



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

Monday, June 8, 2020

WELL WORK PLUGGING PERMIT
Vertical Plugging

ALLIANCE PETROLEUM CO., LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 156141
47-021-01896-00-00

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: 156141
Farm Name: STANFORD L. GOLDSMITH 
U.S. WELL NUMBER: 47-021-01896-00-00
Vertical Plugging
Date Issued: 6/8/2020

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.

WW-4B
Rev. 2/01

1) Date March 17, 2020
2) Operator's
Well No. 156141
3) API Well No. 47-021 - 01890

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 381.45 m Watershed Bull Run (Upper Cedar Creek of Little Kanawha River)
District Center County Gilmer Quadrangle Cedarville
- 6) Well Operator Alliance Petroleum Company, LLC 7) Designated Agent Jessica Greathouse
Address 414 Summers Street Address 414 Summers Street
Charleston, WV 25301 Charleston, WV 25301
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Danny Mullins Name R & J Well Service, Inc.
Address 220 Jack Acres Road Address P.O. Box 40
Buckhannon, WV 26201 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

Danny Mullins

Date 3-20-2020

PLUGGING PROGNOSIS

156141
West Virginia, Gilmer County
API# 47-021-01896

Completed by S.T.
Updated 12/12/2019

Casing Schedule

16" csg @ 20'
4 1/2" csg @ 2574' cemented 150 sks. Estimated TOC @ 950'. Perfs from 2422'-2521'
TD 2574'

Completion: Frac

Fresh Water: No shows
Gas Shows: Big Injun 2422'-2521'
Oil Show: Big Injun 2409'-2520'
Coal: No shows
Elevation: 1281'

RECEIVED
Office of Oil and Gas

MAR 24 2020

WV Department of
Environmental Protection

1. Notify Inspector, Danny Mullens @ 304-932-6844, 48 hours prior to commencing operations.
2. Check and record pressures on csg.
3. TOOH LD rods and pump.
4. TOOH LD tbg.
5. Check TD w/ wireline.
6. TIH w/ tbg to 2422'. Load well as needed w/ 6% bentonite gel. Pump 211' C1A cement plug from 2520'-2309' (Big Injun oil and gas Show). *WOL, TAL CEMENT, ADD CEMENT, IF NEEDED.*
7. TOOH w/ tbg to 2309'. Pump 6% bentonite gel from 2309'-1281'. TOOH LD tbg
8. TOOH w/ tbg to 1281. Pump 100' C1A cement plug from 1281'- 1181' (Elevation)
9. TOOH w/ tbg to 2309'. Pump 6% bentonite gel from 1181'-100'. TOOH LD tbg
10. Free Point 4.5" 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
11. TIH w/ tbg to 100'. Pump 100' C1A cement plug from 100'-0' (Surface).
12. Erect monument with API#, date plugged, and company name.
13. Reclaim location and road to WV-DEP specifications.

★ ADD CLASS A CEMENT PLUG FROM 2100' TO 1875'. TO COVER OIL & GAS SHOWS.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 2

Rotary
Spudder
Cable Tools
Storage

Quadrangle Glenville

WELL RECORD

Oil or Gas Well Both
(KIND)

Permit No. WIL-1896

Company Francis Friestad
Address 1016 Lexington Way, Rockford, Ill.
Farm Laura Goff Acres 163
Location (waters) Gate Fork
Well No. Four Elev. 1281'
District Center County Gilmer
The surface of tract is owned in fee by Fannie Goldsmith
Flower, W. Va.
Mineral rights are owned by Laura Goff Heirs
Clarksburg, W. Va.
Drilling commenced 2-8-67
Drilling completed 3-4-67
Date Shot From To
With
Open Flow 15/10ths Water in 2 Inches
/10ths Merc. in Inches
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil Show bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) Yes 2 zones Inj - 1st zone 30,000# 20/40 Sand 500 bbl. water -250 gal acid. 2nd zone - 45,000# 20/40 Sand - 600 bbl. water - 250 gal. acid.
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 2 1/2 million Cubic feet and 40 BOPD
ROCK PRESSURE AFTER TREATMENT 750 HOURS 24
Fresh Water Feet Salt Water Feet
Producing Sand Big Inj Depth 2422 to 2521

