



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

Friday, March 19, 2021
WELL WORK PLUGGING PERMIT
Coal Bed Methane Well Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 026704
47-047-02466-00-00

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.

A handwritten signature in blue ink, appearing to read 'James A. Martin'.

James A. Martin
Chief

Operator's Well Number: 026704
Farm Name: ALAWEST, INCORPORATED
U.S. WELL NUMBER: 47-047-02466-00-00
Coal Bed Methane Well Plugging
Date Issued: 3/19/2021

I

4704702466P

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.
4. This well is under a consent order and must be plugged within two years of the date of issuance of this permit.

03/26/2021

1) Date March 3, 2021
2) Operator's
Well No. 026704 **4704702466P**
3) API Well No. 47-047 02455

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 497.38 meters Watershed Big Branch of Clear Fork
District Big Creek County McDowell Quadrangle Davy

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, WV 41640-0040

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

SEE ATTACHED

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

Work order approved by inspector  Date 3/4/21

PLUGGING PROGNOSIS

Alawest #026704
West Virginia, McDowell County
API# 47-047-02466


Completed by S.T.
Updated 4/29/2020

Casing Schedule

9 5/8" csg @ 62'
7" csg @ 306' cemented to surface
4 1/2" csg @ 1235'
2 3/8" tbg and rods estimated @ 1100'. Free as of 6/13/2019
TD 1258'

Completion: Frac

Fresh Water: 450'
Gas Shows: CBM 418', 498', 515', 606', 691', 854', 985'
Oil Shows: None Recorded
Coal: 418', 498', 515', 606', 691', 854', 985'
Elevation: 1625'

1. Notify Inspector, Gary Kennedy @ 304-382-8402, 48 hours prior to commencing operations.
 2. Check and record pressures on tbg/csg.
 3. TOOH LD rods, pump. Pump 6% bentonite gel to kill well as needed.
 4. TOOH LD tbg and inspect.
 5. Check TD w/ wireline.
 6. TIH w/ tbg 1250'. Pump 625' C1A cement plug from 1250'-625'.
 7. TOOH w/ tbg to 625'. Pump 625' C1A cement plug from 625'-surface.
 8. TOOH LD tbg.
 9. Erect monument with API#, date plugged, and company name.
 10. Reclaim location and road to WV-DEP specifications.
- 

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

RECEIVED
Office of Oil & Gas

March 21 2008

Well Operator's Report of Well Work

WV Department of
Environmental Protection

Farm name: Alawest, Inc. Operator Well No.: 026704

LOCATION: Elevation: 1625.85 Quadrangle: Davy

District: Big Creek County: McDowell
Latitude: 8080' Feet South of 37 Deg. 25 Min. 00 Sec.
Longitude 10500' Feet West of 81 Deg. 40 Min. 00 Sec.

Company Address:

Dart Oil & Gas Corporation 999 Executive Park Blvd, Suite 320 Kingsport, TN 37660	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
	9 5/8"		62'	Condr Pipe
	7"		306'	55 sx to Surf
Agent: Jackie Lee Hatfield	4 1/2"		1235'	75 sx to Surf
Inspector: Barry Stollings				
Date Permit Issued: November 2, 2007				
Date Well Work Commenced: Nov 27, 2007				
Date Well Work Completed: TD'd Dec. 01, 2007				
Verbal Plugging: N/A				
Date Permission granted on: N/A				
Rotary <input checked="" type="checkbox"/> Cable Rig <input type="checkbox"/> Large Energy <input type="checkbox"/>				
Total Depth (feet): 1306' LTD 1258'				
Fresh Water Depth (ft.): 450'				
Salt Water Depth (ft.): None				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				

OPEN FLOW DATA - Well has not been completed.

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

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.). N/A

SUPPLEMENTAL Page #2: THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: Edward K Diminick
By: Edward K. Diminick, District Manager
Date: 3/18/08

03/26/2021

Farm Name:
 Operation's Well #:
 API # :

Alawest, Inc.
 026704
 47-4702466

DRILLER'S LOG

Compiled by: Shane, Huffman, Geologist

Geologic Age	Formation	General Lithology	Color	Depth		Thickness	Remarks
				Top	Bottom		
Pennsylvanian		Sand, Shale & Coal		0	418		
Pennsylvanian	Beckley 3	Coal		418	424	6.0'	
Pennsylvanian		Sand, Shale & Coal		424	498		
Pennsylvanian	Fire Creek	Coal		498	501	3.0'	
Pennsylvanian		Sand & Shale		501	515		
Pennsylvanian	L.Fire Creek	Coal		515	517	2.0'	
Pennsylvanian		Sand, Shale & Coal		517	606		
Pennsylvanian	Poco 8	Coal		606	608	2.0'	
Pennsylvanian		Sand & Shale		608	691		
Pennsylvanian	Poco 7 split	Coal & Shale		691	701	10.0'	
Pennsylvanian		Sand & Shale		701	854		
Pennsylvanian	Poco 4	Coal		854	857	3.0'	
Pennsylvanian		Sand, Shale & Coal		857	985		
Pennsylvanian	Poco 3	Coal		985	989	4.0'	
Pennsylvanian		Sand, Shale & Coal		989	TD		

