



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, May 18, 2020

WELL WORK PLUGGING PERMIT
Vertical Plugging

MOUNTAINEER STATE ENERGY, INC.
1603 LBJ FREEWAY, SUITE 300

DALLAS, TX 75234

Re: Permit approval for APLIN-DUVALL 351 REV.
47-035-03030-00-00

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: APLIN-DUVALL 351 REV.
Farm Name: WILLIAM AND DENNISE D __
U.S. WELL NUMBER: 47-035-03030-00-00
Vertical Plugging
Date Issued: 5/18/2020

I

47-035-03030P

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.

H-4B
ev. 2/01

1) Date 5/6, 2020
2) Operator's Well No. 351-A
3) API Well No. 47-035-03030P

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

RECEIVED
Office of Oil and Gas

MAY - 8 2020

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

WV Department of
Environmental Protection

4) Well Type: Oil ___ / Gas / Liquid injection ___ / Waste disposal ___
(If "Gas, Production ___ or Underground storage ___) Deep / Shallow ___

5) Location: Elevation 994' Watershed McGonnel Run of Big Sandy Creek
District COAPT County JACKSON Quadrangle Rockport

6) Well Operator Mountain State Energy 7) Designated Agent _____
Address PO Box 27 Address _____
Sandyville WV 25275

8) Oil and Gas Inspector to be notified
Name Joe Taylor
Address 1428 Claylick Road
Ripley WV 25271

9) Plugging Contractor
Name R & R Well Service Inc.
Address 42 Lynch Road
Walton WV 25286

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

Well # 351A - Plugging Schedule

Set Cement Plug from TD @ 5043' to 4823'. This plug will extend 100' above top of Onondaga logged at 4923'

Free Point 4 1/2" casing, cut casing - Set 100' Cement Plug 50' above and 50' Below Casing Cut.

Set 100' Cement Plug at Elevation 994'

Set 100' Cement Plug at 330' to 430' to cover Fresh Water encountered at 380'.

Set 100' Cement Plug at Surface along with Well Monument.

Note: Gel Spacers will be used between all Cement Plugs

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

Work order approved by inspector

Date

6-8-2020

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47-035-03030 County JACKSON District GRANT
Quad Rockport Pad Name Well # 351-A Field Pool Name Aplix Duvall
Farm name William & Denise Duvall Well Number Well # 351-A
Operator (as registered with the OOG) Mountainview State Energy, Inc.
Address 1603 LBJ Freeway Suite 300 City Dallas State TX Zip 75234

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,317,466.3 Easting 447,814.3
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing _____ Easting _____

Elevation (ft) 994' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s) _____

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Office of Oil and Gas
MAR 31 2020

Date permit issued 8/19/2019 Date drilling commenced 9/03/2019 Date drilling ceased 9/17/2019
Date completion activities began N/A Date completion activities ceased N/A
Verbal plugging (Y/N) _____ Date permission granted _____ Granted by _____

WV Department of
Environmental Protection

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 380' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1380' Void(s) encountered (Y/N) depths N
Coal depth(s) ft N/A Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:
Joe Taylor
3-25-2020

WR-35
Rev. 8/23/13

API 47-035-03030 Farm name William & DENNISE Duvall Well number #351-A

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below *
Conductor	15 1/2"	13 3/8"	42'	NEW	R3 48* J55		Grouted to Surface
Surface	12 1/4"	9 5/8"	950'	NEW	R3 36* J55	200', 520', 790'	YES
Coal							
Intermediate 1	8 3/4"	7"	2345'	NEW	R3 23* J55	1913', 1739'	YES
Intermediate 2						+ 2133'	
Intermediate 3							
Production	6 1/4"	4 1/2"	5010'	NEW	R3 10 50* J55	None	NO
Tubing							
Packet type and depth set							

Comment Details 9 5/8" CEMENT circulated @ 6 bbl, 7" casing CEMENT circulated @ 15 bbl
4 1/2" casing CEMENT calculated to bring into 7" casing - NOT Logged.

