



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, April 3, 2023
WELL WORK PLUGGING PERMIT
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 4
47-103-00473-00-00

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: 4
Farm Name: DEWHURST, J. B.
U.S. WELL NUMBER: 47-103-00473-00-00
Vertical Plugging
Date Issued: 04/03/2023

Promoting a healthy environment.

04/07/2023

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. 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.

4710300473 P

WW-4B
Rev. 2/01

1) Date _____, 20_____
2) Operator's
Well No. DEWHURST, J.B. 4
3) API Well No. 47-103 - 00473

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 / Liquid injection _____ / Waste disposal _____ /
(If "Gas, Production or Underground storage _____) Deep _____ / Shallow

5) Location: Elevation 1228.58' Watershed South Fork Fishing Creek
District Grant County Wetzel Quadrangle Folsom

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

8) Oil and Gas Inspector to be notified Name Stephen E. McCoy 9) Plugging Contractor Name Unlimited Energy Services, LLC
Address 13016 Indian Creek Road Address 264 Industrial Park Road
Jacksonburg, WV 26377 Jane Lew, WV 26378

10) Work Order: The work order for the manner of plugging this well is as follows:
Check pressures on all casing with a gauge. Blow down the well into a grounded tank with a secure line.
Begin plugging and abandonment operations. Pull rods and tubing. Load 5 1/2" casing with fresh water.
RIH Wireline. Run CBL on 5 1/2" casing from 3083'-surface. Determine free point on 5 1/2" casing.
TIH w/ tubing to 3396', set 400' Class A cement plug from 3426' to 3026' (oil shown at 2258' & 2916', elevation at 1228.58').
Cut 5 1/2" CSG at free point TOOH w/ CSG. TIH w/ tubing to 3026'.
Set Class A cement plug from 3026'-2866' gel hole 2866' to 2766'. TOOH w/ tubing. WOC. Tag TOC.
TIH w/ tubing 2766', set 2766' Class A cement plug 2766' to 0' (fresh water at 80'-120').

Top off well to surface with solid cement as needed. Erect monument with API #, date plugged, and company name. Reclaim location and road to WVDEP specifications.

RECEIVED
Office of Oil and Gas

MAR 6 2023

WV Department of
Environmental Protection

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

Stephen Mccoy Digitally signed by Stephen Mccoy
Date: 2023.02.24 07:45:03 -05'00'

Work order approved by inspector _____ Date _____

04/07/2023

WW-4A
Revised 6-07

1) Date: _____
2) Operator's Well Number
DEWHURST, J.B. 4

3) API Well No.: 47 - 103 - 00473

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

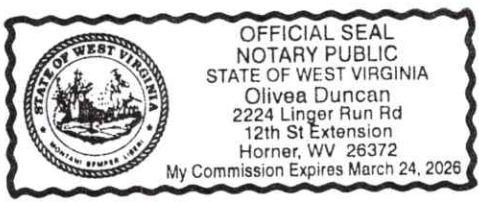
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Thomas Pratt, WVDNR D1 Wildlife Biologist</u>	Name _____
Address <u>West Virginia Department of Natural Resources</u>	Address _____
<u>1110 Railroad Street, Farmington WV 26571</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Thomas Pratt, WVDNR D1 Wildlife Biologist</u>
	Address <u>West Virginia Department of Natural Resources</u>
	<u>1110 Railroad Street, Farmington WV 26571</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Stephen E. McCoy</u>	(c) Coal Lessee with Declaration
Address <u>13016 Indian Creek Road</u>	Name _____
<u>Jacksonburg, WV 26377</u>	Address _____
Telephone <u>681-344-3265</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 Unknown - DEP Paid Plugging Contract WVDEP

By: Mick Goodwin

Its: Unlimited Energy Services, LLC, Plugging Contractor

Address 264 Industrial Park Road

Jane Lew, WV 26378

Telephone 304-884-8246

RECEIVED
Office of Oil and Gas
MAR 6 2023

Subscribed and sworn before me this 27 day of February 2023
Olivea Duncan Notary Public
My Commission Expires March 24 2026

