



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, June 27, 2023

WELL WORK PLUGGING PERMIT
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 1
47-073-00615-00-00

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: 1
Farm Name: RAWSON, MARTHA E.
U.S. WELL NUMBER: 47-073-00615-00-00
Vertical Plugging
Date Issued: 6/27/2023

Promoting a healthy environment.

06/30/2023

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. 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.
2. Well work activities shall not constitute a hazard to the safety of persons.
3. 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.

06/30/2023

WW-4B
Rev. 2/01

1) Date March 16, 2023
2) Operator's
Well No. Martha E. Rawson No.1
3) API Well No. 47-073 - 00815

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 ___ or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 670' Watershed Bull Creek of Ohio River
District Grant County Pleasants Quadrangle Willow Island 7.5'

6) Well Operator Unknown- WV DEP Paid Plugging Contract 7) Designated Agent Jason Harmon
Address 601 57th Street, SE Address 601 57th Street, SE
Charleston, WV 25304 Charleston, WV 25304

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Isaiah Richards Name Next LVL Energy
Address 114 Turkey Lick Road Address 104 Heliport Loop
West Union, WV 26456 Bridgeport, WV 26330

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

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MAY 12 2023
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 05/09/2023

06/30/2023

PLUGGING PROGNOSIS

West Virginia, Pleasants County
API # 47-073-0005615

Casing Schedule

4-1/2' csg @ 2073' (cemented to 849' per well record)
No tbg listed
TD @ 2073'

Completion: Perforations not listed

Fresh Water: None Reported → 45' (wv 666) gpm

Saltwater: 1500'-1512'

Coal: None Reported

Oil Show: 925'-978'; 1122'-1140'; 1267'-1277'; 1372'-1390'; 1460'-1474'; 2012'-2018'

Gas Show: 1267'-1277'; 1372'-1390'; 1487'-1494'; 2012'-2018'

Elevation: 667'

1. Notify inspector, Isaiah Richards @ (304) 205-3032, 48 hrs. prior to commencing operations.
2. Check wellhead pressure and kill well as needed.
3. RIH w/ wireline to check TD and run CBM to determine TOC behind 4-1/2"
4. Run in to depth @ 2018'. Kill well as needed with 6% bentonite gel and fill rat hole. Pump at least 10 bbls gel. Pump 106' Class A/Class L cement plug from **2018' to 1912' (Hydrocarbon plug)**. Tag TOC. Top off as needed.
5. TOOH w/ tbg to 1912'. Pump 6% bentonite gel from 1912' to 1562'
6. Free point 4-1/2" csg. Cut and TOOH. Set 100' Class A/Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. **Do not omit any plugs listed below. Perforate as needed.**
7. TOOH w/ tbg to 1562'. Pump 737' Class A/Class L Cement plug from **1562' to 825' (Hydrocarbon and saltwater plug)**
8. TOOH w/ tbg to 825'. Pump 6% bentonite gel from 825' to 717'
9. TOOH w/ tbg to 717'. Pump 100' Class A/Class L Cement plug from **717' to 617' (Elevation plug)**.
10. TOOH w/ tbg to 617'. Pump 6% bentonite gel from 617' to 100'
11. TOOH w/ tbg to 100'. Pump 100' Class A/Class L Cement plug from **100' to surface (Surface plug)**.
12. Erect monument with API#, date plugged, & company name.
13. Reclaim location and road to WV-DEP specifications.



05/09/2023

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Select County: (073) Pleasants (Check All) Location Production Plugging
 Enter Permit #: 00615 Owner/Completion Stratigraphy Sample
 Get Data Pay/Show/Water Logs Bim Hole Loc

- Table Descriptions
[County Code Translations](#)
[Permit Numbering Series](#)
[Usage Notes](#)
[Contact Information](#)
[Disclaimer](#)
[WVGES Main](#)
["Pipeline-Plus"](#)

WV Geological & Economic Survey:

Well: County = 73 Permit = 00615 [Link to all digital records for well](#)

Report Time: Tuesday, June 27, 2023 9:47:01 AM

Location Information: [View Map](#)
 API COUNTY PERMIT TAX DISTRICT QUAD 75 QUAD 15 LAT_DD LON_DD UTM_E UTM_N
 4707300615 Pleasants 615 Grant Willow Island Marietta 39.321913 -81.341318 470579 4352556.1

There is no Bottom Hole Location data for this well

Owner Information:
 API CMP_DT SUFFIX STATUS SURFACE_OWNER WELL_NUM CO_NUM LEASE LEASE_NUM MINERAL_OWN OPERATOR_AT COMPLETION PROP_YD PROP_TRGT_FH TFM_EST_PR
 4707300615 7/4/1982 Original Loc Completed Martha E Rawson 1 Covey, Null & Wagstaff

Completion Information:
 API CMP_DT SPUD_DT ELEV DATUM FIELD DEEPEST_FM DEEPEST_FHT INITIAL_CLASS FINAL_CLASS TYPE RIG CMP_MTHD TMD TMD_NEW_FTG KOD G_BEF G_AFT O_BEF O_AFT NGL_BEF NGL_AFT P_BEF TI_BEF P_AFT TI_AFT BH_P_I
 4707300615 7/4/1982 7/4/1982 665 Ground Level Waverly Berra SS Berra SS Development Well Development Well Gas Unknown Fractured 2073 2073 0 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Pay/Show/Water Information:
 API CMP_DT ACTIVITY PRODUCT SECTION DEPTH_TOP FM_TOP DEPTH_BOT FM_BOT G_BEF G_AFT O_BEF O_AFT WATER_QNTY
 4707300615 7/4/1982 Pay Gas Fresh Water Vertical 1487 Reasonable 0 Reasonable 0 Reasonable 665 Ground Level
 4707300615 7/4/1982 Pay Gas Vertical 2024 Berra SS 0 0 0

