



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

Monday, March 15, 2021
WELL WORK PLUGGING PERMIT
Vertical Plugging

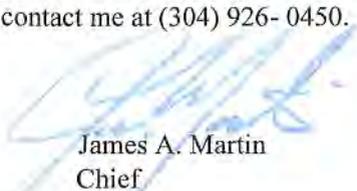
WEST VIRGINIA LAND RESOURCES, INC.
46226 NATIONAL ROAD WEST
ST. CLAIRSVILLE, OH 43950

Re: Permit approval for 6353
47-103-01849-00-00

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: 6353
Farm Name: KOCHER, MARY
U.S. WELL NUMBER: 47-103-01849-00-00
Vertical Plugging
Date Issued: 3/15/2021

I

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.

EXHIBIT NO.1

From the experience and technology developed since 1970 in plugging oil and gas wells for mining through, Consolidation Coal's Northern West Virginia Operations will utilize the following method to plug all future wells.

SOLID PLUG METHOD

- (a) If active well: clean out to total depth and plug back according to state regulations to a minimum of 200 feet below lowest minable coal seam.
- * (b) If abandoned well: clean out to first plug 200 feet below lowest minable coal seam.
- (c) Circulate through tubing or drill steel an expanding Class A cement plug from a minimum of 200 feet below minable coal seam to a point 100 feet above minable coal.

Circulate through tubing or drill steel an expanding Class A cement plug from 100 feet above coal seam to surface.

A monument will be installed with API No. and stating "solid plug".

4710301849P

Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304
Phone: (304) 926-0450
Fax: (304) 926-0452

West Virginia Department of Environmental Protection

Bob Wise,
Governor

Stephanie R. Timmermeyer,
Cabinet Secretary

October 19, 2004

FINAL INSPECTION REPORT

Plugging Permit Cancelled

CONSOLIDATION COAL COMPANY,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-10301849, issued to CONSOLIDATION COAL COMPANY, and listed below has been received in this office. The permit has been cancelled as of 10/19/2004.



JAMES MARTIN
Chief,
Office of Oil and Gas

Operator: CONSOLIDATION COAL COMPANY
Operator's Well No: 6353
Farm Name: KOCHER, MARY
API Well Number: 47-10301849
Date Issued: 06/29/2001



Office of Oil and Gas
1356 Hansford Street
Charleston, WV 25301
Phone: (304) 558-6075
Phone: (304) 558-6076
Fax: (304) 558-6047

West Virginia Department of Environmental Protection

Bob Wise,
Governor

Michael O. Callaghan
Secretary

June 29, 2001

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-10301849, issued to CONSOLIDATION COAL CO., 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 all 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 1-800-654-3312 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. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given.

Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

If there are any questions, please free to contact me or Mr. Al Blankenship at 304-558-6342.

This permit will expire in two (2) years from date of issue.


JOHN JOHNSTON
Chief,
Office of Oil and Gas

Operator's Well No: 6353

Farm Name: KOCHER, MARY

API Well Number: 47-10301849

Permit Type: Plugging

Date Issued: 06/29/2001



WELL OPERATOR: CONSOLIDATION COAL COMPANY
 DESIGNATED AGENT: ROGER E. DUCKWORTH
 ADDRESS: P.O. BOX 100 OSAGE, WV 26543

WELL TYPE: OIL
 LOCATION: 1163.02
 DISTRICT: GRANT
 COUNTY: WETZEL
 WATERSHED: TENNILE RUN
 QUADRANGLE: WALLACE, WV 7.5
 SURFACE OWNER: MARY R. KOCHER
 ROYALTY OWNER: MARY R. KOCHER
 PROPOSED WORK: DRILL
 DRILL DEPTH: _____
 CONVERT: _____
 REDRILL: _____
 FRACTURE OR STIMULATE: _____
 PLUG OFF OLD: _____
 PERFORATE NEW FORMATION: _____
 PLUG AND ABANDON: X
 CLEAN OUT AND REWU: _____
 OTHER: _____
 TARGET FORMATION: NONE
 ESTIMATED DEPTH: _____