WV Department of Environmental Protection

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

04/07/2023



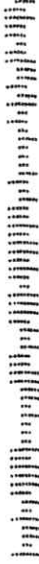
WILDLIFE RESOURCES - DISTRICT 1
P.O. Box 99
1110 Railroad Street
Farmington, WV 26571-0099

PITTSBURGH PA 150
/ PA 150 2023 PPA L



P. Wayne Ammons
Unlimited Energy Services, LLC
264 Industrial Park Road
Jane Lew, WV 26378

26378-97664



SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Thomas Pratt, WVDNR D1 Wildlife Biologist
West Virginia Department of Natural Resources
~~440 Railroad Street~~ - P.O. BOX 99
Farmington WV 26571 *HAND DEL'D*



9590 9402 7364 2028 0239 33

2. Article Number (Transfer from service label)

7018 3090 0001 4398 3859

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
John Parson Address
 B. Received by (Printed Name) C. Date of Delivery
Judy Parsons *2-27-2*
 D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
 Adult Signature Restricted Delivery
 Certified Mail®
 Certified Mail Restricted Delivery
 Collect on Delivery
 Collect on Delivery Restricted Delivery
 Priority Mail Express®
 Registered Mail™
 Registered Mail Restricted Delivery
 Signature Confirmation
 Signature Confirmation Restricted Delivery
 Signature Confirmation Restricted Delivery

Domestic Return Receipt

04/07/2023

47103004731

264 INDUSTRIAL PARK ROAD
JANE LEW, WEST VIRGINIA 26378



7018 3090 0001 4398 3859
7018 3090 0001 4398 3859

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

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Certified Mail Fee	\$
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total Postage and	\$

Postmark
Here

Sent To **Thomas Pratt, WVDNR D1 Wildlife Biologist**
West Virginia Department of Natural Resources
 Street and Apt. No. **1110 Railroad Street,**
 City, State, ZIP+4 **Farmington WV 26571**

PS Form 3800, 1-2019

WVDNR D1 Wildlife Biologist
Department of Natural Resources
Street,
/ 26571

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Thomas Pratt, WVDNR D1 Wildlife Biologist
West Virginia Department of Natural Resources
1110 Railroad Street,
Farmington WV 26571



9590 9402 7364 2028 0239 33
 2. Article Number (transfer from service label)
7018 3090 0001 4398 3859
 PS Form 3811, July 2020 PSN 7530-02-000-8053

COMPLETE THIS SECTION ON DELIVERY

A. Signature _____

Ager Addr

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

D. Is delivery address different from item 1? Yes No

If YES, enter delivery address below: _____

71030

3. Service Type

<input type="checkbox"/> Priority Mail Express	<input type="checkbox"/> Registered Mail Restricted Delivery
<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Signature Confirmation
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery
<input type="checkbox"/> Certified Mail®	<input type="checkbox"/> Collect on Delivery
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Collect on Delivery Restricted Delivery
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Collect on Delivery Restricted Delivery
<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Collect on Delivery Restricted Delivery

Domestic Return Re

04/07/2023

SURFACE OWNER WAIVER

4710300473P

Operator's Well
Number

DEWHURST, J.B. 4

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,

<u>Shaw D. Pratt</u>	Date	3-6-2023	Name	
Signature			By	
			Its	Date

Signature

Date

04/07/2023

WW-4B

API No. 47-103-00473 P
Farm Name _____
Well No. DEWHURST, J.B. 4

**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: 3-6-2023

John A. Probst
By: WVDNR
Its District Biologist

04/07/2023

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Dowell Frac October, 1980

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
No Record			0	1500	
1st Salt Sand			1500	1540	
Slate & Shells			1540	1572	
Sand			1572	1592	
Slate & Shells			1592	1661	
Lime and Gritty			1661	1680	
Slate & Shells			1680	1756	
Sand & Lime			1756	1777	
Slate & Shells			1777	1917	
Sand			1917	1945	
Slate & Shells			1945	2015	
Sand Maxon Sand			2015	2055	
Shale			2055	2100	
Little Lime			2100	2160	
Shale			2160	2180	
Big Lime			2180	2210	
Keener			2210	2258	
Big Injun			2258	2364	Show of Oil
Shale			2364	2514	
Berea Sandstone			2514	2525	
Shale			2525	2710	
Gordon Stray Sandstone			2710	2746	
Shale			2746	2916	
Gordon Sandstone			2916	2955	Show of Oil
Shale			2955	3012	
Murryville Sandstone			3012	3015	
Shale			3015	3258	
5th Sandstone			3258	3264	
Shale			3264	3320	
Total Depth			3320		

