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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Jim Justice , Governor  
Austin Caperton , Cabinet Secretary  
www.dep.wv.gov

Thursday, January 19, 2017  
WELL WORK PERMIT  
Vertical / Plugging

EQT PRODUCTION COMPANY (A)  
120 PROFESSIONAL PLACE  
BUILDING II  
BRIDGEPORT, WV 26330

Re: Permit approval for HIBBS 6007  
47-091-00158-00-00

This well work permit 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 any additional specific 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.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.



James A. Martin  
Chief

Operator's Well Number: HIBBS 6007  
Farm Name: TUROCZY, ROBERT P.  
U.S. WELL NUMBER: 47-091-00158-00-00  
Vertical / Plugging  
Date Issued: 1/19/2017

Promoting a healthy environment.

01/20/2017

# PERMIT CONDITIONS

## COALBED METHANE WELLS

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. If this well is associated with a mine through by a coal operator, then the plugging methodology (work order) must have Mine Safety and Health Administration (MSHA) approval.

9100158P

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

Date: November 14, 2016  
Operator's Well \_\_\_\_\_  
Well No. 606007 (S. W. Hibbs #6007)  
API Well No.: 47 091 - 00158

**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: 1335 ft. Watershed: Husted Fork  
Location: Booths Creek County: Taylor Quadrangle: Rosemont 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 Kenneth Greynolds  
Name: 613 Broad Run Road  
Address: Jane Lew, WV 26378

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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NOV 21 2016  
WV Department of  
Environmental Protection

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 KEN GREYNOLDS Date \_\_\_\_\_  
by jwm

01/20/2017

PLUGGING PROGNOS

Equitrans #6007  
606007  
API# 47-091-00158  
District, Booths Creek  
Taylor County, WV

BY: R Green  
DATE: 11/7/16  
**CURRENT STATUS:**  
**TD @ 2302'**  
**Elevation @ 1341'**

10" conductor @ 323'  
8 1/4" casing @ 885'  
6 5/8" casing @ 1288'  
3" tubing @ 1959' (set on 3" X 6 5/8" packer @ 1959')

**Fresh Water @ 38'**  
**Saltwater @ 615'**  
**Oil Show @ None Reported**  
**Gas shows @ 1777'**  
**Coal @ 450'**

OK  
Lynn

1. Notify inspector, Kenneth Greynolds @ 304- 206-6613, 24 hrs. prior to commencing operations.
2. If any casings without cement in the annulus cannot be retrieved, make sure to consult with Inspector and to perforate all saltwater, freshwater, coal, oil and gas shows, and elevation in the well.
3. TIH check TD, and attempt to locate 3" X 6 5/8" packer.
4. Attempt to release 3" X 6 5/8" packer set at 1959', if unable to release packer, TIH, perforate 3" tubing below packer @ 2200, pump 20 bbl. of 6% gelled water, then set 200' C1A cement plug, 2200' to 2000'. WOC 8 hrs., tag TOC add additional C1A cement if necessary.
5. TIH cut 3" tubing at 1900', set 300' C1A cement plug 1900' to 1600',
6. TOOH to 1600' gel hole 1600' to 1400'.
7. TOOH to 1400', set 200' C1A cement 1400' to 1200'. (6 5/8" casing seat, & elevation) Gel hole to next plug.
8. Free point 6 5/8" casing, cut casing at free point. TOOH casing.
9. Set 100' C1A cement plug 50' in/out of casing cut. Perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs. Gel hole to next plug.
10. TOOH top of casing cut plug to 950', set 200' C1A cement plug 950' to 750' (8 1/4" casing seat). Gel hole to next plug.
11. TOOH to 350' Set 100' C1A cement plug 350' to 250'.
12. Free point and cut 10" casing, set 100' C1A cement plug 50' in/out of casing cut. Perforate all freshwater, saltwater, coal oil and gas shows below cut. Do not omit any plugs.
13. If unable to cut and pull 10" casing, TIH and perforate 10" casing with 3 holes each @ 200', 150', 100', & 50'. Set 250' C1A cement plug 250' to surface.
14. Erect monument with API#, date plugged, company name and company 6-digit ID#.
15. Reclaim location and road to WV-DEP specifications.