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	20	20	
13			
10			Size of
8 1/4	858		
6 3/8			Depth set
5 3/16			
4 1/2	2574	2574	
3			Perf. top <u>2422</u>
2			Perf. bottom <u>2492</u>
Liners Used			Perf. top <u>2517</u>
			Perf. bottom <u>2521</u>

Attach copy of cementing record.
CASING CEMENTED 4 1/2 SIZE 2574 No. Ft. 3/5/67 Date
Amount of cement used (bags) 150
Name of Service Co. Dowell
COAL WAS ENCOUNTERED AT None FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	18			
Sand			18	28			
Red Rock			28	60			
Slate			60	150			
Red Rock			150	210			
Sand			210	350			
Slate			350	362			
Red Rock			362	390			
Lime			390	420			
Red Rock			420	450			
Lime			450	465			
Slate			465	515			
Sand			515	590			
Slate			590	600			
Red Rock			600	630			
Sand			630	671			
Red Rock			671	754			
Slate			754	800			
Red Rock			800	830			
Slate			830	885			
Red Rock			885	904			
Sand			904	935			
Slate			935	960			
Red Rock			960	990			
Slate			990	1125			
Sand			1125	1183			
Slate			1183	1235			
Sand			1235	1500			

RECEIVED
Office of Oil and Gas
MAR 24 2020
WV Department of
Environmental Protection



Formation	Color	Hard or Soft	Top [±]	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			1500	1570			
Sand			1570	1585			
Slate			1585	1665			
Lime			1665	1784			
Slate			1784	1889			
Sand			1889	1958	Oil & Gas	1925	7/10 W 2"
Slate			1958	1998			
Sand			1998	2060			
Slate			2060	2086			
Sand			2086	2145	Gas	2094	Show
Slate			2145	2160		2105	
Red Rock			2160	2175			
Lime			2175	2205			
Slate			2205	2225			
Lime (Little)			2225	2241			
Slate			2241	2280			
Lime (Big)			2280	2357			
Sand (Injun)			2357	2496	Oil	2409	Show
					Oil	2468	Show
					Oil	2478	Show
					Gas	2490	8/10 W 2"
Slate			2496	2508			
Sand			2508	2542	Oil	2520	Show
Slate			2542	2574			
Total Depth				2574			

RECEIVED
Office of Oil and Gas
MAR 24 2020
WV Department of
Environmental Protection

Date 4/15, 19 68

APPROVED Francis M. Ellis, Jr., Owner

By [Signature]
(Title) owner

WW-4A
Revised 6-07

1) Date: March 17, 2020
2) Operator's Well Number
156141
3) API Well No.: 47 - 47-021 - 01896

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 <u>Stanford L. Goldsmith</u>	Name <u>None</u>
Address <u>1938 Bona Vista Drive</u>	Address _____
<u>Charleston, WV 25311</u>	_____
(b) Name <u>Harley R. Flint C/O Lonnie Flint</u>	(b) Coal Owner(s) with Declaration
Address <u>1395 Flower Road</u>	Name <u>See Attached Sheet</u>
<u>Flower, WV 26611</u>	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Danny Mullins</u>	(c) Coal Lessee with Declaration
Address <u>220 Jack Acres Road</u>	Name <u>None</u>
<u>Buckhannon, West Virginia 26201</u>	Address _____
Telephone <u>304-932-6844</u>	_____

RECEIVED
Office of Oil and Gas

MAR 24 2020

WV Department of
Environmental Protection

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 Alliance Petroleum Company, LLC
 By: [Signature] Jeff Mast
 Its: Engineer III
 Address 414 Summers Street
Charleston, West Virginia 25301
 Telephone 304-543-6988

Subscribed and sworn before me this 17th day of March 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 depprivacyoffier@wv.gov.