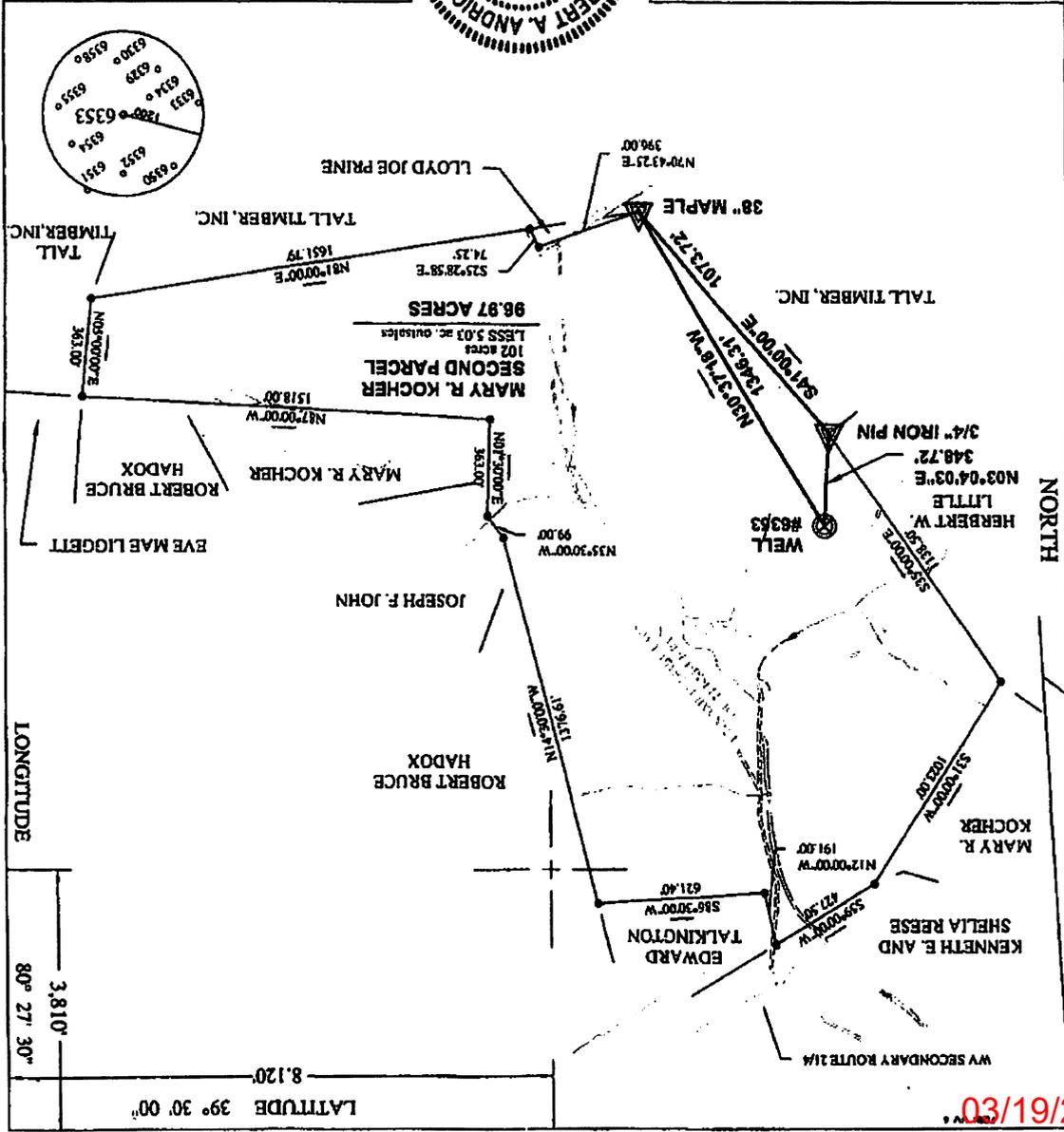
WELL PROVEN SOURCE: COMPANY NETWORK TIED INTO U.S.G.
 SCALE: 1"=500'
 FILE NO.: WELL6353.DWG
 MINIMUM DEGREE OF ACCURACY: 1/2500

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

STATE COUNTY CANCELLED PERMIT
 WELL NO. 47 - 103 - 01849-P
 OPERATORS WELL NO. 6353
 DATE MAY 16, 2001

806 REGISTERED PROFESSIONAL SURVEYOR
 STATE OF WEST VIRGINIA
 ROBERT A. ANDRIOTTO

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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 DEPARTMENT OF ENERGY.
Robert A. Andriotto
 P.S. 806



47103 01849P

03/19/2021

EXHIBIT NO. 1

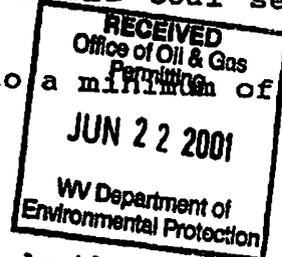
103-01849-P

From the experience and technology developed since 1970 in plugging oil and gas wells for mining through, Consolidation Coal's Northern West Virginia Operations will utilize one of the following two methods to plug all future wells.