There is no Production Gas data for this well

There is no Production Oil data for this well ** some operators may have reported NGL under Oil

There is no Production NGL data for this well ** some operators may have reported NGL under Oil

There is no Production Water data for this well

Stratigraphy Information:

API	SUFFIX	FM	FM QUALITY	DEPTH_TOP	DEPTH_QUALITY	THICKNESS	THICKNESS_QUALITY	ELEV DATUM
4707300615	Original Loc	Greenbrier Group	Well Record	0	Reasonable	0	Reasonable	665 Ground Level
4707300615	Original Loc	Big Line	Well Record	0	Reasonable	0	Reasonable	665 Ground Level
4707300615	Original Loc	Biglinin (Pike&eq)	Well Record	1487	Reasonable	0	Reasonable	665 Ground Level

Wireline (E-Log) Information:

* There is no Scanned/Raster Log data for this well

* There is no Digitized/LAS Log data for this well

* There is no Scanned or Digital Logs available for download

There is no Plugging data for this well

There is no Sample data for this well

06/30/2023

S

SW

W

180

210

240

270

300

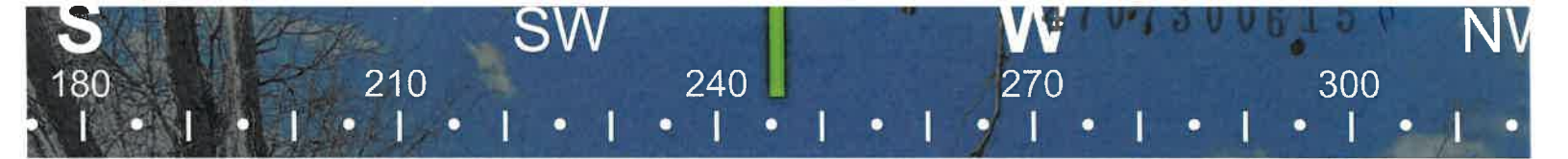
☉ 239°SW (T) ☉ 39.322185°N, 81.341235°W ±19ft ▲ 665ft



47-073-00615

9353
15 Feb 2023, 10:17:06

06/30/2023



☉ 246°SW (T) ☉ 39.322123°N, 81.341226°W ±9ft ▲ 691ft



47-073-00615

9353
15 Feb 2023, 10:17:11

06/30/2023

1) Date: March 16, 2023
2) Operator's Well Number
Martha E. Rawson No. 1
3) API Well No.: 47 - 073 - 00615

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

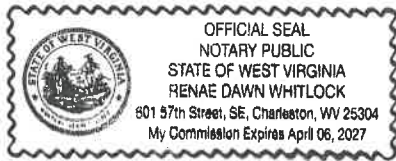
4) Surface Owner(s) to be served: (a) Name Arlie K. Drake, Address 552 Walden Drive, Waverly, WV 26184, (b) Name, Address, (c) Name, Address
5) (a) Coal Operator Name N/A, Address, (b) Coal Owner(s) with Declaration Name N/A, Address, (c) Coal Lessee with Declaration Name N/A, Address
6) Inspector Isaiah Richards, Address 114 Turkey Lick Road, West Union, WV 26456, Telephone 304-205-3032

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 Unknown - WVDEP Paid Plugging Contract
By: Jason Harmon (Signature)
Its: WV Office of Oil & Gas Deputy Chief
Address 601 57th Street, SE, Charleston, WV 25304
Telephone 304-926-0452

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WV Department of Environmental Protection

Subscribed and sworn before me this 15th day of May 2023
Renae Dawn Whitlock (Signature) Notary Public
My Commission Expires April 6, 2027

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.

06/30/2023

SURFACE OWNER WAIVER

API #47-073-00615

Operator's Well Number

Martha E. Rawson No. 1

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...".

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WV Department of Environmental Protection

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,

Signature Date 04/20/23 Name By Its

Signature Date

06/30/2023



4707300615¹⁹

info@slsww.com
www.slsww.com

March 16, 2023

Arlie K. Drake
552 Walden Drive
Waverly, WV 26184

Please find enclosed a Permit Application to plug and abandon a Well for API# 47-073-00615, in Pleasants County, WV which records from the County Courthouse indicate that you are the surface owner. Through the West Virginia DEP Paid Plugging Contract, orphaned and abandoned wells have been proposed to be plugged. I have included an extra Surface owner signature form for you to sign if you approve of the proposed work, please sign and send it back to SLS Land & Energy Development in the self addressed envelope provided for you. The Permit Application is yours to keep for your records. If you have any questions please do not hesitate to contact me.

Jim Mencer
SLS Land & Development
Permitting Tech.
304-462-5634

12 Vanhorn Drive, Glenville, WV 26351
1412 Kanawha Boulevard East, Charleston, WV 25301
254 East Beckley Bypass, Beckley, WV 25801
304-462-5634

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06/30/2023

Please contact the OOG at 304-926-0450 if you have any questions regarding this notice.