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. \_\_\_\_\_ Oil or Gas Well "GAS"  
(KIND)

Company Pittsburgh & West Va Gas Company.  
Address Clarksburg, West Va.  
Farm S. W. Hibbs Acres \_\_\_\_\_  
Location (waters) Fairmont S/W. 2-3  
Well No. 6007 Elev. 1341'  
District Booths Creek County Taylor  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced July 14th, 1915  
Drilling completed August 25th, 1915  
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.  
Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18			
10	323'	323'	Size of
8 1/2	885'	885'	
6 3/8	1288'	1288'	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Linors Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 450 FEET 36 INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay	Yellow	Soft	0	16	Water	38'	hole full.
lms Stone	Dark	Hard	16	41			
Sand	White	"	41	91			
Red Rock	Red	Soft	91	166			
Lime	Dark	Hard	166	201			
Sand	White	"	201	211			
Red Rock	Red	Soft	211	235			
Little Dunkard	White	Hard	235	260			
Slate	Dark	Soft	260	285			
Lime	"	Hard	285	305			
Slate	"	Soft	305	330			
Big Dunkard	White	Hard	330	390			
Lime	Dark	"	390	450			
Coal	Black	Soft	450	453			
Slate	Dark	"	453	478			
Lime	White	Hard	478	538			
Slate	Dark	Soft	538	560			
Gas Sand	White	Hard	560	610			
Slate	Dark	Soft	610	640			
Lime	"	Hard	640	660			
Slate	"	Soft	660	720			
1st. Salt Sand	White	Hard	720	800			
Slate	Dark	Soft	800	805			
2nd. Salt Sand	White	Hard	805	840			
Slate	Dark	Soft	840	870			
Lime	"	Hard	870	890			
3rd. Salt Sand	White	"	890	950			
Slate	Dark	Soft	950	970			
Lime	"	Hard	970	1000			
Maxon Sand	White	"	1000	1100			
Red Rock	Red	Soft	1100	1165			
Lime	White	Hard	1165	1190			
Slate	Dark	Soft	1190	1228			
Big Lime	White	Hard	1228	1301			
Big Injun	"	"	1301	1392			
Slate&Shells	Dark	Soft	1392	1750	Gas	1777'	
Sand (50')	White	Hard	1750	1865			
Slate&Shells	Dark	"	1865	1926			
Red Rock	Red	Soft	1926	1930			

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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Gordon Stray	White	Hard	1930	1940			
Shells	Dark	"	1940	1954			
Gordon Sand	"	"	1954	1970			
Slate&Shells	"	"	1970	2000			
Red Rock Shells		Soft	2000	2165			
Lime	White	Hard	2165	2170			
Slate	Dark	Soft	2170	2185			
5th.Sand	Red	"	2185	2221	Gas	2197-2201'	
Lime	Dark	Hard	2221	2241			
Sand	Red	"	2241	2250			
Slate	Dark	Soft	2250	2255			
Byard Sand	"	Hard	2255	2271			
Slate	Light	Soft	2271	2300			
Sand	White	Hard	2300	2302			
Total Depth.....				2302			

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Date November 21, 19\_\_\_\_\_  
APPROVED \_\_\_\_\_, Owner  
By \_\_\_\_\_ (Title) 01/20/2017

Pittsburgh & West Virginia Gas COMPANY

9100158P

Record of Well No. 6007 Located on S. W. Hibbs Farm 5-6-15 19  
 Booths Creek District Taylor County W. Va. State  
 Division J District No. --- Drilled under Well Order L. L.  
 Rig built by John Craig Began ~~7-12-15~~ 7-8 1915 Completed ~~8-25-15~~ 7-13-15 19  
 Well drilled by W. M. Barnhart Began 7-14-15 19 Completed 8-25-15 19  
 Depth of Well 2302 feet 6-5/8" Size of Hole --- Producing Gas

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
16'	13"	Wood	
323'	10"	Old	17 Jts
885'	8-1/4"	Old	44 Jts
1294'	6-5/8"	Old	64 Jts

