west virginia department of environmental protection

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

Earl Ray Tomblin , Governor
Randy C. Huffman , Cabinet Secretary
www.dep.wv.gov

Thursday, September 22, 2016
WELL WORK PERMIT
Vertical / Plugging

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

Re: Permit approval for 1-S-B-58
47-001-00840-00-00

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: 1-S-B-58
Farm Name: DAYTON, PHILLIPS
U.S. WELL NUMBER: 47-001-00840-00-00
Vertical / Plugging
Date Issued: 9/22/2016

100840P

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

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.

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20672
400.00

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

Date: August 4, 2016
Operator's Well
Well No. 149901 (Dayton Phillips B-58)
API Well No.: 47 001 - 00840

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: 1548 ft. Watershed: Tygarts Valley River
Location: Philippi County: Barbour Quadrangle: Philippi
District:

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

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

8) Oil & Gas Name: Kenneth Greynolds
Address: 613 Broad Run Road, 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.

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 [signature] Date 8-31-16

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PLUGGING PROGNOSIS
Dayton, Phillips B-58 (149901)
Barbour Co. WV
District, Philippi
API # 47- 001- 00840

BY: Craig Duckworth
DATE: 7/18/16

ELEVATION: 1548

CURRENT STATUS:

11 3/4" csg @ 19' (cts)
8 5/8" csg @ 760' (cts)
4 1/2" csg @ 4068' (to 2100')

Elevation @ ~~1591~~'' 1548'

TD: 4068'

Fresh Water @ 25' 35' Coal @ 55'-57, 280'-283', 323'-327', 384'-387'
Saltwater @ 1495' BENSON 3935 to 3965
Gas shows @ Sand Silt 4007', Brown Sand 3911', Sand Shale 3632', Sand Shale 3102'

1. Notify State Inspector, Kenneth Greynolds @ (304) 206-6613, 48 hrs. Prior to commencing operations.
2. Check TD w/wireline
3. TIH w/tbg to 4068' or actable TD', set 500'C1A cement plug from 4068' to 3568 '. (Gas shows @ Sand Silt 4007', Brown Sand 3911', Sand Shale 3632') WAIT 4 HRS, TAG CEMENT, ADD CEMENT IF NEEDED
4. TOC ON 4½" WILL BE ABOVE 3100'.
5. TOOH w/tbg to 3632', gel hole 3632' to 3152'
6. TOOH w/tbg to 3152' set 200' C1A cement plug from 3152' to 2952', (Gas Show @ 3102').
7. TOOH w/tbg to 2952' gel hole 2952' to 2150'
8. TOOH w/tbg, Free point 4 1/2" csg, cut csg @ free point, TOOH w/csg.
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
10. TIH w/tbg to 2150', set 200' C1A cement plug 2150' to 1950'. (4 ½" csg cut).
11. TOOH w/tbg to 1950' gel hole 1950' to 1591'
12. TOOH w/tbg to 1591' set ~~200'~~ 240' C1A cement plug from 1591' to 1351', (Elev. @ 1548' ~~1591'~~)
13. TOOH w/tbg to 1351' gel hole 1351' to 810'
14. TIH w/tbg to 810' set 200' C1A cement plug from 810' to 610' (8 5/8" csg 760')
15. TOOH w/tbg to 610' gel hole from 610' to 437'.

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16. TOOH w/tbg to 437', set 437' C1A cement plug 437' to 0'. (Coal Shows @ 387'-384', 327'-323', 283'-280', 57'55' FW @ 35',25').
17. Erect monument with API#
18. Reclaim location and road to WV-DEP specifications.

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AUG 19 2016

OG-10
Rev. - 9-71

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RECEIVED
AUG 17 1977
OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Philippi
Permit No. BAR 840

Rotary X Oil ____
Cable ____ Gas X
Recycling ____ Comb. ____
Water Flood ____ Storage ____
Disposal ____ ____ (Kind)

Company J & J Enterprises, c/o Berry Energy
Address 309 Professional Bldg., Clarksburg,
Farm Phillips-Dayton Acres 50-62½
Location (waters) Tygart River
Well No. B-58 Elev. 1591'
District Philippi County Barbour
The surface of tract is owned in fee by
James O'Neal
Address Route 1, Philippi, W. Va.
Mineral rights are owned by Elizabeth Phillips
Address 125 Main St., Philippi, W.Va.
Drilling Commenced 2/28/77
Drilling Completed 3/7/77
Initial open flow 57,000 cu. ft. - bbls.
Final production 1,570,000 cu. ft. per day - bbls.
Well open 3 hrs. before test 1940 RP. 72 hours

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16 Cond.			
13-10" 11 3/4	19	19	to surface
9 5/8			
8 5/8	760	760	to surface
7			
5 1/2			
4 1/2	4068	4068	to 2100
3			
2			
Liners Used			

Attach copy of cementing record.

