



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, May 15, 2023

WELL WORK PLUGGING PERMIT
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 1
47-033-02860-00-00

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: HURSEY, RICHARD & BETTY
U.S. WELL NUMBER: 47-033-02860-00-00
Vertical Plugging
Date Issued: 5/15/2023

Promoting a healthy environment.

05/19/2023

4703302860

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.

05/19/2023

1) Date _____, 2023
2) Operator's
Well No. Betty Hursey #1
3) API Well No. 47-033 - 02860

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 ____

5) Location: Elevation 980' Watershed West Fork
District Clay County Harrison Quadrangle Shinnston

6) Well Operator Unknown- DEP Paid Plugging Contract 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 9) Plugging Contractor
Name Kenneth Greynolds Name Coastal Drilling East
Address 613 Broad Run Road Address 130 Meadow Ridge Road
Jane Lew, WV 26378 Mt Morris, PA 15349

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

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Office of Oil and Gas
MAY 03 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 *Kenneth L. Greynolds* Date 5-1-23

05/19/2023



"A Shaft Drillers International Company"

Coastal Drilling East LLC • 130 Meadow Ridge Road, Mt. Morris, PA 15349

Phone 304-291-0175 Fax 304-413-0061

4703302860

PLUGGING PROGNOSIS

Lincoln Production
Harrison County, WV
District, Clay
API # 47-033-02860

BY: Hunter Deremer
DATE: 04/11/23

CURRENT STATUS:

Elevation @ 980'
TD: 2575' (Plugged back from 3562' to 2575')
Drilled in 1983

8 5/8" csg 1173' (Cemented to Surface)
4 1/2" csg 2571' (Cemented 2571' - 1200')

Gas @ 2445' and 3320'
Coal @ 243' and 405'
Water @ 30' and 1090'

1. Notify State Inspector, **Ken Greynolds 304-206-6613**, 48 hours prior to commencing operations.
2. Conduct Tailgate Safety Meeting. Complete JSA's as required.
3. Check pressures on all casing with a gauge. Blow down well into a grounded tank with secure line.
4. MIRU. Begin plugging and abandonment operations, Load 4 1/2" casing with fresh water. Check TD w/wireline. Notify WV OGO inspector.
5. RU Wireline. Run CBL on 4 1/2" casing from 2571' - surface. Determine free point on 4 1/2" casing.
6. TIH w. tubing to 2575'. Pump Class L cement plug from 2575' to 1200'. TOOH w. tubing. WOC. Tag TOC.
7. Cut 4 1/2" csg. At free point and TOOH with casing.
8. RU Wireline. Run CBL on 8 5/8" casing from 1173' - surface. Determine free point on 8 5/8" casing.
9. Notify OGO inspector and discuss cut/perforation schedule for 8 5/8" Casing.
10. TIH w. tubing to 1200'. Pump Class L cement plug from 1200' - Surface. TOOH w. tubing. WOC. Tag TOC
11. Top off well to surface with solid cement as needed.
12. Erect monument with API#, date plugged, and company name,
13. Reclaim location and road to WV-DEP specifications.
*6% Gel Spacers may be omitted and replaced with Class L cement plugs.

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Office of Oil and Gas
MAY 03 2023
WV Department of
Environmental Protection

Hunter Deremer 5-1-23
05/19/2023

4703302860

WW-4A
Revised 6-07

1) Date: May 2, 2023
2) Operator's Well Number Betty Hursey #1

3) API Well No.: 47 - 033 - 02860

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>Richard Hursey</u>	Name _____
Address <u>PO Box 9</u>	Address _____
<u>Shinnston, WV 26431</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Richard Hursey</u>
	Address <u>PO Box 9</u>
	<u>Shinnston, WV 26431</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Kenneth Greynolds</u>	(c) Coal Lessee with Declaration
Address <u>613 Broad Run Road</u>	Name _____
<u>Jane Lew, WV 26378</u>	Address _____
Telephone _____	

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
 By: Matthew Yearstey
 Its: Plugging Contractor
 Address 130 Meadow Ridge Road
Wt. Morns PA 15349
 Telephone 304-291-0175

Subscribed and sworn before me this 1st day of May 2023
Mike Savage Notary Public
 My Commission Expires August 17, 2025

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 depprivacyoffier@wv.gov.

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Office of Oil and Gas
MAY 03 2023
05/19/2023
Office of Environmental Protection

4703302860

Betty Hursey #1 (API# 47-033-02860)
To: Richard Hursey
Surface and Coal Owner, Proof of Application sent by Certified Mail

5940 0002 1137 0495
7022 2410 0002 1137 0495

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ™.	
Shilimston, WV 26431	
OFFICIAL USE	
Certified Mail Fee	\$4.15
Extra Services & Fees (check box, add fee as appropriate)	\$3.75
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$2.46
Total Postage and Fees	\$9.96
To: Richard Hursey Street and Apt. No., or PO Box No. PO Box 9 City, State, ZIP+4® Shilimston, WV 26431	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

0098
04
Postmark
Here
05/02/2023

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Office of Oil and Gas
MAY 03 2023
WV Department of
Environmental Protection

05/19/2023

4703302860

WW-9
(5/16)

API Number 033 02860
Operator's Well No. Betty Hursey #1

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 OP Code _____

Watershed (HUC 10) West Fork Quadrangle Shinnston

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)
- Other (Explain _____)

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

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

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

-Landfill or offsite name/permit number? Meadowfill, Landfill- permit #SWF 1032

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.

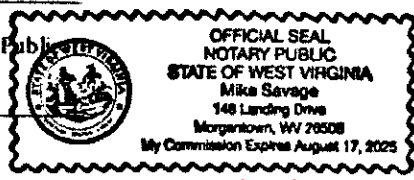
Company Official Signature [Signature]
Company Official (Typed Name) Matthew A. Yeaster
Company Official Title Operations Manager

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Office of Oil and Gas
MAY 03 2023

Subscribed and sworn before me this 1st day of May, 20 23

[Signature]
My commission expires August 17, 2025

Notary Public



05/19/2023

Proposed Revegetation Treatment: Acres Disturbed 0.14 Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 10-20-200 or equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type lbs/acre

Seed Type lbs/acre

*see attached

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: Samuel L. Reynolds

Comments: RECLAIM, SEED & MULCH ASAP

Title: OIL & GAS INSPECTOR

Date: 5-1-23

Field Reviewed? () Yes () No

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Office of Oil and Gas

MAY 03 2023

WV Department of
Environmental Protection

4703302860

CAUDILL SEED * 1001 E. MAIN ST. BOX 60 HUNDEE - 2 * HUNDEE NY 49351 * 516-4-4823

NOTICE TO CONSUMERS

Notice: All products are sold as shown. We do not warrant the quality of any product. The quality of any product is subject to change without notice. We do not warrant the quality of any product. The quality of any product is subject to change without notice. We do not warrant the quality of any product. The quality of any product is subject to change without notice.