RECEIVED
Office of Oil and Gas
MAR 6 2023
WV Department of
Environmental Protection

RECEIVED
MAR 30 1987
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

(Attach separate sheets as necessary)

Well Operator
By: [Signature]
Date: _____

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic
2160 detailed geological record of all formations, including
coal, encountered in the drilling of a well."



47103004739

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 12

Quadrangle Centerpoint

Permit No. WET -473

WELL RECORD

Oil or Gas Well Oil
(KIND)

Company IMPERIAL OIL COMPANY
Address 504 Carlton House, Pittsburgh 19, Pa.
Farm J. B. Dewhurst Acres 2200

Location (waters) _____
Well No. Four (4) Elev. 1209'
District Grant County Wetzel
The surface of tract is owned in fee by Same as all
other Dewhurst wells Address _____

Mineral rights are owned by Same as other Dewhurst
Wells Address _____

Drilling commenced May, 1960
Drilling completed August, 1960

Date Shot _____ From _____ To _____
With _____

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock Pressure _____ lbs. _____ hrs.
Oil _____ show _____ bbls., 1st 24 hrs.

WELL ACIDIZED _____

WELL FRACTURED yes.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13	26'	yes	
10	400'		Size of _____
8 1/4	1525'		
6 3/4	2403'	2403'	Depth set _____
5 3/16	3073'	3073'	
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 5 1/2 SIZE 3073 No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT 9 bbls. daily

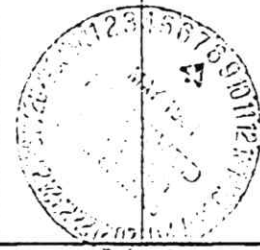
ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	30			
sand			30	80			
red rock			80	125			
W. slate			125	170			
sand			170	200			
slate			200	295			
sand			295	350			
slate			350	410			
sand			410	470			
slate			470	680			
sand			680	740			
slate			740	755			
lime			755	780			
slate & shells			780	810			
lime			810	950			
slate & shells			950	965			
slate & shells			965	978			
coal blossom			978	979			
lime			979	1002			
Pittsburgh coal			1002	1003			
slate & shells			1003	1150			
red rock			1150	1200			
slate & shells			1200	1300			
red rock			1300	1325			
black slate			1325	1355			
slate & shells			1355	1395			

coal blossom at 965'

RECEIVED
Office of Oil and Gas
MAR 6 2023
WV Department of
Environmental Protection



(over)