Well treatment details:
Water Frac Benson
6/4/77

Benson 864 bbl fluid; 50,000# 20/40 sand, 500 gal acid

Coal was encountered at 55-57; 280-283; 323-327; 384-387 Feet Inches
Fresh water 25' 35' Feet ____ Salt Water ____ Feet ____
Producing Sand Benson Depth 4067 TD

Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water * Remarks
Clay Shale	0	55	H_2O 25' and 35'
Coal	55	57	
Sand, Shale	57	280	
Coal	280	283	
Shale	283	323	
Coal	323	327	
Sand, Shale	327	384	
Coal	384	387	
Sand, Shale	387	1125	
Little Lime	1125	1140	
Shale	1140	1195	
Big Lime	1195	1300	
Red Rock	1300	1305	
Injun	1305	1395	
Sand, Shale	1395	1420	
50 ft.	1420	1475	
Sand, Shale	1475	1495	2" Stm 1495
Gantz	1495	1530	
Sand, Shale	1530	1980	
4th	1980	2015	
Sand, Shale	2015	2160	
Fifth	2160	2175	
Sand Shale	2175	2960	Gas 3102 50/10 H^2O 1"
Balltown	2960	2975	Gas 3632 15/20/10 H^2O 1"
Sand Shale	2975	3925	
Brown Sand	3925	3965	Gas 3911 20-28/10 H^2O 1"
Sand Silt	3965	4067	Gas 4007 58-10 H^2O 1"
		4067 TD	

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AUG 19 2016

Date July 29, 1977

APPROVED J. & J. Enterprises, Inc.
by [signature]
W. B. BERRY (Ill.) OPERATOR

OG-11

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TATE OF WEST . .RGINIA

PARTMENT OF MINES

. AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. BAR-840

Oil or Gas Well (KIND) Gas

Company Berry Energy

Address Clarksburg,W.Va.

Farm Phillips-Dayton

Well No. B-58 (1)

District Philippi County Barbour

Drilling commenced 2-28-77

Drilling completed 3-7-77 Total depth Logg 4075 4067

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water 25 feet 35 feet

Salt water 1495 feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
~~XX~~ 11 3/4	19	None	
10			Size of
~~XX~~ 8 5/8	760	760	185 Bags cement
(Dowell) to surface			(Basket)
6 5/8			Depth set
5 3/16			
~~X~~ 4½"	4038	4038	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date

