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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

October 09, 2015

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-4102395, 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: 4113  
Farm Name: SMITH  
**API Well Number: 47-4102395**  
**Permit Type: Plugging**  
Date Issued: 10/09/2015

## 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 under the terms of that agreement.

4102395A

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

Date: September 21, 2015  
Operator's Well  
Well No. 604113 (E. W. Smith #2)  
API Well No.: 47 041 - 02395

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

CK # 19879  
F<sub>100</sub>

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: 358 ft Watershed: Maxwell Run  
Location: Hackers Creek County: Lewis Quadrangle: Weston  
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 Bary 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.**

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 *Deja O'Hara* Date 10-1-15

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Office of Oil and Gas

OCT 08 2015

WV Department of  
Environmental Protection 10/09/2015

## PLUGGING PROGNOSIS

**Smith, E.W. #2 (604113)**

Lewis Co., WV  
 API # 47-041-02395  
 Dist: Courthouse

BY: Craig Duckworth  
 DATE: 09/03/15

**CURRENT STATUS:**

10" csg @ 165' (pulled)  
 8 1/4" csg @ 835' (pulled)  
 5 3/16" csg @ 1892' (packer 1892')  
 3" tbg @ 2317' (packer 2192')

**TD @ 2319'**

**Fresh Water @** None reported                      **Salt Water @** None reported  
**1<sup>st</sup> Salt Sand @** 725'                                      **Coal @** None reported  
**Gas Shows @** 5<sup>th</sup> Sand @ 2300'; Gantz @ 1903'; Squaw @ 1555'; Big Injun @ 1481'; 2<sup>nd</sup> Salt Sand @ 1020'  
**Oil Shows @** None reported  
**Stimulation:** None reported  
**Elevation:** 1176'

1. Notify State Inspector, **Barry Stollings 304-552-4194**, 24 hrs. Prior to commencing operations.
2. Attempt to pull 3" csg. Free Point 3", cut 3" @ free point, TOO H w/ 3" csg
3. TIH w/ tbg @ 2317'; Set 117' C1A Cement Plug @ 2317' to 2200' ( Gas Shows @ 5<sup>th</sup> Sand 2300' & 3" csg seat) **WAIT 4 HRS. TAG CEMENT. ADD CEMENT IF NECESSARY.**
4. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 3" cut. Do not omit any plugs
5. TOO H w/ tbg @ 2200'; gel hole @ 2200' to 1942'
6. TOO H w/ tbg, Free Point 5 3/16", cut 5 3/16" @ free point, TOO H w/ 5 3/16" csg
7. TIH w/ tbg @ 1942'; Set 100' C1A Cement Plug @ 1942' to 1842' (5 3/16" csg cut )
8. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 5 3/16" cut. Do not omit any plugs
9. TOO H w/ tbg @ 1842'; gel hole @ 1842' to 1555'
10. TOO H w/ tbg @ 1555'; Set 174' C1A Cement Plug @ 1555' to 1381' (Gas Show @ 1555' Squaw & 1481' Big Injun )
11. TOO H w/ tbg @ 1381'; gel hole @ 1381' to 1020'
12. TOO H w/ tbg @ 1176'; Set 206' C1A Cement Plug @ 1176' to 970' ( Gas show @ 1020' 5<sup>th</sup> Sand & Elevation @ 1176' )
13. TOO H w/ tbg @ 970'; gel hole @ 970' to 885'
13. TOO H w/ tbg @ 885'; Set 260' C1A Cement Plug @ 885' to 625' (8 1/4" csg seat & Salt Sand @ 725')
14. 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
15. TOO H w/ tbg @ 625'; gel hole @ 625' to 215'.
16. TOO H w/ tbg @ 215'; Set 215' C1A Cement Plug @ 215' to Surface ( 10" csg @ 173')
17. 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
18. Top off as needed
19. Set Monument to WV-DEP Specification
20. Reclaim Location & Road to WV-DEP Specifications

RECEIVED  
 Office of Oil and Gas  
 SEP 23 2015  
 WV Department of Environmental Protection  
 10/09/2015

410 2395 P  
604113

SUR SMITH, E.W. 2<sup>nd</sup> J<sup>r</sup> LEASE NO. 4504 ACRES 3.66 MAP WESTON S.W. 3<sup>rd</sup> ELEVATION 1176 L. Div. K. DIST. W.B.S.T.U.R.