47-021-01896 P

Well 156141

47-021-01896

COAL OWNERS

Diana Goff Cather "M" Trust
C/O William Cather
800 Davisson Run Road
Clarksburg, WV 26301

Goff Properties, LLC
C/O Payton Fireman, Manager
1380 Fenwick Avenue
Morgantown, WV 26505

Jarvis Family, LLC
C/O Brian M. Jarvis, Esq.
193 Oak Ridge Drive
Mt. Clare, WV 26408

RECEIVED
Office of Oil and Gas

MAR 24 2020

WV Department of
Environmental Protection

Well 156141
47-021-01896P

7017 1450 0002 3854 0955

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

CHARLESTON, WV 25311

OFFICIAL USE

Certified Mail Fee \$3.55
\$2.85
\$0.70

Extra Services & Fees (check box, add fee as appropriate)
 Return Receipt (hardcopy) \$0.00
 Return Receipt (electronic) \$0.00
 Certified Mail Restricted Delivery \$0.00
 Adult Signature Required \$0.00
 Adult Signature Restricted Delivery \$0.00

Postage \$1.60

Total P&A \$8.00

Sent To: 156141 P&A
Stanford L. Goldsmith
Street: 1938 Bona Vista Drive
City: Charleston, WV 25311

PS Form 3854, Instructions

0523 03
MAR 19 2020
03/19/2020

7017 1450 0002 3854 0924

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

CLARKSBURG, WV 26301

OFFICIAL USE

Certified Mail Fee \$3.55
\$2.85
\$0.70

Extra Services & Fees (check box, add fee as appropriate)
 Return Receipt (hardcopy) \$0.00
 Return Receipt (electronic) \$0.00
 Certified Mail Restricted Delivery \$0.00
 Adult Signature Required \$0.00
 Adult Signature Restricted Delivery \$0.00

Postage \$1.60

Total P&A \$8.00

Sent To: 156141 P&A
Diana Goff Cather "M" Trust
Street: C/O William Cather
City: 800 Davisson Run Road
Clarksburg, WV 26301

PS Form 3854, See reverse for instructions

0523 03
MAR 19 2020
03/19/2020

7017 1450 0002 3854 0962

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

CEDARVILLE, WV 26611

OFFICIAL USE

Certified Mail Fee \$3.55
\$2.85
\$0.70

Extra Services & Fees (check box, add fee as appropriate)
 Return Receipt (hardcopy) \$0.00
 Return Receipt (electronic) \$0.00
 Certified Mail Restricted Delivery \$0.00
 Adult Signature Required \$0.00
 Adult Signature Restricted Delivery \$0.00

Postage \$1.60

Total P&A \$8.00

Sent To: 156141 P&A
Harley R. Flint
Street: C/O Lonnie Flint
City: 1395 Flower Road
Flower, WV 26611

PS Form 3854, Instructions

0523 03
MAR 19 2020
03/19/2020

7017 1450 0002 3854 0931

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

MORGANTOWN, WV 26505

OFFICIAL USE

Certified Mail Fee \$3.55
\$2.85
\$0.70

Extra Services & Fees (check box, add fee as appropriate)
 Return Receipt (hardcopy) \$0.00
 Return Receipt (electronic) \$0.00
 Certified Mail Restricted Delivery \$0.00
 Adult Signature Required \$0.00
 Adult Signature Restricted Delivery \$0.00

Postage \$1.60

Total P&A \$8.00

Sent To: 156141 P&A
Goff Properties, LLC
Street: C/O Payton Fireman, Manager
City: 1380 Fenwick Avenue
Morgantown, WV 26505

PS Form 3854, Instructions

0523 03
MAR 19 2020
03/19/2020

7017 1450 0002 3854 0948

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

MOUNT CLARE, WV 26408

OFFICIAL USE

Certified Mail Fee \$3.55
\$2.85
\$0.70

Extra Services & Fees (check box, add fee as appropriate)
 Return Receipt (hardcopy) \$0.00
 Return Receipt (electronic) \$0.00
 Certified Mail Restricted Delivery \$0.00
 Adult Signature Required \$0.00
 Adult Signature Restricted Delivery \$0.00

