



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

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Tuesday, September 21, 2021
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE
JACKSON CENTER, PA 16133

Re: Permit approval for GREEN 1-S-751
47-109-01076-00-00

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: GREEN 1-S-751
Farm Name: GREEN, NORMA
U.S. WELL NUMBER: 47-109-01076-00-00
Vertical Plugging
Date Issued: 9/21/2021

Promoting a healthy environment.

09/24/2021

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PERMIT CONDITIONS

471,0901076P

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.

09/24/2021

1) Date August 19, 2021
2) Operator's Well No. 1-S-751
3) API Well No. 47-109 - 01076

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 X ___ or Underground storage ___) Deep ___ / Shallow X ___

5) Location: Elevation 1610 ft Watershed Indian Creek
District Center County Wyoming Quadrangle Pineville

6) Well Operator Diversified Production, LLC 7) Designated Agent Jeff Mast
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 Gary Kennedy Name R & J Well Services, Inc.
Address 66 Old Church Lane Address P.O. Box 40
Pipestem, WV 25979 Hueysville, KY 41640-0040

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

See Attached

RECEIVED
Office of Oil and Gas

AUG 26 2021

WV Department of
Environmental Protection

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

Work order approved by inspector *Gary Kennedy* Date 8/24/21

09/24/2021

4710901076P

PLUGGING PROGNOSIS

Green 1-S-751

West Virginia, Wyoming County

API# 47-109-01076

Lat/Long: 37.5053503155033, -81.5418587049728

Nearest ER: Welch Community Hospital 454 McDowell St. Welch, WV 24801 304-436-8461

Completed by S.T.

Updated 5/21/2020

Casing Schedule

11 3/4" csg @ 30'

9 5/8" csg @ 209' cemented to surface

7" csg @ 895' cemented to surface

4 1/2" csg @ 2250' not in completion report

TD 2250'

Completion: Natural

Fresh Water: N/A

Gas Shows: Ravenclyff 1260'-1314', Lime 1363'-1410', Maxon 1851'-2012'

Coal: 366', 508'

Elevation: 1541'

1. Notify Inspector, Gary Kennedy @ 304-382-8402, 48 hours prior to commencing operations.
2. Check and record pressures on csg.
3. Check TD w/ wireline
4. TIH w/ tbg to 2012'. Load well as needed w/ 6% bentonite gel. Pump 261' C1A cement plug from 2012'-1751' (Maxon gas show).
5. TOOH w/ tbg to 1751'. Pump 6% bentonite gel 1751'-1541'.
6. TOOH w/ tbg to 1541'. Pump 381' C1A cement plug from 1541'-1160' (Elevation, Lime, and Ravenclyff gas shows).
7. TOOH w/ tbg to 1160'. Pump 6% bentonite gel 1160'-945'. TOOH LD tbg.
8. 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.
9. TIH w/ tbg to 945'. Pump 100' C1A cement plug from 945'-845' (7" csg seat).
10. TOOH w/ tbg to 845'. Pump 6% bentonite gel 845'-558'. TOOH LD Tbg
11. TOOH w/ tbg to 558'. Pump 242' C1A cement plug from 558'-316' (Coal).
12. TOOH w/ tbg to 316'. Pump 6% bentonite gel from 316'-100'.
13. TOOH w/ tbg to 100'. Pump 100' C1A cement plug from 100'-0' (Surface). TOOH LD tbg.
14. Erect monument with API#, date plugged, and company name.
15. Reclaim location and road to WV-DEP specifications.

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WV Department of
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09/24/2021

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

4710901076P

Well Operator's Report of Well Work

Farm name: GREEN, NORMA Operator Well No.: GREEN 1-S-751

LOCATION: Elevation: 1541.00 Quadrangle: PINEVILLE

District: CENTER County: WYOMING
Latitude: 14840 Feet South of 37 Deg. 32Min. 30 Sec.
Longitude 1320 Feet West of 81 Deg. 32 Min. 30 Sec.

Company: SCOTT OIL CO.
P. O. BOX 8
GREENWOOD, VA 22943-0000

Agent: JOHN T. HASKINS

Inspector: TIM BENNETT
Permit Issued: 01/31/89
Well work Commenced: 2/27/89
Well work Completed: 3/7/89

Verbal Plugging
Permission granted on: _____
Rotary Cable _____ Rig
Total Depth (feet) 2250
Fresh water depths (ft) _____

Salt water depths (ft) _____

Is coal being mined in area (Y/N)? n
Coal Depths (ft): _____

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			
11 3/4	30		
9 5/8		209	to surface
7"		895	to surface

OPEN FLOW DATA

Producing formation Maxton, Ravencliff Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 137 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 335 psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELBORE.

RECEIVED
JAN 16 1990

For: SCOTT OIL CO.