COUNTY LEWIS		FORMATIONS	TOP	BOTTOM	GAS AT	OIL AT	WATER AT	FORMATIONS	TOP	BOTTOM	GAS AT	OIL AT	WATER AT	CLASSIFICATION			
LOCATED	10-5-12	WATERSBURG COAL						GAZT 5'	1890	1908	1908 1/2			CASING AND TUBING			
W/O NO.	DATE	MAPLESTOWN						10' SAND (MINEVAH)						SIZE	PUT IN	DATE	PULLED
CONTRACTOR	R.T. Gae	REDBONE						BREE SAND (BLUE MON.)						10"	165	6-2-13	165
BY SALES PERMIT		PITTSBURGH						GOR. STRAY SAND	2008	2054				8 1/2"	835	1-25	835
COMMENCED	11-21-12	MURPHY SAND						GORDON SAND (THIRD)	2130	2200				8 1/2"	1501		
COMPLETED	1-2-13	AMES LIMESTONE						4TH - (Sandy Lime)	2220	2228				8 1/2"			
PURCHASED FROM		BAKERSTOWN COAL						4TH A						8 1/2"			
DATE PURCHASED		L. DUNKARD SAND						5TH	2291	2308	2300			8 1/2"	1892	1-2-13	
OUTSIDE SERIAL NO.								5TH A									
SOLD TO		D. DUNKARD SAND						BAYARD						4"			
DATE SOLD		UPPER FREEPORT COAL						BAYARD STRAY SAND									
DATE ABANDONED		U. Freeport Sand	420	530				" " STR. 60.						1"	2317	1-2-13	
DATE PLUGGED		U. Freeport Sand	535	612				ELIZABETH SAND									
ANNUAL ROYALTY	\$ 2.10 DUE 7 6	M. "						1ST WARREN SAND						2"			
WORKMEN'S COMP. NOTICE POSTED		HomeWood Sand	650	710				2ND									
DRILLER'S LOG IN FILE		VAMPORT LIMB						SPEECH. STRAY SAND									
COAL DATA		CLARION COAL						SPEECHLEY SAND						PACKER DATA			
OWNER		BROOKVILLE COAL						TIGMA SAND						DATE SET	KIND	SIZE	SET AT
ADDRESS		1ST GAS SAND	1"	30				1ST RALLTOWN SAND						1-13	HWP	6 1/2"	2192
DATE NOTIFIED LOCATION		MERCER COAL						2ND						2-13	WV	6 1/2" x 5/8"	1892
DATE APPROVED		1ST SALT SAND	725	822				SHEPFIELD									
		2ND						1ST BRADFORD "(DENSON)									
DEPARTMENT OF MINES DATA		2ND Salt Sand	823	1100	1020	Shaw		2ND									
DRL'G. PERMIT NO.	DATE	MARYON	1352	1366				3RD									
DRL'G. DPR. PERMIT NO.	"	LITTLE LIME	1372	1382				3RD									
PLUGGING PERMIT NO.	"	FENCIL CAVE	1382	1390													
		BIG LIME (KEENER)	1390	1454				HANE SAND									
		BIG ILLION SAND	1454	1675				ELK SAND									
		SQUAW						ORISKANY SAND									
FREE GAS DATA		Sandy Lime	1778	1796													
ANNUAL ALLOWANCE	1/2 M. C. F.	MURRYSVILLE SAND (BEREA)															
CONSUMER	W. B. Paugh																
ADDRESS	Rt 1 Weston W. Va.																
TOTAL DEPTH								TOTAL DEPTH	2192	2319							
TOTAL DEPTH								TOTAL DEPTH	2481								

OPEN FLOW VOLUME & PRESSURE DATA

DATE	READING	LIQUID	SIZE		MINUTES								24 HR. TO DAY		VOLUME	PRODUCING SAND	
			OFFERING	TURNING	1	2	3	4	5	10	30	60	R. P.	R. P.			
1-2-13			6 7/8	17	32						74	245	815			612 901	B.F. Gantz - 5th
1-3-13	Shot		6 1/8	24												41 1272	"
"			3"	55	85	110	130	145	235	305				1490		612 888	5th