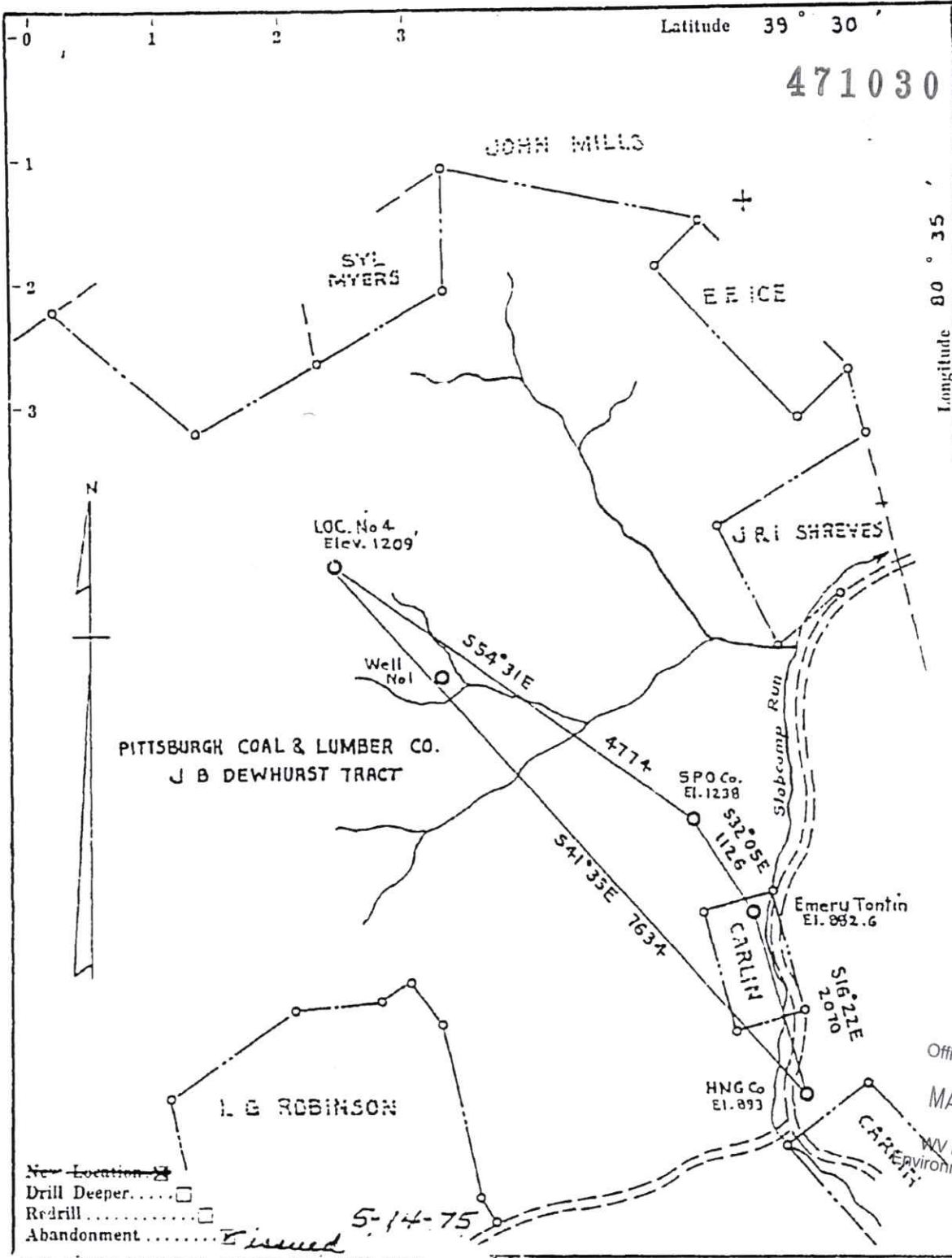
04/07/2023

Formation	Color	Hard or Soft	Top 12	Bottom	Oil, Gas or Water	Depth Found	Remarks
black slate			1395	1415			
sand			1415	1447			
black slate			1447	1510			
sand			1510	1548	Gas		
slate			1548	1610			
sand			1610	1715			
black slate			1715	1808			
sand			1808	1835			
black slate			1835	1875			
sand			1875	1927			
slate			1927	2018			
sand			2018	2055			
sand			2055	2132			
red rock			2132	2200			
slate & shells			2200	2247			
Big Lime			2247	2347			
Injun sand			2347	2507	Gas		
slate & shells			2507	2631			
sand			2631	2646			
slate & shells			2646	2798			
lime			2798	2820			
slate & shells			2820	3040			
red sand			3040	3050			
sand			3050	3098	Oil Show		
shale			3098	3104			
TOTAL DEPTH							

RECEIVED
Office of Oil and Gas
MAR 6 2023
WV Department of
Environmental Protection

Date May 5, 19 61
APPROVED IMPERIAL OIL COMPANY, Owner
By [Signature]
(Title) President

04/07/2023



4710300473P

RECEIVED
Office of Oil and Gas
MAR 6 2023
WV Department of
Environmental Protection

