



**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

July 29, 2014

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-500510, 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: 458961 ( 8577)  
Farm Name: ROBIN LAND COMPANY  
**API Well Number: 47-500510**  
**Permit Type: Plugging**  
Date Issued: 07/29/2014

## 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.

500510P

CK 17819

100<sup>00</sup>

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

Date: 5-21-14  
Operator's Well  
Well No. 458961 (Chambers-Stowers 8577)  
API Well No.: 47 005 - 00510

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:   794'   Watershed: Lick Creek  
Location:   Scott   County:   Boone   Quadrangle:   Madison 7.5"    
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   Ross Eller    
Name:   121 Brierhill Drive    
Address:   Beckley, WV 25801  

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



Date   6/5/14

PLUGGING PROGNOSIS

**CHAMBERS STOWERS 458961**

BOONE, COUNTY, W.V.  
API # 47-005-00510

BY: DOUG FRY  
DATE: 3/20/14

**CURRENT STATUS:**

10" @ 41'  
8 1/4" @ 493'  
6 5/8" @ 1177,  
TD @ 1900'

**FRESH WATER @ 275'**

ELEV. 794'

**COAL SHOWS @ NONE REPORTED**

**GAS SHOWS @ 1848' - 1874' BEREA SAND, 1157'-1350' BIG LIME**

**OIL SHOWS @ NONE RECORDED**

**SALT SAND TOP @ ESTIMATED @ 655'**

SW 861'

**STIMULATION;**

1. NOTIFY INSPECTOR, ROSS ELLER @ 304 - 932 - 6844, 24 HRS PRIOR TO COMMENCING OPERATIONS. **1a. GEL HOLE.**
2. TIH W/ TUBING TO 1800, SET 100' CIA CEMENT PLUG @ 1800' TO 1700; (BEREA GAS SHOW)
3. TOO H W/ TUBING , GEL HOLE @ 1700' TO 1250'.
4. TIH W/ TUBING TO 1250', SET 293' CIA CEMENT PLUG @ 1250' TO 1057; (BIG LIME GAS SHOW, 7" CSG PT).
5. TOO H W/ TUBING, GEL HOLE @ 1057' TO 800'.
6. TIH W/ TUBING TO 800', SET 450' CIA CEMENT PLUG @ 800' TO 450; (8 1/4" CSG PT, EST SALT SAND TOP, ELEVATION)
7. TOO H W/ TUBING, GEL HOLE @ 450' TO 325'.
8. TOO H W/ TUBING, FREE POINT 8 1/4" CSG, CUT 8 1/4" CSG, CUT @ FREE POINT, TOO H W/ 8 1/4" CSG.
9. SET 100' CIA CEMENT PLUG 50' IN/OUT OF CUT. PERF ALL 1<sup>ST</sup> SALT SAND TOPS ,GAS, OIL ,COAL, ELEVATION & FW SHOWS BELOW 8 1/4" CUT AND DO NOT OMIT ANY PLUGS SHOWN.
10. TIH W/TUBING @ 325' , SET 325' CIA CEMENT PLUG TO SURFACE TOP OFF AS NEEDED (1 FW SHOW, 10" CSG PT)
11. SET MONUMENT TO WV DEP SPECS
12. RECLAIM LOCATION TO WV DEP SPECIFICATIONS.

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CASING NOT CEMENTED. FREE POINT, CUT & PULL ALL ASING POSSIBLE. 100' CIA PLUG ACROSS ALL CASING CUTS.

JMM

WEST VIRGINIA DEPARTMENT OF MINES  
OIL & GAS DIVISION  
WELL RECORD

Permit No. 800-510  
Madison Quad.  
Company  
Address  
Farm  
Well No.  
District  
Commenced  
Completed  
Flow  
Volume  
Rock Pressure  
Fresh water  
Salt water

Hope Natural Gas Company  
Clarksburg, W. Va.  
Chambers-Stowers  
8577 Elev. 757  
Scott Boone County  
9-10-41  
11-25-41  
50/10ths in 1 1/2 in.  
119,815 Cu. Ft.  
258 lbs. 24 hrs.  
275 ft.  
861 Ft.