Permittee: Dart Oil & Gas Corporation (Company)

By: Edward K. Diminick (Signature)

Edward K. Diminick, District Manager

1) Date: March 3, 2021
2) Operator's Well Number
026704
3) API Well No.: 47 - 047 - 02466

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

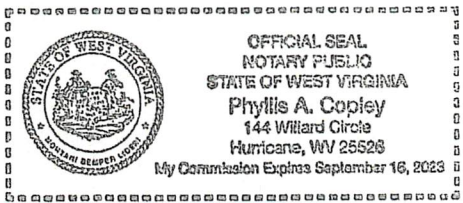
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Alawest Inc.</u>	Name _____
Address <u>P.O. Box 920</u>	Address _____
<u>Welch, WV 24801</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Alawest Inc.</u>
_____	Address <u>P.O. Box 920</u>
_____	<u>Welch, WV 24801</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Gary Kennedy</u>	(c) Coal Lessee with Declaration
Address <u>66 Old Church Lane</u>	Name _____
<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

Subscribed and sworn before me this 3rd day of March, 2021

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.

4704702466P

Well 026704

47-047-02466

7020 2450 0001 5225 2508

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 fees as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$2.85
<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	\$

0523
03

Postmark
Here

Postage \$8.55

\$ To P&A Wellst, 02481, 026602, 026704, 03/04/2021
\$ 026603, 026501, 026502, 026301, 024605

\$ Sec
\$ St
\$ Cit
Alawest Inc.
P.O. Box 920
Welch, WV 24801

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for instructions

03/26/2021


4704702466P

J17 1450 0002 3854 0894

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT <i>Domestic Mail Only</i>	
For delivery information, visit our website at www.usps.com . WELCH, WV 24801	
OFFICIAL USE	
Certified Mail Fee \$3.55 \$ \$7.85 Extra Services & Fees (check box, add fee as appropriate) <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	0523 04 Postmark Here
Postage \$2.60 \$ \$9.00	06/09/2020
P&A wells: 024605, 026301, 026704, 026603	
Alawest Inc. P.O. Box 920 Welch, WV 24801	
for Instructions	

03/26/2021

4704702466P

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY																
<ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> <i>B. Browning</i> <input type="checkbox"/> Addressee</p>																
<p>1. Article Addressed to:</p> <p style="text-align: center;">P&A wells: 024605, 026301, 026704, 02660</p> <p>Alawest Inc. P.O. Box 920 Welch, WV 24801</p>  <p style="text-align: center;">9590 9403 0267 5155 0067 47</p>	<p>B. Received by (Printed Name) C. Date of Delivery <i>Browning</i> <i>6/11</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No <div style="text-align: center; font-size: 2em; font-family: cursive;">COVID-19</div> </p>																
<p>2. Article Number (Transfer from service label) 7017 1450 0002 3854 0894</p>	<p>3. Service Type</p> <table border="0"> <tr> <td><input type="checkbox"/> Adult Signature</td> <td><input type="checkbox"/> Priority Mail Express®</td> </tr> <tr> <td><input type="checkbox"/> Adult Signature Restricted Delivery</td> <td><input type="checkbox"/> Registered Mail™</td> </tr> <tr> <td><input checked="" type="checkbox"/> Certified Mail®</td> <td><input type="checkbox"/> Registered Mail Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail Restricted Delivery</td> <td><input type="checkbox"/> Return Receipt for Merchandise</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery</td> <td><input type="checkbox"/> Signature Confirmation™</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery Restricted Delivery</td> <td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Insured Mail</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</td> <td></td> </tr> </table>	<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®	<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™	<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery	<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise	<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™	<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery	<input type="checkbox"/> Insured Mail		<input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)	
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<input type="checkbox"/> Insured Mail																	
<input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)																	

PS Form 3811, April 2015 PSN 7530-02-000-9053

Domestic Return Receipt

03/26/2021

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) Big Branch of Clear Fork (0507020101) Quadrangle Davy

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.?

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 Diversified 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) Jeff Mast
Company Official Title Director Production

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Phyllis A. Copley
144 Willard Circle
Hurricane, WV 25528
My Commission Expires September 16, 2023

Subscribed and sworn before me this 3rd day of March, 2021
Phyllis A. Copley Notary Public
My commission expires September 16, 2023

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.

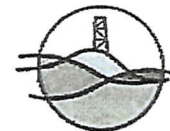
Photocopied section of involved 7.5' topographic sheet.

