



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

Promoting a healthy environment.

09/23/2016

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.

100840 P

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 EQT Production Company
Address: 120 Professional Place
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.

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

09/23/2016

100840P

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 3935-403965**
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')
4. **TOC ON 4 1/2" WILL BE ABOVE 3100'. WAIT 4 HRS, TAG CEMENT, ADD CEMENT IF NEEDED**
5. TOO H w/tbg to 3632', gel hole 3632' to 3152'
6. TOO H w/tbg to 3152' set 200' C1A cement plug from 3152' to 2952', (Gas Show @ 3102').
7. TOO H w/tbg to 2952' gel hole 2952' to 2150'
8. TOO H w/tbg, Free point 4 1/2" csg, cut csg @ free point, TOO H 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 1/2" csg cut).
11. TOO H w/tbg to 1950' gel hole 1950' to 1591'
12. TOO H w/tbg to 1591' set ~~200'~~ **240'** C1A cement plug from 1591' to 1351', (Elev. @ ~~1548'~~ **1591'**)
13. TOO H 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. TOO H w/tbg to 610' gel hole from 610' to 437'.

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100840P

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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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division
WELL RECORD

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

Quadrangle Philippi
Permit No. BAR 840

Company <u>J & J Enterprises, c/o Berry Energy</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>309 Professional Bldg., Clarksburg,</u>	Size			
Farm <u>Phillips-Dayton</u> Acres <u>50-62 1/2</u>	20-16			
Location (waters) <u>Tygart River</u>	Cond.			
Well No. <u>B-58</u> Elev. <u>1591'</u>	13-10" 11 3/4	19	19	to surface
District <u>Philippi</u> County <u>Barbour</u>	9 5/8			
The surface of tract is owned in fee by <u>James O'Neal</u>	8 5/8	760	760	to surface
Address <u>Route 1, Philippi, W. Va.</u>	7			
Mineral rights are owned by <u>Elizabeth Phillips</u>	4 1/2	4068	4068	to 2100
Address <u>125 Main St., Philippi, W. Va.</u>	3			
Drilling Commenced <u>2/28/77</u>	2			
Drilling Completed <u>3/7/77</u>	Liners Used			
Initial open flow <u>57,000</u> cu. ft. - <u> </u> bbls.				
Final production <u>1,570,000</u> ft. per day - <u> </u> bbls.				
Well open <u>3</u> hrs. before test <u>1940</u> RP.				
Well treatment details: <u>72 hours</u>				

Attach copy of cementing record.

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 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 ₂ O	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 ₂ O 1"
Balltown			2960	2975	Gas	3632 15/20/10 H ₂ O 1"
Sand Shale			2975	3925		
Brown Sand			3925	3965	Gas	3911 20-28/10 H ₂ O 1"
Sand Silt			3965	4067	Gas	4007 58-10 H ₂ O 1"
				4067 TD		

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APPROVED J. P. J. Enterprises, Inc.
by W. B. Berry 09/23/2016
W. B. BERRY (11) OPERATOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
AND GAS WELLS DIVISION

100840P

INSPECTOR'S WELL REPORT

Permit No. BAR-840Oil or Gas Well Gas
(KIND)

Company	Address	Farm	Well No.	District	County	Drilling commenced	Drilling completed	Date shot	Initial open flow	Open flow after tubing	Volume	Rock pressure	Oil	Fresh water	Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS				
																Size			Kind of Packer				
Berry Energy	Clarksburg, W. Va.	Phillips-Dayton	B-58 (1)	Philippi	Barbour	2-28-77	3-7-77									16							
							Logg 4075 4067									xx 11 3/4	19	None					
																10			Kind of Packer				
																xx 8 5/8	760	760	185 Bags cement (Basket)				
																0 3/4			Depth set				
																5 3/16							
																xx 4 1/2"	4038	4038	Perf. top				
																2			Perf. bottom				
																Liners Used			Perf. top				
																			Perf. bottom				
																CASING CEMENTED							
																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.) # 14Remarks: Running 4 1/2" casin.