By: [Signature]
Date: 3/2/89

DIVISION OF OIL & GAS
DEPT. OF ENERGY

[Handwritten signature]

WVOM
1076

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WV Department of
Environmental Protection

09/24/2021

47-109-01076 P
Well 7-5-754

Well not fractured. Natural only

Sandstone	10	220
Sandy shale	220	366
Coal	366	368
Shale	368	376
Coal	376	379
Sandy shale	379	508
Coal	508	512
Sand & Shale	512	1260
Sand	1260	1314
Sand & Shale	1314	1363
Lime	1363	1410
Sand & Shale	1410	1851
Sand	1851	2012
Sand & Shale	2012	2250 TD

[Handwritten signature]

Gamma Ray

Ravenc Cliff	1260-1314
Avis Lime	1363-1410
Maxton	1851-2012

3174

RECEIVED
Office of Oil and Gas

AUG 26 2021

WV Department of
Environmental Protection

09/24/2021

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

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Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			
11 3/4	30		
9 5/8		209	to surface
7"		895	to surface

Salt water depths (ft) _____

Is coal being mined in area (Y/N)? n
Coal Depths (ft): _____

OPEN FLOW DATA

Producing formation Maxton, Ravencliff Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 137 MCF/d Final open flow _____ Bbl/d
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Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

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RECEIVED
JAN 16 1990

DIVISION OF OIL & GAS
DEPT. OF ENERGY

For: SCOTT OIL CO.

By: [Signature]
Date: 3/2/89

WYOM 1076

47-109-01076R
Well I-5-754

Well not fractured. Natural only

Sandstone	10	220
Sandy shale	220	366
Coal	366	368
Shale	368	376
Coal	376	379
Sandy shale	379	508
Coal	508	512
Sand & Shale	512	1260
Sand	1260	1314
Sand & Shale	1314	1363
Lime	1363	1410
Sand & Shale	1410	1851
Sand	1851	2012
Sand & Shale	2012	2250 TD

Gamma Ray

Ravenclyff	1260-1314
Avis Lime	1363-1410
Maxton	1851-2012

8174

09/24/2021

WW-4A
Revised 6-07

1) Date: August 19, 2021

2) Operator's Well Number
1-S-751

3) API Well No.: 47 - 109 - 01076

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>Kathryn Elizabeth Chick</u>	Name <u>None</u>
Address <u>2251 Eisenhower Avenue, Apt 1618</u> <u>Alexandria, VA 22314</u>	Address _____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Kathryn Elizabeth Chick</u>
(c) Name _____	Address <u>2251 Eisenhower Avenue, Apt 1618</u> <u>Alexandria, VA 22314</u>
Address _____	Name _____
6) Inspector <u>Gary Kennedy</u>	(c) Coal Lessee with Declaration
Address <u>66 Old Church Lane</u>	Name <u>No Declaration</u>
<u>Pipestem, WV 25979</u>	Address _____
Telephone <u>304-382-8402</u>	_____

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: Diversified Production, LLC
 By: [Signature] Jeff Mast
 Title: Director Production
 Address: P.O. Box 6070
Charleston, WV 25362
 Telephone: 304-543-6988

Subscribed and sworn before me this 20th day of August, 2021
Phyllis A. Copley Notary Public
 My Commission Expires September 16, 2023

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Office of Oil and Gas
AUG 26 2021
WV Department of
Environmental Protection

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.

Well: 1-5-751
47-109-01076P

7019 1640 0000 1003 3001

U.S. Postal Service™
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Domestic Mail Only

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

Alexandria, VA 22314

OFFICIAL USE

Certified Mail Fee	\$3.60	0523
Extra Services & Fees (check box, add fee as appropriate)	\$2.85	03
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	

Postage \$1.40

Postmark Here

08/20/2021

Well 1-5-751

Kathryn E. Chick (surface and coal)
2251 Eisenhower Avenue, Apt 1618
Alexandria, VA 22314

For Instructions

09/24/2021

WW-9
(5/16)

API Number 47 - 109 - 01076
Operator's Well No. I-S-751

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

Operator Name Diversified Production, LLC OP Code 494524121

Watershed (HUC 10) Indian Creek Quadrangle Pineville

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: Produced fluid and cement returns

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number 2D04701511002 Mod)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

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

-Landfill or offsite name/permit number? N/A

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 Director Production



Subscribed and sworn before me this 20th day of August, 2021

Phyllis A. Copley Notary Public

My commission expires September 16, 2023

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WV Department of
Environmental Protection

09/24/2021

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: [Signature]

