



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

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Tuesday, April 21, 2020
WELL WORK PLUGGING PERMIT
Vertical Plugging

CORE APPALACHIA OPERATING LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 9086
47-099-01347-00-00

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.

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. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, 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: 9086
Farm Name: TCO MIN TR 1
U.S. WELL NUMBER: 47-099-01347-00-00
Vertical Plugging
Date Issued: 4/21/2020

Promoting a healthy environment.

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.

R

WW-4B
Rev. 2/01

1) Date February 10, 2020
2) Operator's
Well No. 809086
3) API Well No. 47-099 - 01347

P

STATE OF WEST VIRGINIA
DEPARTMENT 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 ___ or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 265.58 m Watershed Little Spring Branch of Rich Creek
District Stonewall County Wayne Quadrangle Radnor

6) Well Operator Core Appalachia Operating, LLC 7) Designated Agent Jessica Greathouse
Address P.O. Box 6070 Address P.O. Box 6070
Charleston, WV 25362 Charleston, WV 25362

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Jeffery L. Smith Name R & J Well Services, Inc.
Address 5349 Karen Circle, Apartment 2101 Address P.O. Box 40
Cross Lanes, WV 25313 Hueysville, KY 41640-0040

10) Work Order: The work order for the manner of plugging this well is as follows:

SEE ATTACHED SHEET

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector Jeffrey Smith Date 3-13-20

47-099-01347P



DEPARTMENT OF THE ARMY
HUNTINGTON DISTRICT, CORPS OF ENGINEERS
502 EIGHTH STREET
HUNTINGTON, WEST VIRGINIA 25701-2070

REPLY TO
ATTENTION OF:

March 2, 2020

RECEIVED
Office of Oil and Gas
MAR 05 2020
WV Department of
Environmental Protection

Real Estate Division
Management Branch

SUBJECT: East Lynn Lake, Wayne, West Virginia, Core Appalachia Operating, LLC,
Well No. 809086 on Tract No. 1106, API Well No. 47-099-01347

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th Street SE
Charleston, West Virginia 25304

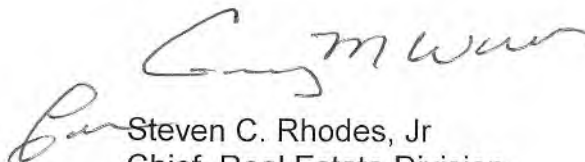
To Whom It May Concern:

This letter is in reference to your request to plug and abandon Well No. 809086 in Wayne County, West Virginia at East Lynn Lake. We have no objection to your proposal in accordance with the terms and conditions of your existing lease. Please be advised that Core Appalachia Operating, LLC shall adhere to the following conditions:

- Seed and straw the entire access road and well site.
- Block off the well access road at Rich Creek Road with large rock. Please contact Charles Mathis, East Lynn Lake Resource Manager at (304)849-2355 regarding information about obtaining rock.
- If rock cannot be obtained you may ditch the road to deter vehicle access.

If you would like to discuss this further or have any additional questions, please contact Anita Bradburn, of my staff, at (304) 399-5890 or by email at anita.s.bradburn@usace.army.mil.

Sincerely,


Steven C. Rhodes, Jr
Chief, Real Estate Division

Encl.

38.083280
-82.378478

47-099-01347P

SURFACE OWNER WAIVER

Operator's Well
Number

809086

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

RECEIVED
Office of Oil and Gas
MAR 3 5 2020
WV Department of
Environmental Protection

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

_____	Date _____	Name _____
Signature		By _____
		Its _____
		_____ Date _____
		Signature _____
		Date _____

Core Appalachia Operating, LLC
Operator's Well Number: 809086
API: 47-099-01347

11/10/2016

PLUGGING PERMIT CHECKLIST

Plugging Permit

- WW-4B
- WW-4B signed by inspector
- WW-4A

- SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- WW-9 PAGE 1 (NOTARIZED)
- WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- RECENT MYLAR PLAT OR WW-7
- WELL RECORDS/COMPLETION REPORT
- TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- MUST HAVE VALID BOND IN OPERATOR'S NAME
- CHECK FOR \$100 IF PIT IS USED

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Office of Oil and Gas

MAR 05 2020

W. Virginia Department of
Environmental Protection

PLUGGING PROGNOSIS

809086

West Virginia, Wayne County

API# 47-099-01347

Completed by S.T.

