are owned by (see over)

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			None
13	21	21	Size of
10	166	None	Depth set
8 1/2	645	645	
6 3/4	1707	1707	
5 3/16			
4 1/2		1858	Perf. top <u>see below</u>
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Address \_\_\_\_\_  
P.P. Drilling commenced 6-22-61  
P.P. Drilling completed 1-10-62  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_  
WELL FRACTURED 12-12-61

See below  
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT 500 MCF  
ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_  
Fresh Water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
			<u>Gamma Ray Survey from 1250' to 2532'</u>				
Salt Sand			1316	1327			
Salt Sand			1479	1499			
Maxton Sand			1557	1573			
Little Lime			1599	1626			
Big Lime			1644	1712			
Big Injun Sand			1719	1827	Gas	1815	Temp. Survey
Squaw Sand			1904	1910			
Berea Sand			1942	1985			
50' Sand			2164	2180			
30' Sand			2198	2225			
Gordon Stray Sand			2233	2252			
Gordon Sand			2268	2300			
5th Sand			2453	2469	Gas	2463	Temp. Survey
Cleaned out to				2532			
Plugged back to				1846	See partial plugging report		
Completed Total Depth				1846			

Note: 1 1/2" cemented outside from 1858' to 1603' and aquagel 1603' to surface.  
1 1/2" cemented inside from 1858' to 1846'.  
1 1/2" perforated 1819' - 1820'.



41024789



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Burnsville NE 3,2

Permit No. Prior 969 Now 2478 **WELL RECORD**

Oil or Gas Well Gas  
(KIND)

Company Equitable Gas Company  
 Address 420 Blvd. of the Allies, Pgh. 19, Pa.  
 Farm J. Finster Acres 455  
 Location (waters) Burnsville NE 3,2  
 Well No. 1969 Elev. 914  
 District Courthouse County Lewis  
 The surface of tract is owned in fee by Mrs. Ada Finster  
347 Center Street Address Weston, W. Va.  
 Mineral rights are owned by see over  
 Address \_\_\_\_\_  
 Drilling commenced 8-12-07 2/14/1907  
 Drilling completed 9-24-07  
 Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_  
 Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume Calculated - 354 M Cu. Ft.  
 Rock Pressure 535 lbs. 24 hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 WELL ACIDIZED \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			Anchor
13	21	21	Size of <u>6-5/8 x 3</u>
10	166	None	Depth set <u>2293</u>
8 3/4	645	645	
6 3/4	1705	1705	
5 3/16			
3	2355	2355	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