New Location
 Drill Deeper
 Redrill
 Abandonment *Issued 5-14-75*

LEE SCOTT-400 STATE STREET-COLUMBUS, OHIO
 Company ~~IMPERIAL OIL COMPANY~~
 Address ~~PITTSBURGH, PA~~
 Farm PITTSBURGH COAL & LUMBER CO.
 J. B. DEWHURST TRACT

Tract	Acres	2209	Lease No.	
Well (Farm) No.	4	Serial No.		
Elevation (Spirit Level)	1209'			
Quadrangle	CENTER POINT NE 1 ^L			
County	WETZEL	District	GRANT	
Engineer	<i>Henry A. Thacker</i>			
Engineer's Registration No.	2470			
File No.	Drawing No.			
Date	NOV. 20, 1959	Scale	1" = 1320'	

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. WET-473-P-D.D

— Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

47-103

04/07/2023

WW-9
(5/16)

API Number 47 - 103 _00473
Operator's Well No. DEWHURST, J.B. 4

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

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

Watershed (HUC 10) South Fork Fishing Creek Quadrangle Folsom

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:

- 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) SEE BELOW
- Other (Explain _____)

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

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Fresh water gel and/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. Removed offsite

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

-Landfill or offsite name/permit number? Austin Master Services, LLC; AMS Martins Ferry Facility; WF ID #BELM-05; Permit #WF-2022-05

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 *Mick Goodwin*
Company Official (Typed Name) Mick Goodwin
Company Official Title President

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Office of Oil and Gas
MAR 6 2023
WV Department of
Environmental Protection



Subscribed and sworn before me this 27 day of February, 2023
Olivea Duncan Notary Public

My commission expires March 24 2026

04/07/2023

Proposed Revegetation Treatment: Acres Disturbed Less than 1 acre 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	Seed Type	lbs/acre
		Fescue	30
		Clover	5
		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: Stephen Mccoy Digitally signed by Stephen Mccoy Date: 2023.02.24 07:46:22 -05'00'

Comments: No pits will be used.

Properly reclaimed, seeded, and mulched all disturbed areas to DEP standards.

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WV Department of
Environmental Protection