COAL VEINS

NAME	TOP	BOTTOM	FORMATIONS			REMARKS
			OIL	GAS	WATER	
Little Dunkard	235	260				
Big Dunkard	330	390				
Gas Sand	560	610				
1st Salt Sand	720	800				
2nd Salt Sand	805	840				
3rd Salt Sand	890	950				
Maxon	1000	1100				
Big Lime	1228	1301				
Big Injun	1301	1392				
Fifty Foot	1750	1865				
Gordon Stray	1930	1940				
Gordon	1954	1970				
Fifth Sand	2185	2221				
Bayard	2255	2271				

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FIRST PRESSURE TEST IN 6-5/8" CASING			REMARKS
30 Sec.	9	lbs.	
1 Min.	13	"	
2 "	22	"	
5 "	49	"	
10 "	92	"	
15 "	134	"	
30 "	252	"	
Rock Pressure	940	" in 24 hours	
Taken	8-25-1915	19	
By	Jed Breedlove		26 tenths water in 3"

9100158P

WELL TUBED AND PACKED 8-25-1915 19

- VIZ:-
- 2321 feet 3" Tubing (110 Jts)
  - 2 - 6-5/8 X 3 anchor Packers
  - 1 - Packer set at 1452 feet in Bayard Sand
  - 1 - Packer set at 1959 feet in Gordon Sand

FIRST PRESSURE TEST IN 3" TUBING			REMARKS
30 Sec.	20	lbs.	
1 Min.	32	"	
2 "	54	"	
5 "	120	"	
10 "	220	"	
15 "	314	"	
30 "	500	"	
Rock Pressure	920	" in 24 hours	
Taken	8-25-1915	19	
By	Jed Breedlove		24 tenths water in 3"

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

- 1 - Old Wooden Rig from D M Kester Well 6003
- 5525592 feet New Lumber from D. L. Brown



9160158P

WW-4-A  
Revised 6/07

1) Date: November 14, 2016  
2) Operator's Well Number  
606007 (S. W. Hibbs #6007)  
3) API Well No.: 47 091 - 00158  
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 Robert and Shirley Turoczy  
Address 3564 Middleville Road  
Flemington, WV 26347  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Kenneth Greynolds  
Address 613 Broad Run Road  
Jane Lew, WV 26378  
Telephone (304) 553-6087

5) (a) Coal Operator:  
Name Arch Coal  
Address c/o Vaughn Miller  
100 Tygart Drive  
Grafton, WV 26354  
(b) Coal Owner(s) with Declaration  
Name Robert and Shirley Turoczy  
3564 Middleville Road  
Address Flemington, WV 26347  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name Arch Coal  
Address c/o Vaughn Miller  
100 Tygart Drive  
Grafton, WV 26354

**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 15th day of November, 2016  
Misty S. Christie Notary Public  
NOV 21 2016  
2/20/17

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).

NOTARY PUBLIC  
Misty S Christie  
1207 Briercliff Rd  
Bridgeport, WV 26330  
My Commission Expires February 20, 2018

01/20/2017

9100158P

WW-9  
Revised 5/16

Page \_\_\_\_ of \_\_\_\_  
2) Operator's Well Number  
606007 (S. W. Hibbs #6007)  
3) API Well No.: 47 091 - 00158

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**OFFICE OF OIL & GAS**  
**FLUIDS / CUTTINGS DISPOSAL & RECLAMATION PLAN**

Operator Name: EQT PRODUCTION COMPANY OP CODE: \_\_\_\_\_

Watershed (HUC 10): Husted Fork Quadrangle: Rosemont 7.5'  
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes\_\_\_ NoX

Will a pit be used? Yes X No\_\_\_  
If so, please describe anticipated pit waste: \_\_\_\_\_  
Will a synthetic liner be used in the pit? Yes X No\_\_\_ Is so, what ml.? 20 40ml

Proposed Disposal Method for Treated Pit Wastes:  
\_\_\_\_\_  
Land Application (if selected provide a completed form WW-9-GPP)  
\_\_\_\_\_  
Underground Injection (UIC Permit Number \_\_\_\_\_)  
X Reuse (at API Number -- Various \_\_\_\_\_)  
X Off Site Disposal Permit (Supply form WW-9 for disposal location. See attachment)  
\_\_\_\_\_  
Other: (Explain \_\_\_\_\_)