Date Issued: _____ Date Served: _____

Name of person served _____

Service Address; _____

Certified Mail Receipt No. (if applicable) _____

Name of Person Making Personal Service (if applicable) _____

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WV Department of
Environmental Protection

06/30/2023

CERTIFIED MAIL



7022 2410 0003 5359 3707
7022 2410 0003 5359 3707

4707300615P

FIRST CLASS



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ZIP 25351 02 7H \$ 009.48⁰
0001267898 MAR 18 2023

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

Postmark Here

Official Use

Send to: Arlie K. Drake
552 Walden Drive
Waverly, WV 26184

Postage and Fees: 1.98

Service: Certified Mail

Options:
 Return Receipt (hardcopy)
 Return Receipt (electronic)
 Certified Mail Restricted Delivery
 Adult Signature Required
 Adult Signature Restricted Delivery

SMITH LAND SURVEYING, INC.
12 Vanhorn Drive
PO Box 150
Glenville, WV 26351

TO: ARLIE K. DRAKE
552 WALDEN DRIVE
WAVERLY, WV 26184

SENDER: COMPLETE THIS SECTION

1. Complete items 1, 2, and 3.
 2. Print your name and address on the reverse so that we can return the card to you.
 3. Attach this card to the back of the mailpiece, or to the front if space permits.

1. Article Addressed To:
 ARLIE K. DRAKE
 552 WALDEN DRIVE
 WAVERLY, WV 26184

2. Article Number (Transfer from service label)
 9590 8402 7774 2152 3631 13

3. Article Number (Transfer from service label)
 7022 2410 0003 5359 3707

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature: Agent, Addressee

B. Received by (Printed Name): _____ C. Date of Delivery: _____

D. Is delivery address different from item 1? Yes, if YES, enter delivery address below: _____ No

Services Type:
 Adult Signature
 Adult Signature Restricted Delivery
 Certified Mail
 Certified Mail Restricted Delivery
 Collect on Delivery
 Collect on Delivery Restricted Delivery
 Insured Mail
 Insured Mail Restricted Delivery

Priority Mail Express®
 Registered Mail™
 Registered Mail Restricted Delivery
 Signature Confirmation™
 Signature Confirmation Restricted Delivery

Domestic Return Receipt

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WV Department of
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06/30/2023



4707300615A

info@sww.com
www.sww.com

February 08, 2023

Arlie K. Drake
525 Walden DR.
Waverly, WV 26184

To whom it may concern,

Please find enclosed a Notice of Intent to Plug / Replug Abandoned Wells Form for API #47-073-00615 in Grant Dist., Pleasants County, WV, Map 7 Parcel 68, which records from the Pleasants County Courthouse indicate that you are the surface owner.

The well listed above is proposed to be plugged through the West Virginia DEP Paid Plugging Contract, orphaned and abandoned wells program. SLS Land & Energy Development has been contracted to obtain a plugging permit for this well.

If you have any questions please do not hesitate to contact me.

Jim Mencer
SLS Land & Development
Permitting Tech.
304-462-5634

12 Vanhorn Drive, Glenville, WV 26351
1412 Kanawha Boulevard East, Charleston, WV 25301
254 East Beckley Bypass, Beckley, WV 25801
304-462-5634

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WV Department of
Environmental Protection

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4707300615 P



PO Box 150
GLENNVILLE, WV 26351

ARTIE K. DRAKE
525 WALDEN DR
WAVERLY, WV 26184

7022 2410 0003 5359 3431

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS. FOLD AT DOTTED LINE

CERTIFIED MAIL



7022 2410 0003 5359 3431

7022 2410 0003 5359 3431

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
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For delivery information, visit our website at www.usps.com

OFFICIAL USE

Extra Services & Fees (check box and fee as appropriate)

Return Receipt (hardcopy) \$ 2.80

Return Receipt (electronic) \$ 0.00

Certified Mail Restricted Delivery \$ 0.00

Adult Signature Required \$ 0.00

Adult Signature Restricted Delivery \$ 0.00

Postage \$ 6.00

Total Postage and Fees \$ 6.00

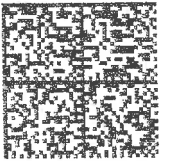
Sent To \$ 0.00

Street and Apt. No., or PO Box No.
525 Walden Dr

City, State, ZIP+4®
Waverly WV 26184

PS Form 3800, April 2015 (PSN 7530-02-000-9017) See Reverse for Instructions

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ZIP 26351 \$ 008.10⁰⁰

02 7H

0001267858 FEB 08 2023

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west virginia department of environmental protection

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

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

**NOTICE OF INTENT
TO PLUG / REPLUG
ABANDONED WELL(S)**

Arlie K. Drake
525 Walden Dr.
Waverly, WV 26184

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Office of Oil and Gas

MAY 12 2023

WV Department of
Environmental Protection

You are hereby given a twenty-day notice, as required by West Virginia Code, Chapter 22, Article 10, Section 7, that the West Virginia Department of Environmental Protection, Office of Oil and Gas (OOG), intends to enter upon the following described premises where an abandoned well(s) is situated and plug or re-plug such well(s) and reclaim any area disturbed by the plugging or re-plugging. This notice should be construed only as a declared intent to plug such well(s); site-specific considerations or other factors may ultimately prevent the plugging or re-plugging at this time.

Description of premises: Grant Dist., Pleasants County WV, Map 7 Parcel 68
51.87 Acres, Well API# 47-073-00615

The well(s) is considered "abandoned" within the meaning of W. Va. Code § 22-6-19 because it is a dry hole or because it has not been in use for a period of 12 consecutive months and no satisfactory proof of a "bona fide" future use for the well has been demonstrated to the OOG.