PIPE LINE DATA

C/O NO.	DATE LAID	DATE RCL'D	SIZE	FEET LAID	FEET RCL'D	RFMA

DATE TURNED IN LINE 1-6-13 DATE DISCONNECTED

VOLUME FACTOR DATA

PREVIOUS	PRESENT
	7. D. 2.681

REPAIR AND DRILLING DEEPER

W/O NO.	DATE	REASON	COMMENCED	COMPLETED	C/O OR D/O TO	VOLUME		ROCK PRESS.	
						BEFORE	AFTER	BEFORE	AFTER
			1-25-14	2-14-14		3	26	77	60
			2-25-13	2-28-13		7.3	29.4		15.6
			2-13-16	2-19-16		9.75	12.1		85/11
			2-14-16	2-19-16		2.1	5.1	600	1

SHOOTING RECORD

DATE	AMT.	DEPTH	VOLUME	
			BEFORE	AFTER
1-3-13	60 Gps	516	41901	111271

2319' bridged to  
2192' - 3" x 1.25"  
127' - 6" x 2 1/2" x 21' 20"  
12,687  
5 1/2 x 3  
1822' - 2 1/2" x 1"  
3000' - 1 1/2" x 1"

1) Date: September 21, 2015  
2) Operator's Well Number  
604113 (E. W. Smith #2)  
3) API Well No.: 47 041 - 02395  
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 I. L. Morris  
Address P. O. Box 397  
Glenville, WV 26351  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Barry Stollings  
Address 28 Conifer Drive  
Bridgeport, WV 26330  
Telephone (304) 552-4194

5) (a) Coal Operator:  
Name None  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name I. L. Morris  
P. O. Box 397  
Address Glenville, WV 26351  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name None  
Address \_\_\_\_\_

**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:  
OFFICIAL SEAL  
STATE OF WEST VIRGINIA  
NOTARY PUBLIC  
Misty S Christie  
1207 Briercliff Rd  
Bridgeport, WV 26330  
My Commission Expires February 20, 2018

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

Subscribed and sworn before me this 20th day of September, 2015  
Misty S. Christie  
Notary Public

day of September, 2015  
Notary Public

My Commission Expires: \_\_\_\_\_

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).

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: Maxwell Run Quadrangle: Weston  
Elevation: 358 D.M. County: Lewis District: Hackers Creek

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.? ~~40 ml~~ 20 mi  
*9m*

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 22nd day of September, 2015