Title: _____ Date: _____

Field Reviewed? () Yes () No

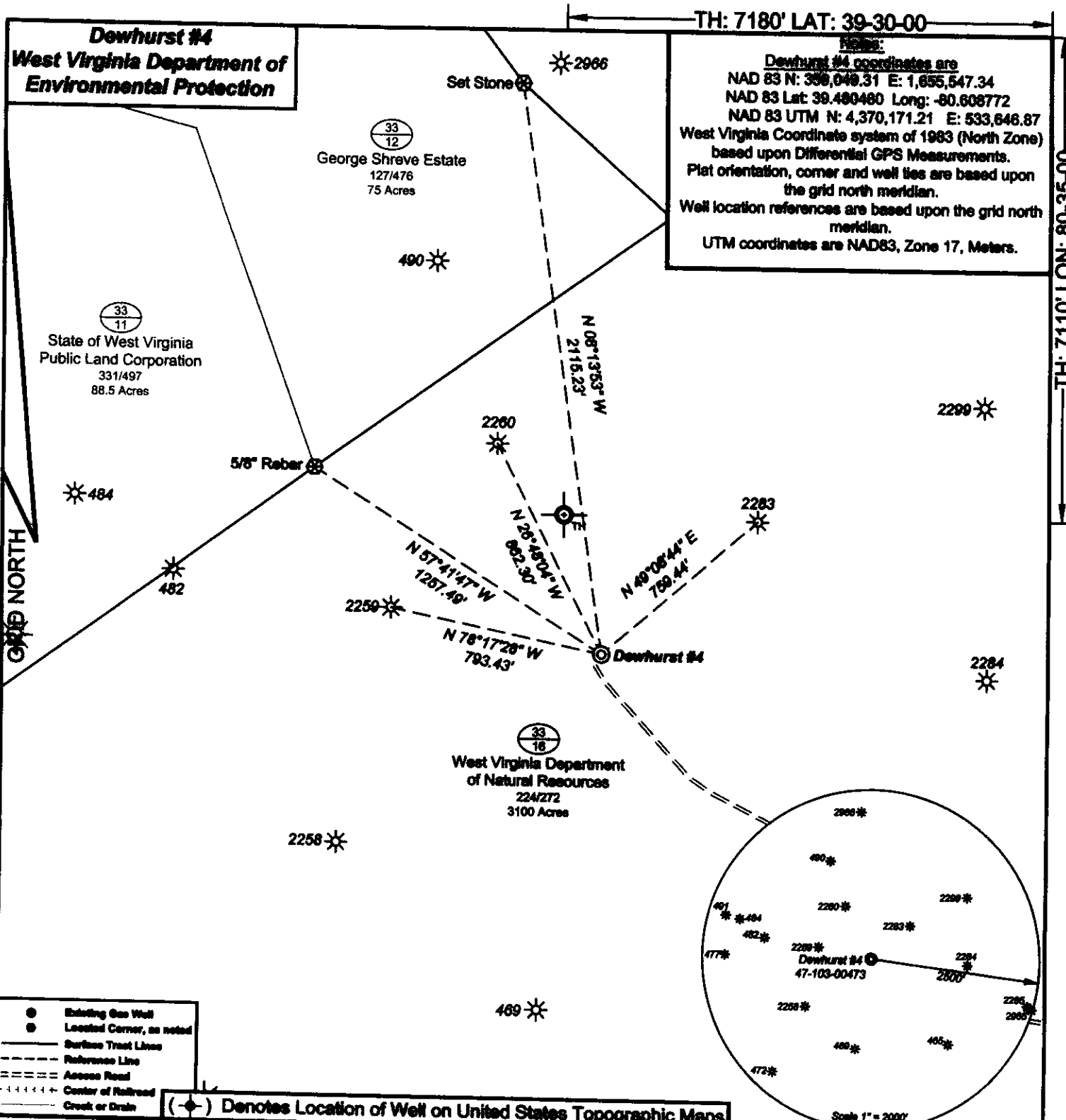
4710300473P



GPS Map Camera

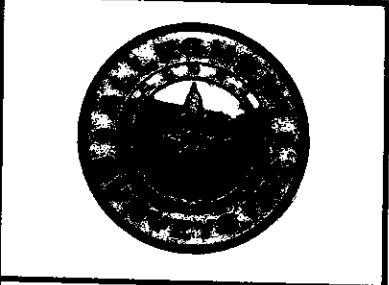
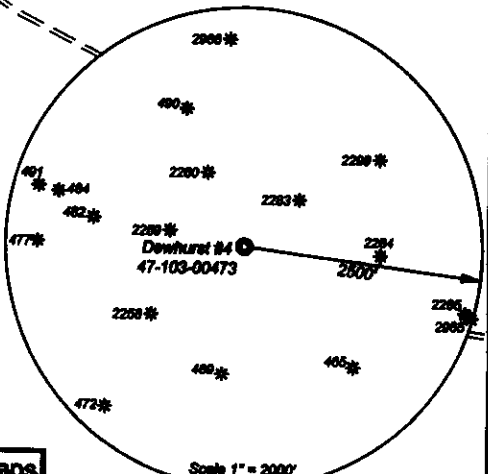
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02/06/2023 02:39 PM

04/07/2023



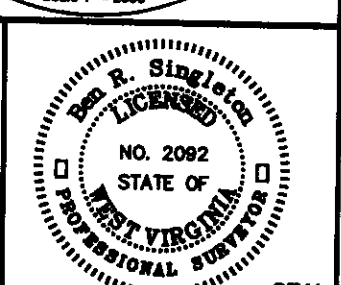
NOTE:
 Dewhurst #4 coordinates are
 NAD 83 N: 399,049.31 E: 1,655,547.34
 NAD 83 Lat: 39.480480 Long: -80.608772
 NAD 83 UTM N: 4,370,171.21 E: 533,646.87
 West Virginia Coordinate system of 1983 (North Zone)
 based upon Differential GPS Measurements.
 Plat orientation, corner and well ties are based upon
 the grid north meridian.
 Well location references are based upon the grid north
 meridian.
 UTM coordinates are NAD83, Zone 17, Meters.