Will closed loop system be used? If so, describe: \_\_\_\_\_  
Drilling medium anticipated for this well? (vertical and horizontal)? Air, freshwater, oil based, etc. \_\_\_\_\_  
If oil based, what type? Synthetic, petroleum, etc. \_\_\_\_\_  
Additives to be used in drilling medium? \_\_\_\_\_  
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? \_\_\_\_\_

Permittee shall provide written notice to the Office of the Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, 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 term 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

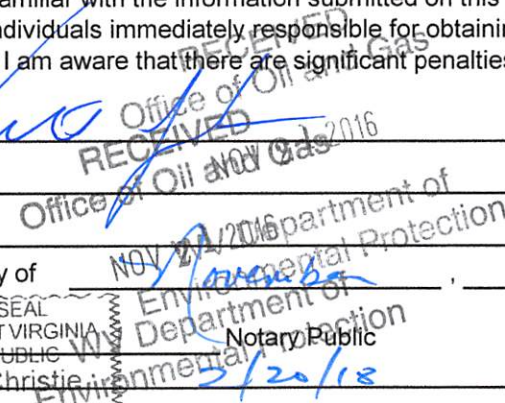
Company Official Signature \_\_\_\_\_

Company Official (Typed Name) Victoria J. Roark

Company Official Title Permitting Supervisor - WV

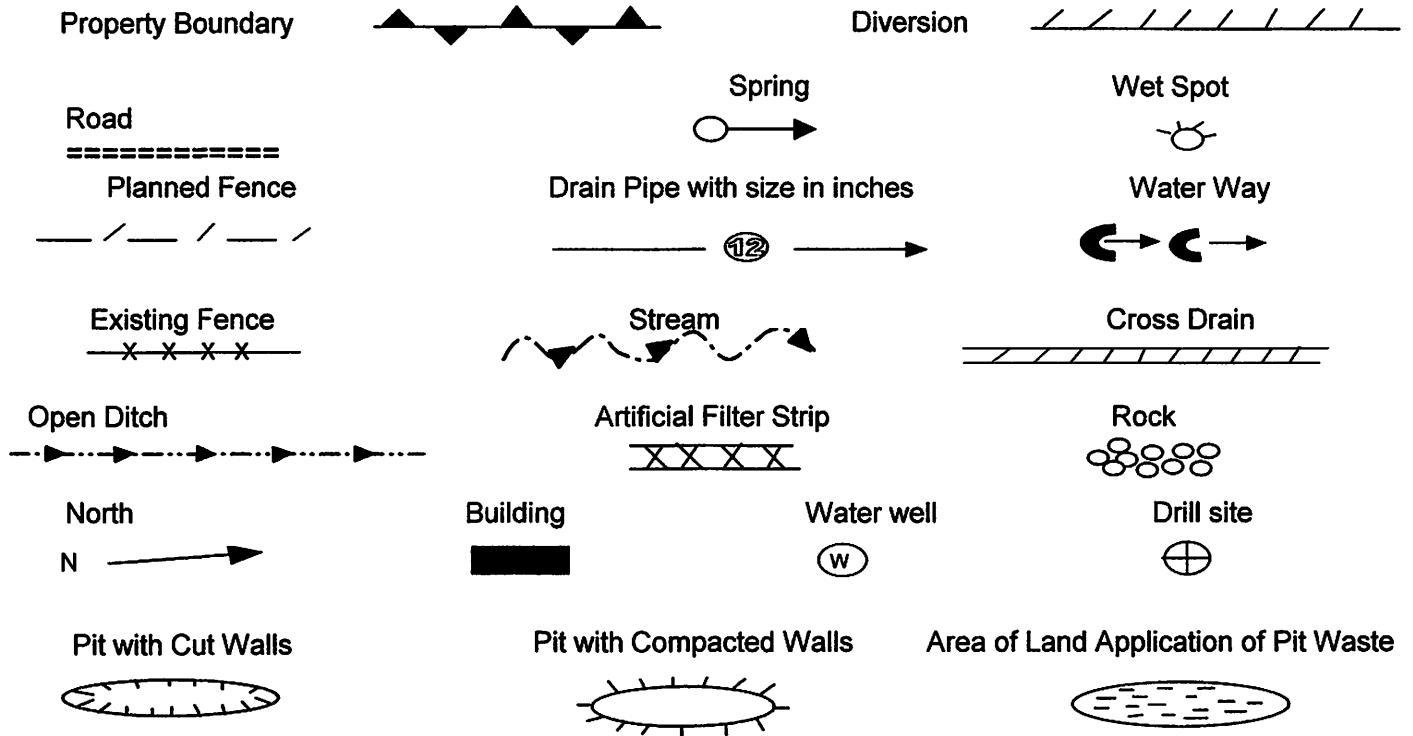
Subscribed and sworn before me this 15th day of NOV 2016, 2016