NAME OF SERVICE COMPANY Dowell

COAL WAS ENCOUNTERED AT 55 FEET 24 INCHES

280 FEET 36 INCHES 323 FEET 48 INCHES

384 FEET 36 INCHES _____ FEET _____ INCHES

Drillers' Names Miller---Herron----Myers--(S.W. Jack Drilling Co.) # 14

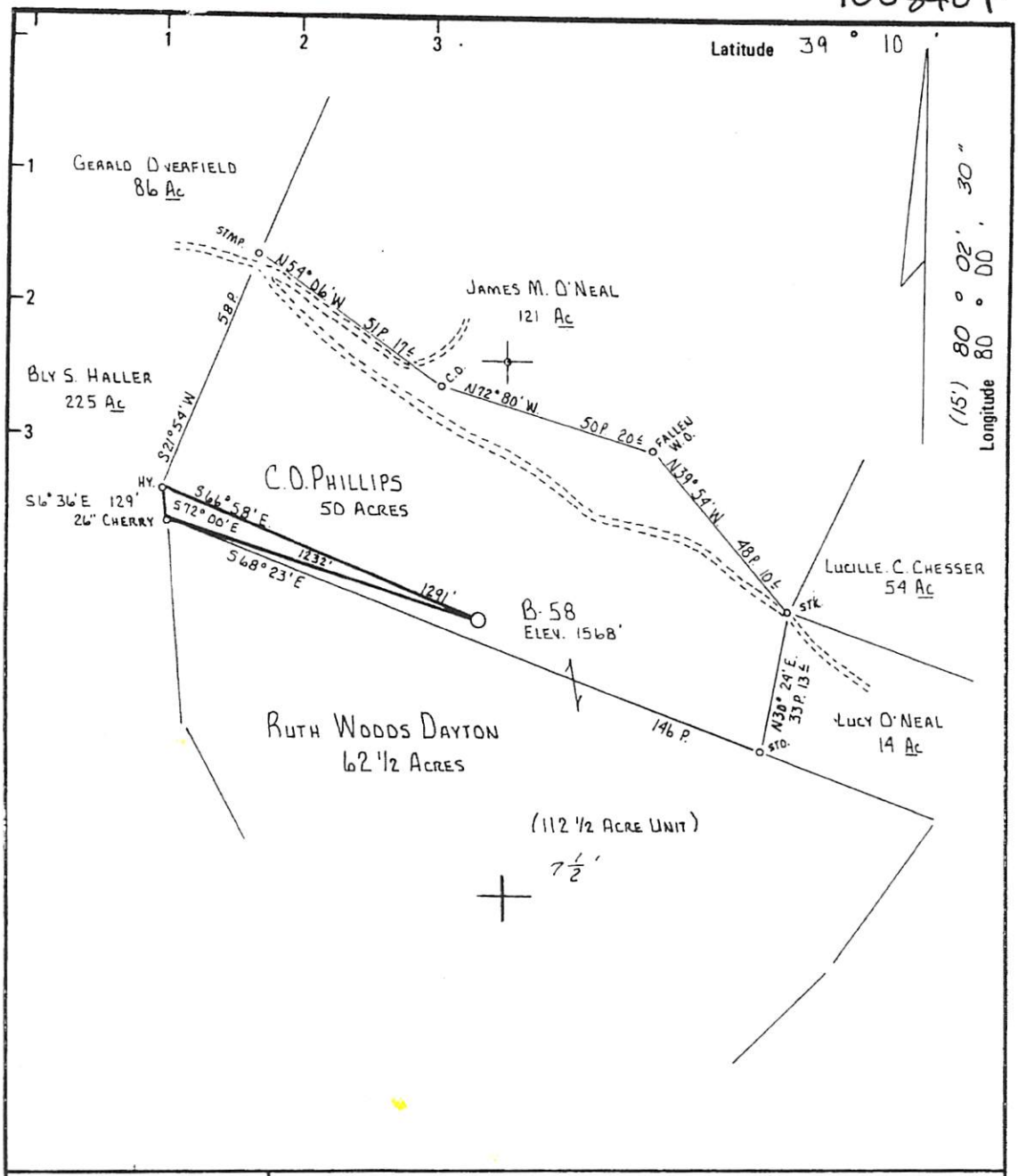
Remarks: Running 4½" casin.

Big Lime--1195 to 1300
Injun ----1300 to 1420
Gantz-- --1495 to 1530
5 th. ----2160 to 2175
Balltown -2960 to 2975
Benson ---3935 to 3965

3-7-77
DATE

Billie Hoofield
DISTRICT WELL INSPECTOR

100840 P



New Location ☒
Drill Deeper ☐
Abandonment ☐

Minimum Error of Closure ONE PART IN 200
Source of Elevation TRITTIPO & CLARK - O'NEAL NO. 1 WELL ELEV. 1585'

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company J. & J. ENTERPRISES, INC. BERRY ENERGY CONSULTANTS & MANGERS INC
Address PROFESSIONAL BUILDING, SUITE 309 CLARKSBURG, WEST VIRGINIA 26301
Farm C.O. PHILLIPS 68903 R.W. DAYTON 69018
Tract ____ Acres 50 Ac. 62 1/2 Ac. Lease No. 68903
Well (Farm) No. 1 Serial No. B-58
Elevation (Spirit Level) 1568'
Quadrangle PHILIPPI
County BARBOUR District PHILIPPI
Engineer Daniel L. Wheeler
Engineer's Registration No. 530 L.L.S.
File No. ____ Drawing No. B-617
Date 2-10-77 Scale 1" = 500'

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

WELL LOCATION MAP
FILE NO. BAR-840-REV

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

— Denotes one inch spaces on border line of original tracing.