WELL FRACTURED \_\_\_\_\_

RESULT AFTER TREATMENT \_\_\_\_\_

ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_

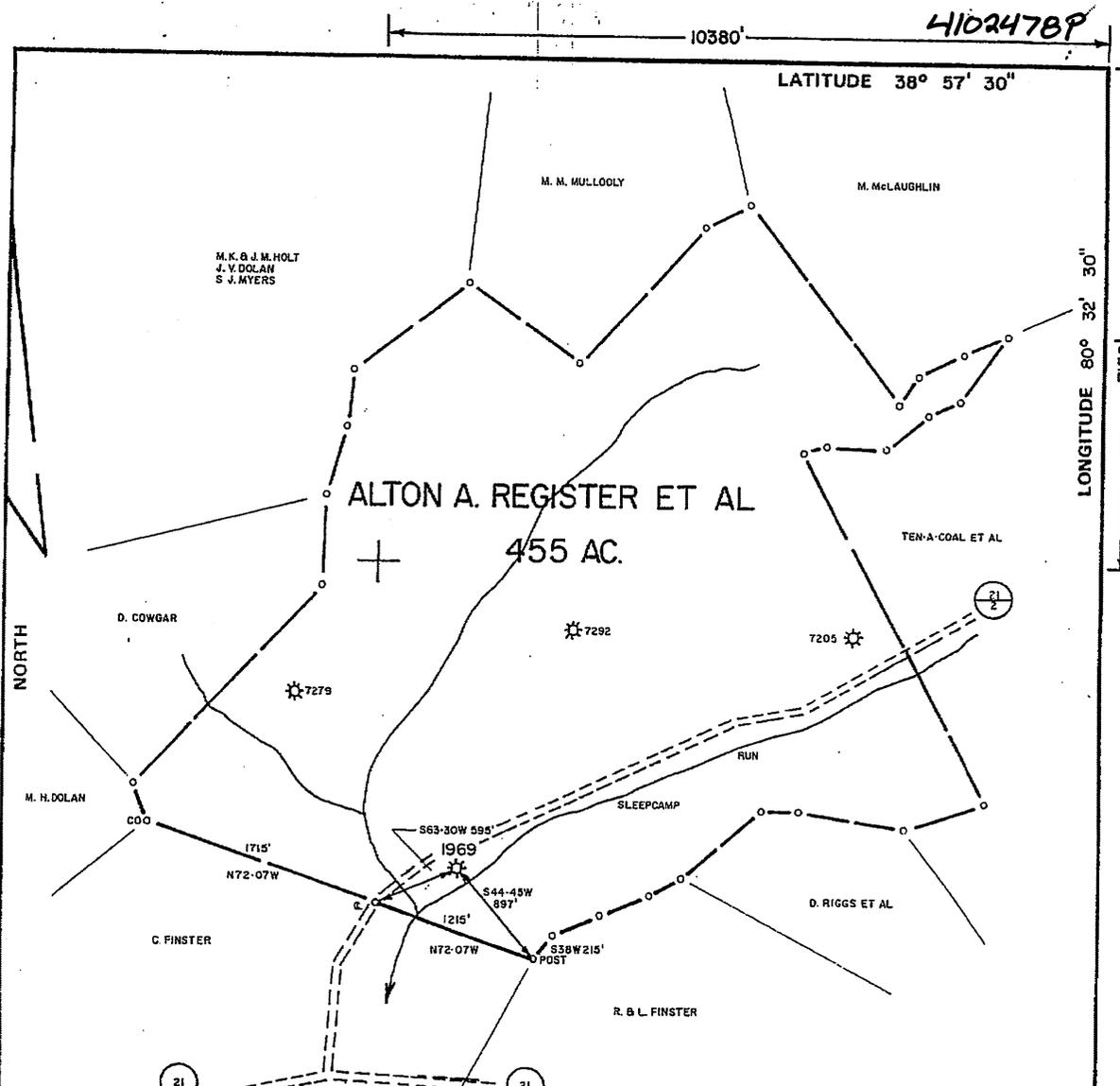
Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Big Dunkard Sand			440	490			
L. Freeport Sand			610	640			
Maxton Sand			1475	1485			
Little Lime			1580	1598			
Big Lime			1625	1690			
Big Injun Sand			1690	1860			
50' Sand			2175	2191			
30' Sand			2221	2228			
Gordon Stray Sand			2235	2253			
Gordon Sand			2266	2305			
5th Sand			2461	2467			
Total Depth				2533			

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 Environmental Protection

Note: Well purchased from South Penn Oil Company 11-4-07.





FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200  
 PROVEN SOURCE OF ELEVATION RD. INTERSECTION  
890'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.  
 (SIGNED) Louis A. Kupper  
 R.P.E. 6302 L.L.S. MAY 17 2016

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 Office of Oil and Gas  
 PLACE SEAL HERE

WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS  
 #10 McJUNKIN ROAD  
 NITRO, WEST VIRGINIA 25143-2506



DATE 11/8/88 19\_\_\_\_  
 OPERATED WELL NO. \_\_\_\_\_  
 API WELL NO. \_\_\_\_\_  
 Environmental Protection  
 STATE 041 COUNTY \_\_\_\_\_ PERMIT 02478-P  
 PL. CANCELLED

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 914' WATER SHED SLEEP-CAMP RUN  
 DISTRICT COURTHOUSE COUNTY LEWIS  
 QUADRANGLE PETERSON/BURNSVILLE NE 82 21  
 SURFACE OWNER D. RIGGS ET AL ACREAGE 156  
 OIL & GAS ROYALTY OWNER ALTON A. REGISTER ET AL LEASE ACREAGE 455  
 LEASE NO. 4447  
 PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) plugging of the 1929 well drilled in 1907  
 PLUG AND ABANDON X CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION N/A ESTIMATED DEPTH 2533' (TD)  
 WELL OPERATOR EQUITRANS Equ. Serv. Div. DESIGNATED AGENT GARY HOY  
 ADDRESS 4955 STEUBENVILLE PIKE ADDRESS P.O. BOX 1550  
PITTSBURGH, PA. 15205 CLARKSBURG, WV. 26301