4½ VENT PIPE METHOD

- (a) If active well: clean out to total depth and plug back according to state regulations to a minimum of 200 feet below lowest minable coal seam.
- (b) If abandoned well: clean out to first plug 200 feet below lowest minable seam.
- (c) Run 4½ casing from surface to minimum 200 feet below lowest minable seam and circulate 50/50 poz mix cement followed by expanding cement to surface. The expanding cement shall extend from minimum 200 feet below minable coal seam to a point 100 feet above.

The 4½ will remain open from surface to a minimum of 80 feet below that minable coal seam.

SOLID PLUG METHOD

- (a) If active well: clean out to total depth and plug back according to state regulations to a minimum of 200 feet below lowest minable coal seam.
- (b) If an abandoned well: clean out to first plug 200 feet below lowest minable coal seam.
- (c) Circulate through tubing or drill steel an expanding cement plug from a minimum of 200 feet below minable coal seam to a point 100 feet above minable coal.

Circulate through tubing or drill steel 50/50 poz mix from 100 feet above coal seam to surface.

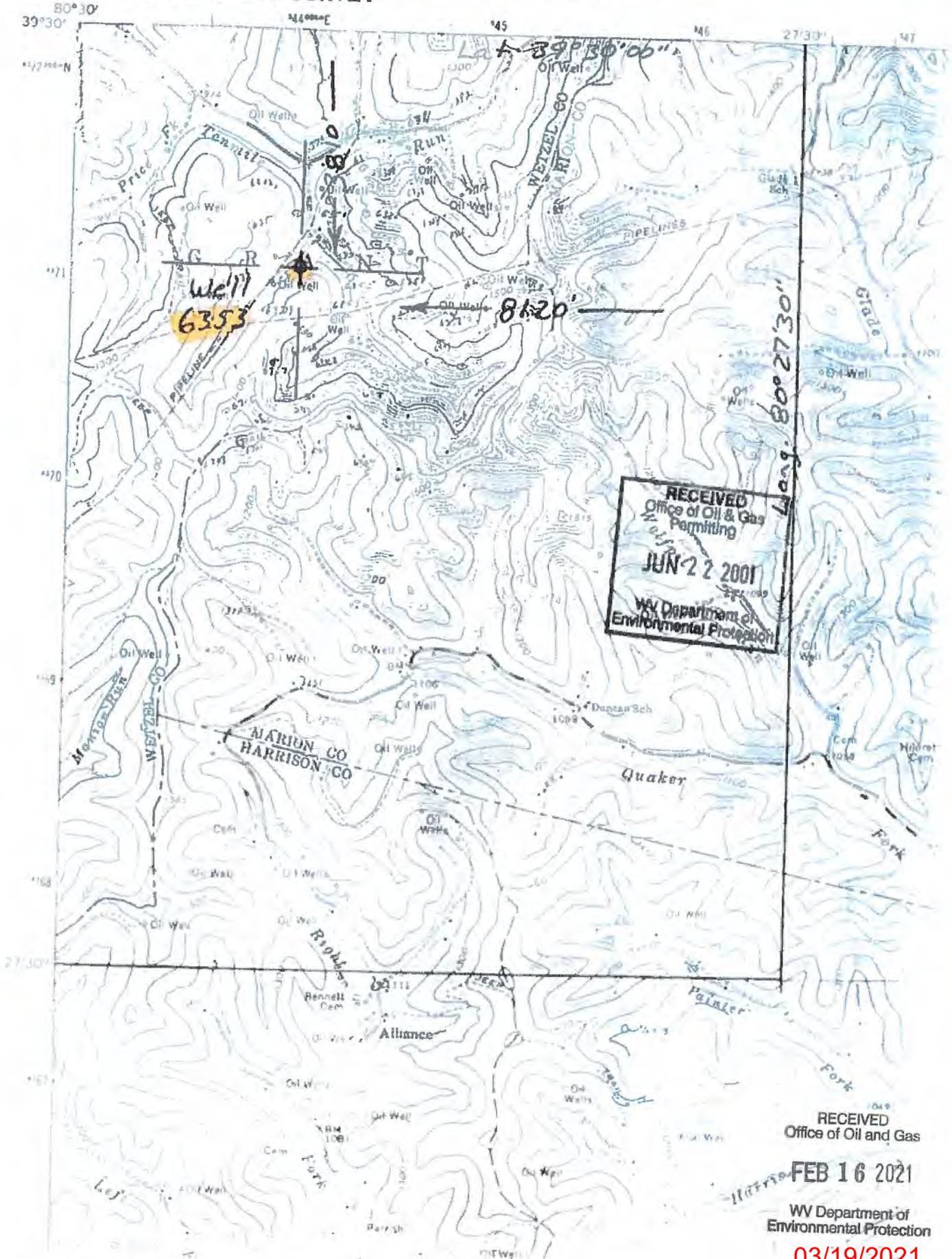
A monument will be installed with API No. and stating "solid plug".

