



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 DAY 1-S-777
47-109-01107-00-00

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: DAY 1-S-777
Farm Name: DAY, GEORGE
U.S. WELL NUMBER: 47-109-01107-00-00
Vertical Plugging
Date Issued: 9/21/2021

Promoting a healthy environment.

09/24/2021

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PERMIT CONDITIONS 4710901107P

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-777
 3) API Well No. 47-109 - 01107

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 1595 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

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 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  Date 8/24/21

09/24/2021

PLUGGING PROGNOSIS

DAY 1-S-777

West Virginia, Wyoming County

API# 47-109-01107

Lat/Long: 37.5028828320651, -81.5486008604235

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

Completed by S.T.

Updated 5/21/2020

Casing Schedule

9 5/8" csg @ 267' cemented to surface

7" csg @ 964' cemented to surface

4 1/2" csg @ 2898' cemented to surface

TD 2898'

Completion: Frac

- Ravencliff 1316'-1332' 16 holes
- Maxon 1907'-1921' 13 holes
- Little Lime 2427'-2433' 6 holes
- Big Lime 2645'-2650' 5 holes
- Lower Lime 2826'-2833' 6 holes

Fresh Water: 140', 225'**Gas Shows:** see above**Coal:** 350', 472', 493'**Elevation:** 1630'

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 2833'. Load well as needed w/ 6% bentonite gel. Pump 506' C1A cement plug from 2833'-2327' (Lime gas shows).
5. TOOH w/ tbg to 2327'. Pump 6% bentonite gel 2327'-1921'.
6. TOOH w/ tbg to 1921'. Pump 114' C1A cement plug from 1921'-1807' (Maxon gas show).
7. TOOH w/ tbg to 1807'. Pump 6% bentonite gel 1807'-1630'.
8. TOOH w/ tbg to 1630'. Pump 100' C1A cement plug from 1630'-1530' (Elevation).
9. TOOH w/ tbg to 1530'. Pump 6% bentonite gel 1530'-1332'.
10. TOOH w/ tbg to 1332'. Pump 116' C1A cement plug from 1332'-1216' (Ravencliff gas show).
11. TOOH w/ tbg to 1216'. Pump 6% bentonite gel 1216'-553'.
12. TOOH w/ tbg to 553'. Pump 553' C1A cement plug from 553'-0' (Coal, water, surface). TOOH LD Tbg
13. Erect monument with API#, date plugged, and company name.
14. Reclaim location and road to WV-DEP specifications.



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09/24/2021

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

47109011079

Well Operator's Report of Well Work

Farm name: DAY, GEORGE Operator Well No.: DAY 1-S-777

LOCATION: Elevation: 1630.00 Quadrangle: PINEVILLE

District: CENTER County: WYOMING
Latitude: 14300 Feet South of 37 Deg. 32Min. 30 Sec.
Longitude 2075 Feet West of 81 Deg. 32 Min. 30 Sec.

Company: SCOTT OIL COMPANY
P.O. BOX 112
SALEM, WV 26462-0112

Agent: JOHN T. HASKINS

Inspector: RODNEY G. DILLON
Permit Issued: 08/16/89
Well work Commenced: 09/12/89
Well work Completed: 09/23/89
Verbal Plugging
Permission granted on:
Rotary X Cable _____ Rig
Total Depth (feet) 2898
Fresh water depths (ft) 140, 225

Salt water depths (ft) none reported

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

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
9 5/8	267	267	to surface
7	964	964	to surface
4 1/2	2898	2898	350 sks

OPEN FLOW DATA

Ravencliff, Maxton, Little Lime

Producing formation Big Lime, Lower Lime Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 333 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 270 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 SYSTEMIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING LOGS ENCOUNTERED BY THE WELLBORE.