Potterman 5

WW-4-A  
Revised 6/07

1) Date: May 10, 2016  
2) Operator's Well Number  
601969 (J. Finster #1969)  
3) API Well No.: 47 041 - 02478  
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 Allegheny Forestland, LLC ✓  
Address P. O. Box 205  
Horner, WV 26372

(b) Name Arthur C. Roberts ✓  
Address 158 Point Lick Drive  
Charleston, WV 25306

(c) Name \_\_\_\_\_  
Address \_\_\_\_\_

5) (a) Coal Operator:  
Name None  
Address \_\_\_\_\_

(b) Coal Owner(s) with Declaration ✓  
Name Allegheny Forestland, LLC  
Address P. O. Box 205  
Horner, WV 26372

(c) Coal Lessee with Declaration  
Name None  
Address \_\_\_\_\_

6) Inspector Barry Stollings  
Address 28 Conifer Drive  
Bridgeport, WV 26330  
Telephone (304) 552-4194

**TO THE PERSONS NAMED ABOVE:** You should have received this Form and the following documents:

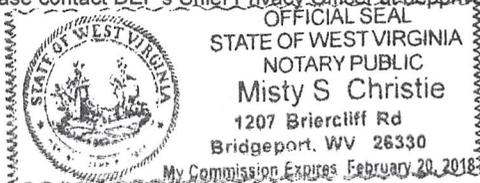
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
  - (2) The plat (surveyor's map) showing the well location on Form WW-6.
- The reason you received these documents is that you have 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  
By: Victoria J. Roark  
Its: Permitting Supervisor  
Address: PO Box 280  
Bridgeport, WV 26330  
Telephone: (304) 848-0076

Subscribed and sworn before me this 12th day of May  
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](mailto:depprivacyofficer@wv.gov).



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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: Sleep Camp Run Quadrangle: Peterson 7.4'  
Elevation: 950 ft. County: Lewis District: Court House

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 minimum

Proposed Disposal Method for Treated Pit Wastes:  
\_\_\_\_ Land Application  
\_\_\_\_ Underground Injection - UIC Permit Number  
X Reuse (at API Number) - Various  
X Offsite Disposal Permit #. See attached  
\_\_\_\_ 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? \_\_\_\_\_

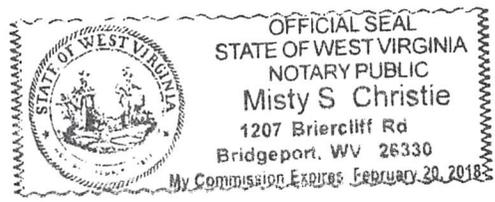
Will closed loop system be used? \_\_\_\_\_  
Drill Cuttings disposal method? Leave in pit, landfill, remove offsite, etc. \_\_\_\_\_  
If left in pit and plan to solidify what medium will be used? Cement, Lime, sawdust \_\_\_\_\_  
Landfill or offsite name/permit number? \_\_\_\_\_

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 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.

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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 12th day of May, 2016  
*Misty S. Christie* Notary Public  
My Commission Expires 2/20/18



<b>EQT Production Water plan</b> <b>Offsite disposals</b>
--

**Waste Management - Meadowfill Landfill**

Rt. 2, Box 68 Dawson Drive  
Bridgeport, WV 26330  
304-326-6027  
Permit #SWF-1032-98  
Approval #100785WV