Updated 11/18/2019

Casing Schedule

10 3/4" csg @ 30'

8 5/8" csg @ 231'

3 1/2" csg @ 1462' Perfs @ 1421'-1427'

TD 1460'

Completion: Sand Frac**Fresh Water:** 120', 645'**Gas Shows:** 569', Injun 1411'-1425'**Coal:** 108', 155'**Elevation:** 852'

1. Notify Inspector, Jeffery Smith @ 681-313-6743, 48 hours prior to commencing operations.
2. Check and record pressures on csg.
3. Check TD w/ wireline.
4. RIH w/ gun. Perf 3 1/2" csg @ 1406', 1356', and 1316'.
5. TIH w/ tbg to 1411'. Load well as needed w/ 6% bentonite gel. Pump 100' C1A cement plug from **1411'-1311' (Injun gas). WOC, TAG PLUG, ADD CEMENT IF NEEDED,**
6. TOOH w/ tbg to 1311' and pump 6% bentonite gel from **1311'-852'**. TOOH LD tbg.
7. Free Point 3 1/2" csg. Cut and Pull. Set 100' C1A cement plug across csg Cut. 50' in/out of cut.
8. TIH w/ tbg to 852'. Pump 100' C1A cement plug from **852'-752' (Elevation)**.
9. TOOH w/ tbg to 752'. Pump 6% bentonite gel from **752'-695'**.
10. TOOH w/ tbg to 695'. Pump 226' C1A cement plug from **695'-469' (Fresh Water and gas show)**.
11. TOOH w/ tbg to 469'. Pump 6% bentonite gel from **469'-281'**. TOOH LD tbg.
12. Free Point 8 5/8" csg. Cut and pull. Set 100' C1A cement plug across csg Cut. 50' in/out of cut. Do not omit any plugs listed below. Perforate as needed
13. TIH w/ tbg to 281'. Pump 281' C1A cement plug from **281'-0 (8 5/8" csg st, fresh water, coal, & surface)**.
14. Erect monument with API#, date plugged, and company name.
15. Reclaim location and road to WV-DEP specifications.

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Office of Oil and Gas

FEB 05 2020

L. R. ...



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 39

Quadrangle Wayne
Permit No. WAY-1347 **WELL RECORD** Oil or Gas Well Gas
(KIND)

Company United Fuel Gas Company
Address P.O. Box 1273; Charleston 25, W. Va.
Farm United Fuel Gas Co. Min. Tr. #1 Acres 40,578.86
Location (waters) Rich Creek
Well No. 9086 Elev. 851.83
District Grant County Wayne
The surface of tract is owned in fee by United Fuel Gas Co.
Address Charleston, W. Va.
Mineral rights are owned by United Fuel Gas Co.
Address Charleston, W. Va.
Drilling commenced 5-9-61
Drilling completed 6-2-61
Date Shot From To
With
Open Flow /10ths Water in Inch
12 /10ths Merc. in 3 Inch
Volume 1,212,000 - In Jun Cu. Ft.
Rock Pressure 193 lbs 48 hrs.
Oil bbls., 1st 24 hrs.
WELL ACIDIZED
WELL FRACTURED