4838 SE
(160 RUN)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WALLACE, WV

4710301849



RECEIVED
Office of Oil and Gas
FEB 16 2021
WV Department of
Environmental Protection
03/19/2021

WW-4A
Revised 6-07

1) Date: APRIL 7, 2020
2) Operator's Well Number 6353
3) API Well No.: 47 - 103 - 01849

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>MARY R. KOCHER</u> ✓	Name <u>WV Land Resources, Inc.</u> CONSOLIDATION COAL CO.
Address <u>185 McDOUGAL HOLLOW RD</u> <u>SMITHFIELD, WV 26437</u>	Address <u>1 BRIDGE STREET</u> <u>MONONGAH, WV 26554</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
(c) Name _____	Address _____
Address _____	Name _____
6) Inspector <u>DEREK HAUGHT</u>	(c) Coal Lessee with Declaration
Address <u>P O BOX 85</u>	Name _____
<u>SMITHVILLE, WV 26178</u>	Address _____
Telephone <u>(304) 206-7613</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	<u>CONSOLIDATION COAL COMPANY</u>	<u><i>DR Roddy</i></u>
	By:	<u>DAVID RODDY</u>	
	As:	<u>PROJECT ENGINEER</u>	
	Address	<u>1 BRIDGE STREET</u>	
	Telephone	<u>MONONGAH, WV 26554</u>	<u>(304) 534 4748</u>

Subscribed and sworn before me this 7th day of October 2020
Richard Walton Notary Public
My Commission Expires June 20 2022

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.

47-103-01849P

7016 3560 0000 0877 7827

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

For delivery information, visit usps.com

OFFICIAL USE

Postmark
 2020
 26582

Postage

Postage

Total Postage and Fees

U.S.P.S.

Sent to *Mary Kecher*
 Street and No. or P.O. Box No. *105 Alderson Hollow Road*

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

DAVE RINDY



03/19/2021

47-103-01849 P

WW-9
(5/16)

API Number 47 - 103 - 01849
Operator's Well No. 6353

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

Operator Name ~~Consolidation Coal Company~~ WV Land Resources OP Code ~~40950~~ 494525178

Watershed (HUC 10) UNNAMED TRIBUTARY OF TEN MILE RUN Quadrangle WALLACE, WV 7.5

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: _____

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

Proposed Disposal Method For Treated Pit Wastes: DMAH 12/3/20

- 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 Tanks, see attached letter)

Will closed loop system be used? If so, describe: Yes Gel circulated from tank thru well bore and returned to tank

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

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

Additives to be used in drilling medium? Bentonite, Bicarbonate of Soda

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Shaker cutting buried on site.

-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) DAVID RODDY

Company Official Title Project Engineer

Subscribed and sworn before me this 2nd day of October, 2020

[Signature]

My commission expires June 2, 2022



Consolidation Coal Company
Northern West Virginia Operations
1 Bridge Street
Monongah, WV 26554

phone: 304-534-4748
fax: 304-534-4739
e-mail: ronnieharsh@consolenergy.com
web: www.coalsource.com

*Name: RONNIE HARSH
*title: Project Engineer

April. 7, 2014

Department of Environmental Protection
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304-2345
Phone: (304) 926-0499
Fax: (304) 926-0452

To Whom It May Concern:

As per the Department of Environmental Protection, Office of Oil and Gas request, Consolidation Coal Company, Northern West Virginia Operations, submits the following procedures utilizing pit waste.