Postage \$1.60

Total P&A \$8.00

Sent To: 156141 P&A
Jarvis Family, LLC
Street: C/O Brian M. Jarvis, Esq.
City: 193 Oak Ridge Drive
Mt. Clare, WV 26408

PS Form 3854, Instructions

0523 03
MAR 19 2020
03/19/2020

WW-9
(5/16)

API Number 47 021-01896
Operator's Well No. 156141

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

Operator Name Alliance Petroleum Company, LLC OP Code 494506333

Watershed (HUC 10) Bull Run (05030203002683) Upper Cedar Crk of Little Kanawha River Quadrangle Cedarville

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 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 _____)

RECEIVED
Office of Oil and Gas

MAR 24 2020

Will closed loop system be used? If so, describe: _____ WV Department of Environmental Protection

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) _____

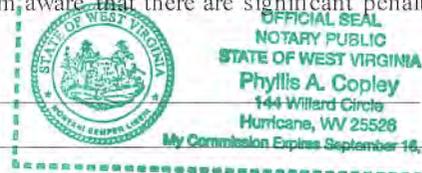
-Landfill or offsite name/permit number? _____

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) Jeff Mast
Company Official Title Engineer III



Subscribed and sworn before me this 17th day of March, 2020
Phyllis A. Copley Notary Public

My commission expires: September 16, 2023

Form WW-9

Operator's Well No. 156141

Proposed Revegetation Treatment: Acres Disturbed 1 +/- 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.

Plan Approved by: *Danny Miller*

Comments: _____

Title: 005 Inspector Date: 3-20-2020

Field Reviewed? () Yes () No

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
GROUNDWATER PROTECTION PLAN**

Operator Name: Alliance Petroleum Company LLCWatershed (HUC 10): Bull Run HUC ID # 05030203002683 (Upper Cedar Creek of Little Kanawha River) Quad: GilmerFarm Name: Laura Goff

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

Treatment of the fluid will include adjusting pH and precipitating out solids as needed. Fluid will be discharged in a manor to eliminate sediment runoff.

The potential contaminates are class A cement, bentonite gel, and produced fluids. These contaminates are circulated to surface during plugging operations.

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

The contaminants are circulated to surface and drainage controlled into a line pit. The cement and gel are allowed to settle out in the pit. The produced fluids will then be tested and if treatable treated and ground applied. Otherwise the produced fluids will be hauled to a commercial injection well.

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

Closest body of water is Bull Run Creek (2025'). The discharge area is within 4.2 miles of the wellhead protection area.

4. Summarize all activities at your facility that are already regulated for groundwater protection.

There are no activities at this facility regulated for groundwater protection. The facility is a non producing gas well without a tank.

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

There is no existing ground water quality data at this site or adjacent properties

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

No waste material will be used for deicing or fill material on this property.

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

DGOC supervision will manage testing and contract employees on site. DGOC supervision will ensure testing is within all required parameters prior to discharging and utilize silt fencing as needed to eliminate erosion.

8. Provide provisions and frequency for inspections of all GPP elements and equipment.

A job safety analysis will be completed each day on site to discuss the procedures, safety, and inspect all GPP elements and equipment.

Signature: *JA*

Date: 4-13-2020



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

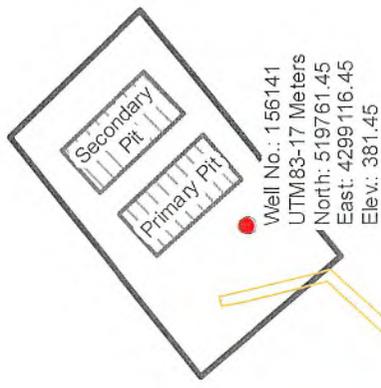
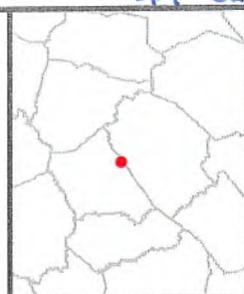
156141