Misty S. Christie  
My Commission Expires \_\_\_\_\_  
Notary Public  
Misty S. Christie  
1207 Brierclyff Rd  
Bridgeport, WV 26330  
My Commission Expires February 20, 2018



01/20/2017

**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: \_\_\_\_\_

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

Title: \_\_\_\_\_

Field Reviewed?          Yes          No

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

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<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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Topo Quad: Rosemont 7.5' Scale: 1" = 500'

County: Taylor Date: October 6, 2016

District: Booths Creek Project No: 206-13-00-16

# 47-091-00158 WV 606007 (S.W. Hibbs #6007)

Topo

## Pit Location Map



Existing Well Access Road

47-091-00158  
WV 606007

**NAD 27, North Zone**  
N:299,948.60  
E:1,812,833.71

**WGS 84**  
LAT:39.321735  
LONG:-80.161386  
ELEV:1335.04'

### LEGEND

- PIT-CUT WALLS 
- PIT-COMPACTED WALLS 
- AREA OF LAND APPLICATION OF PIT WASTE 



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

01/20/2017

9100158P

Topo Quad: Rosemont 7.5' Scale: 1" = 200'

County: Taylor Date: October 6, 2016

District: Booths Creek Project No: 206-13-00-16

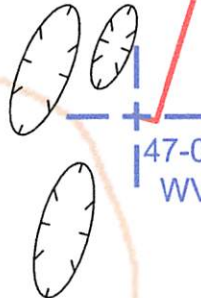
**47-091-00158 WV 606007 (S.W. Hibbs #6007)**