PURCHASE SPECIAL: SEED 2015
LOT: 1001
NET WT. 50
GROSS WT. 1.00
USED SEED: .20

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 08-14-2013 BY 60322 UCBAW/STP

**NET WT. 50
GROSS WT. 1.00
USED SEED: .20**

**LOT: 1001
NET WT. 50
GROSS WT. 1.00
USED SEED: .20**

NOTICE TO BUYER: WE WARRANT THAT THE SEEDS WE SELL ARE OF THE BEST QUALITY AVAILABLE. WE DO NOT WARRANT THE QUALITY OF ANY PRODUCT. THE QUALITY OF ANY PRODUCT IS SUBJECT TO CHANGE WITHOUT NOTICE. WE DO NOT WARRANT THE QUALITY OF ANY PRODUCT. THE QUALITY OF ANY PRODUCT IS SUBJECT TO CHANGE WITHOUT NOTICE.

**NET WT. 50
GROSS WT. 1.00
USED SEED: .20**

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Office of Oil and Gas
MAY 03 2013
NY Department of
Environmental Protection

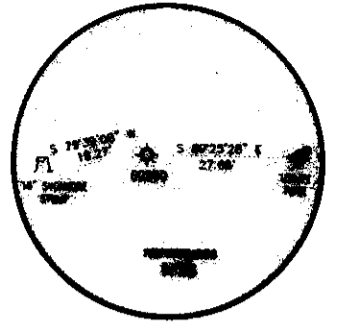
05/19/2023

Latitude: 39°25'00"

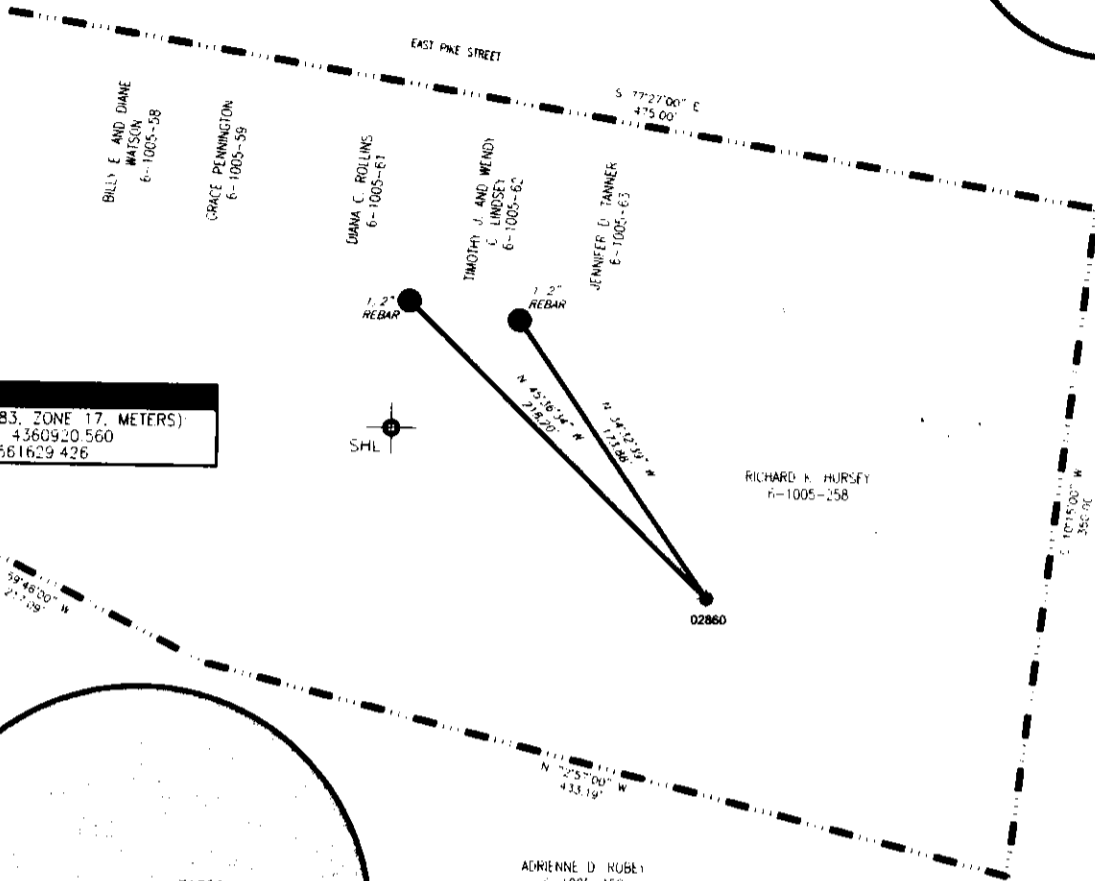
SURFACE HOLE 4703302860



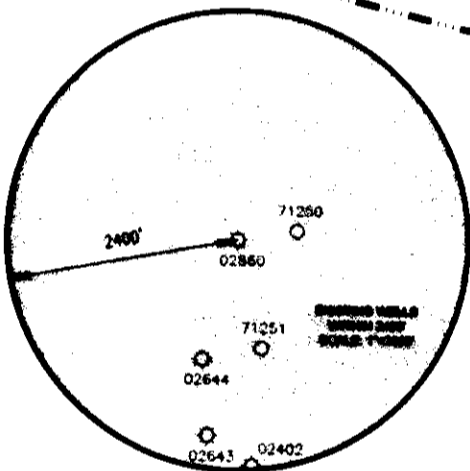
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
120 GENESIS BOULEVARD
BRIDGEPORT, WV 26330
304-933-3119



GRID NORTH
UTM: NAD83 DATUM, ZONE 17, US FT



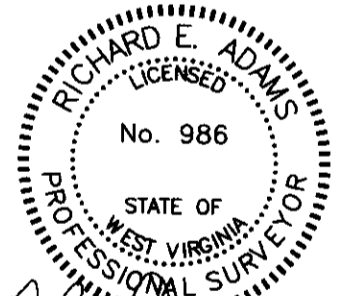
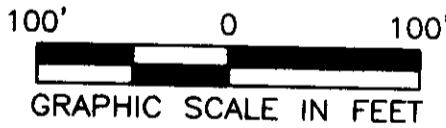
UTM (NAD83, ZONE 17, METERS)
NORTHING: 4360920.560
EASTING: 561629.426



NOTES ON SURVEY


1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CONNECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