47-001

PSP

N21664

Office of Oil & Gas AUG 19 2016

100840P

WW-4-A
Revised 6/07

1) Date: August 4, 2016
2) Operator's Well Number
149901 (Dayton Phillips B-58)
3) API Well No.: 47 - 001 - 00840
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: Craig G. Phillips
Address: P. O. Box 804
Belington, WV 26250

(b) Name:
Address:

(c) Name:
Address:

6) Inspector: Kenneth Greynolds
Address: 613 Broad Run Road
Jane Lew, WV 26378
Telephone: (304) 206-6613

5) (a) Coal Operator:
Name: Dante Coal Co.
Address: 5511 Staples Mills Road
Richmond, VA 23228

(b) Coal Owner(s) with Declaration
Name: Craig G. Phillips
P. O. Box 804
Address: Belington, WV 26250

Name: Mike Ross
Address: P. O. Box 217
Coalton, WV 26257

(c) Coal Lessee with Declaration
Name: Pittston Coal Company
Address: P. O. Box 768
Abingdon, VA 24212

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 8th day of August, 2016
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.

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

Received
Office of Oil & Gas
AUG 19 2016

100840 P

WW-9
Revised 2/03

Page ____ of ____
2) Operator's Well Number
149901 (Dayton Phillips B-58)
3) API Well No.: 47 001 - 00840

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: Tygarts Valley River Quadrangle: Philippi
Elevation: 1548 ft. County: Barbour District: Philippi
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.? **20 ~~10~~ ml**

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.

Company Official Signature ____
Company Official (Typed or Printed) Victoria Roark
Company Official Title Permitting Supervisor-WV
Subscribed and sworn before me this 8th day of August, 2016

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Office of Oil & Gas
AUG 19 2016

Misty S. Christie Notary Public
My Commission Expires 2/20/18

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

100840P

OPERATOR'S WELL NO.:
149901 (Dayton Phillips B-58)

LEGEND

Property Boundary

Diversion

Road

Spring

Wet Spot

Planned Fence

Drain Pipe with size in inches

Water Way

Existing Fence

Stream

Cross Drain

Open Ditch

Artificial Filter Strip

Rock

North

N

Building

Water well

Drill site

Pit with Cut Walls

Pit with Compacted Walls

Area of Land Application of Pit Waste

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

Seed Type	lbs/acre
Red Fescue	40
Alsike Clover	5
Annual Rye	15

Area II

Seed Type	lbs/acre
Red Fescue	15
Alsike Clover	5

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: RECLAIM, DISKED AND MULCH ASAP