Topo

**Pit Location Map**



Existing Well  
Access Road



**LEGEND**

PIT-CUT WALLS



PIT-COMPACTED WALLS



AREA OF LAND APPLICATION  
OF PIT WASTE



**NAD 27, North Zone**  
N:299,948.60  
E:1,812,833.71

**WGS 84**  
DAT:39.321735  
LONG:-80.161386  
ELEV:1335.04'

RECEIVED  
Office of Oil and Gas



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**

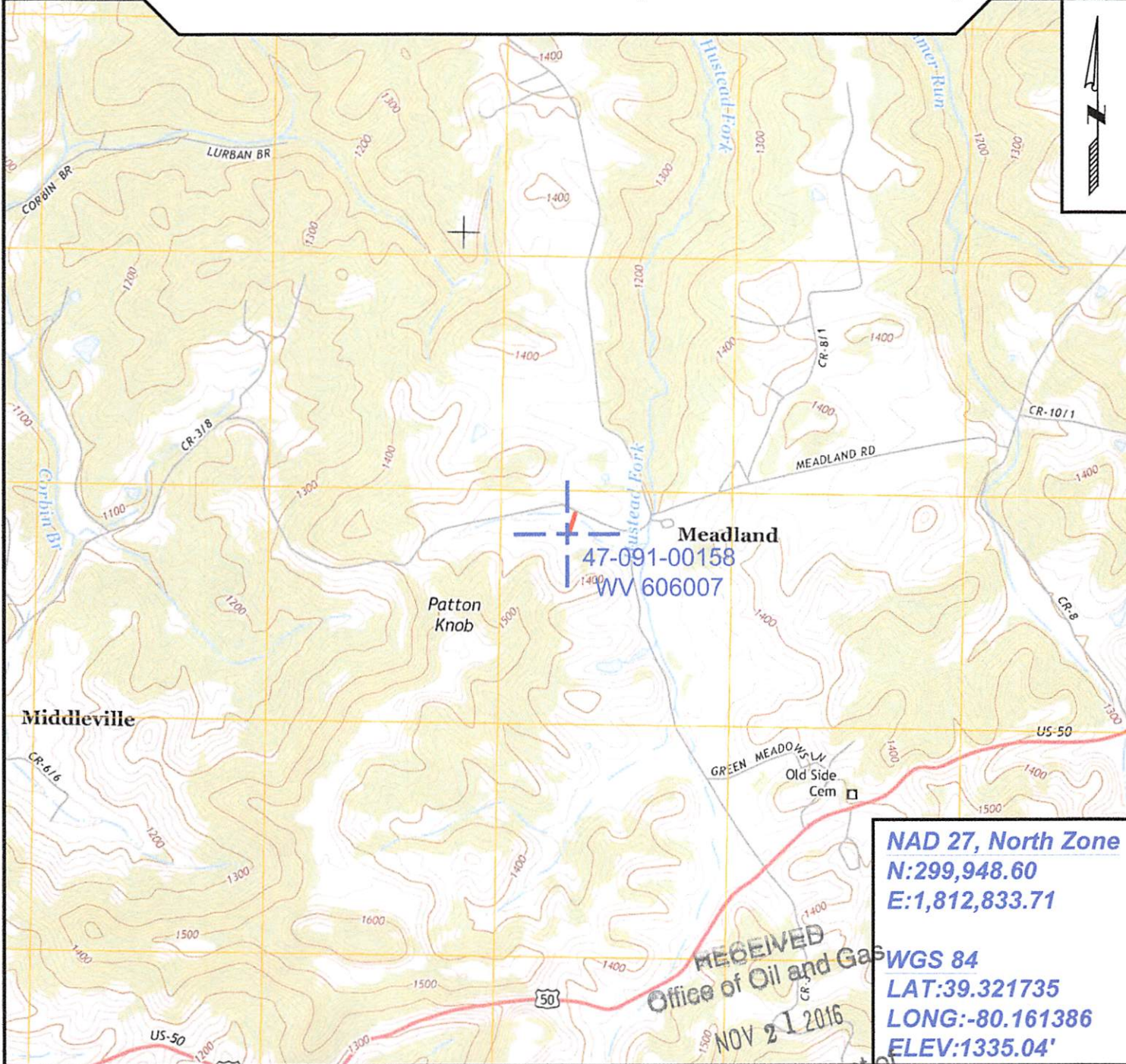
NOV 21 2016  
WV Department of Environmental Protection  
P.O. Box 280  
Bridgeport, WV 26330

01/20/2017

Topo Quad: Rosemont 7.5' Scale: 1" = 2000'  
 County: Taylor Date: October 6, 2016  
 District: Booths Creek Project No: 206-13-00-16

# 47-091-00158 WV 606007 (S.W. Hibbs #6007)

Topo



**NAD 27, North Zone**  
**N:299,948.60**  
**E:1,812,833.71**

**WGS 84**  
**LAT:39.321735**  
**LONG:-80.161386**  
**ELEV:1335.04'**

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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:  
 WV Department of Environmental Protection  
**EQT Production Company**  
 P.O. Box 280  
 Bridgeport, WV 26330

01/20/2017

WW-7  
8-30-06



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

API: 47-091-00158 WELL NO.: WV 606007 (S. W. Hibbs #6007)

FARM NAME: S. W. Hibbs

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Taylor DISTRICT: Booths Creek

QUADRANGLE: Rosemont 7.5'

SURFACE OWNER: Robert P. and Shirley J. Turoczy

ROYALTY OWNER: Robert P. and Shirley J. Turoczy, et al.