- Existing Gas Well
- Located Corner, as noted
- Surface Trust Lines
- - - Reference Line
- = = = Access Road
- + + + + + Center of Railroad
- - - - - Creek or Drain



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 Department of Environmental Protection.

Ben R. Singleton
 P.S. 2092



FILE NO: 34-23
 DRAWING NO: Dewhurst #4
 SCALE: 1" = 500'
 MINIMUM DEGREE OF ACCURACY:
 1:2500
 PROVEN SOURCE OF ELEVATION:
 NGS CORS Station

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

DATE: February 20 20 23
 OPERATOR'S WELL NO.: Dewhurst #4
 API WELL NO
 47 - 103 - 00473 p
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1228.58' WATERSHED: South Fork Fishing Creek QUADRANGLE: Folsom
 DISTRICT: Grant COUNTY: Wetzel

SURFACE OWNER: West Virginia Department of Natural Resources ACREAGE: 3100
 ROYALTY OWNER: LEASE NO: ACREAGE:

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Unknown ESTIMATED DEPTH: Unknown

WELL OPERATOR: Unknown - DEP Paid Plugging Contract WVDEP DESIGNATED AGENT: H. Jason Harmon
 ADDRESS: 601 57th Street ADDRESS: 601 57th Street
 Charleston, WV 25304 Charleston, WV 25304

04707/2023

47103004730

AREA

Carpet

LEWIS WETZEL PUBLIC

47-103-00473-00-00 533647E, 4370171 N X

04/07/2023

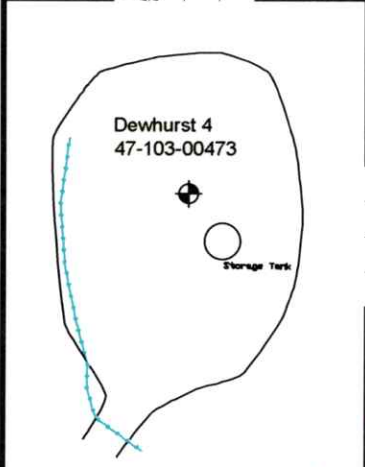
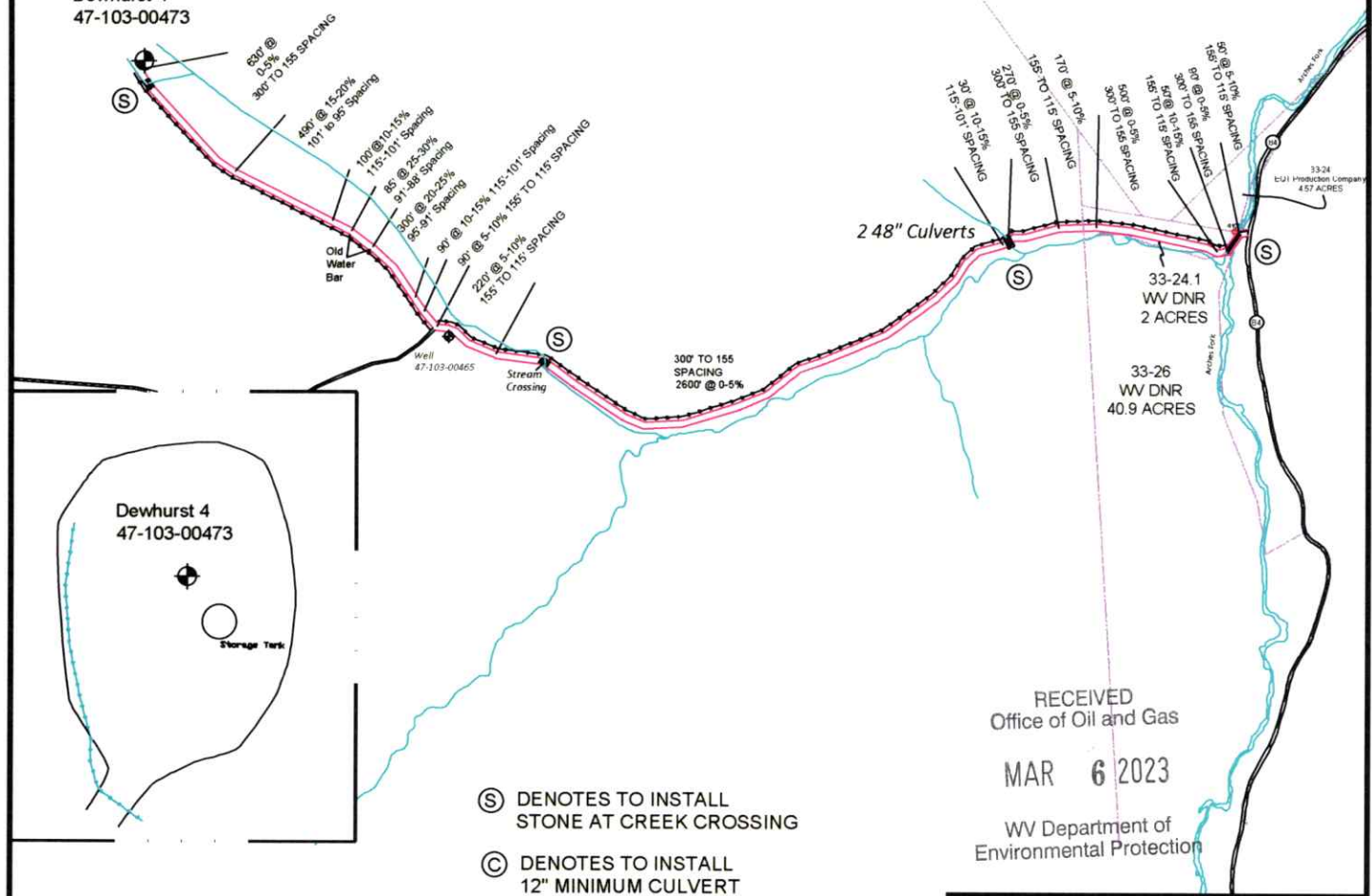
WW-9