*Misty S. Christie* Notary Public

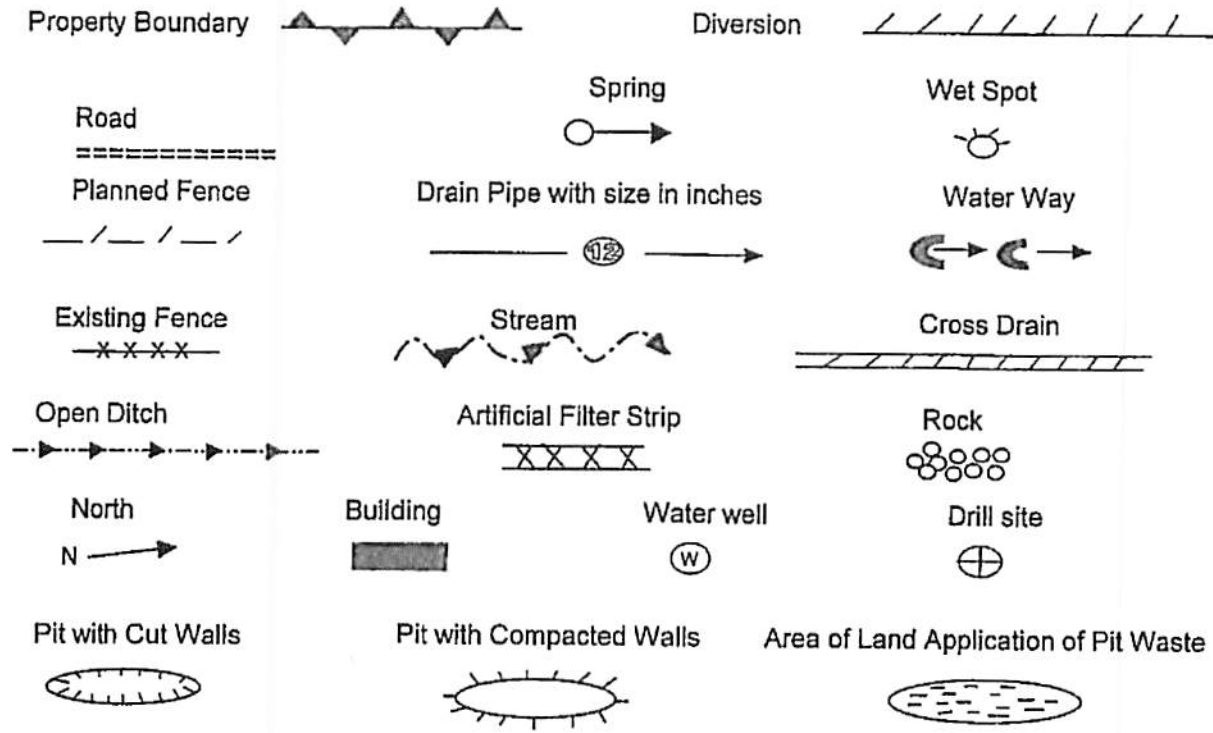
My Commission Expires 2/20/18



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Office of Oil and Gas  
2015  
SEP 22 10 09 2015  
WV Department of Environmental Protection

**OPERATOR'S WELL NO.:**  
604113 (E. W. Smith #2)