UTM GPS NORTHING: 4352816

UTM GPS EASTING: 572288 GPS ELEVATION: 407 m (1335 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:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. 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]  
Signature

PS # 2100  
Title

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 WV Department of Environmental Protection





## POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY  
 LEASE NAME AND WELL No. S. W. Hibbs #6007 WV 606007 47-091-00158

### POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 1000 +/- Owner: James & Janet Caltrider  
 Address: 3482 Middleville Rd., Flemington, WV 26347 Phone No. \_\_\_\_\_  
 Comments: Public water

Site: 2 Spacing: 839 +/- Owner: Barbara & Chris Carney  
 Address: 3529 Middleville Rd., Flemington, WV 26347 Phone No. \_\_\_\_\_  
 Comments: Public water

Site: 3 Spacing: 756 +/- Owner: Beverly McQuain  
 Address: 3518 Middleville Rd., Flemington, WV 26347 Phone No. \_\_\_\_\_  
 Comments: Water well

Site: 4 Spacing: 527 +/- Owner: Robert & Shirley Turoczy  
 Address: 3564 Middleville Rd., Flemington, WV 26347 Phone No. \_\_\_\_\_  
 Comments: \_\_\_\_\_

Site: 5 Spacing: 1000 +/- Owner: Edward Varner  
 Address: 3597 Middleville Rd., Flemington, WV 26347 Phone No. \_\_\_\_\_  
 Comments: Water well

Site: 6 Spacing: 498 +/- Owner: Robert & Alicia Rhodes  
 Address: 3663 Middleville Rd., Flemington, WV 26347 Phone No. \_\_\_\_\_  
 Comments: Public water

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 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

**ALUM CREEK OFFICE**  
 P.O. Box 108  
 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

## POTENTIAL SAMPLE LOCATIONS (CONTINUED)

Site: 7 Spacing: 802 +/- Owner: Mary Ann Hurst  
 Address: 3653 Middleville Rd., Flemington, WV 26347 Phone No. \_\_\_\_\_  
 Comments: \_\_\_\_\_

Site: 8 Spacing: 453 +/- Owner: Mary Ann Hurst  
 Address: 3653 Middleville Rd., Flemington, WV 26347 Phone No. \_\_\_\_\_  
 Comments: Public water

Site: 9 Spacing: 241 +/- Owner: Franklin Beverly  
 Address: 3784 Middleville Rd, Flemington, WV 26347 Phone No. \_\_\_\_\_  
 Comments: Public water

Site: 10 Spacing: 502 +/- Owner: Joshua Shuttleworth  
 Address: 3759 Middleville Rd., Flemington, WV 26347 Phone No. \_\_\_\_\_  
 Comments: \_\_\_\_\_

Site: 11 Spacing: 829 +/- Owner: Paul Selmon  
 Address: 1175 Meadland Rd., Bridgeport, WV 26330 Phone No. \_\_\_\_\_  
 Comments: Public water

Site: 12 Spacing: 832 +/- Owner: Maureen Corrigan  
 Address: 1125 Meadland Rd., Bridgeport, WV 26330 Phone No. \_\_\_\_\_  
 Comments: Public water

Site: 13 Spacing: 585 +/- Owner: Ryan & Courtney McKinney  
 Address: 3791 Middleville Rd., Flemington, WV 26347 Phone No. \_\_\_\_\_  
 Comments: Public water

Site: 14 Spacing: 721 +/- Owner: Eric & Erin Lough  
 Address: 3815 Middleville Rd., Flemington, WV 26347 Phone No. \_\_\_\_\_  
 Comments: Public water

Site: 15 Spacing: 903 +/- Owner: Michael Thomas & Rose A. Leuelle  
 Address: 3857 Middleville Rd., Bridgeport, WV 26330 Phone No. \_\_\_\_\_  
 Comments: \_\_\_\_\_

Site: 16 Spacing: 844 +/- Owner: Daniel McMillion  
 Address: 3846 Middleville Rd., Flemington, WV 26347 Phone No. \_\_\_\_\_  
 Comments: Home unoccupied/Abandoned

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POTENTIAL SAMPLE LOCATIONS (CONTINUED)

Site: 17 Spacing: 730 +/- Owner: Mary Cather  
Address: 925 Meadland Rd., Bridgeport, WV 26330 Phone No. \_\_\_\_\_  
Comments: \_\_\_\_\_

Site: 18 Spacing: 923 +/- Owner: Dianna Simmons  
Address: 883 Meadland Rd., Bridgeport, WV 26330 Phone No. \_\_\_\_\_  
Comments: \_\_\_\_\_