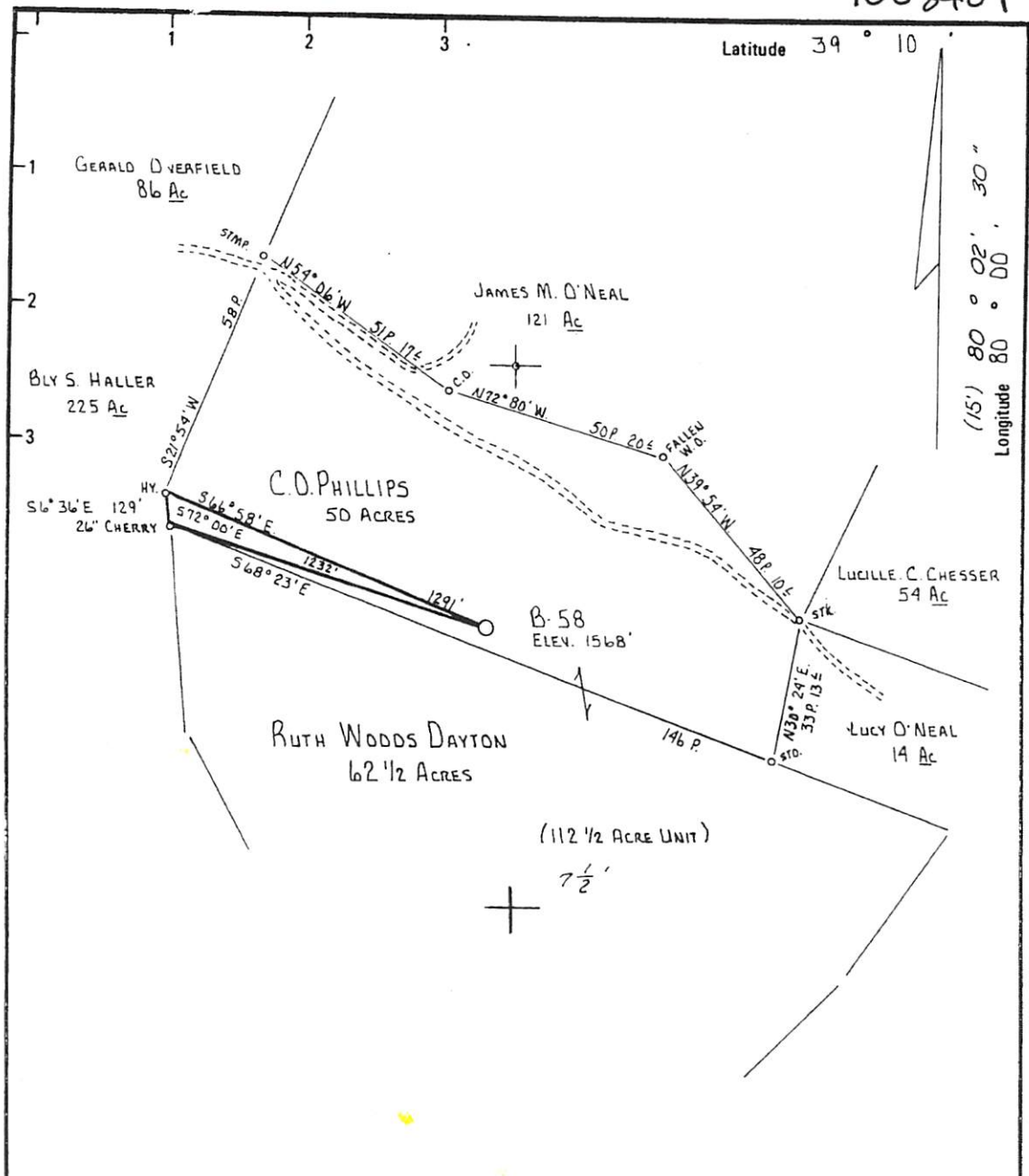
Big Lime--1195 to 1300
Injun ----1300 to 1420
Gantz-- --1495 to 1530
5 th. ----2160 to 2175
Balltown -2960 to 2975
Benson ---3935 to 3965

3-7-77

DATE

Billie Hoff
DISTRICT WELL INSPECTOR

09/23/2016



New Location <input checked="" type="checkbox"/> Drill Deeper <input type="checkbox"/> Abandonment <input type="checkbox"/>	Minimum Error of Closure <u>ONE PART IN 200</u> Source of Elevation <u>TRITTIPO & CLARK - O'NEAL NO. 1 WELL ELEV. 1565'</u> "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."
---	---