Gas Well  
Casing & Tubing  
Acres - 272  
10 41 41  
8 1/2 493 493  
6-5/8 1177 1177

Surface	-- --	0	10		
Slate		10	15		
Sand		15	115		
Slate		115	165		
Sand		165	175		
Slate & Shells		175	275	W.	275
Lime		275	310		
Sand		310	365		
Slate		365	385		
Sand		385	492		
Slate		492	530		
Sand		530	539		
Lime Shells		539	625		
Sand		625	645		
Slate		645	655		
Salt Sand		655	790		
Lime		790	820		
Sand		820	985	W.	861
Red Rock		985	995		
Slate		995	1045		
Red Rock		1045	1055		
Lime		1055	1080		
Slate Shells		1080	1116		
Little Lime		1116	1149		
Pencil Cave		1149	1157		
Big Lime		1157	1350	Gas	1325-1326-1330-1331
Big Injun Sand		1350	1395		
Slate		1395	1490		
Slate & Shells		1490	1828		
Shale		1828	1848		
Berea Sand		1848	1874	Gas	1850-1865
Slate		1874	1900		
Total Depth			1900		

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5.00510P

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Well No. B00-510 Oil or Gas Well Gas  
(Kind)

Company Hops Natural Gas Company  
Address Clarksburg, W. Va.  
Farm Chambers-Stowers Acres 378

Location (waters) \_\_\_\_\_  
Well No. 8677 Elev. 927  
District Scott County  Boone

The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_

Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_

Drilling commenced 9-10-41  
Drilling completed 11-25-41

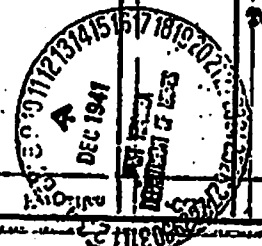
Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
Open Flow 50/10ths Water in 1 1/2 inch  
10ths Merc. in \_\_\_\_\_ inch  
Volume 119,815 Cu. Ft.  
Rock Pressure 258 lbs. 24 hrs.

Oil \_\_\_\_\_ lbs. 1st 24 hrs.  
Fresh water 375 feet \_\_\_\_\_ feet  
Salt water 861 feet \_\_\_\_\_ feet

Casing CEMENTED \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
Not cemented

COAL WAS ENCOUNTERED AT No coal FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

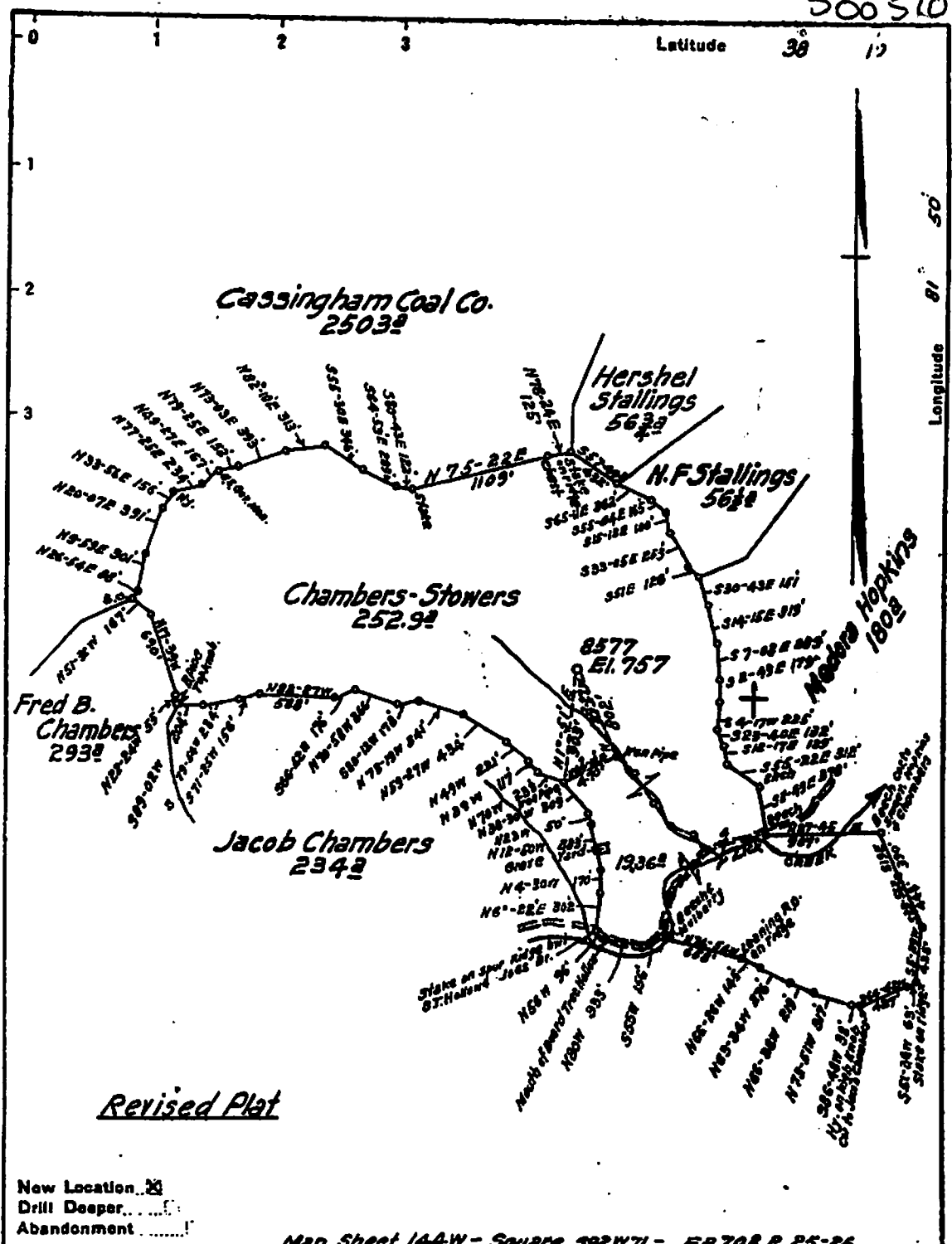
Formation	Color	Harder Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Surface			0	10			
Slate			10	15			
Sand			15	115			
Slate			115	165			
Sand			165	175			
Slate & Shells			175	275	Water	375	
Lime			275	310			
Sand			310	365			
Slate			365	385			
Sand			385	402			
Slate			402	530			
Sand			530	539			
Lime shells			539	585			
Sand			585	645			
Slate			645	655			
Salt Sand			655	790			
Lime			790	820			
Sand			820	885	Water	861	
Red Rock			885	995			
Slate			995	1045			
Red Rock			1045	1055			
Lime			1055	1060			
Slate Shells			1060	1115			
Little Lime			1115	1140			
Pencil Cave			1140	1157			
Big Lime			1157	1200	Gas	1325-1336-1330-1331	
Big Injan Sand			1200	1295			
Slate			1295	1400			
Slate & Shells			1400	1425			
Shale			1425	1645			
Berea Sand			1645	1674			
Slate			1674	1900			
Total Depth				1900			