Richard E. Adams

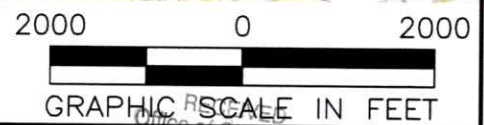
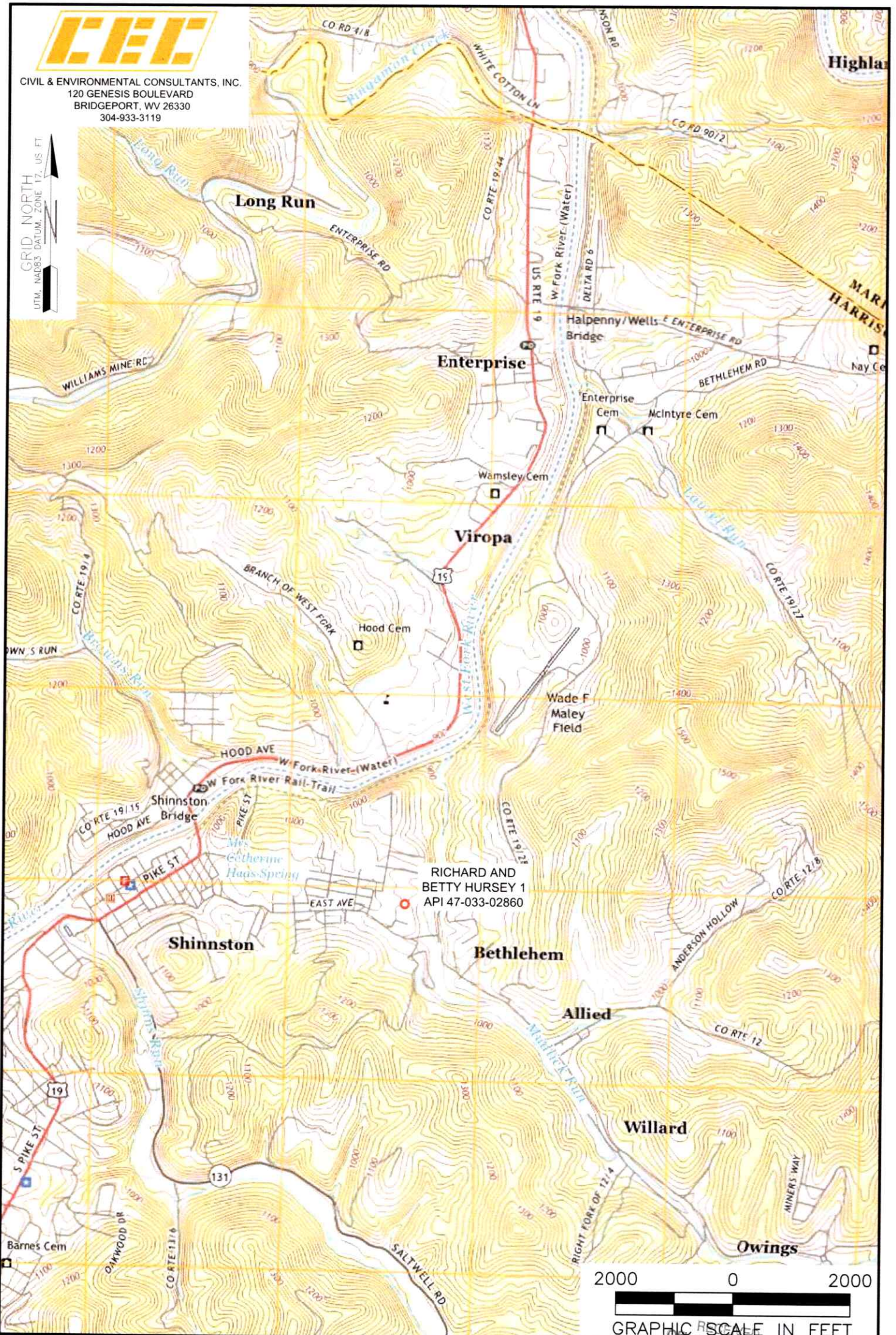
P.S. 986

 <p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	<p>MINIMUM DEGREE OF ACCURACY: 1/2500</p> <p>SURVEY GRADE GPS PROVEN SOURCE OF ELEVATION: (NAVD 88, US FT)</p>	<p>OPERATOR'S WELL #: RICHARD AND BETTY HURSEY 1</p> <p>API WELL #: 47 033 02860 STATE COUNTY PERMIT</p>							
	<p>WELL TYPE: OIL WASTE DISPOSAL PRODUCTION <input checked="" type="checkbox"/> DEEP GAS <input checked="" type="checkbox"/> LIQUID INJECTION STORAGE SHALLOW <input checked="" type="checkbox"/></p> <p>WATERSHED: MUDLICK RUN</p> <p>DISTRICT: CLAY DISTRICT COUNTY: HARRISON</p> <p>SURFACE OWNER: RICHARD K. HURSEY</p> <p>OIL & GAS ROYALTY OWNER: RICHARD K. HURSEY</p> <p>DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION</p> <p>CONVERT PLUG & ABANDON <input checked="" type="checkbox"/> CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)</p> <p>TARGET FORMATION: BALLTOWN</p>	<p>ELEVATION: 957.54'</p> <p>QUADRANGLE: SHINNSTON</p> <p>ACREAGE: 2.78937±</p> <p>ACREAGE: 2.78937± OF 4.2</p> <p>ESTIMATED DEPTH: 3,562' PLUGGED BACK TO 2,575'</p>							
<p>WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WVDEP</p> <p>ADDRESS: 601 57TH STREET, SE</p> <p>CITY: CHARLESTON STATE: WV ZIP CODE: 25304</p>	<p>DESIGNATED AGENT: H. JASON HARMON</p> <p>ADDRESS: 601 57TH STREET, SE</p> <p>CITY: CHARLESTON STATE: WV ZIP CODE: 25304</p>								
<p>LEGEND: ● EXISTING / PRODUCING WELLHEAD - - - LEASE BOUNDARY</p>	<p>REVISIONS:</p> <table border="1"> <tr><td> </td><td>DATE: 05-01-2023</td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>		DATE: 05-01-2023						
	DATE: 05-01-2023								
<p>DRAWN BY: K.E.S. SCALE: 1" = 100' DRAWING NO: 324-513 WELL LOCATION PLAT</p>									



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 120 GENESIS BOULEVARD
 BRIDGEPORT, WV 26330
 304-933-3119