J. E. J. ENTERPRISES, INC.

Company DEARY ENERGY CONSULTANTS & MANAGERS INC
 Address PROFESSIONAL BUILDING, SUITE 309 CLARKSBURG, WEST VIRGINIA 26301
 Farm C.O. PHILLIPS 50 Ac. 68903
R.W. DAYTON 69018
 Tract Acres 62 1/2 Ac Lease No. 68903
 Well (Farm) No. 1 Serial No. B-58
 Elevation (Sprit Level) 1568'
 Quadrangle PHILIPPI
 County BARBARA District PHILIPPI
 Engineer Daniel L. Shuev
 Engineer's Registration No. 530 LLS.
 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

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
Address P. O. Box 804
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
Misty S. Christie Notary Public
My Commission Expires: 2/20/18

The Office of Oil & Gas processes your personal information, such as name, address and phone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.



OFFICIAL SEAL
STATE OF WEST VIRGINIA
NOTARY PUBLIC
Misty S. Christie
1207 Briercliff Rd
Bridgeport, WV 26330

My Commission Expires February 20, 2018

Office of Oil & Gas
AUG 19 2016
09/23/2016

**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
- Reuse (at API Number) - Various
- 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 _____ *[Signature]*

Company Official (Typed or Printed) Victoria Roark

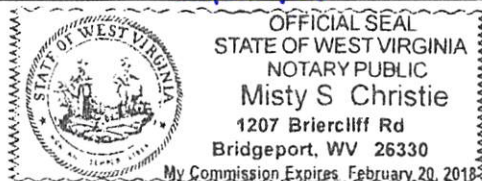
Company Official Title Permitting Supervisor-WV

Subscribed and sworn before me this 8th day of August, 2016

[Signature]
Misty S. Christie

Notary Public

My Commission Expires 2/20/18

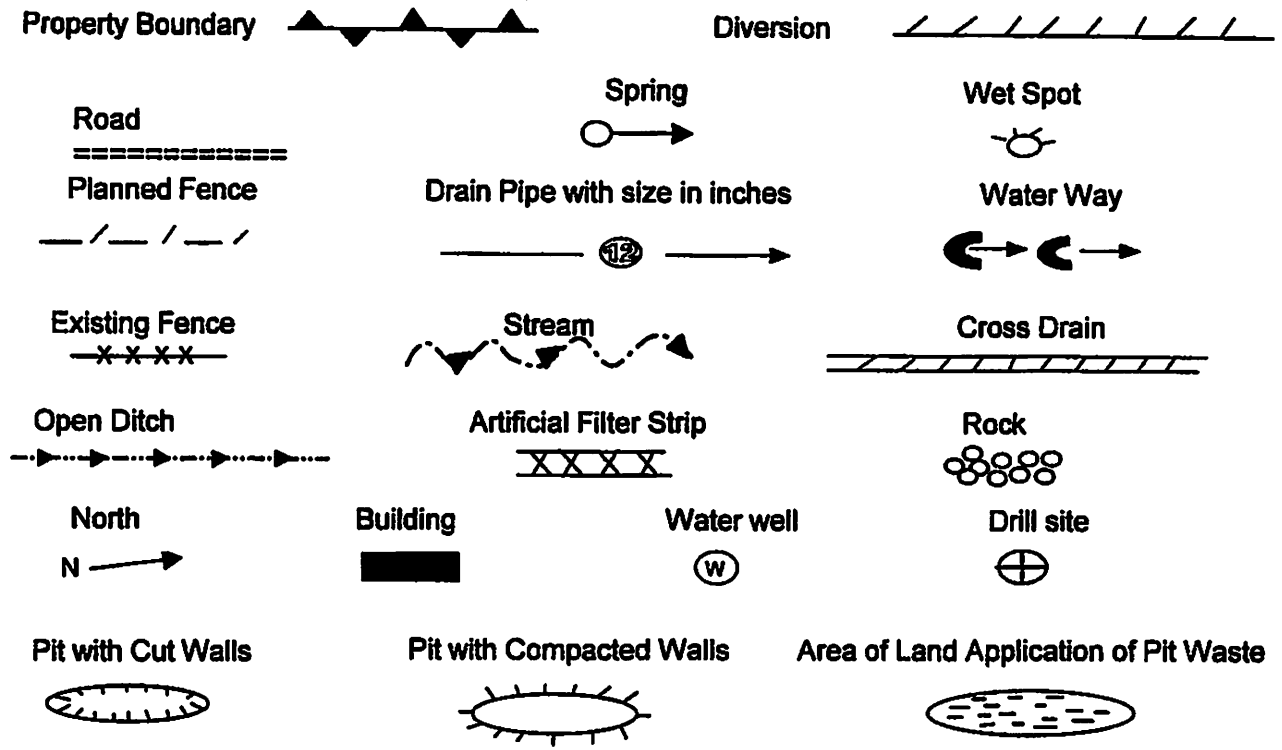


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OPERATOR'S WELL NO.:
149901 (Dayton Phillips B-58)