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New Location   
 Drill Deeper   
 Abandonment

NAD Sheet 144W - Source 392W71 - FB708 R 25-26

Company Hope Natural Gas Co  
 Address Clarksburg, W. Va.  
 Farm Chambers-Stowers  
 Tract \_\_\_\_\_ Acres 272 Lease No. 43341  
 Well (Farm) No. 3 Serial No. 8577  
 Elevation (Spirit Level) 75.7  
 Quadrangle Madison  
 County Boone District Scott  
 Engineer Wm. Boone  
 Engineer's Registration No. 900  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date July 29, 1941 Scale 1" = 60'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 Office of Oil and Gas  
 WELL LOCATION MAP  
 FILE NO. 22004510

+ Denotes location of well on United States Topographic Maps, scale 1" to 62,500, latitude and longitude lines represented by border lines as shown.  
 - Denotes one inch spaces on border line of original tracing.

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WW-4-A  
Revised 6/07

- 1) Date: 5-21-14
- 2) Operator's Well Number  
458961(Chambers-Stowers 8577)
- 3) API Well No.: 47 005 - 00510  
State County Permit

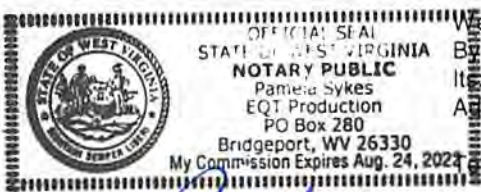
**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT  
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS  
NOTICE AND APPLICATION TO PLUG AND ABANDON WELL**

<p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Robin Land Company</u> Address <u>500 Lee St. E.</u> <u>Suite 900</u> <u>Charleston, WV 25301</u></p> <p>(b) Name <u>George Chambers</u> Address <u>199 Stollings Rd</u> <u>Danville, WV 25053</u></p> <p>(c) Name _____ Address _____</p>	<p>5) (a) Coal Operator: Name <u>None</u> Address _____</p> <p>(b) Coal Owner(s) with Declaration Name <u>Southern Land Company Ltd. Partners</u> <u>&amp; Dickinson Properties</u> Address <u>300 Capital Street</u> <u>Charleston, WV 25301</u></p> <p>(c) Coal Lessee with Declaration Name <u>None</u> Address _____</p>
<p>6) Inspector <u>Ross Eller</u> Address <u>121 Brierhill Drive</u> <u>Beckley, WV 25801</u> Telephone <u>304-932-6844</u></p>	