If you are a surface owner of the above described premises, be advised that surface owners have the right to repair of any damage or disturbance resulting from the well plugging or to compensation for (1) the reasonable cost of repairing or replacing any water well, (2) the reasonable value of any crops destroyed, damaged or prevented from reaching market, (3) the reasonable cost of repair to personal property up to the value of the replacement value of personal property of like age, wear and quality, (4) lost income or expenses incurred, and (5) reasonable costs to reclaim or repair real property, including roads. Additionally, the surface owners have the potential right to take any casing, equipment or other salvage not claimed in this notice. Please be advised that it is the intent of the OOG to take all casing, equipment, and other salvage from the subject well(s).

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west virginia department of environmental protection

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

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

**BEFORE THE OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF WEST VIRGINIA**

**IN THE MATTER OF A VARIANCE FROM)
LEGISLATIVE RULE 35CSR4) ORDER NO. 2022-13
SECTION 14.1. AND LEGISLATIVE RULE)
35CSR8 SECTION 20.1,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)**

REPORT OF THE OFFICE

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

FINDINGS OF FACT

1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
2. Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

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4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

CONCLUSIONS OF LAW

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

ORDER

It is ordered that the Class L cement product approved and monogrammed by API is approved for use in place of API Class A cement for well plugging subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA

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



James Martin, Chief
Office of Oil and Gas

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Environmental Protection

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

Operator Name Unknown - WV DEP Paid Plugging Contract OP Code _____

Watershed (HUC 10) Bull Creek of Ohio River Quadrangle Willow Island 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

ANY WELL EFFLUENT WILL BE CONTAINED IN TANKS BEFORE DISPOSING OFF-SITE. gnm

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 WW-9-GPP)
- Underground Injection (UIC Permit Number #25-774)
- 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. Offsite

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

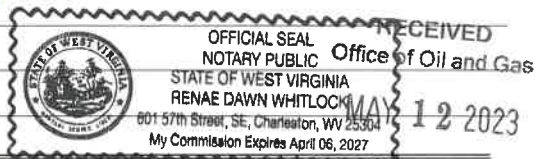
-Landfill or offsite name/permit number? N/A

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 Jason Harmon
Company Official (Typed Name) Jason Harmon
Company Official Title Deputy Chief



Subscribed and sworn before me this 15th day of May, 2023
Renae Dawn Whitlock Notary Public
WV Department of Environmental Protection

My commission expires April 6, 2027

Proposed Revegetation Treatment: Acres Disturbed Less than an acre Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 20-20-20

Fertilizer amount 500 lbs/acre

Mulch 2-3 Tons/acre


Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
		Fescue	30
		Clover	3
		Contractor Mix	10

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: No pit will be used.

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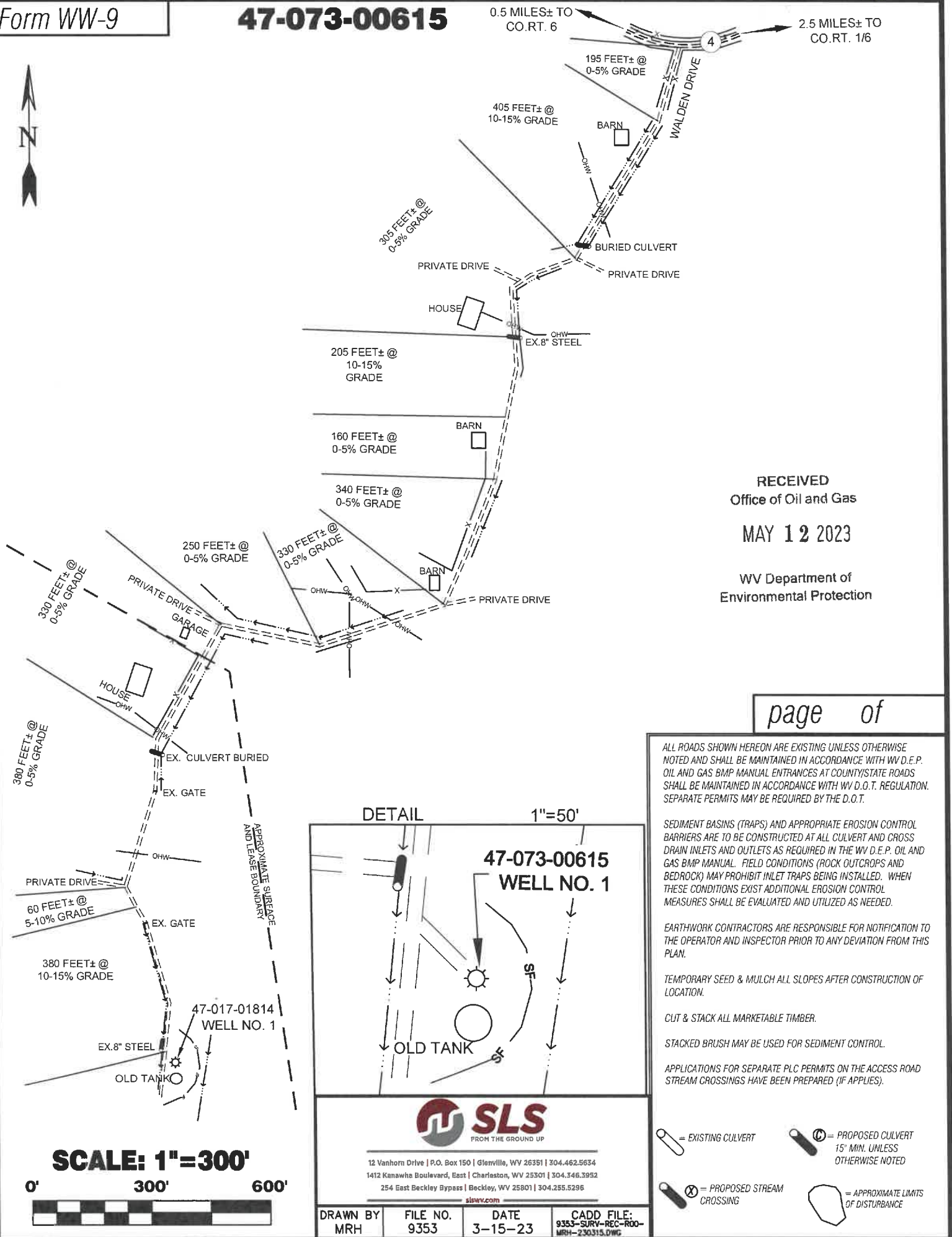
MAY 12 2023