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

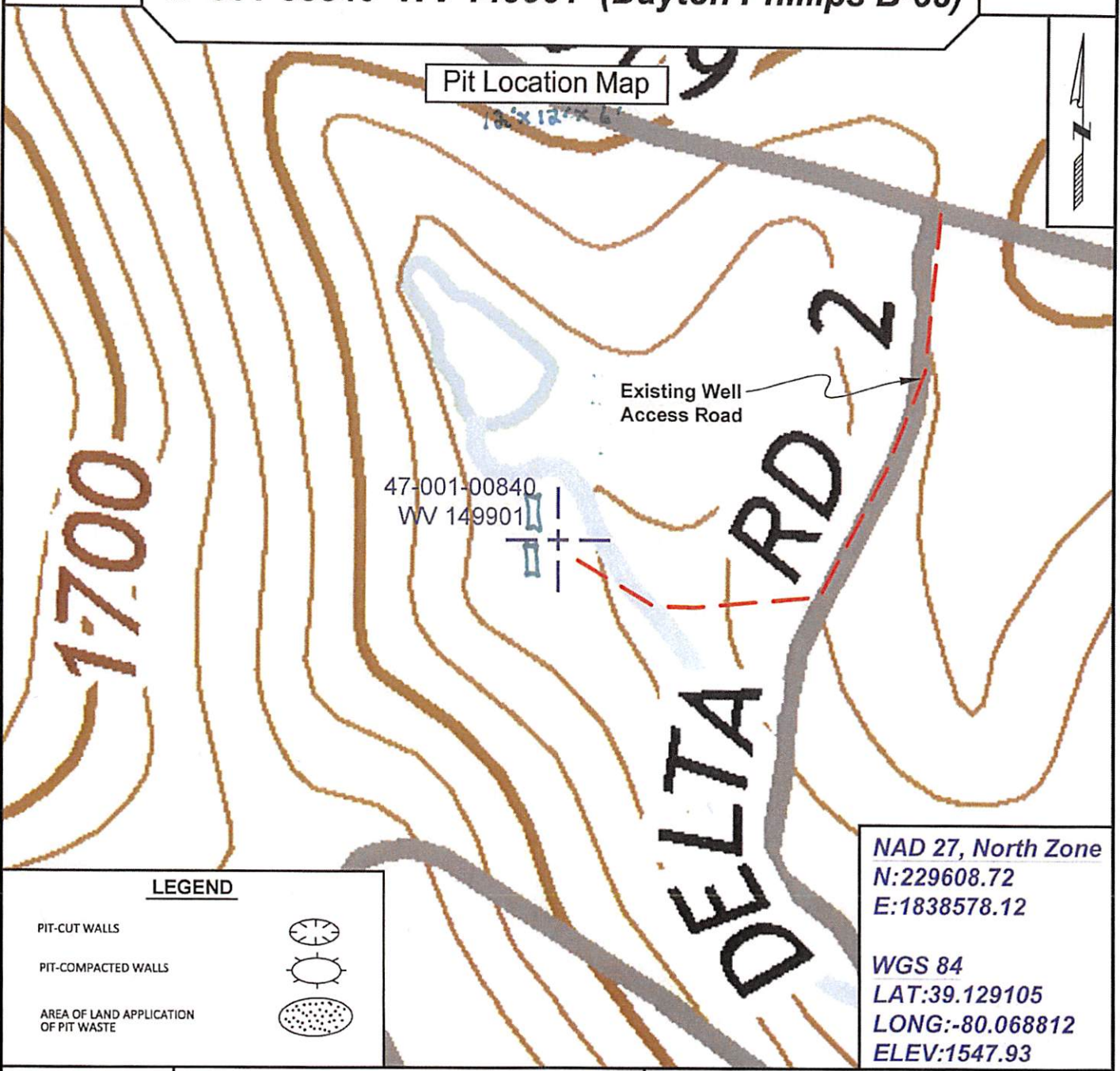
Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike Clover	5	Alsike Clover	5
Annual Rye	15		