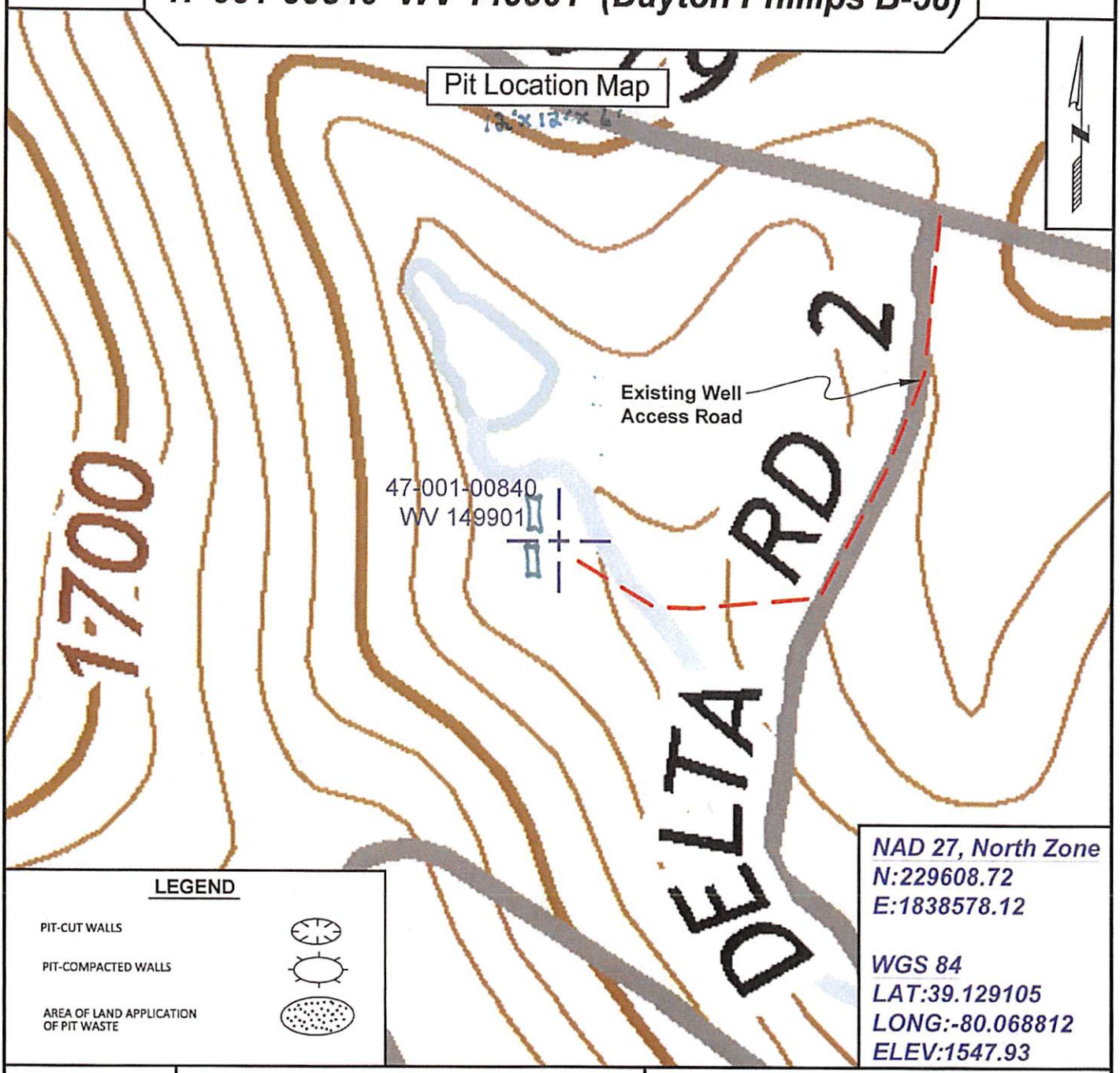
Title: OIL + GAS INSPECTOR Date: 8-31-16

Field Reviewed? _____ Yes ✓ No

100840P

Topo Quad:	Philippi 7.5'	**Scale:**	1" = 200'
County:	Barbour	**Date:**	August 12, 2016
District:	Philippi	**Project No:**	163-10-00-16

47-001-00840 WV 149901 (Dayton Phillips B-58)



LEGEND

PIT-CUT WALLS

PIT-COMPACTED WALLS

AREA OF LAND APPLICATION OF PIT WASTE

NAD 27, North Zone
N:229608.72
E:1838578.12

WGS 84
LAT:39.129105
LONG:-80.068812
ELEV:1547.93

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

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AUG 19 2016

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EQT Production Water plan
Offsite disposals

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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Office of Oil & Gas
AUG 19 2016