WV Department of
Environmental Protection

Title: OOG Inspector Date: 05/09/2023

Field Reviewed? () Yes (X) No

06/30/2023



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WV Department of
Environmental Protection

page of

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATION. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

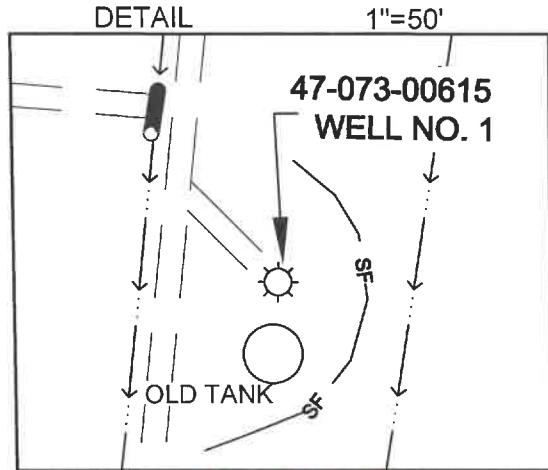
EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACKED BRUSH MAY BE USED FOR SEDIMENT CONTROL.

APPLICATIONS FOR SEPARATE PLC PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLIES).



SLS
FROM THE GROUND UP

12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5295

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DRAWN BY MRH	FILE NO. 9353	DATE 3-15-23	CADD FILE: 9353-SURV-REC-R00-MRH-230315.DWG
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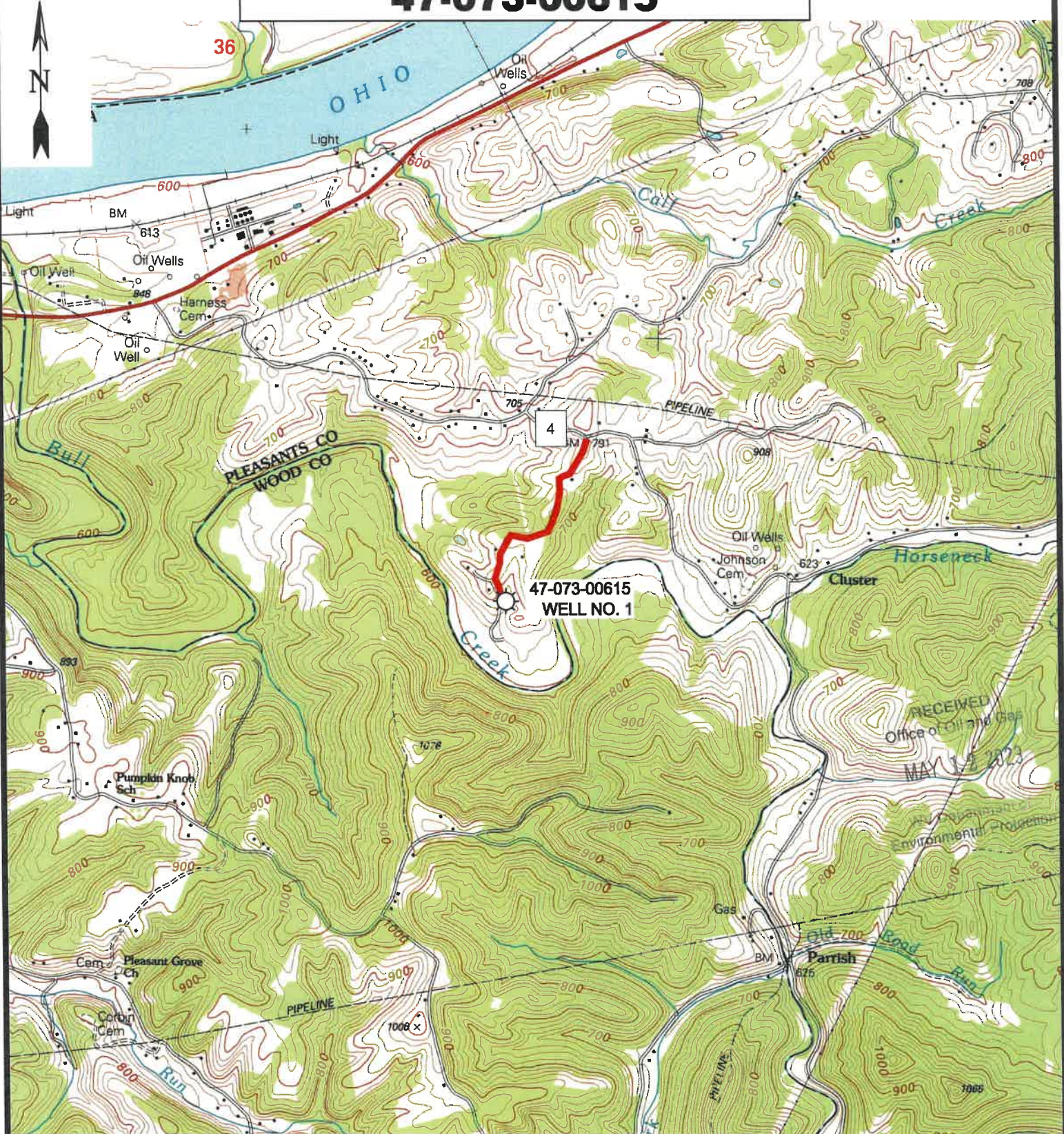
- = EXISTING CULVERT
- = PROPOSED CULVERT 15' MIN. UNLESS OTHERWISE NOTED
- = PROPOSED STREAM CROSSING
- = APPROXIMATE LIMITS OF DISTURBANCE