Plan Approved by:

Comments: _____

Title: Inspector Date: 3/4/21

Field Reviewed? () Yes () No



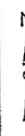
Diversified Gas & Oil
Corporation
100 Diversified Way
Pikeville KY, 41051

47-047-02466

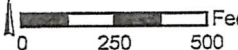
Plugging Map

Legend

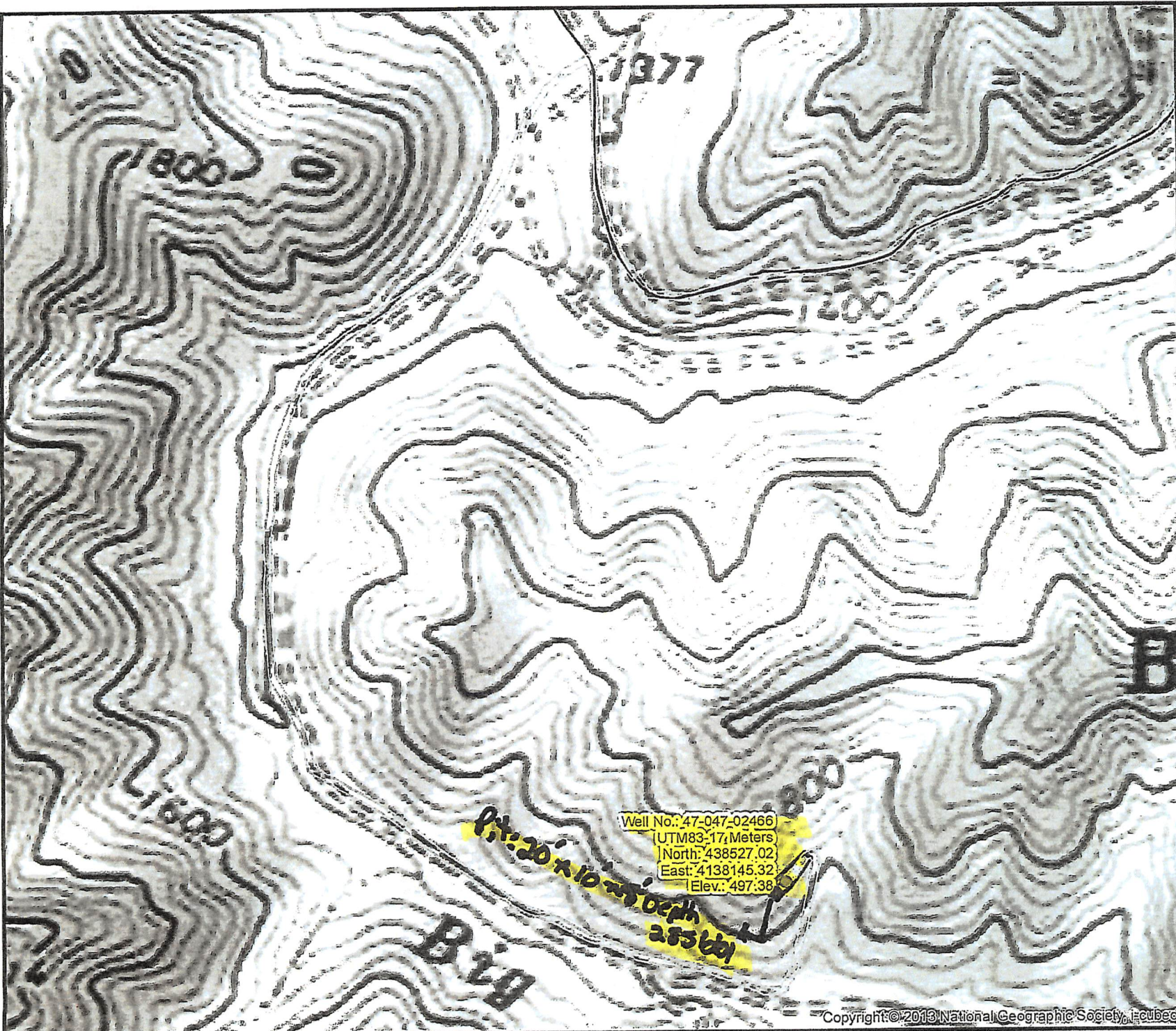
- Well
- Access Road
- ▨ Pit
- Pad
- Public Roads



1" = 500'



4704702466P



Well No.: 47-047-02466
UTM83-17, Meters
North: 438527.02
East: 4138145.32
Elev.: 497.38

Pit: 20' x 10' x 25' depth

WW-7
8-30-06



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

API: 47-047-02466 WELL NO.: 026704

FARM NAME: Alawest, Inc

RESPONSIBLE PARTY NAME: Diversified Production LLC

COUNTY: McDowell DISTRICT: Big Creek

QUADRANGLE: Davy

SURFACE OWNER: Alawest, Inc

ROYALTY OWNER: Alawest, Inc

UTM GPS NORTHING: 4,138,145.32

UTM GPS EASTING: 438,527.02 GPS ELEVATION: 497.38 meters (1626')

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

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

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Signature [Signature] Director Production Title 3/03/21 Date