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10 3/4		30'	Size of
8 5/8		231	
7 7/8	1225'	Pulled	Depth set
5 3/16			
3 1/2		1462'	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. Ft. Date
COAL WAS ENCOUNTERED AT 108 FEET 36 INCHES
155 FEET 36 INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT
ROCK PRESSURE AFTER TREATMENT
Fresh Water 120 Feet 645 Salt Water Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	15	Water	120'	
Sand			15	40			
Slate			40	52	Gas	569' 6/10 W 1" 26 M	
Sand			52	60			
Slate			60	86			Hole full water 645'
Sand			86	108			
Coal			108	111	Gas	1411-1416' 11/10 W 1" 35 M	
Slate			111	130			
Sand			130	145	Gas	1425' 15/10 W 1" 41 M	
Slate			145	155			
Coal			155	158			Perforated 3" tubing from 1421-1427
Slate			158	165			
Sand			165	174			
Slate			174	190			Fractured In Jun 5-13-61 with 290 gallons MCA, 400 bbls. water, 510# J-101 and 30,000# sand
Sand 1			190	215			Final open flow when shut in 12/10 Merc. 1,212 M.
Slate			215	320			
Sand			320	355			
Slate			355	420			
Sand			420	465			
Slate			465	480			
Sand			480	520			Shut in 6-20-61 in 3 1/2" tubing.
Broken Sand			520	540			
Slate & Shells			540	556	LOGS RUN:		
Sand			556	808	Gamma Ray		
Slate			808	838	Induction		
Salt Sand			838	1075	G. G. Density		
Slate			1075	1100	Temperature		
Maxon Sand			1100	1211			
Big Lime			1211	1365			
Red Rock			1365	1380			

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Office of Oil and Gas
FEB 25 2020
WV Department of Environmental Protection
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West Virginia
Dept. of Mines

UNITED FUEL GAS COMPANY
COMPANY

WAY 1347

SERIAL WELL NO. 9086

LEASE NO. Ref. 24686

MAP SQUARE 20-39

RECORD OF WELL NO. 9086 on the			CASING AND TUBING				TEST BEFORE SHOT	
UFG Co. Min. Tr. #1	farm of	Acres	SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL	/10 of Water in inch	
in	Grant	District	10-3/4"	32#	30'	30'	/10 of Merc. in inch	
	Wayne	County	8-5/8"	24#	234'	234'	Volume Cu. ft.	
State of:	West Virginia		7"	20#	1225'	None	TEST AFTER BREAK Free.	
Field:	Central Division		3-1/2"	9#	1470'	1470'	/10 of Water in inch	
Rig Commenced	April 27,	19 61					12 /10 of Merc. in 3" inch	
Rig Completed	May 4,	19 61					Volume 1,212 MCF Cu. ft.	
Drilling Commenced	May 9,	19 61					When Start In Hours After Shut	
Drilling Completed	June 2,	19 61					Rock Pressure 48 Hr. 193#	
Drilling to cost	per foot						Date Stop Free. 6-13-61	
Contractor is:	E. J. Elkins						250 Gal. Mud Acid, 500#	
Address:	Hamlin, W. Va.						Size of Torpedo	
							J-101, 30,000# Sand and	
							Oil Flowed hbls. 1st 24 hrs.	
							1000 BBL. Water.	
							Oil Pumped hbls. 1st 24 hrs.	
Driller's Name	W. C. Mills		3 3/4" in.	Tubing	Tubing or Casing			
	Halden Moore		Size of Packer		3-1/2"		Well abandoned and	
	Homer Yeager		Kind of Packer		Float Shoe		Plugged 19	
Drilling Permit No.	WAY-1347		1st. Perf. Set		from			
Elevation:	851.83'		2nd Perf. Set		from			

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Clay	0	15	15	
Sand	15	40	25	
Slate	40	52	12	
Sand	52	60	8	
Slate	60	86	26	
Sand	86	108	22	
Coal	108	111	3	
Slate	111	130	19	Water @ 120'
Sand	130	145	15	
Slate	145	155	10	
Coal	155	158	3	
Slate	158	165	7	
Sand	165	174	9	
Slate	174	190	16	
Sand	190	215	25	
Slate	215	320	105	
Sand	320	355	35	