GRID NORTH
 UTM, NAD83 DATUM, ZONE 17, US FT



NOTES ON SURVEY

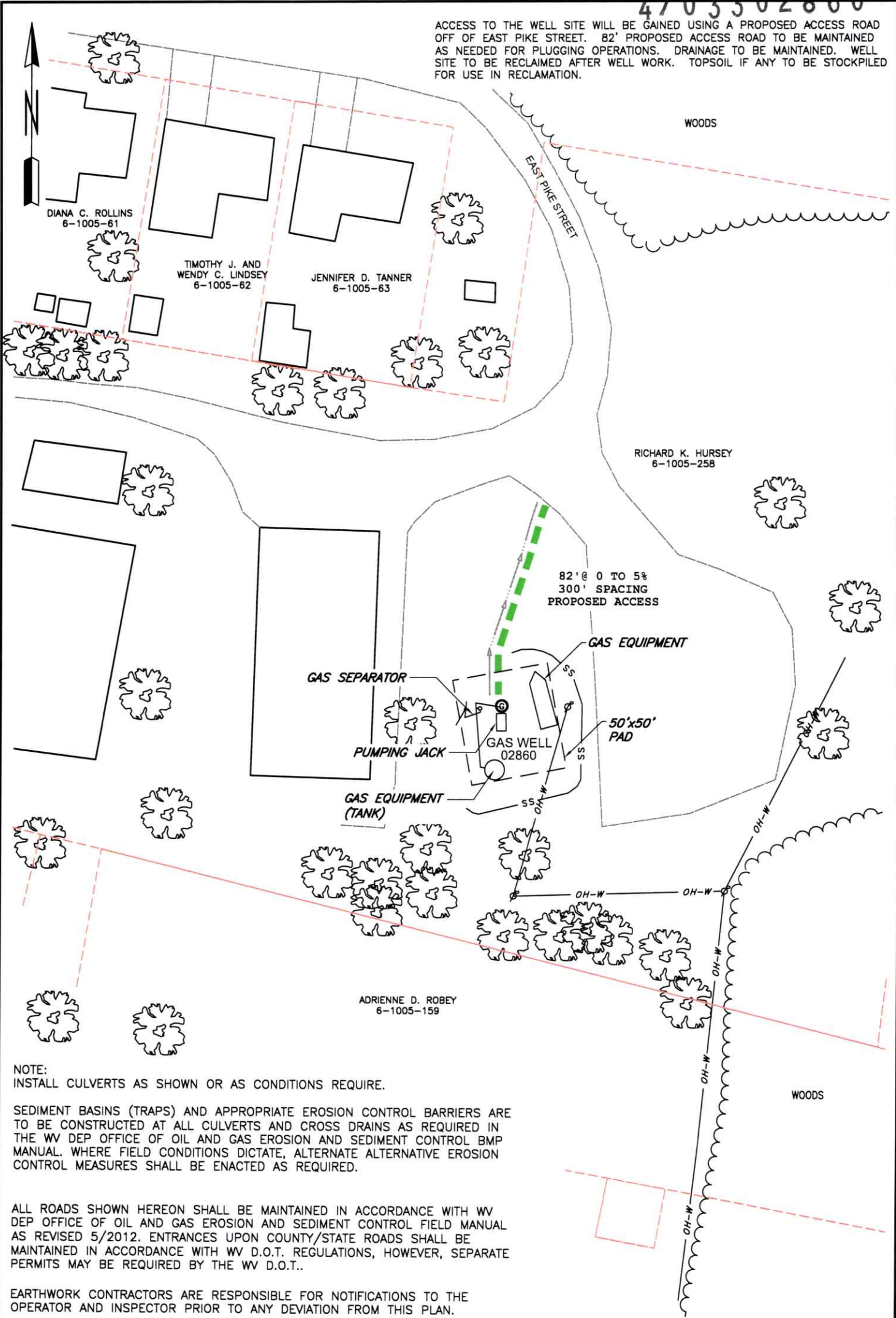
1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

Office of Oil and Gas
 05/19/2023
 MAY 03 2023
 ACCESS ROAD

WV Department of Environmental Protection

WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WDEP		WELL (FARM) NAME: RICHARD AND BETTY HURSEY		WELL # 1
ADDRESS: 601 57TH STREET, SE, CHARLESTON, WV 25304		COUNTY - CODE HARRISON - 033	DISTRICT; CLAY DISTRICT	
SURFACE OWNER: RICHARD K. HURSEY 2.78937± ACRES		USGS 7 1/2 QUADRANGLE MAP NAME SHINNSTON, WV		

ACCESS TO THE WELL SITE WILL BE GAINED USING A PROPOSED ACCESS ROAD OFF OF EAST PIKE STREET. 82' PROPOSED ACCESS ROAD TO BE MAINTAINED AS NEEDED FOR PLUGGING OPERATIONS. DRAINAGE TO BE MAINTAINED. WELL SITE TO BE RECLAIMED AFTER WELL WORK. TOPSOIL IF ANY TO BE STOCKPILED FOR USE IN RECLAMATION.



NOTE:
INSTALL CULVERTS AS SHOWN OR AS CONDITIONS REQUIRE.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERTS AND CROSS DRAINS AS REQUIRED IN THE WV DEP OFFICE OF OIL AND GAS EROSION AND SEDIMENT CONTROL BMP MANUAL. WHERE FIELD CONDITIONS DICTATE, ALTERNATE ALTERNATIVE EROSION CONTROL MEASURES SHALL BE ENACTED AS REQUIRED.

ALL ROADS SHOWN HEREON SHALL BE MAINTAINED IN ACCORDANCE WITH WV DEP OFFICE OF OIL AND GAS EROSION AND SEDIMENT CONTROL FIELD MANUAL AS REVISED 5/2012. 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..

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

NOT TO SCALE

LEGEND:		NOTES	
EXISTING / PRODUCING WELLHEAD	SILT FENCE	<p>1. NO PIT WILL BE CONSTRUCTED. TANKS WILL BE USED FOR FLUIDS.</p>	
EXISTING POWER POLE	OVERHEAD ELECTRIC		
DIVERSION DITCH	PARCEL LINE		
TREE	TREE LINE		
	ACCESS		
	DITCH LINE		
	GRAVEL AREA		
		EXISTING FENCE	

05/19/2023

WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WVDP	WELL (FARM) NAME: RICHARD AND BETTY HURSEY	WELL # 1
ADDRESS: 601 57TH STREET, SE CHARLESTON, WV 25304	COUNTY - CODE HARRISON - 033	DISTRICT; CLAY
SURFACE OWNER: RICHARD K. HURSEY	USGS 7 1/2 QUADRANGLE MAP NAME SHINNSTON, WV	



1) Date: December 47, 03, 80 2, 8, 60

DRILLING CONTRACTOR:

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS

2) Operator's Well No. #1
3) API Well No. 47033302860
State of West Virginia County of Boone Permit

LOCATION: Clay District Shinnston County Boone State West Virginia

4) WELL TYPE: Oil
B (if "Gas", Production) / Underground storage / Deep / Shallow

6) WELL OPERATOR: Lincoln Production
Address: Route 1, Box 2077, Numberport, WV 26388
11) DESIGNATED AGENT: Terrance M. Weaver
Address: Clarksville, WV 26301

7) OIL & GAS ROYALTY OWNER: Richard Hursey
Address: 1228 E. Pike St., Shinnston, WV
12) COAL OPERATOR: Richard Hursey
Address: 1228 E. Pike Street, Shinnston, WV

8) SURFACE OWNER: Richard Hursey
Address: 1228 E. Pike St., Shinnston, WV
13) COAL OWNERS WITH DECLARATION ON RECORD: Richard Hursey
Address: 1228 E. Pike Street, Shinnston, WV

9) FIELD SALE (IF MADE TO):
Address: Shinnston, WV
14) COAL LESSEE WITH DECLARATION ON RECORD:
Name: Steve Casey
Address: Route 2, Box 232-D, Jane Lew, WV 26378

10) OIL & GAS INSPECTOR TO BE NOTIFIED:
Name: Steve Casey
Address: Route 2, Box 232-D, Jane Lew, WV 26378

15) PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulus
Plug off old formation / Perforate new formation / Other physical change in well (specify)