ATTACH:
 Drawing(s) of road, location, pit and proposed area for land application.
 Photocopies section of involved 7.5' topographic sheet.
 Plan approved by: [Signature]
 Comments: REGIONAL, 205220 AND MULCH ASAP
 Title: OIL + GAS INSPECTOR Date: 8-31-16
 Field Reviewed? Yes No

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)

Pit Location Map



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

Office of Oil & Gas
 AUG 19 2016

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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Topo Quad: Philippi 7.5'

Scale: 1" = 2000'

County: Barbour

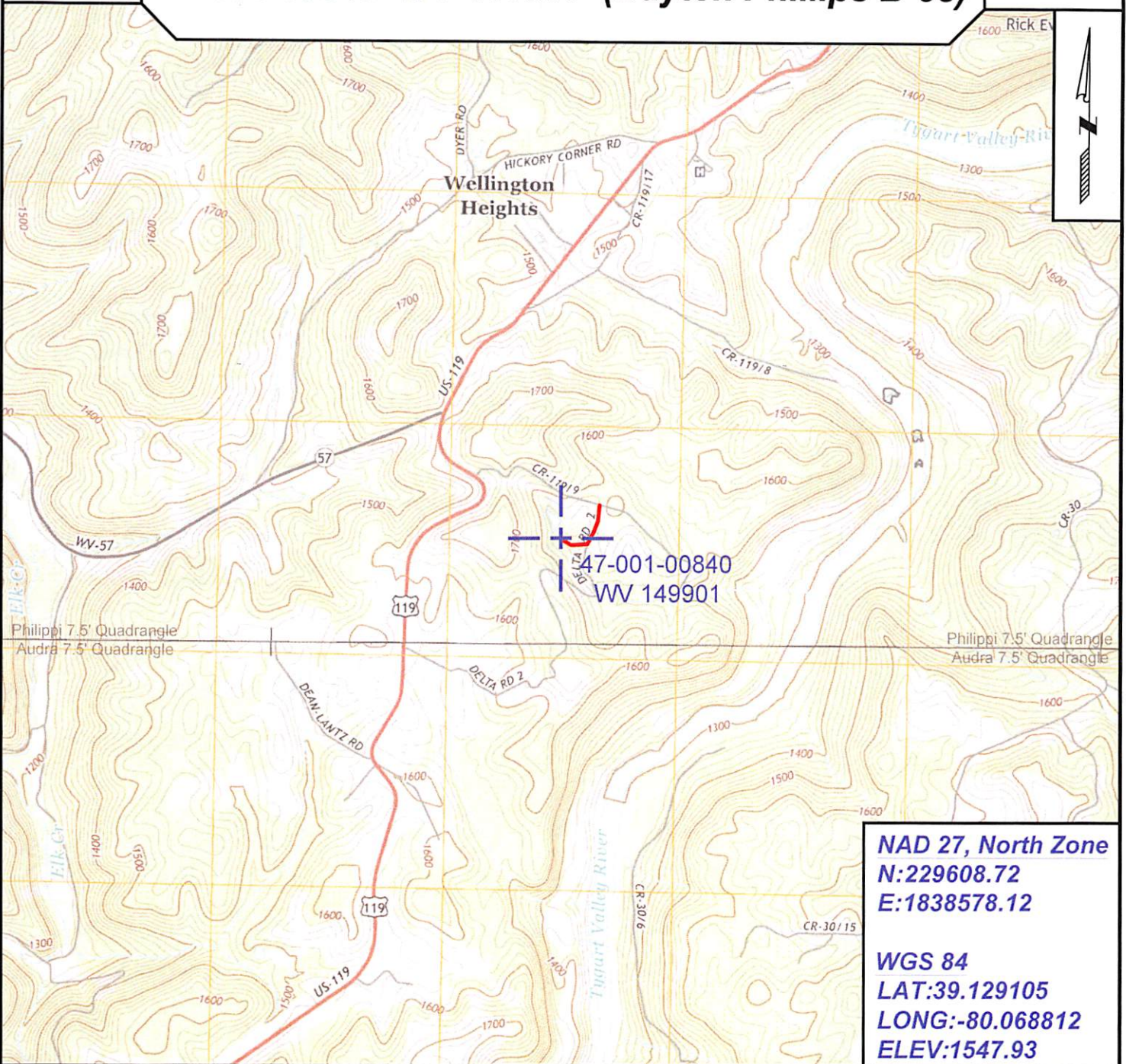
Date: July 26, 2016

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

Office of Oil & Gas
 AUG 19 2016
 09/23/2016

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.