**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  
 Name: Victoria J. Roark  
 Title: Permitting Supervisor  
 Address: PO Box 280  
Bridgeport, WV 26330  
 Telephone: (304) 848-0076

Subscribed and sworn before me this 21 day of May, 2014  
 My Commission Expires: 8-24-22 Notary Public

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 WV Department of Environmental Protection  
 08/01/2014

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.



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

Total Post: **Robin Land Company**  
 500 Lee St E  
 Suite 900  
 Charleston, WV 25301

Sent To: **Robin Land Company**  
 500 Lee St E  
 Suite 900  
 Charleston, WV 25301

Street, Apt or PO Box: **Charleston, WV 25301**  
 City, State: **458961 Plugging**

PS Form 3800, August 2006 See Reverse for Instructions

Robin Land Company  
500 Lee St E  
Suite 900  
Charleston, WV 25301

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

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>Complete Items 1, 2, and 3. Also complete Item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature  <b>X</b> <input type="checkbox"/> Agent  <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery</p> <p>D. Is delivery address different from Item 1? <input type="checkbox"/> Yes        If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p><b>Robin Land Company</b>  <b>500 Lee St E</b>  <b>Suite 900</b>  <b>Charleston, WV 25301</b></p> <p>458961 Plugging</p>	<p>3. Service Type  <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Priority Mail Express™  <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> Collect on Delivery</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number        (Transfer from service label)</p> <p><b>7013 2630 0001 7365 6303</b></p>	

PS Form 3811, July 2013 Domestic Return Receipt

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7013 2630 0001 7365 6310

George Chambers  
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Danville, WV 25053

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**OFFICIAL USE**

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

Postmark  
Here

Total P: George Chambers  
199 Stollings Rd  
Danville, WV 25053  
Sent To: Street, A or PO Box  
City, State 458961 Plugging

PS Form 3800, August 2006 See Reverse for Instructions

**SENDER: 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.

1. Article Addressed to:  
  
George Chambers  
199 Stollings Rd  
Danville, WV 25053  
458961 Plugging

2. Article Number  
(Transfer from service label) 7013 2630 0001 7365 6310

PS Form 3811, July 2013 Domestic Return Receipt

**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  
If YES, enter delivery address below:  No

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

4. Restricted Delivery? (Extra Fee)  Yes

**EQT**  
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 Southern Land Co Ltd. Partners  
& Dickinson Properties  
300 Capitol St  
Charleston, WV 25301  
458961 Plugging

Co Ltd. Partners  
& Dickinson Properties  
Charleston, WV 25301

PS Form 3811, July 2013 See Reverse for Instructions

Domestic Return Receipt (Transfer from service label)

2. Article Number: 7013 2630 0001 7365 6327

3. Service Type:  
 Certified Mail™  
 Registered  
 Insured Mail  
 Priority Mail Express™  
 Return Receipt for Merchandise  
 Collect on Delivery  
 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:  
 Southern Land Co Ltd. Partners  
 & Dickinson Properties  
 300 Capitol St  
 Charleston, WV 25301  
 458961 Plugging

5. 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.

6. Article Addressed to:

7. Received by (Printed Name):  
 C. Date of Delivery:  
 A. Signature:  X  
 B. Addressed to:  
 Agent  
 Addressee

8. COMPLETE THIS SECTION ON DELIVERY

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WV Department of Environmental Protection  
08/01/2014

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

500 510P  
**EQT**  
C/O Vicki Roark  
P.O. Box 280  
Bridgeport, WV 26330

Ross Eller  
121 Brierhill Dr  
Beckley, WV 25801

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05/21/2014  
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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: Lick Creek Quadrangle: Madison 7.5"  
Elevation: 794' County: Boone District: Scott

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 20 ml.