EG23083 (47-103-00473)



Dewhurst 4
47-103-00473

33-17
EQT Production Company
15-67/100 ACRES



- Ⓢ DENOTES TO INSTALL STONE AT CREEK CROSSING
- Ⓒ DENOTES TO INSTALL 12" MINIMUM CULVERT

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MAR 6 2023

WV Department of
Environmental Protection

Unless otherwise noted, all roads shown hereon are existing and shall be maintained in accordance with WV D.E.P., Office of Oil and Gas Erosion and Sediment Control Field Manual as revised 8/2016. Entrances upon county/state roads shall be maintained in accordance with WV D.O.T. regulations, however, separate permits may be required by the WV D.O.T.

Sediment basins (traps) and appropriate erosion control barriers are to be constructed at all culverts and cross-drains as required in the aforementioned Erosion and Sediment Control Field Manual. Where field conditions dictate, alternative erosion control measures shall be enacted as required.

Earthwork contractors are responsible for notification to the operator and inspector prior to any deviation from this plan.

DRAWN BY: Ben Singleton

DATE: February 21, 2023



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.
 1-800-482-8606
 P.O. BOX 438
 BIRCH RIVER, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608

PROPERTY BOUNDARY	
ROAD	
DITCH	
SILT FENCE	
EXISTING WELL LOCATION	
BROAD BASED DIP	
CULVERT	
CROSS DRAIN	
PIT-CUT WALLS	
PIT-COMPACTED WALLS	
AREA OF LAND APPLICATION OF PIT WASTE	

04/07/2023



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

plugging permit issued 4710300437

1 message

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

Tue, Apr 4, 2023 at 10:43 AM


To: Henry J Harmon <henry.j.harmon@wv.gov>, Stephen E McCoy <stephen.e.mccoy@wv.gov>, slemley@wvassessor.com


To whom it may concern, a plugging permit has been issued for 4710300437.

James Kennedy

WVDEP OOG

2 attachments

 **4710300437.pdf**
3879K

 **ir-8 4710300437.pdf**
120K

04/07/2023