16) GEOLOGICAL TARGET FORMATION: Balltown
17) Estimated depth of completed well: 3800 feet
18) Approximate water strata depths: Fresh 20 feet, salt 560 feet
19) Approximate coal seam depths: 410, 500 feet. Is coal being mined in the area? Yes X

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				Cement	Cement	Cement	Cement
	Size	Grade	Weight	Depth				
Conductor	11 3/4			X	To surface			
Intermediate	8 5/8		20	X	To surface			
Production	10 3/4		30	X	To surface			
Tubing								
Lines								

21) EXTRACTION RIGHTS: Check and provide one of the following:
a) Included in the lease or other continuing contract or contract by which I hold the right to extract, produce or market the oil or gas...
b) The requirement of Code 20-2-4 (1) through (6) is met...
22) ROYALTY PROVISIONS: Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No
If the answer above is No, nothing additional is needed. If the answer is Yes, you must use the attached Form IV-60.
23) Required Copies (See reverse side.)
24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

My Commission Expires: 12/13/80

OFFICE USE ONLY
DRILLING PERMIT

This permit covering the well operator and well location is hereby evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector (Refer to No. 10) Prior to the construction of roads, locations and pits for any well site work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.
Permit expires August 13, 1983

Bond: Blanket Agent: OK Fee: 150

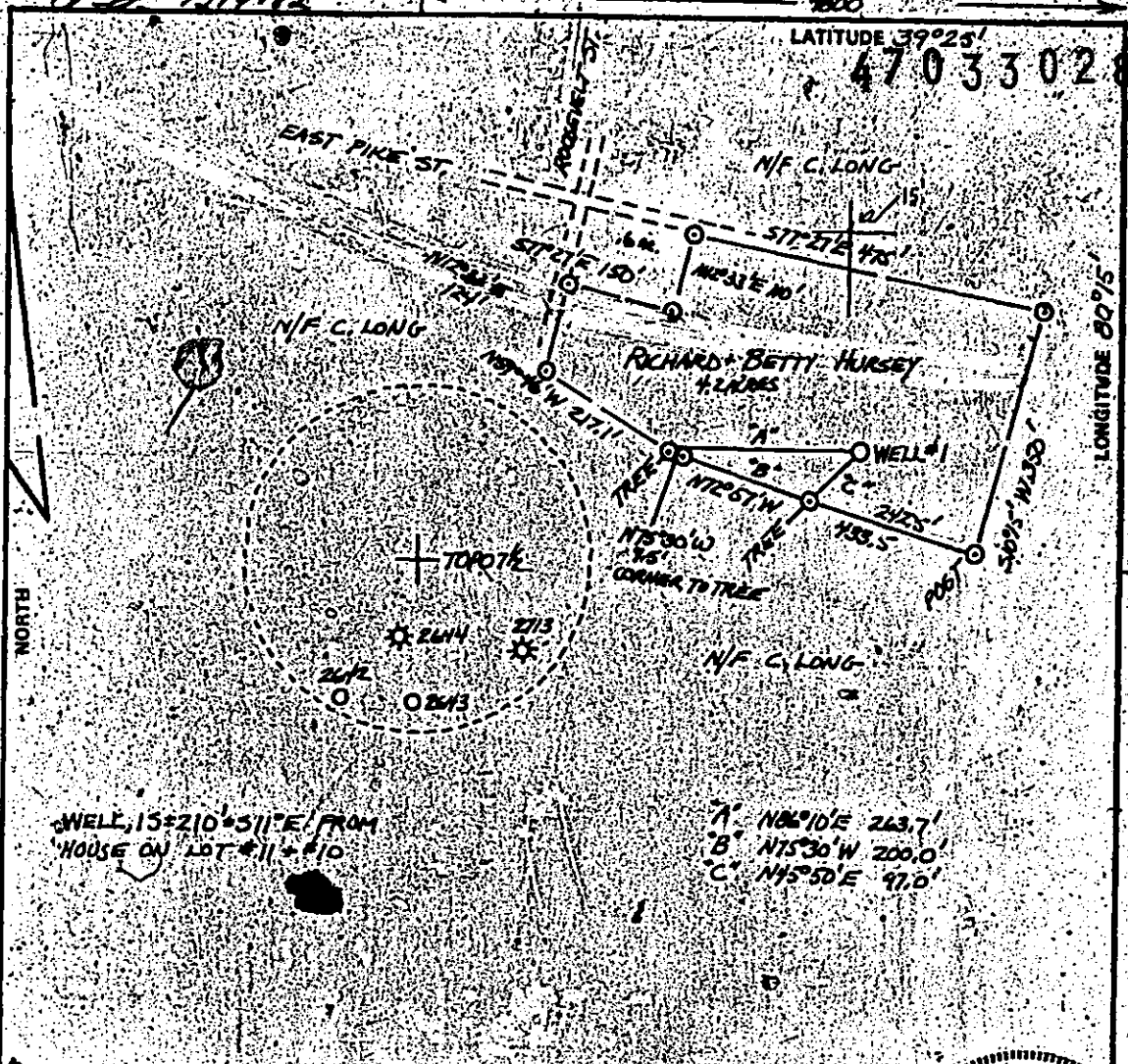
Administrator, Office of Oil and Gas

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WV Department of Environmental Protection

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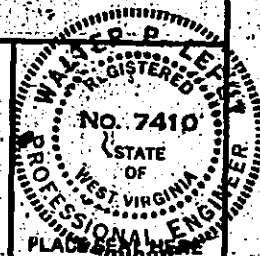


WELL, 15° 21' 0" S 11° 0" E FROM HOUSE ON LOT #11 + #10

A. N 06° 10' E 263.7'
 B. N 15° 30' W 200.0'
 C. N 45° 50' E 97.0'

FILE NO. 11-4-82
 DRAWING NO. 11-4-82
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION 2 OF ROADS ± 700 SOUTHWEST (41A)

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 MINES.
 (SIGNED) Walter P. Leppert
 R.P.E. 7410 L.L.S.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-B (8-78)



DATE DEC 4, 19 82
 OPERATOR'S WELL NO. one
 API WELL NO. 47-033-2860
 STATE CLAY COUNTY HARRISON PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 965 WATER SHED MUDLICK RIVER
 DISTRICT CLAY COUNTY HARRISON
 QUADRANGLE SHANNINGDALE
 SURFACE OWNER RICHARD & BETTY HURSEY ACREAGE 42-6-2.6
 OIL & GAS ROYALTY OWNER RICHARD & BETTY HURSEY LEASE ACREAGE 42
 LEASE NO. _____

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL 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 Bainbow ESTIMATED DEPTH 3900
 WELL OPERATOR LINCOLN PRODUCTION CO DESIGNATED AGENT TERRING M. WEAVER
 ADDRESS PO BOX 2077 ADDRESS PO BOX 2070
CLARKSBURG, W.VA. 26301 CLARKSBURG, W.VA. 26301

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 Office of Oil and Gas
 MAY 03 2023
 W.V. Department of Environment & Natural Resources

MARK - 2860

05/19/2023

A-4

4703302860

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IV-9 (Rev 8-81)

DEC 13 1982

DATE - December 6, 1982

WELL NO. #1

OIL AND GAS DIVISION State of West Virginia

API NO. 47 - 033 - 2860

WV DEPARTMENT OF MINES Department of Affairs Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Lincoln Production DESIGNATED AGENT Terring M. Weaver
Address RT. 1, Box 87, Lumberport, WV Address PO Box 2077, Clarksburg, WV
Telephone 304/623-6591 Telephone 304/623-6591

LANDOWNER Richard Hursey SOIL CONS. DISTRICT West Fork
Revegetation to be carried out by Terring Weaver (Agent)

This plan has been reviewed by West Fork SCD. All corrections and additions become a part of this plan: 12/9/82

Signature: Kenneth Knight (SCD Agent)

Table with columns: ACCESS ROAD, LOCATION, Structure, Spacing, Page Ref. Manual. Includes entries for DRAIN DITCH, BREAKERS, and Culvert.