Plugging Map

Legend

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

*PT 285 682
20' L. 10' W. 8' D*



Well No.: 156141
 UTM83-17 Meters
 North: 519761.45
 East: 4299116.45
 Elev.: 381.45

RECEIVED
 Office of Oil and Gas
 MAR 24 2020
 WV Department of
 Environmental Protection



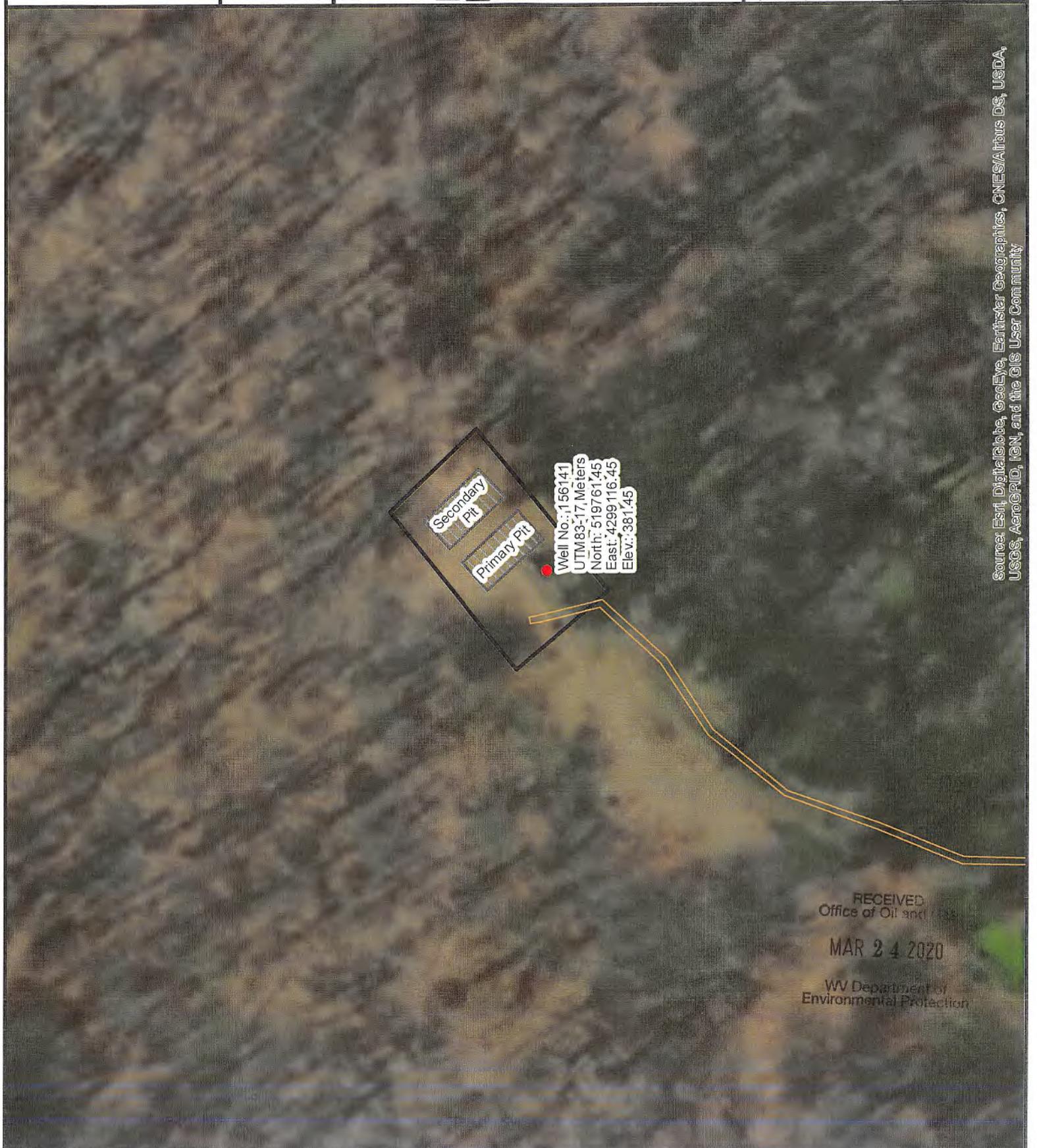
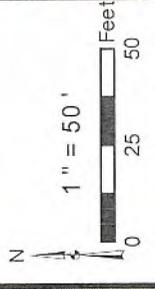
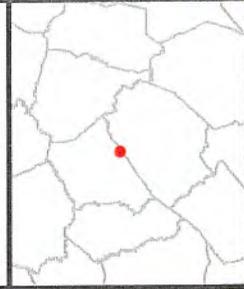
Diversified Gas & Oil Corporation
100 Diversified Way
Pikeville KY, 41051