Comments: _____

Title: Inspector

Date: 8/24/21

Field Reviewed? () Yes () No

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AUG 26 2021

WV Department of
Environmental Protection

09/24/2021



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

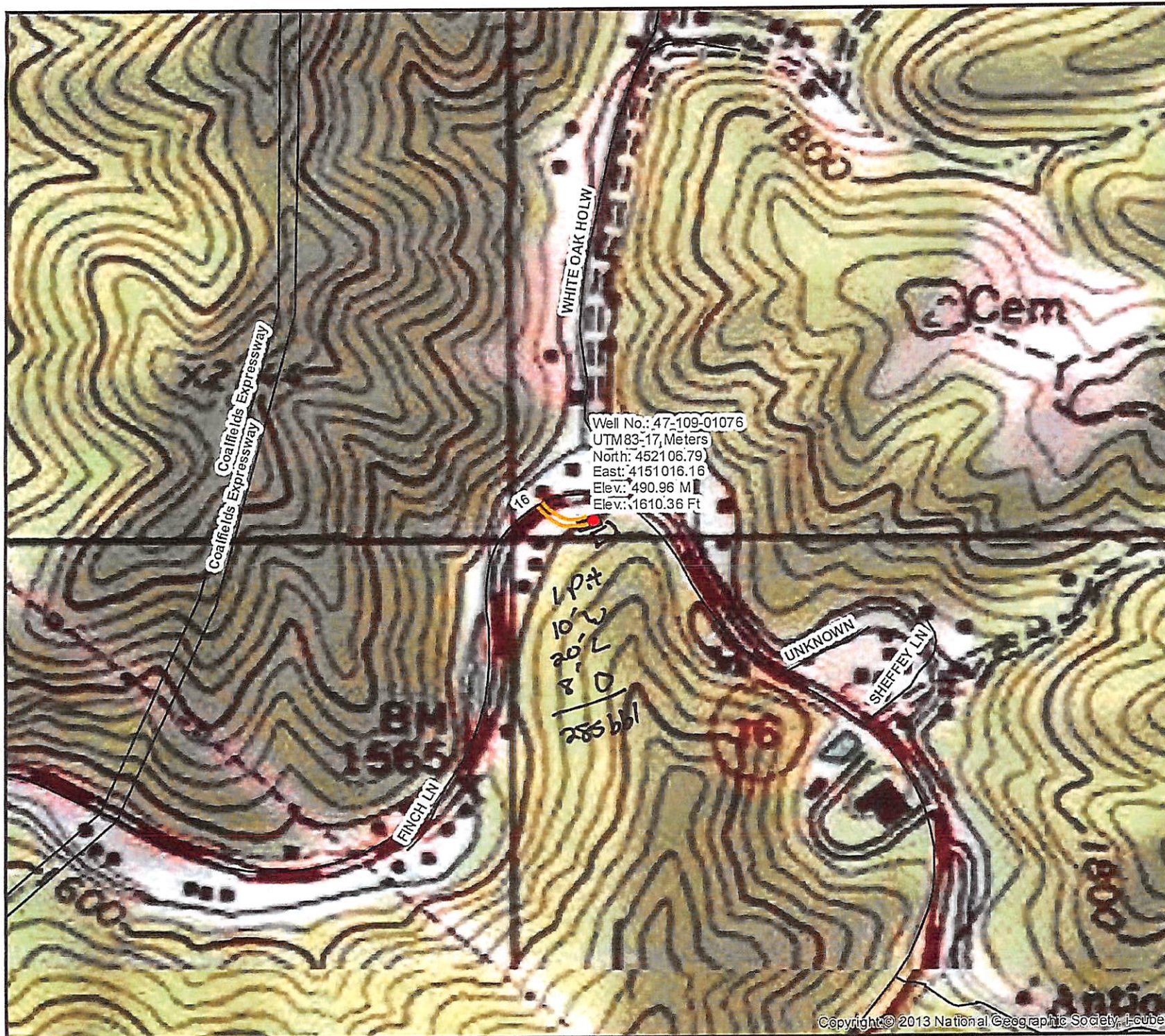
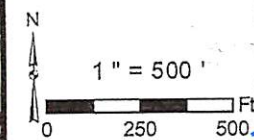
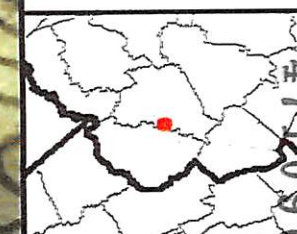
47-109-01076

Plugging Map

Legend

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

Handwritten signature



Well No.: 47-109-01076
UTM83-17, Meters
North: 452106.79
East: 4151016.16
Elev.: 490.96 M
Elev.: 1610.36 Ft



Stansberry, Wade A <wade.a.stansberry@wv.gov>

Plugging Vertical Well Work Permit (API: 47-109-01076)

1 message

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Wed, Sep 22, 2021 at 8:17 AM

To: "Mast, Jeff" <jmast@dgoc.com>, "Kennedy, Gary L" <gary.l.kennedy@wv.gov>, Michael Cook <mecook2@assessor.state.wv.us>

I have attached a copy of the newly issued well [permit](#) number "1-S-751", **API (47-109-01076)**. This will serve as your copy.

If you have any questions, then [please](#) contact us here at the Office of Oil and Gas.

Thank you,

Wade A. Stansberry

Environmental Resource Specialist 3

West Virginia Department of Environmental Protection

Office of Oil & Gas

601 57th St. SE

Charleston, WV 25304


(304) 926-0499 ext. 41115

(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

2 attachments

 **IR-8 Blank.pdf**
157K

 **47-109-01076 - Copy.pdf**
3287K

09/24/2021