Signature

PS # 2180
Title

7/28/16
Date

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AUG 19 2016



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: 304-901-2182
fax: 304-901-2182

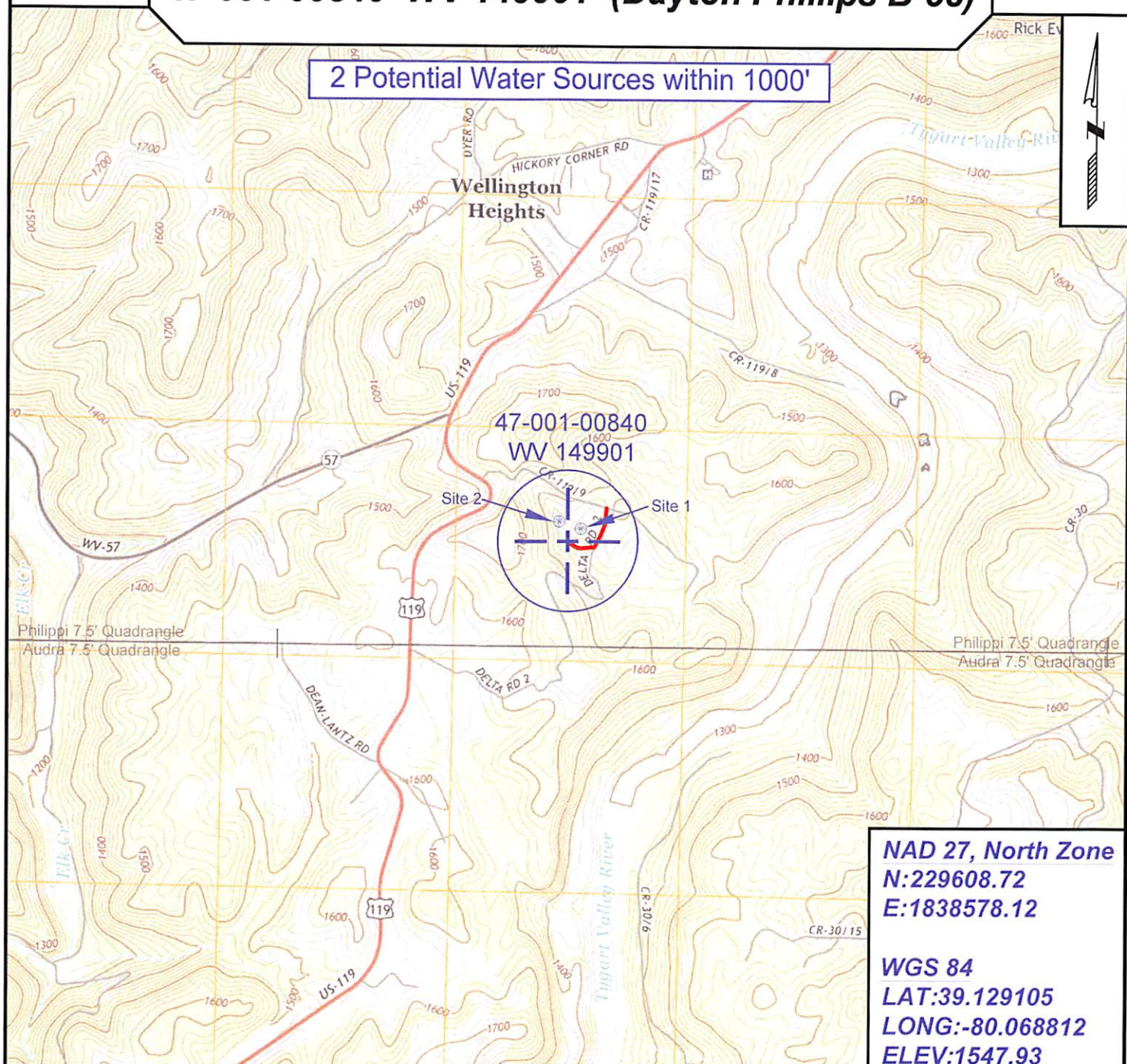
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Oil & Gas

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)

2 Potential Water Sources within 1000'



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:
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PREPARED FOR:
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09/23/2016