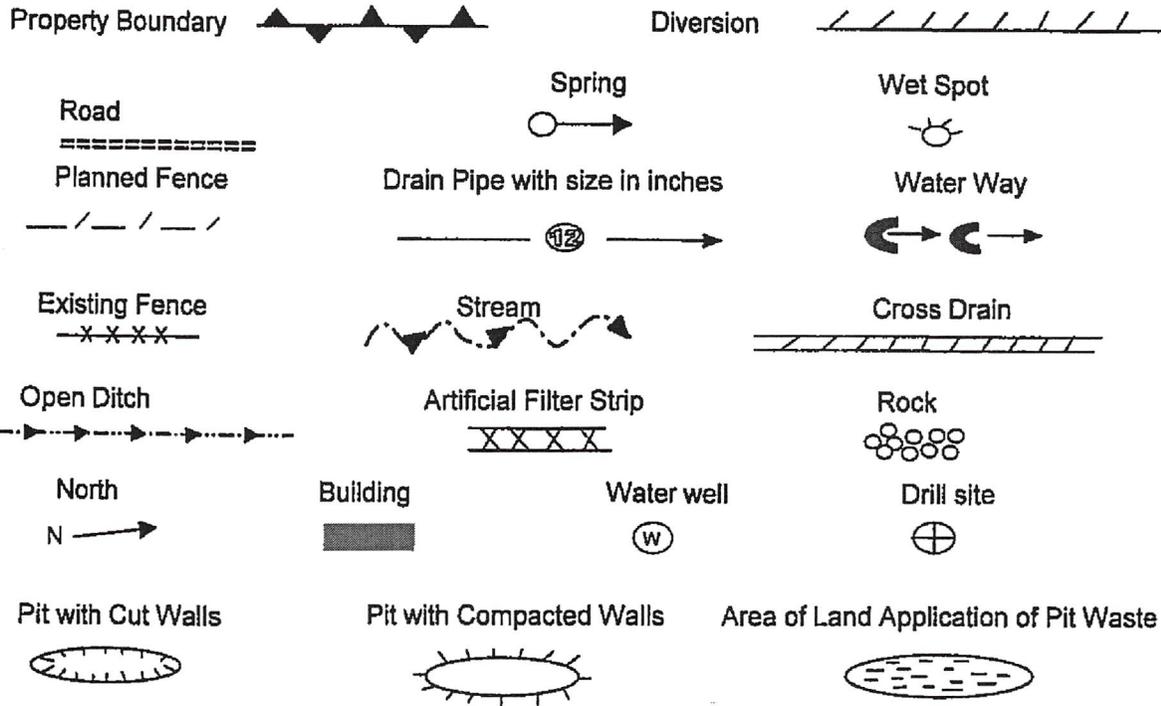
**Waste Management - Northwestern Landfill**

512 E. Dry Road  
Parkersburg, WV 26104  
304-428-0602  
Permit #SWF-1025 WV-0109400  
Approval #100833WV

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**OPERATOR'S WELL NO.:**  
**601969 (J. Finster #1969)**

**LEGEND**



Proposed Revegetation Treatment: Acres Disturbed: 1± Prevegetation pH         

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
Red Fescue	40	Red Fescue	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: *Ryan Hill*

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

Title: *Inspector* Date: *6-1-16*  
 Field Reviewed?  Yes  No

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 JUN 07 2016

4102478P

WW-7  
8-30-06



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

API: 47-041-02478 WELL NO.: WV 601969 (J. Finster #1969)

FARM NAME: Dale F. Riggs

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Lewis DISTRICT: Court House

QUADRANGLE: Peterson 7.5'

SURFACE OWNER: Allegheny Forestland LLC

ROYALTY OWNER: Venice E. Finster, et al.

UTM GPS NORTHING: 4310054

UTM GPS EASTING: 536556 GPS ELEVATION: 289 m (950 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 ; Post Processed Differential   
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.

*Steph O'Brien*  
Signature

PS # 2180  
Title

4/20/16  
Date

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### POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY  
LEASE NAME AND WELL No. J. Finster #1969 - WV 601969 - API No. 47-041-02478

#### POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 581 +/- Owner: Michael & Angela Finster  
Address: 347 Indian Fork Road, Orlando, WV 26412 Phone No. \_\_\_\_\_  
Comments: \_\_\_\_\_

Site: 2 Spacing: 478 +/- Owner: Arthur C. & Judy D. Roberts  
Address: 158 Point Lick Dr., Charleston, WV 25306 Phone No. \_\_\_\_\_  
Comments: \_\_\_\_\_

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**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

**ALUM CREEK OFFICE**

P.O. Box 108 • 1413 Childress Rd  
Alum Creek, WV 25003  
phone: 304-756-2949  
fax: 304-756-2948