APPROVED

DRILLER SUPERINTENDENT

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Office of Oil and Gas

FEB 25 2020

WV Department of
Environmental Protection

SERIAL WELL NO. 9086

LEASE NO. Ref. 24686

MAP SQUARE 20-39

Way 1347

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Slate	355	420	65	
Sand	420	465	45	
Slate	465	480	15	
Sand	480	520	40	
Broken Sand	520	540	20	
Slate & Shells	540	556	16	
Sand	556	808	252	Gas @ 569' - 6/10 W-1"
Slate	808	838	30	Water @ 645' - Hole Full
Salt Sand	838	1075	237	
Slate	1075	1100	25	
Maxon Sand	1100	1211	111	
Big Lime	1211	1365	154	Gas @ 1411'-1416' - 11/10 W-1"
Red Rock	1365	1380	15	
Injun Sand	1380	1444	64	Gas @ 1425' - 15/10 W-1"
Slate & Shells	1444	1460	16	
TOTAL DEPTH	1460'			

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Office of Oil and Gas

FEB 25 2020

WV Department of
Environmental Protection

47-099-01347P

WW-4A
Revised 6-07

1) Date: February 10, 2020
2) Operator's Well Number: 809086

3) API Well No.: 47 - 47-099 - 01347

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

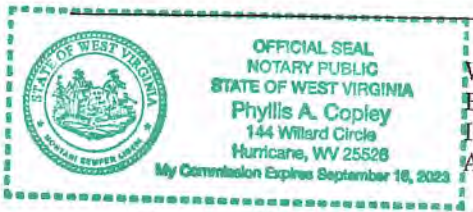
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name: United States Army Corps of Engineers	Name: None
Address: Attn: Ms. Anita Bradburn, Realty Specialist 502 8th Street	Address: _____
(b) Name: Huntington, WV 25701	(b) Coal Owner(s) with Declaration
Address: _____	Name: Bureau of Land Management, Rolla Solid Minerals Office
(c) Name: _____	Address: Attention: Timothy W. Howell
Address: _____	1400 Independence Road
6) Inspector: Jeffery L. Smith	Name: Rolla, Missouri 65401
Address: 5349 Karen Circle, Apartment #2101	Address: _____
Telephone: 681-313-6743	(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 Department 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: Core Appalachia Operating, LLC
 By: JR Jessica Greathouse
 Title: Manager - Environmental, Health, Safety
 Address: P.O. Box 6070
 Charleston, WV 25362
 Telephone: 304-353-5240

RECEIVED
 Office of Oil and Gas
 FEB 25 2020

WV Department of Environmental Protection

Subscribed and sworn before me this 21st day of February 2020
Phyllis A. Copley Notary Public
 My Commission Expires September 16, 2023

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a 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.

WW-9
(5/16)

API Number 47 - 099 - 01347
Operator's Well No. 809086

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

Operator Name Core Appalachia Operating, LLC OP Code 494518671

Watershed (HUC 10) Little Spring Branch of Rich Creek Quadrangle Radnor

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: Plugging returns/Cement - Will utilize above ground tanks

Will a synthetic liner be used in the pit? Yes No If so, what ml.? 20

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Any fluid recovered will be hauled to a Core tank battery and disposed of properly)

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, removed offsite, etc. _____

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

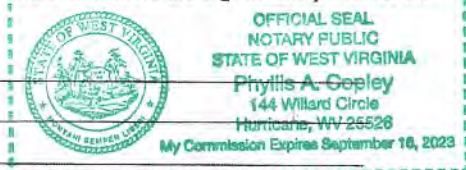
-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of 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 Department 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 submitting false information, including the possibility of fine or imprisonment.

Company Official Signature [Signature]
Company Official (Typed Name) Jessica Greathouse
Company Official Title Manager - Environmental, Health, Safety



Subscribed and sworn before me this 21st day of February, 2020

Phyllis A. Copley Notary Public

My commission expires September 16, 2023

RECEIVED
Office of Oil and Gas

FEB 25 2020

WV Department of
Environmental Protection

1 +/-

Proposed Revegetation Treatment: Acres Disturbed _____ Prevegetation pH _____
Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or equivalent