CEMENT DATA	Class Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	CLASS A	5				SURFACE	
Surface	CLASS A	390	15.6	1.18		SURFACE	8 hrs
Coal							
Intermediate 1	CLASS A	340	15.6	1.18		SURFACE	8 hrs
Intermediate 2							
Intermediate 3							
Production	CLASS A	230	14.7	1.36		Not Logged	12 hrs
Tubing							

Drillers TD (ft) 5046' Loggers TD (ft) 5019'
Deepest formation penetrated Driskany Plug back to (ft) _____
Plug back procedure _____

Kick off depth (ft) _____

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Oil and Gas
MAR 31 2020
WV Department of Environmental Protection

Check all wireline logs run
 caliper density deviated directional induction
 neutron resistivity gamma ray temperature

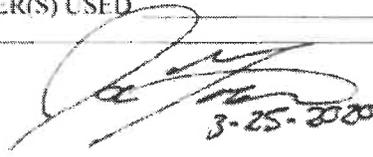
Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING N/A

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS Natural

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____


3-25-2020

LEGEND

LEASE LINE
SURFACE LINE
TIE LINE
CREEK
ROAD
COUNTY ROUTE
STATE ROUTE
PROPOSED WELL
EXISTING WELL
PROPOSED WELL
TAX MAP-PARCEL

APLIN-DUVAL LEASE
1,880 ACRES±
WELL NO. 351 REV. 1

(S.P.C. SOUTH ZONE) (UTAH) ZONE 17 NORTH

140727 S.P.C. (P) N. 7205317.5 E. 1.0224331
140727 GEO. LAT. 00 39 02 1078 LONG. 00 61 20 223
140727 UTM (E) N. 4 017,468 E. 4 477,143

LATITUDE 35°02'20"

LONGITUDE 81°30'00"

NOTES ON SURVEY

1. NO WATER WELLS WERE FOUND WITHIN 500' OF PROPOSED WELL NO. 351 REV. 1. NO WATER WELLS WERE FOUND WITHIN 500' OF THE CENTER OF PROPOSED WELL NO. 351 REV. 2.
2. APPROXIMATE WASTE OCCURRING EQUIVALENT AS STAIN PROVIDED BY NEARBY WELLS IS 1.0000 GPM PER WELL.
3. UNMAINTAINED ARE SHOWN.

REFERENCES

REBAR
FIELD
WELL NO. 351 REV. 1
WELL NO. 351 REV. 2

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

WELL OPERATOR MOUNTAIN STATE ENERGY, INC. **DESIGNATED AGENT** JOHN KENT
ADDRESS P.O. BOX 27 **ADDRESS** P.O. BOX 27
SANDYVILLE, WV 26276-0027 SANDYVILLE, WV 26276-0027

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Office of Oil and Gas

MAY - 8 2020

WV Department of
Environmental Protection

[Signature]

MAY - 8 2020

WW-4A
Revised 6-07

1) Date: 5/06/2020
2) Operator's Well Number # 351A WV Department of Environmental Protection

3) API Well No.: 47 - 025 - 03030

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 & Denise Duvall</u>	Name _____
Address <u>724 Green Road</u>	Address _____
<u>Kenna, WV 25248</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Joe Taylor</u>	(c) Coal Lessee with Declaration
Address <u>1478 Claylick Road</u>	Name _____
<u>Ripley WV 25271</u>	Address _____
Telephone <u>304-580-7469</u>	_____

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

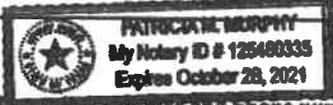
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverse 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 Mountain State Energy INC.
 By: X J. Blanton
 Its: PRESIDENT
 Address P.O. Box 27 Sandsville WV 25275
 Telephone 304-278-9313

Subscribed and sworn before me this 7th day of May, 2020
[Signature] Notary Public
 My Commission Expires October 23, 2021



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.

47-035-03030P

7018 3090 0001 9444 2324

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Certified Mail Fee	\$3.55	0271 09 Postmark Here
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<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	
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<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	05/07/2020
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$1.40	
Total Postage and Fees	\$7.80	

Sent To
 Street and Apt. No., or PO Box No.
 City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7531-02-000-9047 See Reverse for Instructions

RIPLEY
 114 MAIN ST W
 RIPLEY, WV 25271-9998
 556972-0271
 (800)275-8777
 05/07/2020 04:13 PM

Product	Qty	Unit Price	Price
First-Class Mail® Large Envelope (Domestic) (KENNA, WV 25248) (Weight:0 lb 2.60 Oz) (Estimated Delivery Date) (Monday 05/11/2020)	1	\$1.40	\$1.40
Certified (USPS Certified Mail #) (70183090000194442329)			\$3.55
Return Receipt (USPS Return Receipt #) (9590940250709092754329)			\$2.85
Total:			\$7.80

Credit Card Remitd \$7.80
 (Card Name:MasterCard)
 (Account #:XXXXXXXXXX5266)
 (Approval #:00787P)
 (Transaction #:585)
 (AID:A0000000041010 Chip)
 (AL:Mastercard)
 (PIN:Not Required)

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 Office of Oil and Gas
 MAY - 8 2020
 WV Department of
 Environmental Protection

Mountaineer State Energy, Inc.