SCALE: 1"=300'



06/30/2023

MARTHA E. RAWSON LEASE 47-073-00615



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sllwv.com

SCALE: 1"=2000'

0' 2000' 4000'



**TOPO SECTION OF WILLOW ISLAND, WV
7.5' TOPO QUADRANGLE**

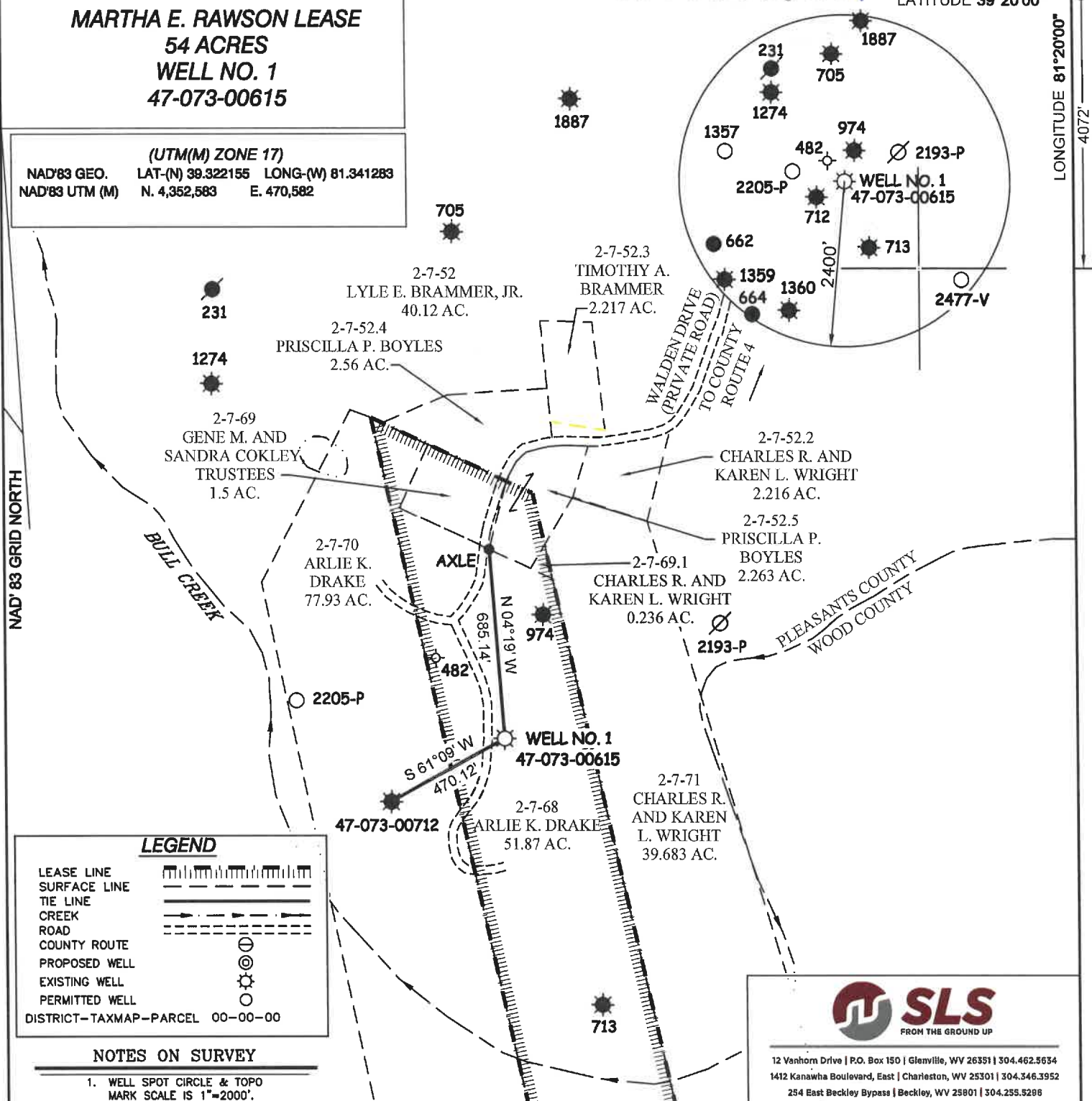
DRAWN BY GDF	FILE NO. 9353	DATE 03-10-23	CADD FILE: 9353-Diversified-TOPO -230310-GDF
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06/30/2023

MARTHA E. RAWSON LEASE
54 ACRES
WELL NO. 1
47-073-00615

(UTM(M) ZONE 17)
NAD'83 GEO. LAT-(N) 39.322155 LONG-(W) 81.341283
NAD'83 UTM (M) N. 4,352,583 E. 470,582

NAD' 83 GRID NORTH



LEGEND

- LEASE LINE
- SURFACE LINE
- TIE LINE
- CREEK
- ROAD
- COUNTY ROUTE
- PROPOSED WELL
- EXISTING WELL
- PERMITTED WELL
- DISTRICT-TAXMAP-PARCEL 00-00-00

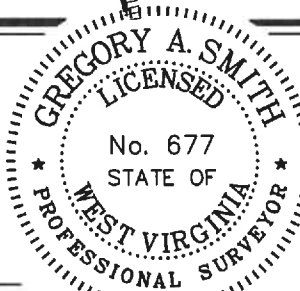
NOTES ON SURVEY

1. WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'.



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slsvv.com

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT 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 DIVISION OF ENVIRONMENTAL PROTECTION.