Fertilizer amount _____ lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

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

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Jeffrey Smith

Plan Approved by: All sediment control to be removed

Comments: prior to release

Title: Oil & Gas Inspection Date: 3-12-20

Field Reviewed? Yes No



Diversified Gas & Oil Corporation
 100 Diversified Way
 Pheeville KY, 41051

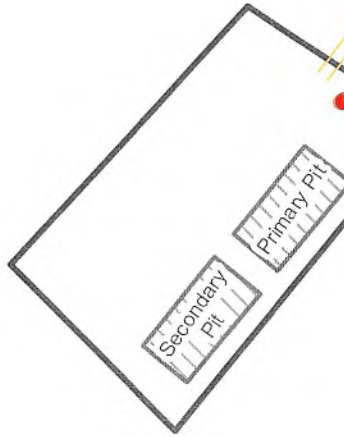
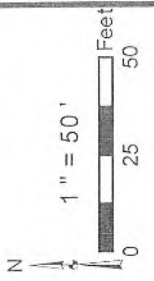
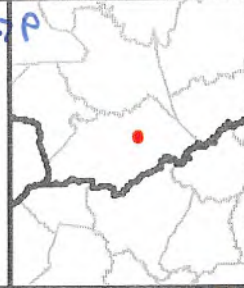
809086

Plugging Map

Legend

- Well
- Sediment Control
- Access Road
- Pits
- Pad
- Public Roads

47-099-01347P
 PITS WILL
 LESS THAN
 8' DEEP



Well No.: 809086
 UTM83-17 Meters
 North: 379107.53
 East: 4215952.28
 Elev.: 265.58

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 Office of Oil and Gas

FEB 25 2020

WV Department of
 Environmental Protection









Diversified Gas & Oil
Corporation
100 Diversified Way
Pikeville, KY, 41051

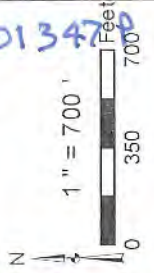
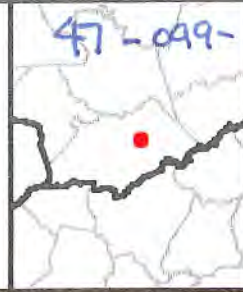
809086

Plugging Map

Legend

-  Well
-  Sediment Control
-  Access Road
-  Pits
-  Pad
-  Public Roads

PITS WILL BE
LESS THAN
8' DEEP



Well No.: 809086
UTM83-17, Meters
North: 379107.53
East: 4215952.28
Elev.: 265.58