Intersection Routes 21 and 56
P.O. Box 27
Sandyville, WV 25275
304 273-9313

May 7, 2020

Mr. William Duvall
724 Green Road
Kenna, WV 25248

SUBJECT: WELL # 351 - JACKSON COUNTY, WV

Dear Mr. Duvall:

This letter is to inform you that our well # 351 that we drilled on your property in Jackson County last fall was non-producing.

This is your notice that we are planning to plug the above mentioned well and reclaim the location site.

Sincerely,

MOUNTAINEER STATE ENERGY, INC.



Rick Lathey
Production Supervisor.

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MAY - 8 2020

WV Department of
Environmental Protection

SURFACE OWNER WAIVER

RECEIVED
Office of Oil and Gas

Operator's Well
Number

351-A

MAY - 8 2020

WV Department of
Environmental Protection

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

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

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

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

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

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

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

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

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

VOLUNTARY STATEMENT OF NO OBJECTION

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

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

**FOR EXECUTION BY A NATURAL PERSON
ETC.**

**FOR EXECUTION BY A CORPORATION,
ETC.**

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

WW-4B

API No. 47-035-03030
Farm Name Apin-Duwell
Well No. #351-A

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator N/A / owner N/A / lessee N/A / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____
Its _____

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Office of Oil and Gas

MAY - 8 2020

WV Department of
Environmental Protection

WV-9
(5/16)

API Number 47 - 035-03030 P
Operator's Well No. #351-A

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

Operator Name Mountain State Energy Inc. OP Code 494508848

Watershed (HUC 10) McGraw Run of Big Sandy Coal Quadrangle Rockport

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

WILL USE MILL PIT TO CONTAIN ANY
WELL EFFLUENT BEFORE OFF SITE DISPOSAL.
gvm

If so, please describe anticipated pit waste: _____

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 WV-9-GPP)
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WV-9 for disposal location)
- Other (Explain _____)

Will closed loop system be used? If so, describe: _____

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

-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. LEAVE IN PIT

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

-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) GARY S. BERTON

Company Official Title PRESIDENT

MAY - 8 2020

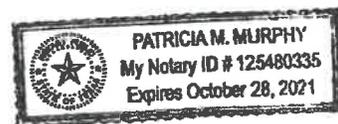
WV Department of Environmental Protection

Subscribed and sworn before me this 7th day of May, 2020

[Signature]

Notary Public

My commission expires October 28, 2021



Form WW-9

Operator's Well No. #351-A

Proposed Revegetation Treatment: Acres Disturbed 3.8 Prevegetation pH 4.8 or 5.0

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20

Fertilizer amount 500/600 lbs/acre

Mulch Hay/Straw Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Land Owner Request			
Southern States Mixture			
or equivalent			

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: Joe Taylor

Comments: sediment control in place at all times

RECEIVED Office of Oil and Gas

MAY - 8 2020

Title: OOG Inspector

Date: 5-8-2020

Field Reviewed? (✓) Yes

() No

WV Department of Environmental Protection

N/A

WW-9- GPP
Rev. 5/16

Page 1 of 2
API Number 47 - 035-03030
Operator's Well No. #351-A

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

Operator Name: Mountain State Energy Inc.
Watershed (HUC 10): McGraw Run of Big Sandy Creek Quad: Rockport
Farm Name: Aplin-Duvall

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

All Fluid contained on site, no discharge of fluids off site.

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

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

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

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Office of Oil and Gas
MAY 8 2020
WV Department of
Environmental Protection