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Table for REVEGETATION with columns: Treatment Area I, Treatment Area II, Line, or correct to pH, Tons/acre, Fertilizer, Milch, Seed*.

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

*Time according to pH test

PLAN PREPARED BY

NOTES: Please request landowner cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ADDRESS

PHONE NO.

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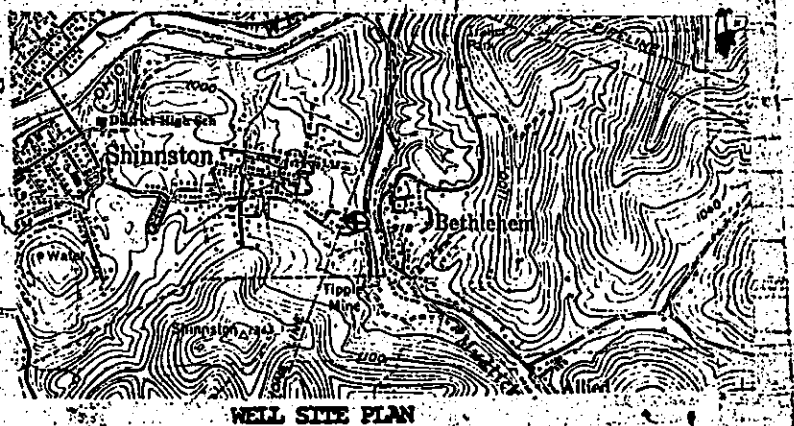
05/19/2023

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE SHINNSTON 7h

LEGEND

Well Site ⊕

ACCESS ROAD ———



WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, well site, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary ——— ———	Diversion ———/———
Road = = = = =	Spring ⊙ →
Existing fence — x — x —	Wet spot ⊕
Planned fence — / — / —	Building ■
Stream ~ ~ ~ ~ ~	Drain pipe — ○ — ○ — ○ —
Open ditch — · · · · ·	Waterway ⊕ = = = = =

SLOPE OF ROAD WILL BE 10% OR LESS.
 DITCH WILL BE MAINTAINED.
 ALL BRUSH WILL BE BURNED OR BURIED

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 MAY 03 2023
 WV Department of Environmental Protection

05/19/2023

AGREEMENT made and entered into the 1st day of December 1973 4703302860
between Richard K. & Betty Hursey

A-6

County of Harrison and State of West Virginia part 103 of the first part
hereinafter called Lessee, whether one or more, and Lincoln Production Company
party of the second part, hereinafter called Lessor.

WITNESSETH that the said Lessee for and in consideration of the sum of \$1 (ONE)
Dollars to them in hand well and truly paid by said Lessor, the receipt of which is hereby acknowledged, and of the covenants and
agreements hereinafter contained on the part of the said Lessee, to be paid, kept and performed, have granted, demised, leased and let and
by these presents do grant, demise, lease and let with covenants of quiet possession, and that they have the sole right as to grant and
demise unto the said Lessee, its successors and assigns, for the purpose of mining and operating for oil and gas, and of building tanks,
stations, power plants, water systems and structures thereon to take care of the said products, and of laying pipe lines on, over and across
the leased premises and other lands of Lessee, for the purpose of conveying oil, gas, steam or water therein from said wells and pipe
lines on the premises and on adjoining and adjacent farms, and rights of way for road ways over this and other lands of Lessee.

All that certain tract of land situated in Clay District Harrison
County and State of West Virginia on the waters of
bounded as follows:

On the North by lands of
On the East by lands of
On the South by lands of
On the West by lands of

Containing 8.9, 10, 11, a tract 110 ft. by 150 ft. (Et. al.) acres, more or less, being land purchased
from Div. and Company by deed dated May 21, 1973 recorded Deed Book 1011 page 1179

reserving to the said Lessor, its successors and assigns, all lands within two hundred feet of the residential buildings now on the premises on which no well shall be
drilled by either party without mutual consent.
This agreement shall remain in force for the term of one year from this date and as long thereafter as oil or gas, or
both of them, are produced from the said lands by the said Lessee, its successors and assigns.

In consideration of the Premises the said party of the second part, covenants and agrees: 1st—to deliver to the credit of the Lessee
their him or assigns, free of cost, in the pipe line to which Lessee may connect its wells, a royalty
the equal one eighth (1/8) part of all oil produced
and saved from the leased premises; and second, to pay each month thereafter while the oil & gas from said
well is marketed a royalty of

one-eighth (1/8) of the value at the well of the gas from each and every gas well drilled on said premises, the product from which is
marketed and sold off the premises, said gas to be measured at a meter set on the farm.
The Lessee shall not be required in any event to increase the rate of said gas well payments or said royalty of oil by reason of any
royalty or interest in said oil or gas that may have been heretofore sold, reserved or conveyed by Lessee or their predecessor in title or
otherwise. And any such outstanding royalty or interest shall first be deducted from the royalties and rentals above provided to be paid or
delivered.

It is agreed by the parties hereto that the Lessee, its successors or assigns, shall have the right to use off the farm for such purposes as
it may desire, "Casing Head Gas," (being gas produced from wells on the premises), but if said "casing head gas" or any part thereof should
be manufactured into gasoline or other by-product by said company, said Lessee shall receive a royalty of
one-eighth of the net value of the gasoline and other by-products so manufactured.

Lessee may lay a line to any well producing gas only on said land or to second party's pipe line leading from said well to market,
to take gas produced from said well for their own use for heat and light in one dwelling house on said land at Lessee's own risk,
subject to the use, operation, pumping and right of abandonment of the well and pipe line by the Lessee; the first one hundred thousand
cubic feet of gas so taken in each year shall be free, but all gas in excess of one hundred thousand cubic feet taken in each
year shall be paid for by the Lessee at the current published local rates of the Lessee, and measurement and regulation shall be by
meter and regulator set at the top of the well or line. This privilege is upon condition that the Lessee shall use said gas with economy,
in safe and proper pipes and appliances, and shall subscribe to and be bound by reasonable rules and regulations of the Lessee
published at such time relating to such use of gas.