**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: Bryce O'Hara

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

RECEIVED  
 Office of Oil and Gas

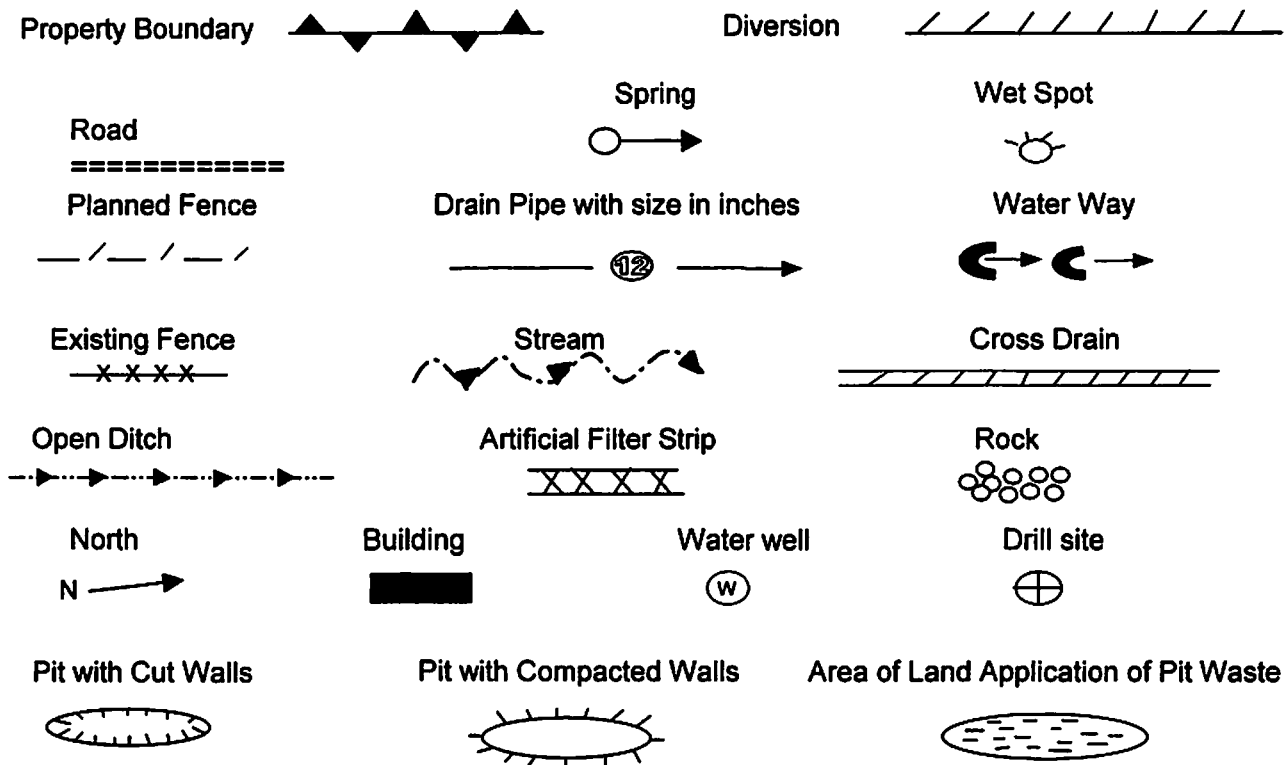
Title: Inspector Date: 10-1-15  
 Field Reviewed?  Yes  No