Upon submitting a well work application (without general permit for Oil and Gas Pit Waste Discharge Application), Consolidation Coal Company, Northern West Virginia Operations, will construct no pits, but instead will use mud tanks to contain all drilling muds.

Once the well is completed, that material (minus the cave material) will be trucked to the next well to be plugged or to DEP impoundment facilities number U-78-83, U-104-83, or U-1011-93.

Sincerely,



Ronnie Harsh
Project Engineer

47-103-01849+

Form WW-9

Operator's Well No. 6353

Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type	lbs/acre
See Attachment	<u>100</u>
_____	_____
_____	_____

Seed Type	lbs/acre
See Attachment	<u>100</u>
_____	_____
_____	_____

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: Derek M. Haught

Comments: _____

Title: Oil & Gas Inspector Date: 12/3/20

Field Reviewed? () Yes () No

CAUDILL SEED • 1864 E MAIN HWY 60 HOUSE #2 • MOREHEAD KY 40351 • AHS # 4923



NOTICE TO CONSUMERS

"Notice: Arbitration/mediation required by certain states. Under the seed laws of several states, arbitration, mediation, or conciliation is required as a prerequisite to maintaining a legal action based upon the failure of seed, to which this notice is attached, to produce as represented. The consumer must file a complaint (forms for AR, FL, IN, MS, SC, TX, WA, signed only CA, ID, ND, SD) along with the required filing fee (where applicable) with the Commissioner/Director/Secretary of Agriculture, Seed Commissioner (IN), or Chief Agricultural Officer within such time as to permit inspection of the crops, plants, or trees by the designated agency and the seedman from whom the seed was purchased. A copy of the complaint shall be sent to the seller by certified or registered mail or as otherwise provided by state statute."

MIXTURE-COASTAL SEED 2015
 LOT NO: 7M1800 NET WT 50
 CROP: .58 INERT: 1.56 NEED SEED .26

KIND
 ANNUAL RYEGRASS
 ORCHARDGRASS
 COATING MATERIAL
 PERENNIAL RYEGRASS
 CLOVER
 COATING MATERIAL
 TIMOTHY
 BIRDSEED TREFOIL
 COATING MATERIAL
 LADINO CLOVER
 COATING MATERIAL