**MARTINSBURG OFFICE**

25 Lights Addition Drive  
Martinsburg, WV 25404  
phone: 304-901-2162  
fax: 304-901-2182

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

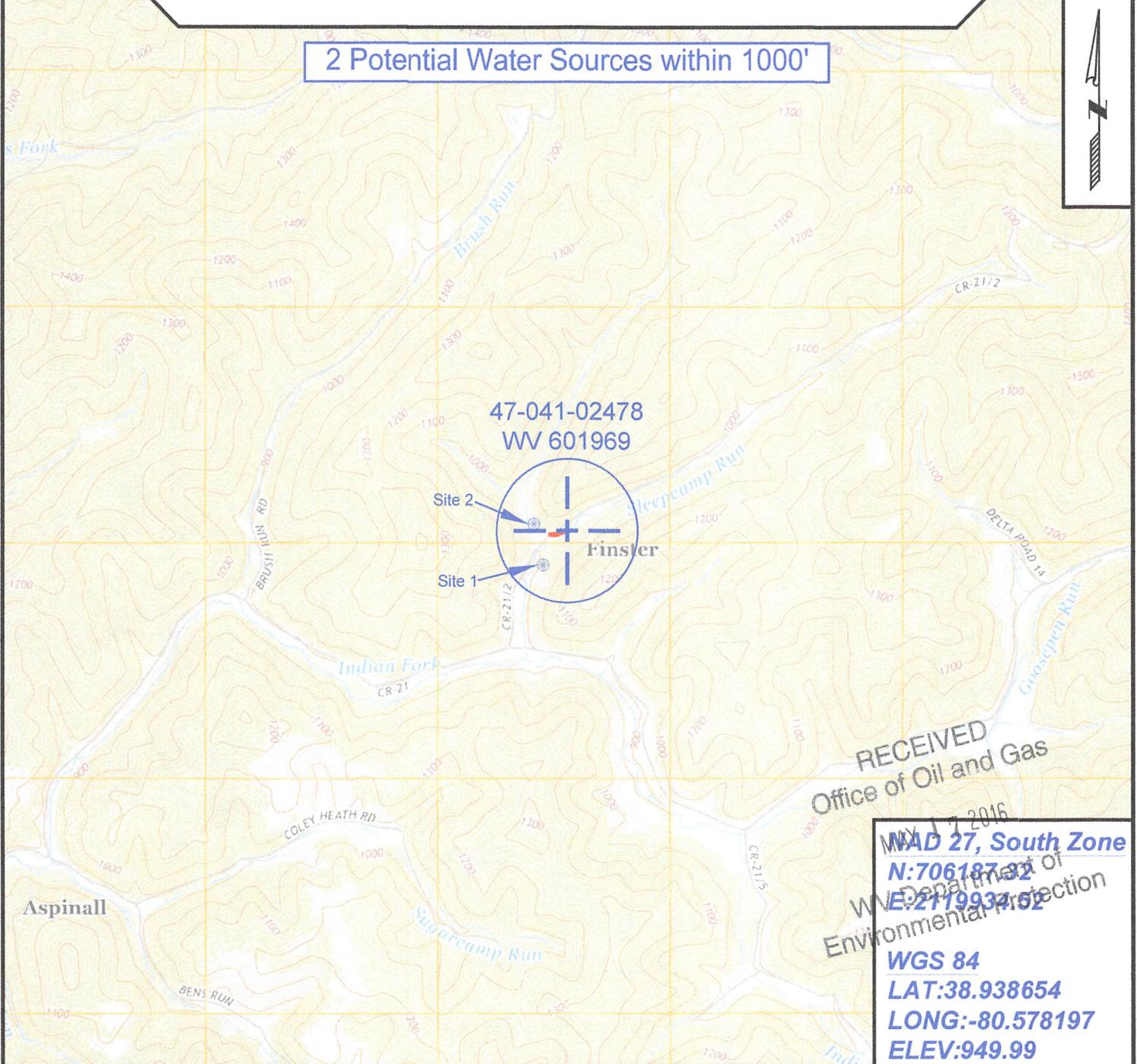
County: Lewis      Date: April 21, 2016

District: Court House      Project No: 73-12-00-08

Water

# 47-041-02478 WV 601969 (J. Finster #1969)

2 Potential Water Sources within 1000'



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

Topo Quad: Peterson 7.5'

Scale: 1" = 2000'