OCT 08 2015



**OPERATOR'S WELL NO.:**  
604113 (E. W. Smith #2)

**LEGEND**



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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: \_\_\_\_\_ Date: \_\_\_\_\_

Field Reviewed?          Yes          No

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 Office of Oil and Gas

SEP 23 2015

WV Department of  
 Energy and Mineral Resources  
 10/09/2015

4102395P

Topo Quad: Weston 7.5' Scale: 1" = 2000'  
 County: Lewis Date: April 24, 2015  
 District: Hackers Creek Project No: 73-12-00-08

47-041-02395 WV 604113 (E. W. Smith #2)

Topo



B.H.  
10-1-15

E. W. Smith #2  
47-041-02395  
WV 604113

RECEIVED  
Office of Oil and Gas

OCT 08 2015

WV Department of  
Environmental Protection

NAD 27, South Zone  
 N: 748,537.08  
 E: 2,156,581.36  
 WGS 84  
 LAT: 39.054397  
 LONG: -80.448483  
 ELEV: 1176.02



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

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

PREPARED FOR:

**EQT Production Company**

P.O. Box 280  
Bridgeport, WV 26330

10/09/2015

410 2395 P

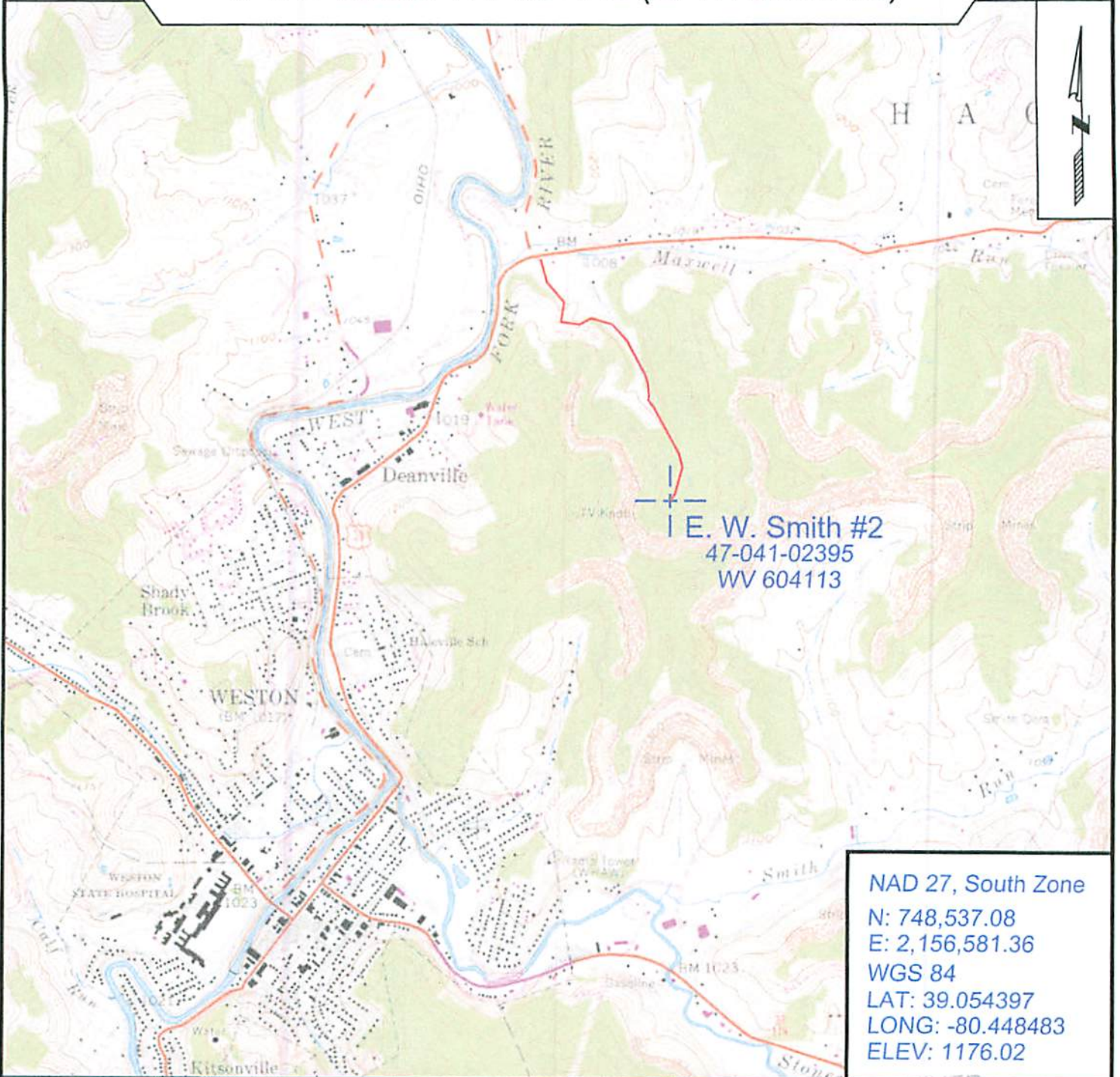
Topo Quad: Weston 7.5' Scale: 1" = 2000'

County: Lewis Date: April 24, 2015

District: Hackers Creek Project No: 73-12-00-08

47-041-02395 WV 604113 (E. W. Smith #2)

Topo



E. W. Smith #2  
 47-041-02395  
 WV 604113

NAD 27, South Zone  
 N: 748,537.08  
 E: 2,156,581.36  
 WGS 84  
 LAT: 39.054397  
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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:

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 Office of Oil and Gas  
**EQT Production Company**  
 P.O. Box 280  
 Bridgeport, WV 26330

WV Department of Environmental Protection  
 10/09/2015



## POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY  
 LEASE NAME AND WELL No. E. W. Smith #2 - WV 604113 - API No. 47-041-02395

### POTENTIAL SAMPLE LOCATIONS

There appears to be no known water samples within the required 1000' of the existing well WV 604113.

**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:* 304-756-2948  
*fax:* 304-756-2948

**RANSON OFFICE**  
 401 South Fairfax Blvd, Suite 3  
 Ranson, WV 25478  
*phone:* 304-724-5008  
*fax:* 304-724-5010

SEP 23 2015

Topo Quad: Weston 7.5'

Scale: 1" = 2000'