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



N/A

WV-9- GPP
Rev. 5/16

Page 2 of 2
API Number 47 - 035-03030
Operator's Well No. #351-A

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

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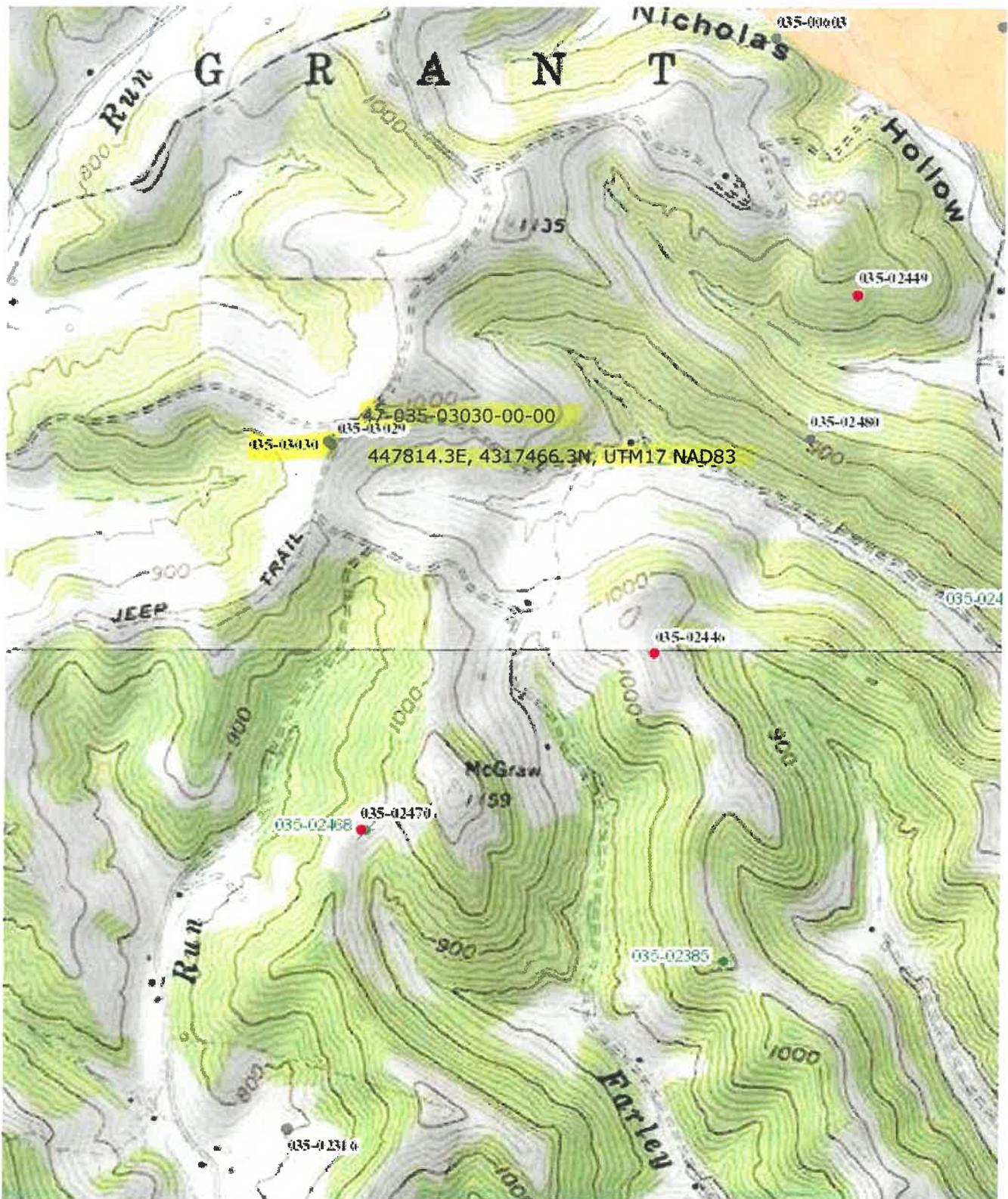
8. Provide provisions and frequency for inspections of all GPP elements and equipment.

WV Department of
Environmental Protection

Signature: X 

Date: MAY 7, 2020





WW-7
8-30-06



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

API: 47-035-03030 WELL NO.: #351-A
FARM NAME: Aplin-Duvall
RESPONSIBLE PARTY NAME: Mountainview State Energy Inc.
COUNTY: JACKSON DISTRICT: Grant
QUADRANGLE: Rockport
SURFACE OWNER: William & DENISE Duvall
ROYALTY OWNER: Aplin Heirs
UTM GPS NORTHING: 4,317,466.3
UTM GPS EASTING: 447,814.5 GPS ELEVATION: 994'

SEE Attached Map.

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

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.

X [Signature] PRESIDENT 5/7/2020
Signature Title Date

RECEIVED
Office of Oil and Gas
MAY - 8 2020
WV Department of
Environmental Protection

[Signature]
5-8-2020

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Office of Oil and Gas

MAY - 8 2020

WV Department of
Environmental Protection

11/10/2016

PLUGGING PERMIT CHECKLIST

Plugging Permit

- WW-4B
- WW-4B signed by Inspector
- WW-4A
- SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- WW-9 PAGE 1 (NOTARIZED)
- WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- RECENT MYLAR PLAT OR WW-7
- WELL RECORDS/COMPLETION REPORT
- TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- MUST HAVE VALID BOND IN OPERATOR'S NAME
- CHECK FOR \$100 IF PIT IS USED