P.S. 677 *Gregory A. Smith*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE MARCH 10, 20 23
 REVISED _____, 20 _____
 OPERATORS WELL NO. WELL NO. 1
 API WELL NO. 47 - 073 - 00615-P
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 9353-SURV-4707300615-MT-R00-230310.dwg

HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SUBMETER MAPPING GRADE TIE TO CORS NETWORK) SCALE 1" = 500'

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



WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ IF "GAS" PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 670' WATERSHED BULLCREEK OF OHIO RIVER

DISTRICT GRANT COUNTY PLESANTS QUADRANGLE WILLOW ISLAND 7.5'

SURFACE OWNER ARLIE K. DRAKE ACREAGE 51.87±

ROYALTY OWNER MARTHA E. RAWSON ET AL. ACREAGE 54±

PROPOSED WORK: LEASE NO. 06/30/2023

DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON X CLEAN OUT AND REPLUG ___ OTHER ___

PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION BEREA ESTIMATED DEPTH 2073.5'

WELL OPERATOR UNKNOWN WVDEP PAID PLUGGING CONTRACT DESIGNATED AGENT JASON HARMON, WVDEP

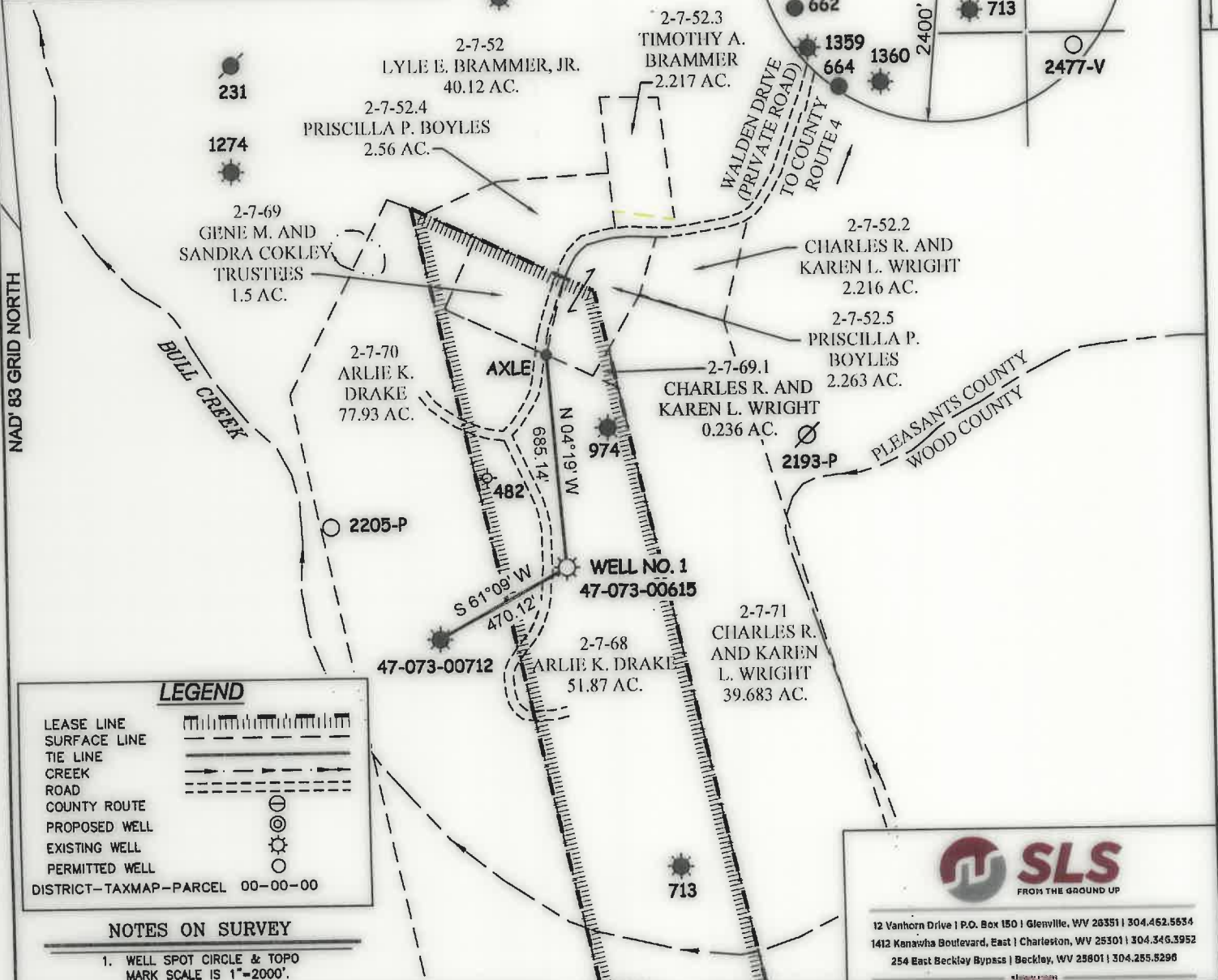
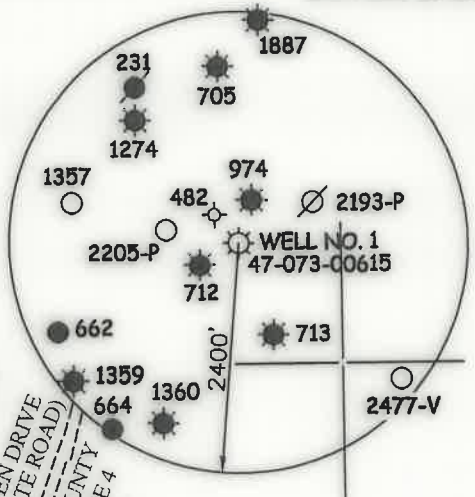
ADDRESS 601 57TH STREET ADDRESS 601 57TH STREET