County: Lewis

Date: April 24, 2015

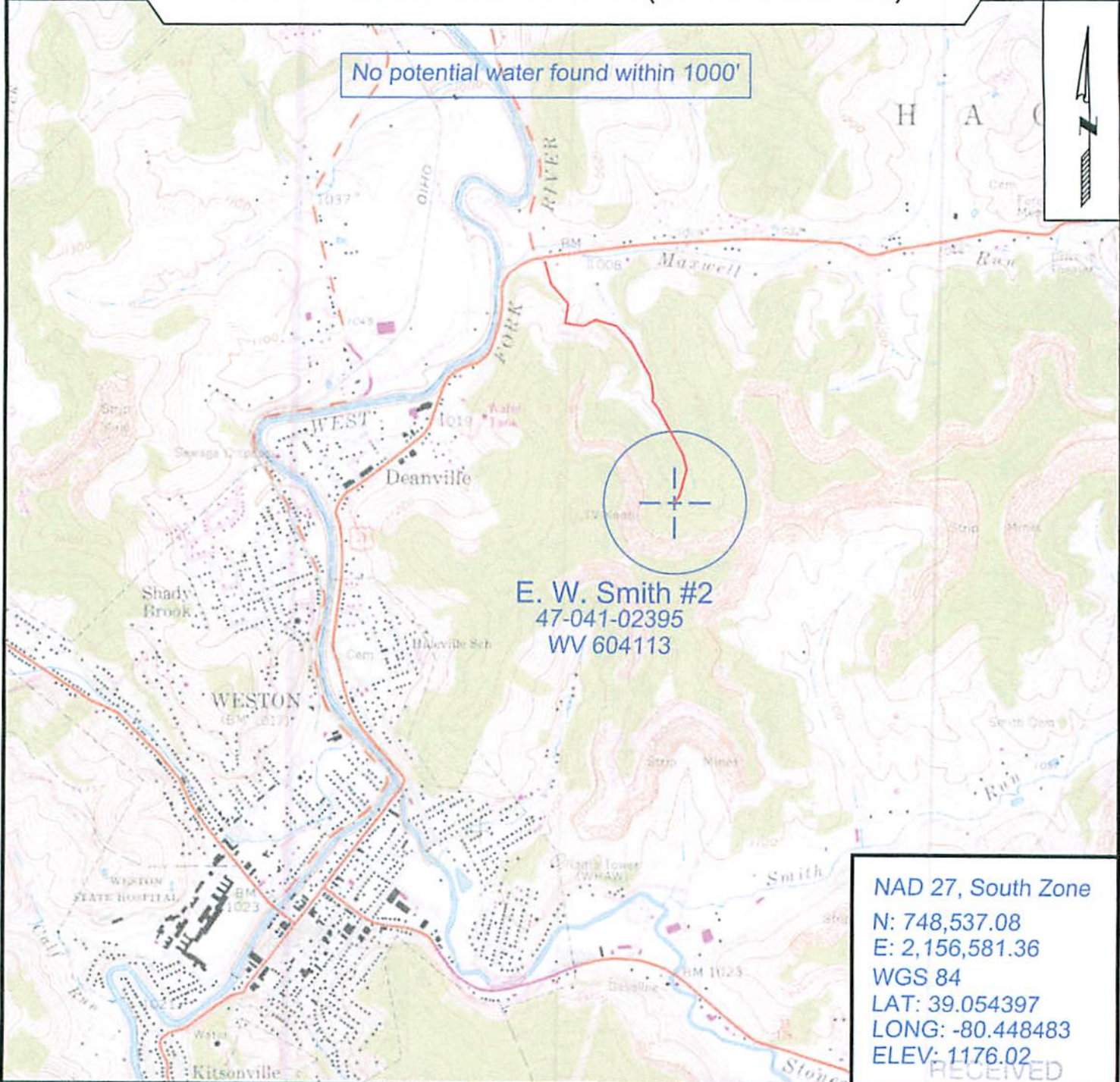
District: Hackers Creek

Project No: 73-12-00-08

Water

47-041-02395 WV 604113 (E. W. Smith #2)

No potential water found within 1000'



E. W. Smith #2  
47-041-02395  
WV 604113

NAD 27, South Zone  
N: 748,537.08  
E: 2,156,581.36  
WGS 84  
LAT: 39.054397  
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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

Office of Oil and Gas

WV Department of Environment

10/09/2015

WW-7  
8-30-06



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

API: 47-041-02395 WELL NO.: WV 604113 (E.W. Smith #2)

FARM NAME: Smith

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Lewis DISTRICT: Hackers Creek

QUADRANGLE: Weston 7.5'

SURFACE OWNER: I. L. Morris

ROYALTY OWNER: I. L. Morris, et al.

UTM GPS NORTHING: 4322958

UTM GPS EASTING: 547720 GPS ELEVATION: 358 m (1176 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.

Signature

PS#2180  
Title

RECEIVED  
Office of Oil and Gas  
4/20/15  
Date SEP 23 2015