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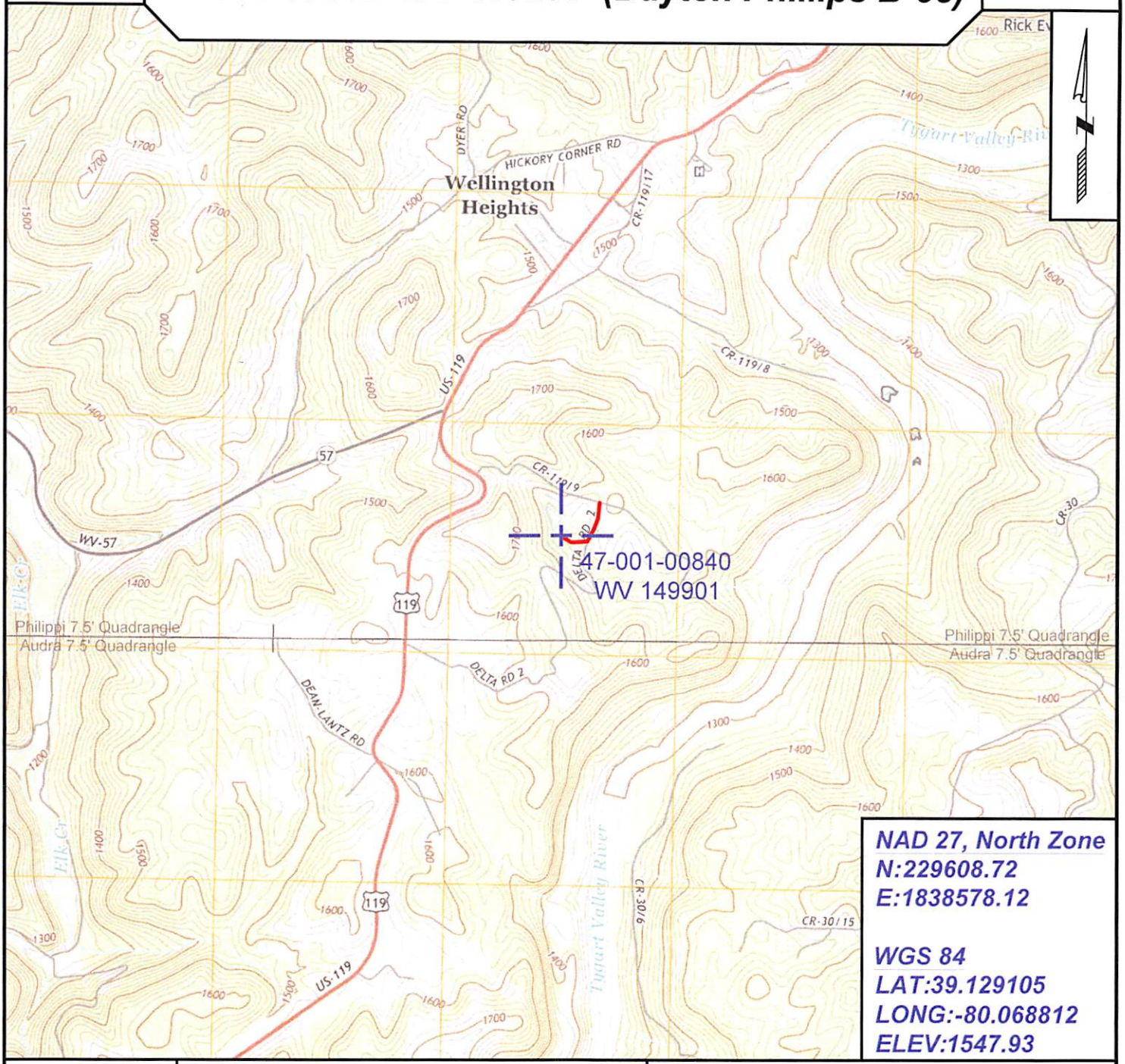
Topo Quad:	Philippi 7.5'	**Scale:**	1" = 2000'
County:	Barbour	**Date:**	July 26, 2016
District:	Philippi	**Project No:**	163-10-00-16

47-001-00840 WV 149901 (Dayton Phillips B-58)

Topo



NAD 27, North Zone
N:229608.72
E:1838578.12

WGS 84
LAT:39.129105
LONG:-80.068812
ELEV:1547.93

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

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Office of Oil & Gas
AUG 19 2016

1 00840 P

WW-7
8-30-06

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

API: 47-001-00840 **WELL NO.:** WV 149901 (Dayton Phillips B-58)

FARM NAME: Dayton Phillips

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Barbour **DISTRICT:** Philippi

QUADRANGLE: Philippi 7.5'

SURFACE OWNER: Craig G. Phillips

ROYALTY OWNER: Alderson Broaddus Endowment Corp., et al.

UTM GPS NORTHING: 4331516

UTM GPS EASTING: 580487 **GPS ELEVATION:** 472 m (1548 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.

Received
Office of Oil & Gas
AUG 19 2016

Signature | PS # 2180 Title | 7/28/16 Date

100840P

POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY.
LEASE NAME AND WELL No. Dayton Phillips B-58 - WV 149901 - API No. 47-001-00840.

POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 254 +/- Owner: Craig G. Phillips.
Address: P.O. Box 804, Belington, WV 26250. Phone No. _____.
Comments: _____.
Site: 2 Spacing: 304 +/- Owner: Craig G. Phillips.
Address: P.O. Box 804, Belington, WV 26250. 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

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

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Office of Oil & Gas
AUG 10 2016

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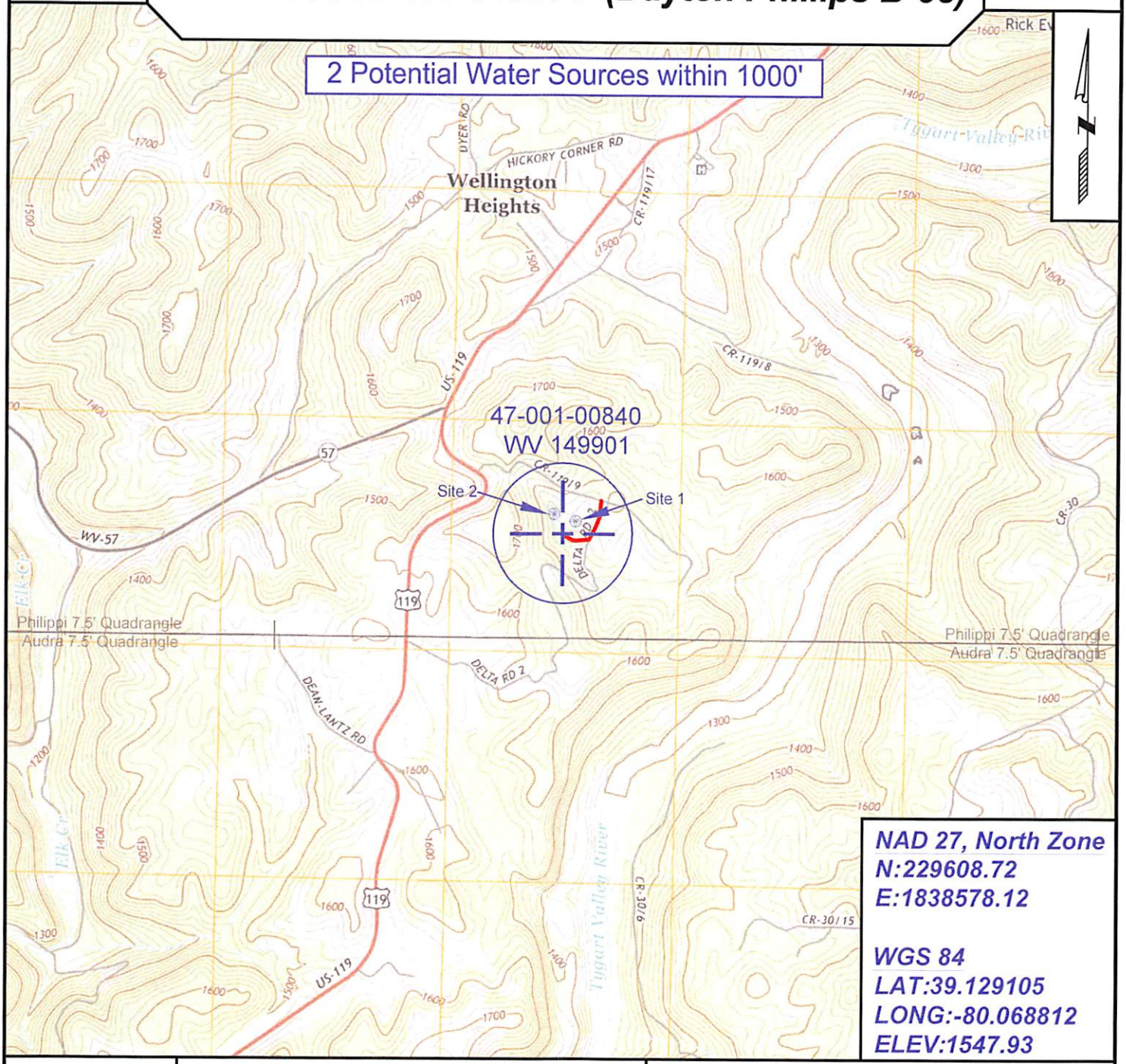
Topo Quad:	Philippi 7.5'	**Scale:**	1" = 2000'
County:	Barbour	**Date:**	July 26, 2016
District:	Philippi	**Project No:**	163-10-00-16

Water

47-001-00840 WV 149901 (Dayton Phillips B-58)



NAD 27, North Zone
N:229608.72
E:1838578.12

WGS 84
LAT:39.129105
LONG:-80.068812
ELEV:1547.93

SURVEYING AND MAPPING SERVICES PERFORMED BY:

ALLEGHENY SURVEYS, INC.
1-800-482-8606
237 Birch River Road
Birch River, WV 26610
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PREPARED FOR:

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Received
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