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JAN 16 1990

DIVISION OF OIL & GAS
DEPT. OF ENERGY

For: SCOTT OIL COMPANY

By: John T. Haskins
Date: 10/04/89

W 40 W
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09/24/2021

WEN I-5-777

47-109-01107P

Ravenclyff	1316	1332	16 holes	24,000# 20/40	130,000 SCF N2
Maxton	1907	1921	13 holes	50,000# 20/40	230,000 SCF N2
Little Lime	2427	2433	6 holes	3,000 gal 28% HCL	50,000 SCF N2
Big Lime	2645	2650	5 holes	2,000 gal 28% HCL	40,000 SCF N2
Lower Lime	2826	2833	6 holes	2,000 gal 28% HCL	40,000 SCF N2

Sandstone & Shale	0	350	Wet @ 140 feet	1" Stream @ 225
Coal	350	351		
Sand & Shale	351	472		
Coal	472	474		
Sand & Shale	474	493		
Coal	493	496		
Sand & Shale	496	1250		
Ravenclyff	1250	1340		
Sand & Shale	1340	1850		
Maxton	1850	1983		
Sand & Shale	1983	2360		
Little Lime	2360	2435		
Sand & Shale	2435	2525		
Big Lime	2524	2898	TD	

Gamma Ray Tops

Ravenclyff	1254	1338
Avis Lime	1380	1425
Maxton	1855	1990
Lower Maxton	2210	2311
Little Lime	2370	2445
Big Lime	2524	?

4/20/00

WW-4A
Revised 6-07

1) Date: August 19, 2021
2) Operator's Well Number
1-S-777

3) API Well No.: 47 - 109 - 01107

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

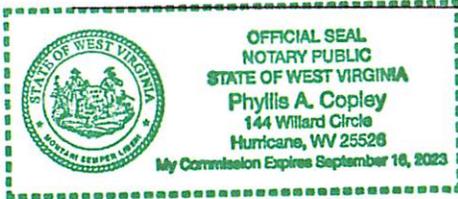
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>William D. Payne</u>	Name <u>None</u>
Address <u>9482 Welch Pineville Road</u>	Address _____
<u>Welch, WV 24801-9851</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>William D. Payne</u>
_____	Address <u>9482 Welch Pineville Road</u>
(c) Name _____	<u>Welch, WV 24801-9851</u>
Address _____	Name _____
_____	Address _____
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
 Its: Director Production
 Address P.O. Box 6070
Charleston, WV 25362
 Telephone 304-543-6988

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Office of Oil and Gas

AUG 26 2021

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

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.

09/24/2021

Well: I-5-777
47-109-01107P

7019 1640 0000 1003 3018

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
Welch, WV 24801	
OFFICIAL USE	
Certified Mail Fee	\$3.60
Extra Services & Fees (check box, add fee if appropriate)	\$2.85
<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
Total	\$7.85
Sent to: William D. Payne 9482 Welch Pineville Road Welch, WV 24801-9851	
Postmark Here: 0523 03	
Date: 08/20/2021	
PS Form 3800, April 2010	Instructions

09/24/2021

WW-9
(5/16)

API Number 47 - 109 - 01107
Operator's Well No. L-S-777

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

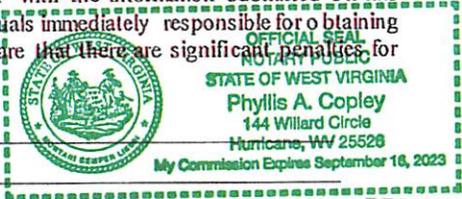
-Landfill or offsite name/permit number? N/A

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 _____
Company Official (Typed Name) Jeff Mast
Company Official Title Director Production



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Office of Oil and Gas

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

Phyllis A. Copley Notary Public

My commission expires September 16, 2023

AUG 26 2021

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:

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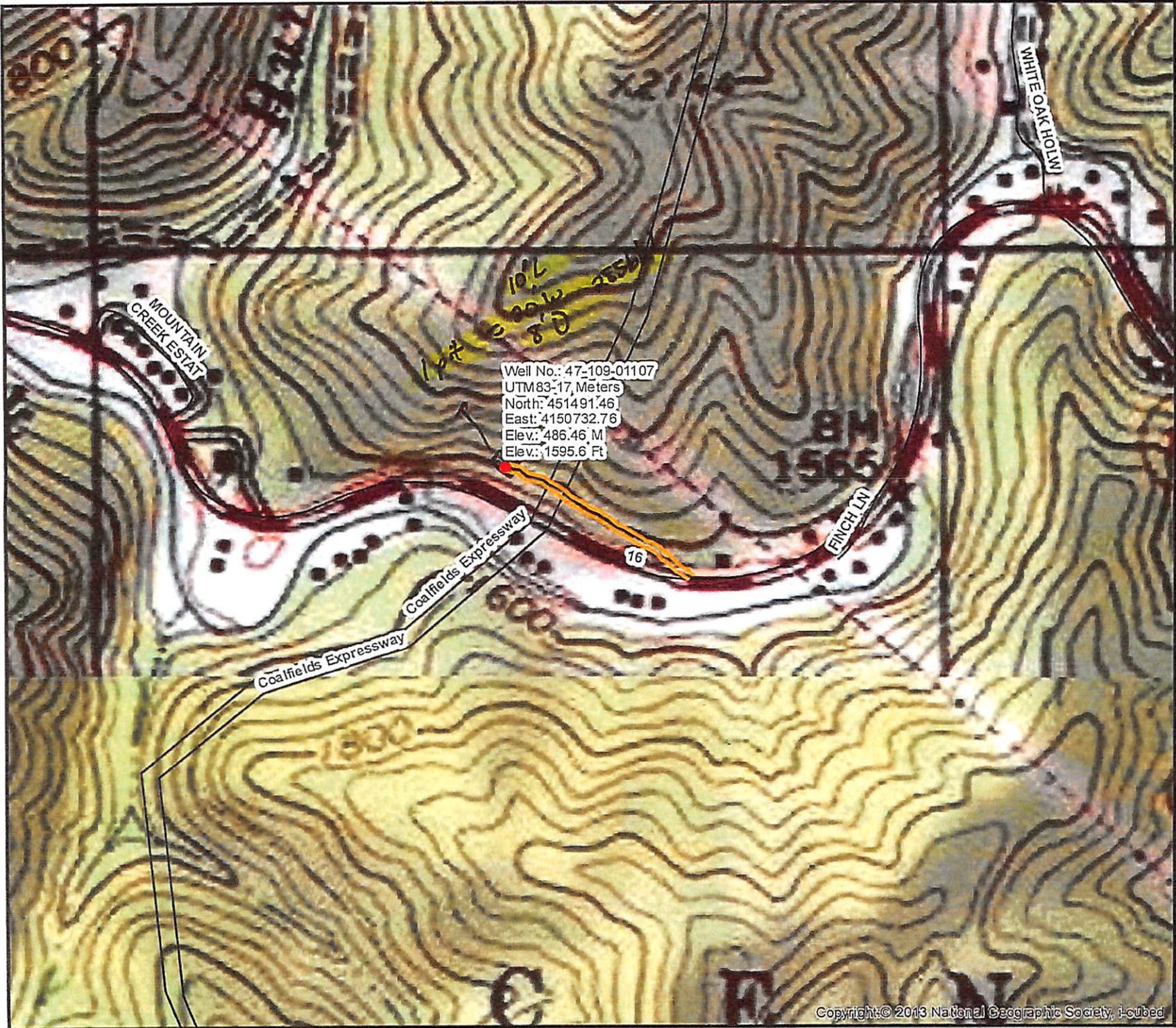
Title: Inspector

Date: 8/24/21

WV Department of Environmental Protection

Field Reviewed? () Yes () No

4710901107P



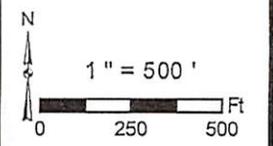
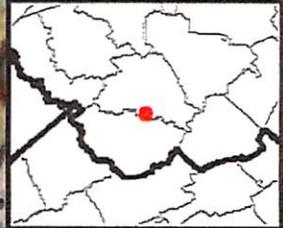
Diversified Gas & Oil Corporation
 100 Diversified Way
 Pikeville KY, 41051

47-109-01107

Plugging Map

Legend

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



WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-109-01107 WELL NO.: 1-S-777
 FARM NAME: Day, George
 RESPONSIBLE PARTY NAME: Diversified Production LLC
 COUNTY: Wyoming DISTRICT: Center
 QUADRANGLE: Pineville
 SURFACE OWNER: William O. Payne
 ROYALTY OWNER: DP BlueGrass LP
 UTM GPS NORTHING: 4,150,732.7
 UTM GPS EASTING: 451,491.4 GPS ELEVATION: 1595'

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

Director Production

Title

08/09/2021

Date

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Environmental Protection

09/24/2021



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

Plugging Vertical Well Work Permit (API: 47-109-01107)

1 message

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

Wed, Sep 22, 2021 at 8:19 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 "DAY 1-S-777", API (47-109-01107). 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

 **47-109-01107 - Copy.pdf**
2960K

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

09/24/2021