County: Lewis

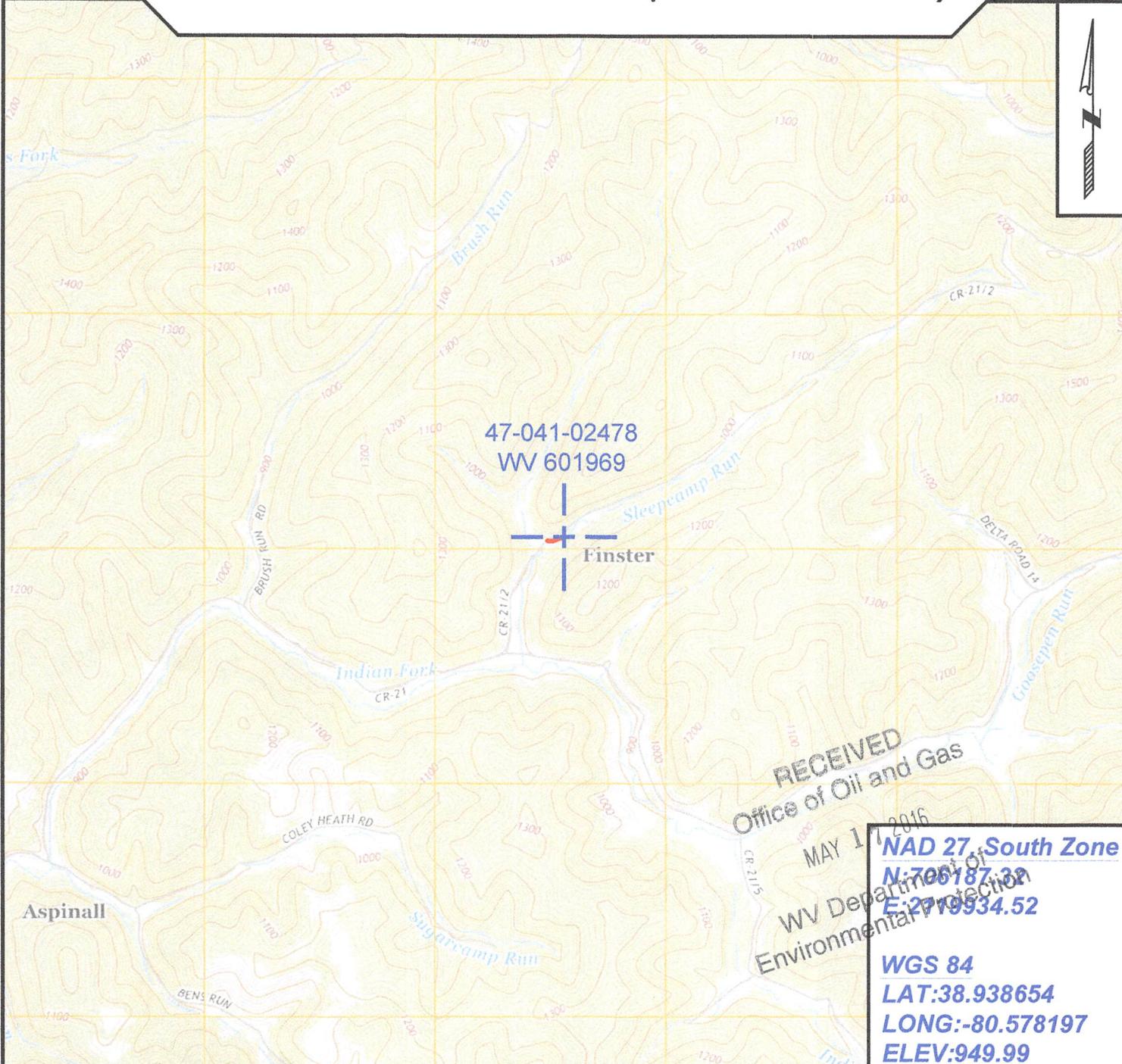
Date: April 21, 2016

District: Court House

Project No: 73-12-00-08

# 47-041-02478 WV 601969 (J. Finster #1969)

Topo



RECEIVED  
Office of Oil and Gas  
MAY 17 2016

**NAD 27, South Zone**  
**N: 706187.32**  
**E: 2719934.52**  
**WGS 84**  
**LAT: 38.938654**  
**LONG: -80.578197**  
**ELEV: 949.99**



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 FAX: (304) 649-8608

PREPARED FOR:  
**EQT Production Company**  
 P.O. Box 280  
 Bridgeport, WV 26330