FERGUSON BRANCH RD

25215



Diversified Gas & Oil Corporation
100 Diversified Way
Pikeville KY, 41051

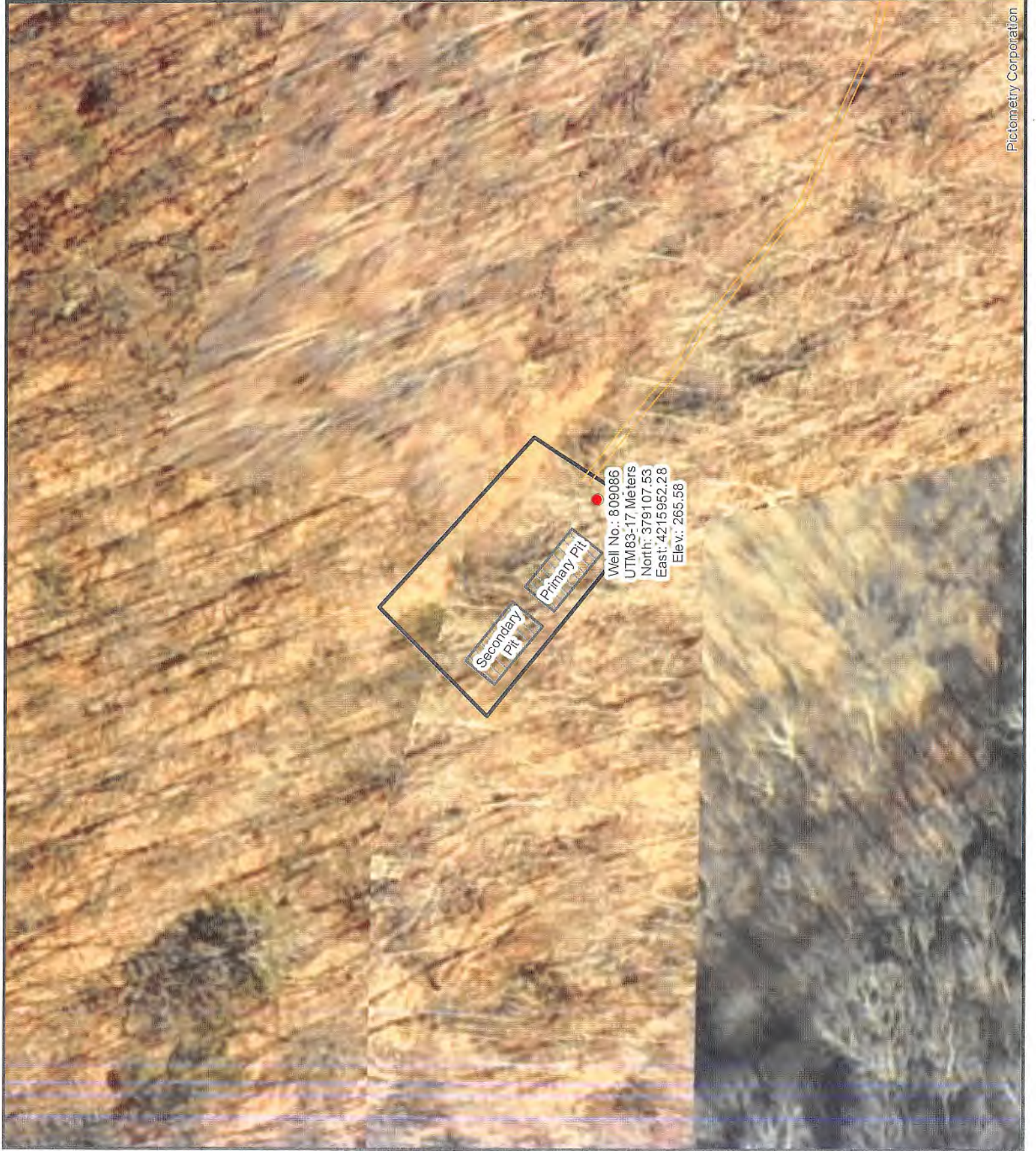
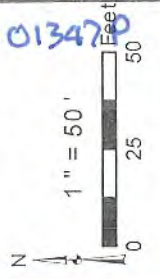
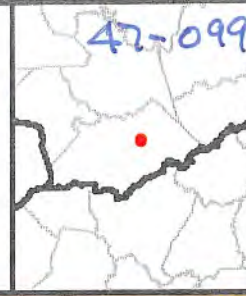
809086

Plugging Map

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- ▨ Pits
- ▭ Pad
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PITS WILL BE
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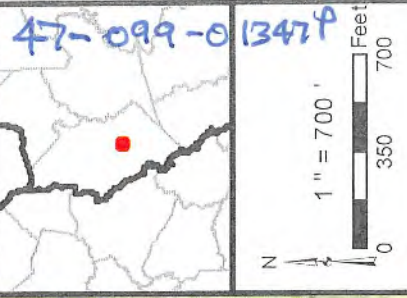
809086