156141

Plugging Map

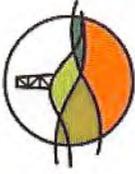
Legend

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



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

RECEIVED
Office of Oil and Gas
MAR 24 2020
WV Department of
Environmental Protection



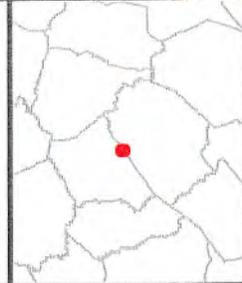
Diversified Gas & Oil Corporation
100 Diversified Way
Pikeville KY, 41051

156141

Plugging Map

Legend

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



Well No.: 156141
 UTM 83-17 Meters
 North: 519761.45
 East: 4299116.45
 Elev.: 381.45



0.33071

GATE FORK

HIGH POINT D

5/9

4214

Ball Run

RECEIVED
 Office of Oil and Gas
 MAR 24 2020
 WV Department of
 Environmental Protection

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

47-021-01896 P



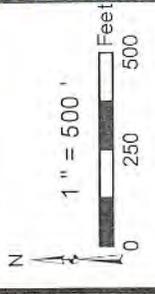
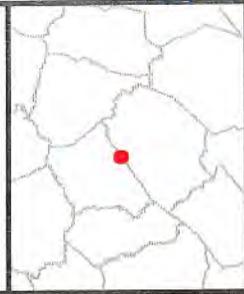
Diversified Gas & Oil Corporation
100 Diversified Way
Pineville KY, 40151

156141

Plugging Map

Legend

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



Well No.: 156141
 UTM 83-7, Meters
 North: 519761.45
 East: 4299116.45
 Elev.: 381.45



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

RECEIVED
 Office of Energy Safety
 MAR 24 2011
 WV Department of Environmental Protection