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 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 *Victoria Roark*

Company Official (Typed or Printed) Victoria Roark

Company Official Title Permitting Supervisor-WV

Subscribed and sworn before me this 21 day of May, 2014

*Pamela Sykes*

My Commission Expires 8-24-22

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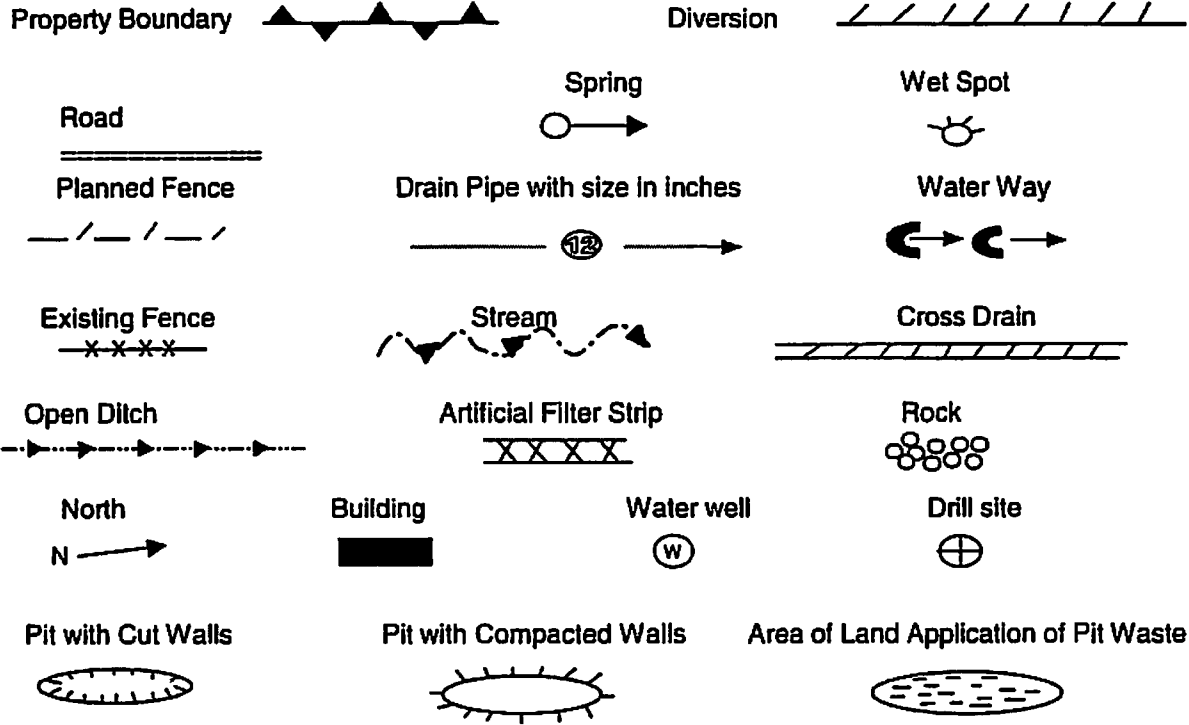
MAY 22 2014

Notary Public

WV Department of Environmental Protection  
STATE OF WEST VIRGINIA  
NOTARY PUBLIC  
Pamela Sykes  
EQT Production  
PO Box 280  
Bridgeport, WV 26330  
My Commission Expires 08/01/2014