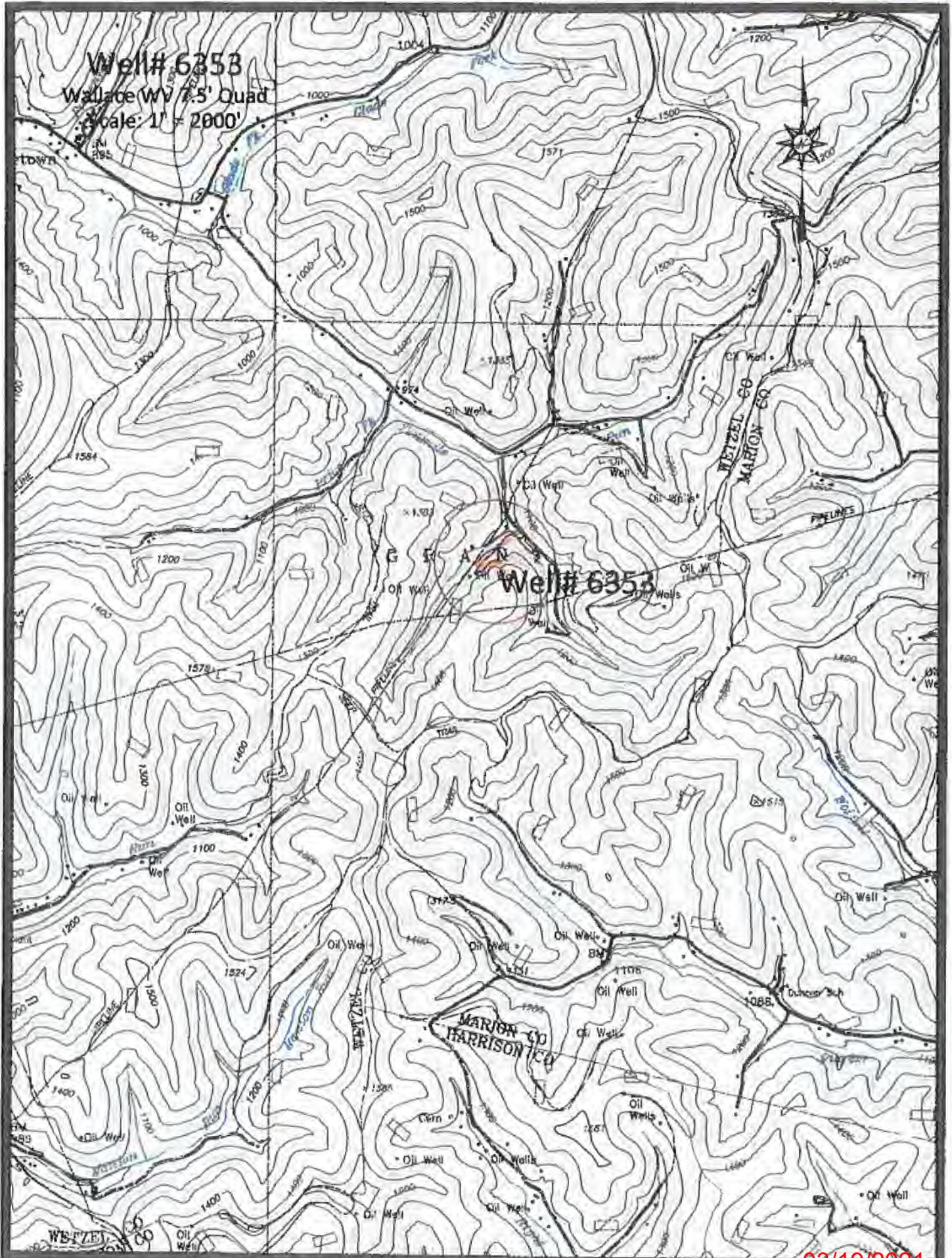
VARIETY
 HORNUM
 POTOMAC
 LINN
 NOT STATED
 CLIMAX
 NOT STATED
 SEMINOLE

ORG	PURE	GERM	HARD	DORM	TEST
DR	29.40	98.00	.00	.00	10/16
DR	11.39	85.00	.00	.00	11/16
DR	8.00	85.00	.00	.00	11/16
DR	15.60	85.00	.00	.00	11/16
DR	6.40	85.00	.00	.00	12/16
DR	3.40	85.00	.00	.00	12/16
CAN	9.00	85.00	.00	.00	10/16
CAN	2.83	83.00	7.00	.00	11/16
DR	1.91	85.00	.00	.00	11/16
DR	3.17	60.00	25.00	.00	8/16
	1.70	.00	.00	.00	8/16

NOTICE TO BUYER: WE WARRANT THAT SEEDS WE SELL WILL CONFORM TO THE LABEL DESCRIPTION REQUIRED UNDER STATE AND FEDERAL LAWS WITH RECOGNIZED TOLERANCES. WE MAKE NO WARRANTIES, EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR PURPOSE, OR OTHERWISE, WHICH WOULD EXTEND BEYOND SUCH DESCRIPTIONS, AND IN ANY EVENT OUR LIABILITY FOR BREACH OF ANY WARRANTY OR CONTRACT WITH RESPECT TO SUCH SEED IS LIMITED TO THE PURCHASE PRICE OF SUCH SEEDS.

Memo
 Treatments

NOXIOUS WEEDS PER LB



WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-103-01849 WELL NO.: 6353

FARM NAME: MARY R. KOCHER

RESPONSIBLE PARTY NAME: ~~CONSOLIDATION COAL COMPANY~~
WV Land Resources

COUNTY: WETZEL DISTRICT: GRANT

QUADRANGLE: WALLACE, WV 7.5'

SURFACE OWNER: MARY R. KOCHER

ROYALTY OWNER: _____

UTM GPS NORTHING: 4,371,218.1 m (1163')

UTM GPS EASTING: 544,133.5 m GPS ELEVATION: 354.5 m

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:

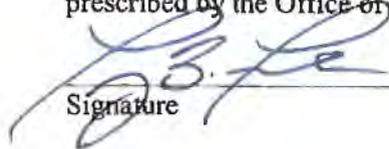
1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) - meters.
2. Accuracy to Datum - 3.05 meters
3. Data Collection Method:

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

Professional Surveyor
Title

APRIL 7, 2020
Date