Lessee covenants and agrees to locate all wells so as to interfere as little as possible with the cultivated portion of the farm. And it
is agreed that the leased premises may be fully and freely used by the Lessee for farming purposes, excepting such parts as are used by
the Lessee in operating hereunder; and, further, that the Lessee may drill or not drill on said land, so it may elect, and that the con-
sideration, and rentals paid and to be paid constitute adequate compensation for such privilege.

The said Lessee covenants and agrees to pay rental at the rate of ONE
(\$1) Dollars, quarterly in advance, beginning in three (3)
months from this date, until, but not after, a well yielding royalty to the Lessee is
drilled on the leased premises, and any rental paid for time beyond the date of completion of a gas well shall be credited upon the first
royalty due upon the same and all rentals shall cease after the surrender of this lease as hereinafter provided for. All payments for delay,
for gas produced and marketed, for gasoline and other by-products may be made direct to the lessors or be deposited in their credit, or to
the credit of their heirs or assigns in the

Bank of _____ or by check mailed to Richard K. & Betty Hursey
1228 East Pike Street Shinnston P. O. Harrison County
State of West Virginia such payments may be also made in the same manner to
N/A who is hereby appointed agent for the lessors to receive the same.

It is agreed that the Lessee is to have the privilege of using free, sufficient water and gas from the said premises to run all machinery
necessary for drilling and operating thereon at any time to remove all machinery and fixtures placed on said premises; and further,
upon the payment of one (\$1.00) Dollar at any time, by the party of the second part, or by its successors and assigns if or they shall have
the right to surrender this lease for cancellation, after which all payments and liabilities thereafter to accrue under and by virtue of its terms
shall cease and terminate, and this lease becomes absolutely null and void.

Lessee agrees that the execution of a deed of surrender in the proper county, and the mailing in the postoffice of a check, payable in
advance, provided, for said last mentioned sum and all accounts then due hereunder, shall be a full surrender and termination of this lease.
All provisions of this lease shall be binding upon the heirs, executors, administrators, successors and assigns of the parties hereto.
In Witness Whereof, the parties of this agreement have hereunto set their hands and seals the day and year first above written.

Witness _____
_____ (Seal)
_____ (Seal)
_____ (Seal)
_____ (Seal)
_____ (Seal)
_____ (Seal)

Richard K. Hursey (Seal)
Betty S. Hursey (Seal)
_____ (Seal)
_____ (Seal)
_____ (Seal)
_____ (Seal)

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DEPT. OF MINE
09 1982

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Office of Oil and Gas
MAY 03 2023
WV Department of
Environmental Protection

05/19/2023

Line Item Explanation

4703302860

A-7

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs; "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-11
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01; 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03; 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. 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: 12/4/19

By: [Signature] Its: _____

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4703302860

IV-35
(Rev 8-81)

Date January 12, 1983
Operator's
Well No. #1
Farm R. Hursey
API No. 47-033-2860

State of West Virginia
Department of Mines
Oil and Gas Division

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
(if "Gas," Production / Underground Storage / Deep / Shallow)

LOCATION: Elevation: 980 Watershed Mudlick
District: Clay County Harrison Quadrangle Shinnston

COMPANY Lincoln Production
ADDRESS Rt. 1, Box 87, Lumberport, WV
DESIGNATED AGENT Terring M. Weaver
ADDRESS PO. Box 2077, Clarksburg, WV
SURFACE OWNER Richard Hursey
ADDRESS 1228 E. Pike Street, Shinnston WV
MINERAL RIGHTS OWNER Richard Hursey
ADDRESS 1228 E. Pike St., shinnston, WV
OIL AND GAS INSPECTOR FOR THIS WORK Steve Casey
ADDRESS Rt. 2, Jane Lew, WV
PERMIT ISSUED 12-13-82
DRILLING COMMENCED 12-13-82
DRILLING COMPLETED 12-20-83

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size <u>20-16</u> Code			
<u>11 3/4</u>	<u>36</u>	<u>None</u>	<u>None</u>
<u>9 5/8</u>			
<u>8 5/8</u>	<u>1173</u>	<u>1173</u>	<u>To Surface</u>
<u>7</u>			
<u>5 1/2</u>			
<u>4 1/2</u>		<u>2571</u>	<u>280 Sks</u>
<u>3</u>			<u>1200-2571</u>
<u>2</u>			
Tubers used			

GEOLOGICAL TARGET FORMATION Balltown Depth 3250 feet
Depth of completed well 3562 feet Rotary / Cable Tools
Water strata depth: Fresh 30' feet; Salt 1090 feet
Coal seam depths: 243, 405 Is coal being mined in the area?

OPEN FLOW DATA
Producing formation: 4th & 5th Sands Pay zone depth 2344-2476 feet
Gas: Initial open flow show Mcf/d Oil: Initial open flow none Bbl/d
Final open flow 60 Mcf/d Final open flow show Bbl/d

Time of open flow between initial and final tests 4 hours
Static rock pressure 500 psig (surface measurement) after 48 hours shut in

(If applicable due to multiple completion--)
Second producing formation Pay zone depth
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

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Environmental Protection

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

12-27-82 1 stage N Assist
4TH & 5TH Sands, (2344-2476 perms, 16 holes, 3100 BRKD, 2950 AV, PSI., 640 T. BBLs, 67,000 T. Sand, 2000 ISIP)

NOTE 2: APPROVED

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Shale	g	s	0	10	H ₂ O at 30', 1090
Sand	w	h	10	20	Coals at 243, 405
Shale	g	s	20	70	
Sand	w	h	70	90	
Shale	g	s	90	243	
Coal	br	s	243	247	
Shale	g	s	247	405	
Sand & Sh	w	h	410	680	
Sand	w	h	680	720	- Gamma Ray Log Tops
Shale	g	s	720	780	Big Lime 1395
Sand	w	h	780	820	Big Injun 1445
Shale	g	s	820	865	50' 1980
Sand	w	h	865	1080	30' 2035
Shale	g	s	1080	1420	Gor 2075
Big Lime	br	h	1420	1445	4TH 2280
Sand	w	h	1445	1585	5TH 2430
Shale	g	s	1585	1990	Speechly 3030
Sand	w	h	1990	2380	Balltown 3255
Shale	g	s	2380	2435	
Sand	w	h	2435	2465	Show gas at 2445
Shale	g	s	2465	3255	
Siltstone	br	m	3255	3330	
Shale	g	s	3330	3562	Show gas at 3320
Total Depth				3562	

(Attach separate sheets as necessary)

Lincoln Production Company
Well Operator

By: Terrence M. Weaver
Date: February 8, 1983

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WV Department of
Environmental Protection

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

05/19/2023

cc-11
B-3

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

4703302860

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INSPECTOR'S WELL REPORT

Permit No. 33-2860

OIL & GAS DIVISION
DEPT. OF MINES
(KIND)