Plugging Map

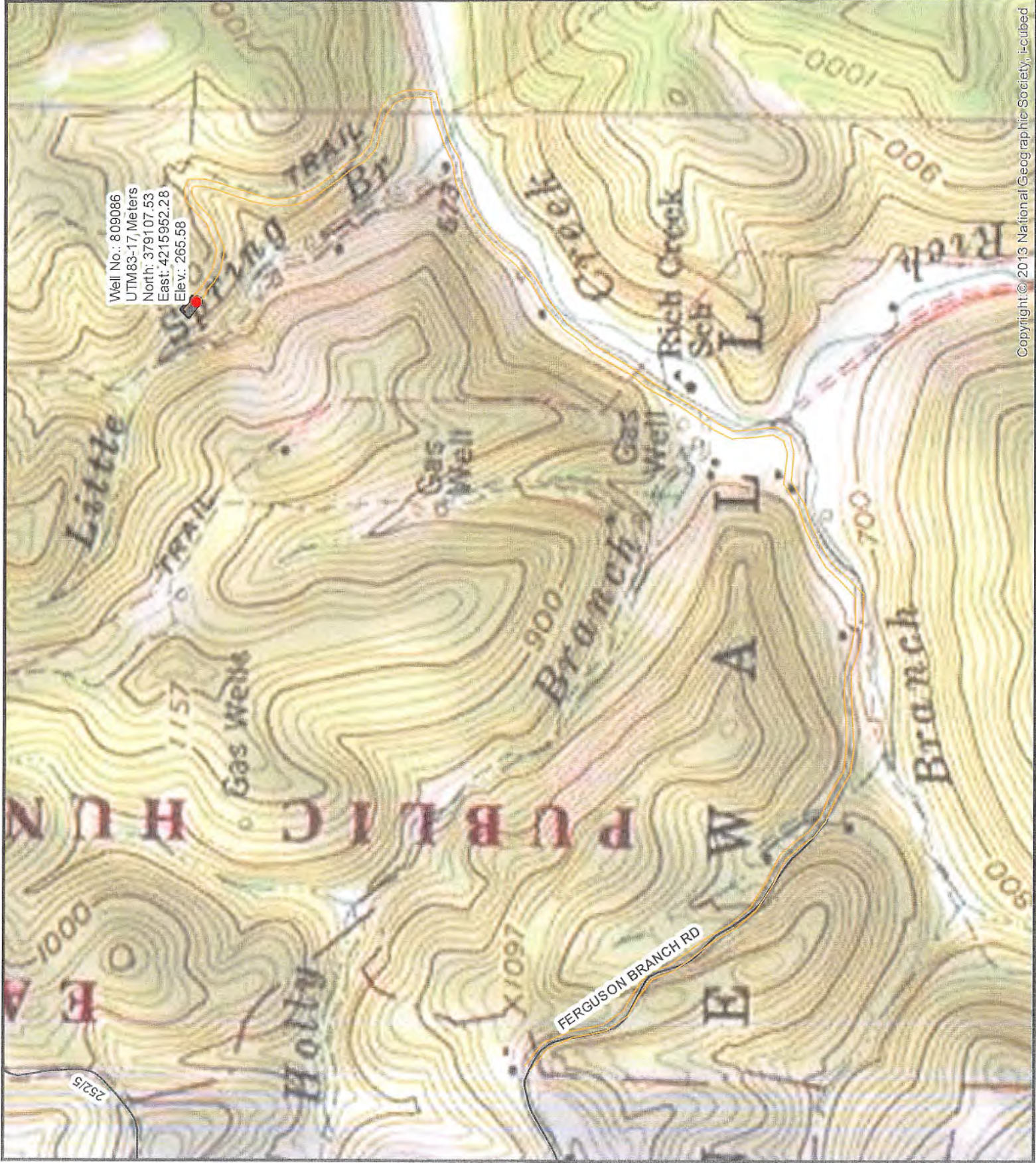
Legend

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Well No.: 809086
UTM83-17, Meters
North: 379107.53
East: 4215952.28
Elev.: 266.58





WW-7
8-30-06



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

API: 47-099-01347 WELL NO.: 809086

FARM NAME: United Fuel Gas Company

RESPONSIBLE PARTY NAME: Jeff Mast

COUNTY: Wayne DISTRICT: Stonewall

QUADRANGLE: Radnor

SURFACE OWNER: US Army Corps of Engineers East Lynn Lake

ROYALTY OWNER: Core Appalachia

UTM GPS NORTHING: 379,107.53

UTM GPS EASTING: 4,215,952.28 GPS ELEVATION: 265.58 m (871.1')

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

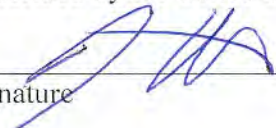
Real-Time Differential

Mapping Grade GPS : 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

Engineer III

Title

2/7/2020

Date

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Office of Oil and Gas

FEB 25 2020

WV Department of
Environmental Protection