CHARLESTON, WV 25304 (WVDEP) CHARLESTON, WV 25304

575

MARTHA E. RAWSON LEASE
54 ACRES
WELL NO. 1
47-073-00615

(UTM(M) ZONE 17)
 NAD'83 GEO. LAT-(N) 39.322155 LONG-(W) 81.341283
 NAD'83 UTM (M) N. 4,352,583 E. 470,582



LEGEND

- LEASE LINE
- SURFACE LINE
- TIE LINE
- CREEK
- ROAD
- COUNTY ROUTE
- PROPOSED WELL
- EXISTING WELL
- PERMITTED WELL
- DISTRICT-TAXMAP-PARCEL 00-00-00

NOTES ON SURVEY

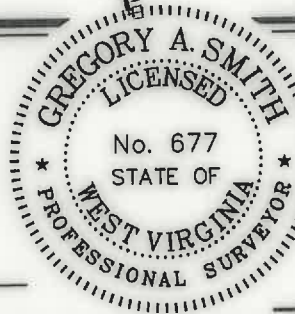
1. WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'.



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I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT 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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE MARCH 10, 2023
 REVISED _____, 20____
 OPERATORS WELL NO. _____ WELL NO. 1
 API WELL NO. 47 - 073 - 00615-P
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 9363-SURV-4707300615-MT-R00-230310.dwg
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SUBMETER MAPPING GRADE TIE TO CORS NETWORK) SCALE 1" = 500'

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

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____ IF "GAS" PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW X

LOCATION: ELEVATION 670' WATERSHED BULLCREEK OF OHIO RIVER
 DISTRICT GRANT COUNTY PLESANTS QUADRANGLE WILLOW ISLAND 7.5'
 SURFACE OWNER ARLIE K. DRAKE ACREAGE 51.87±
 ROYALTY OWNER MARTHA E. RAWSON ET AL. ACREAGE 54±
 PROPOSED WORK: LEASE NO. 06/30/2023
 DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ PLUG AND ABANDON X CLEAN OUT AND REPLUG _____ OTHER _____
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BEREA
 ESTIMATED DEPTH 2073.5'

WELL OPERATOR UNKNOWN WVDEP PAID PLUGGING CONTRACT DESIGNATED AGENT JASON HARMON, WVDEP
 ADDRESS 601 57TH STREET ADDRESS 601 57TH STREET
 CHARLESTON, WV 25304 (WVDEP) CHARLESTON, WV 25304

COUNTY NAME
 PERMIT



4707300615P

info@sww.com
www.sww.com

May 9, 2023

Jason Harmon, Deputy Director
WV Department of Environmental Protection
Office of Oil & Gas
601 57th Street, SE
Charleston, WV 25304-2345

Dear Mr. Harmon,

Please find enclosed a permit application to plug API# 47-073-00615 in Grant District, Pleasants County. It is a part of the multi-well plugging contract for the Orphan and Abandoned Well Program for Region . The plugging contractor is Next Level Energy, operating under the Region 1 contract. The Inspector has signed off on the work to be performed. The surface owner has also signed the waiver and is included in Permit Application. Surface Owners Application and mail receipts has been included along with notice of intent form and mail receipts.

If you have any questions or comments please do not hesitate to contact me.

Jim Mencer
Permitting Technician
SLS Land & Energy Development
304-462-5634

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304-462-5634

06/30/2023

WW-4B

4707300615P

API No. 47-073-00615

Farm Name

Well No. Martha E. Rawson No. 1

N/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 ____/ owner ____/ lessee ____/ 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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MAY 12 2023

WV Department of
Environmental Protection

06/30/2023



Kennedy, James P <james.p.kennedy@wv.gov>

Fwd: Message from KM_C450i

1 message

McLaughlin, Jeffrey W <jeffrey.w.mclaughlin@wv.gov>

Wed, Jun 28, 2023 at 9:58 AM

To: Henry J Harmon <henry.j.harmon@wv.gov>, Isaiah M Richards <isaiah.m.richards@wv.gov>, Austin Sutler <asutler@dgoc.com>, James P Kennedy <james.p.kennedy@wv.gov>, vgorrell@assessor.state.wv.us

To All:

Please find attached the newly issued plugging permit for the Rawson No. 1 (API No. 47-073-00615).

Regards,

Jeff McLaughlin, Technical Analyst
WV DEP, Office of Oil and Gas

----- Forwarded message -----

From: <Copy.Center.2064@wv.gov>

Date: Tue, Jun 27, 2023 at 10:45 AM

Subject: Message from KM_C450i

To: <jeffrey.w.mclaughlin@wv.gov>



SKM_C450i23062710460.pdf

2608K

06/30/2023