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

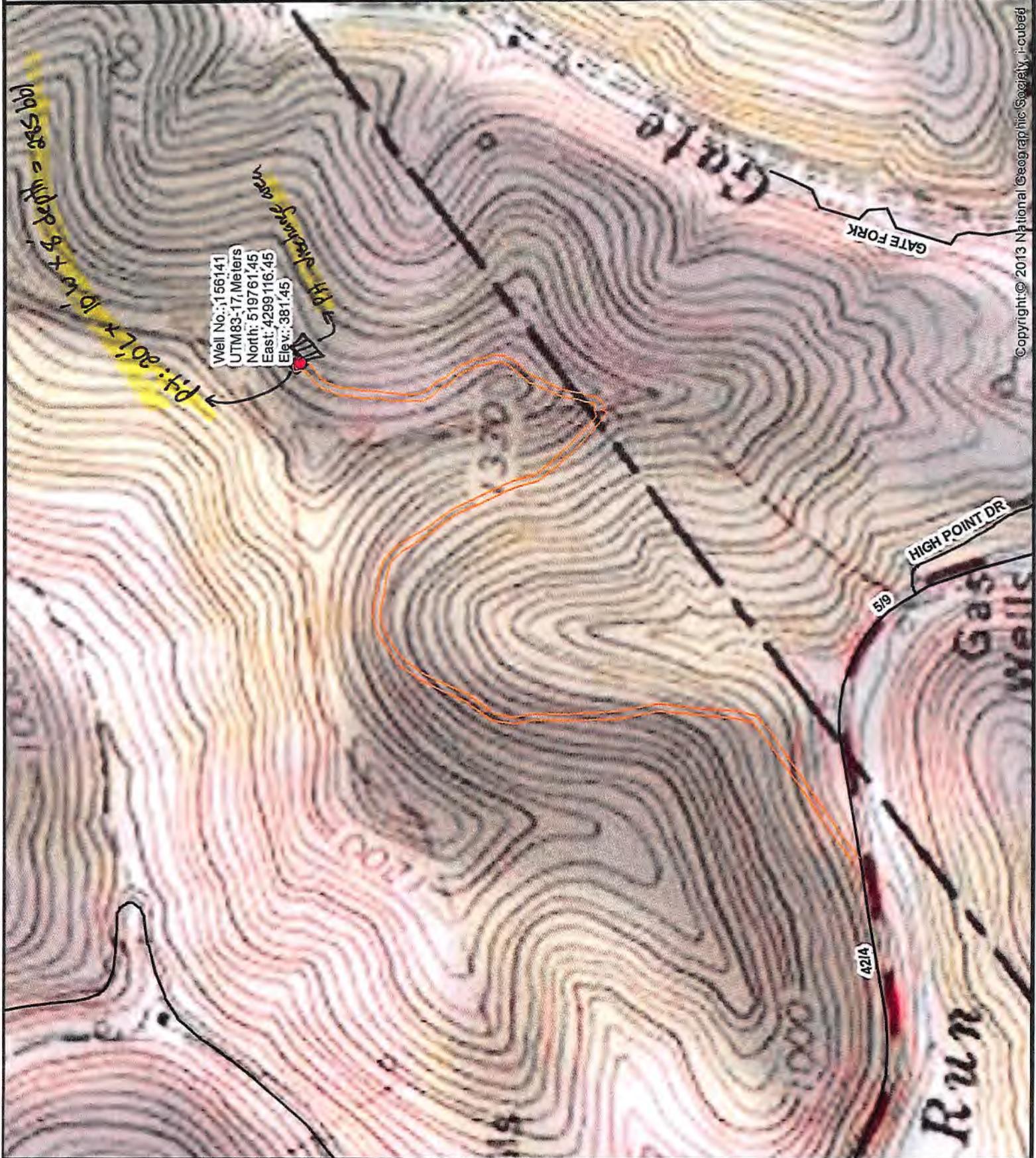
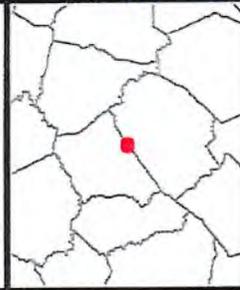
156141

Plugging Map

API - 47-021-01896

Legend

- Well
 - Access Road
 - Pits
 - Pad
 - Public Roads
- Nearest wellhead
Protection area
4.25 miles



47-021-01896 P

WW-7
8-30-06



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

API: 47-021-01896 WELL NO.: 156141

FARM NAME: Laura Goff

RESPONSIBLE PARTY NAME: Alliance Petroleum Company LLC

COUNTY: Gilmer DISTRICT: Center

QUADRANGLE: Cedarville

SURFACE OWNER: Stanford L. Goldsmith & Harley R. Flint

ROYALTY OWNER: Goff Properties LLC & Balcar Inc

UTM GPS NORTHING: 519,761.45

UTM GPS EASTING: 4,299,116.45 GPS ELEVATION: 381.45 m

125'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:
Survey grade GPS : Post Processed Differential
Real-Time Differential
Mapping Grade GPS : Post Processed Differential
Real-Time Differential

RECEIVED
Office of Oil and Gas

MAR 24 2020

WV Department of
Environmental Protection

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

Director Production
Title

3-17-2020
Date

Alliance Petroleum Company,
 LLC Well Number: 156141
 API #: 47-021-01896

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

RECEIVED
 Office of Oil and Gas

MAR 24 2020

WV Department of
 Environmental Protection

Check # 4000002565
 2/12/20
 \$100.00