**OPERATOR'S WELL NO.:**  
458961 (Chambers-Stowers 8577)

**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: [Signature]

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

Title: WYDER Ditch & Gas Inlet, Date: 6/5/12  
 Field Reviewed?  Yes  No

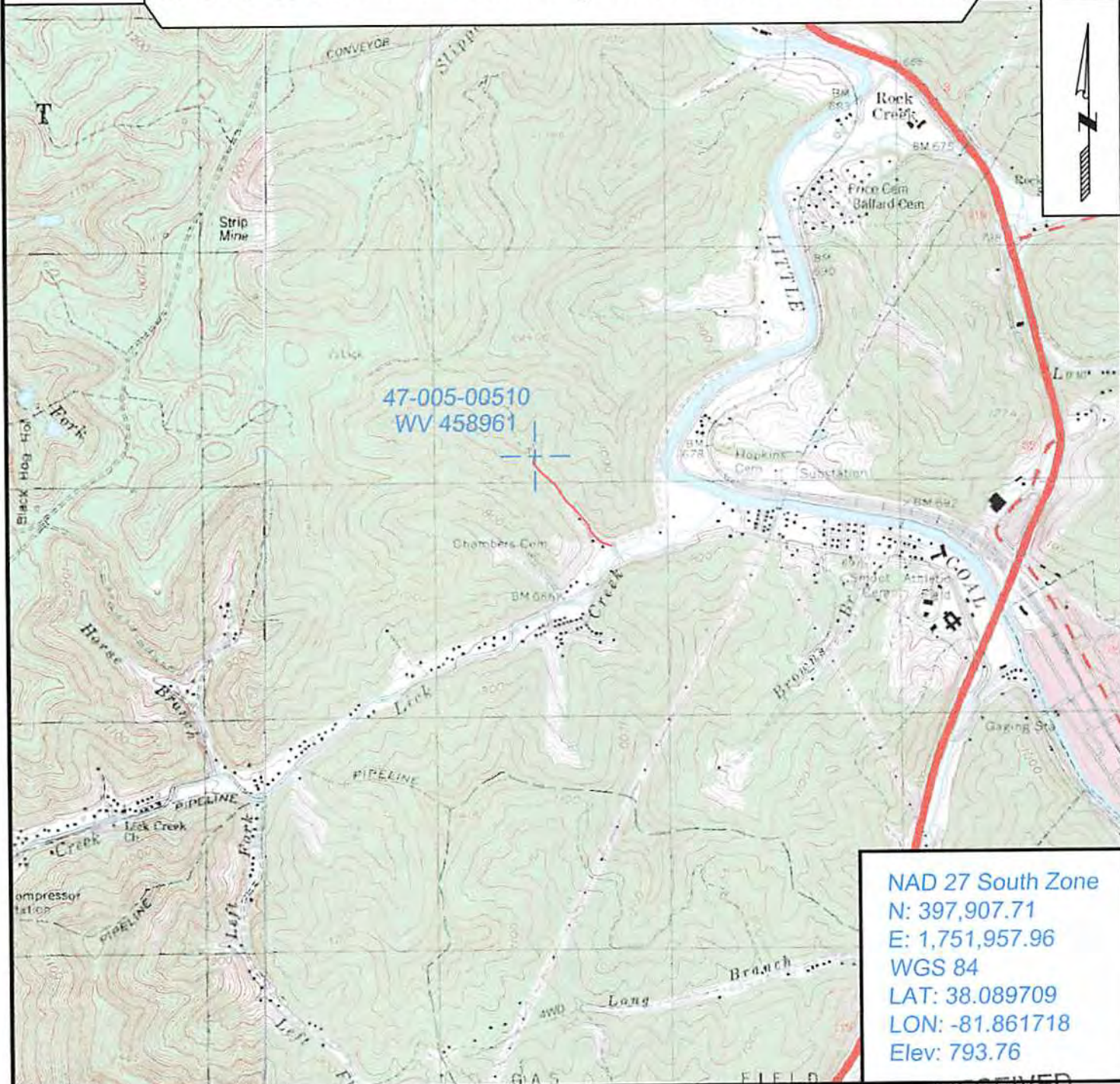
Topo Quad: Madison 7.5' Scale: 1" = 2000'

County: Boone Date: April 6, 2014

District: Scott Project No: 140-16-00-07

47-005-00510 WV 458961 (Chambers-Stowers 8577)

Topo



NAD 27 South Zone  
 N: 397,907.71  
 E: 1,751,957.96  
 WGS 84  
 LAT: 38.089709  
 LON: -81.861718  
 Elev: 793.76



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:

RECEIVED  
 Office of Oil and Gas  
**EQT Production Company**

P.O. Box 200  
 Bridgeport, WV 26330  
 MAY 22 2014

WV Department of  
 Environmental Protection  
 08/01/2014

WW-7  
8-30-06



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

API: 47-005-00510 WELL NO.: WV 458961 (Chambers-Stowers 8577)

FARM NAME: Chambers-Stowers

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Boone DISTRICT: Scott

QUADRANGLE: Madison 7.5'

SURFACE OWNER: Robin Land Company

ROYALTY OWNER: Greenbrier Land Company, et al.

UTM GPS NORTHING: 4216119

UTM GPS EASTING: 424435 GPS ELEVATION: 242 m (794 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.

  
Signature

PS# 2180  
Title

5/8/14 MAY 22 2014  
Date

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Office of Oil and Gas  
WV Department of  
Environmental Protection

08/01/2014





## POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY  
 LEASE NAME AND WELL No. Chambers-Stowers 8577 WV 458961 (47-005-00510)

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: 1000' +/- Owner: Gregory E. & Linda M. Chambers  
 Address: 2862 Lick Creek Road, Danville, WV 25053 Phone No. \_\_\_\_\_  
 Comments:

**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: 304-756-2048