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9100158 P

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

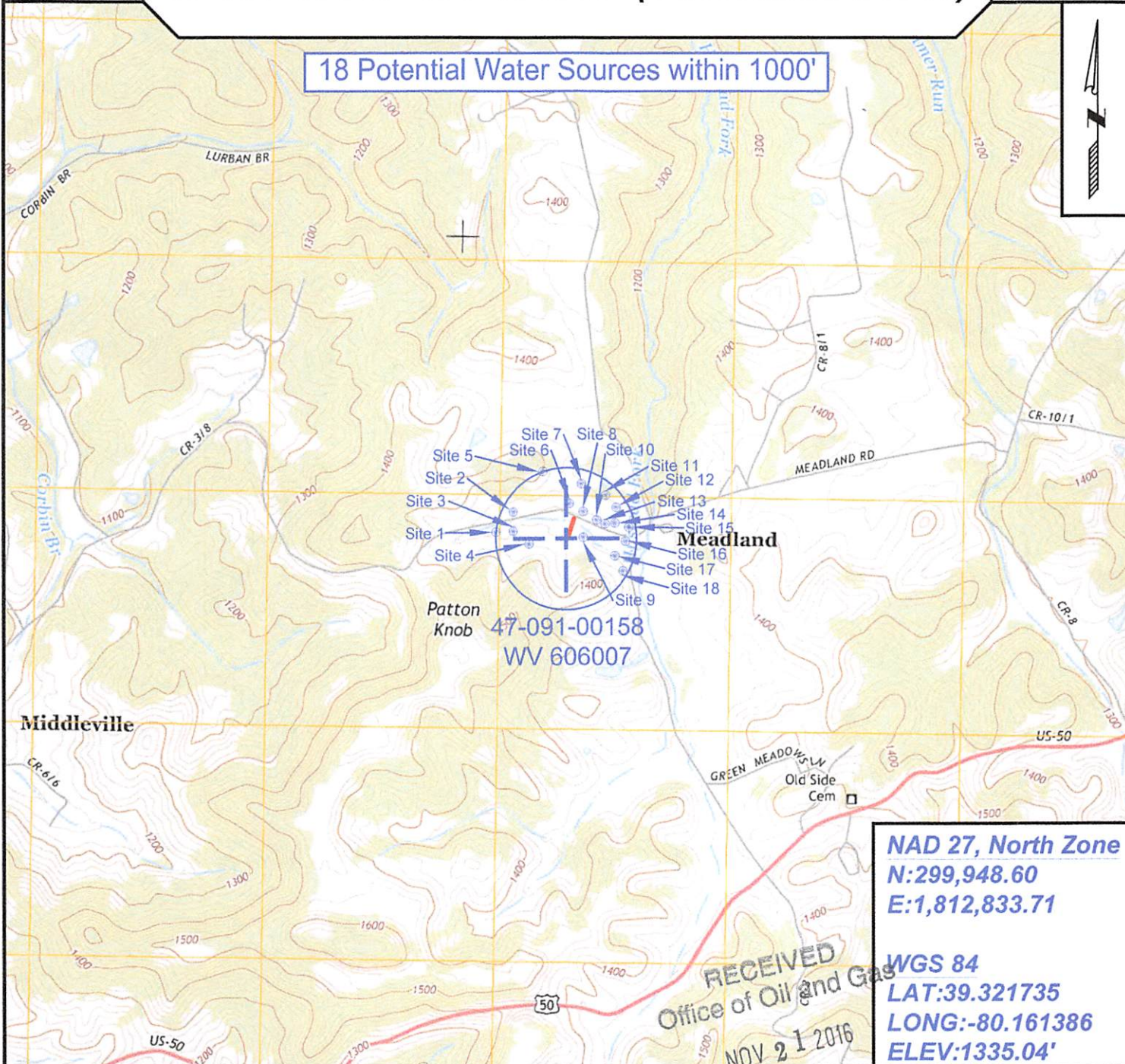
County: Taylor Date: October 6, 2016

District: Booths Creek Project No: 206-13-00-16

Water

### 47-091-00158 WV 606007 (S.W. Hibbs #6007)

18 Potential Water Sources within 1000'



**NAD 27, North Zone**  
**N:299,948.60**  
**E:1,812,833.71**

**WGS 84**  
**LAT:39.321735**  
**LONG:-80.161386**  
**ELEV:1335.04'**

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