Company <u>Lincoln Production</u>	CASING AND TUBING SIZE	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	16			Kind of Packer _____
Farm <u>R. Hunsley</u>	12			Size of _____
Well No. <u>1</u>	10			Depth set _____
District <u>Clay</u> County <u>Harrison</u>	8 3/4			Perf. top _____
Drilling commenced _____	6 3/4			Perf. bottom _____
Drilling completed _____ Total depth _____	5 3/16			Perf. top _____
Date shot _____ Depth of shot _____	3			Perf. bottom _____
Initial open flow _____ /10ths Water in _____ Inch	2			Liners Used _____
Open flow after tubing _____ /10ths Merc. in _____ Inch				Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Block pressure _____ lbs _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: post failure to abate notice at well

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MAY 03 2023
WV Department of Environmental Protection

7-29-83
DATE

Steve Craig
DISTRICT WELL INSPECTOR
05/19/2023

B-5

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

4703302860

INSPECTOR'S WELL REPORT

Permit No. 33-2860

Oil or Gas Well
(KIND)

Company Lincoln Pro.
 Address _____
 Farm R. Hursey
 Well No Hursey 1
 District Clay County Hans.
 Drilling commenced 12-13-82
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs _____ hrs.
 Oil _____ bbls. 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8 3/4			
6 3/4			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names Stewart 1

Remarks: dr. at 150' Met with Sherrinston city officials about landowner complaints. (mostly about noise)

12-14-82
DATE

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DEC 20 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Steve Casey
DISTRICT WELL INSPECTOR

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WV Department of Environmental Protection

05/19/2023

B-6

00-11

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

4703302860

INSPECTOR'S WELL REPORT

INSPECTOR'S WELL REPORT

Permit No. 33-2860

Oil or Gas Well (KIND)

Company Lincoln Prods
 Address _____
 Farm Hursey
 Well No. 1
 District Clay County Harr.
 Drilling commenced 12-13-82
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water 30' feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LI. T. IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8 1/2			
6 1/2			Depth set
5 3/16			
3"			Perf. top
2"			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY

COAL WAS ENCOUNTERED AT 240 FEET 36 INCHES

405 FEET 60 INCHES FEET INCHES

FEET INCHES FEET INCHES

Drillers' Names

Stewart

Remarks:

AM del. at 872'

PM del. at 1075'

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DEC 20 1982

OIL AND GAS DIVISION WV DEPARTMENT OF MINES

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MAY 03 2003

WV Dept. of Environmental Protection

12-15-82

DATE

Steve Casey

DISTRICT WELL INSPECTOR

05/19/2023

B-1

00-11

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

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 33-2860

Oil or Gas Well
(KIND)

Company Lincoln Pro.

Address _____

Farm Hussey

Well No. _____

District Clay County Harrison

Drilling commenced _____

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls. 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer
16			
13			Size of
10			
8 3/4			Depth set
6 3/4			
5 3/16			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Stewart

Remarks: TD. 10 3/8 hole 1200' pulling drill pipe to run 8 3/8' drill pipe hung at 75'

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WV Department of
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12-16-82

DATE

Steve Casper

DISTRICT WELL INSPECTOR
05/19/2023

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OIL & GAS DIVISION
DEPT. OF MINES

4703302860

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
April 11, 1984

COMPANY Lincoln Production Co.

PERMIT NO 033-2860

Route 1, Box 87

FARM & WELL NO Richard Hursey

Lumberport, West Virginia 26386

DIST. & COUNTY Clay/Harrison

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work		
25.04	Prepared before Drilling to Prevent Waste		
25.03	High-Pressure Drilling		
16.01	Required Permits at Well site		
15.03	Adequate Fresh Water Casing		
15.02	Adequate Coal Casing		
15.01	Adequate Production Casing		
15.04	Adequate Cement Strength		
15.05	Cement Type		
23.02	Maintained Access Roads		
25.01	Necessary Equipment to Prevent Waste		
23.04	Reclaimed Drilling Pits		
23.05	No Surface or Underground Pollution		
23.07	Requirements for Production & Gathering Pipelines		
16.01	Well Records on Site		
16.02	Well Records Filed		
7.05	Identification Markings		

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Steve Casey

DATE 6-1-84

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. ...
Administrator-Oil & Gas Division

June 7, 1984

DATE

MAY 03 1984

WV Department of
Environmental Protection

05/19/2023

TMS/rl



May 2, 2023

Richard Hursey
P.O. Box 9
Shinnston, WV 26431

Dear Mr. Hursey:

RE: Plugging permit modification for Class L cement
Plugging Applications- Betty Hursey #1
API# 47-033-02860)
CEC Project No. 324-513

According to public record, you are the land and coal owner of the parcel described formally as:

Parcel Description: HURSEY, RICHARD K.
ID: 17-06-1005-0258-0000
DESC: 1 LOT 2.78937 AS LONG HTS ADD REV 1 & O&G
(LINCOLN/NOVA- API#2860)

On behalf of Coastal Drilling East, LLC., Civil & Environmental Consultants, Inc. has submitted permits to permanently plug well API #47-033-02860 (Betty Hursey #1) on the above listed property and now intends to modify permits to allow for the use of Class L cement in place of Class A due to manufacturing shortage. Enclosed you will find the proposed modifications to the plugging work orders and a copy of the approved variance authorization the use of Class L in this manner.

As the landowner of the affected parcel, you are entitled to submit comments to these modifications of the existing permits. If you choose to waive this right, please sign and return the enclosed surface owner waiver.

If you have any questions regarding this modification request, please contact me at (304) 629-6309.

Respectfully,
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.


Eddie Carder
Senior Project Manager


Brittany Hedrick
Project Manager I

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Office of Oil and Gas
MAY 03 2023
WV Department of
Environmental Protection

REMEDIATION AND/OR PLUGGING WORK PLAN

Lincoln Production Harrison County, WV District, Clay API # 47-033-02860
 BY: Hunter Deremer DATE: 04/11/23

CURRENT STATUS:

Elevation @ 980'
 TD: 2575' (Plugged back from 3562' to 2575')
 Drilled in 1983
 8 5/8" csg 1173' (Cemented to Surface)
 4 1/2" csg 2571' (Cemented 2571' - 1200')
 Gas @ 2445' and 3320'
 Coal @ 243' and 405'
 Water @ 30' and 1090'

1. Notify State Inspector, **Ken Greynolds 304-206-6613**, 48 hours prior to commencing operations.
2. Conduct Tailgate Safety Meeting. Complete JSA's as required.
3. Check pressures on all casing with a gauge. Blow down well into a grounded tank with secure line.
4. MIRU. Begin plugging and abandonment operations, Load 4 1/2" casing with fresh water. Check TD w/wireline. Notify WV OGO inspector.
5. RU Wireline. Run CBL on 4 1/2" casing from 2571' - surface. Determine free point on 4 1/2" casing.
6. TIH w. tubing to 2575'. Pump Class L cement plug from 2575' to 1200'. TOO H w. tubing. WOC. Tag TOC.
7. Cut 4 1/2" csg. At free point and TOO H with casing.
8. RU Wireline. Run CBL on 8 5/8" casing from 1173' - surface. Determine free point on 8 5/8" casing.
9. Notify OGO inspector and discuss cut/perforation schedule for 8 5/8" Casing.
10. TIH w. tubing to 1200'. Pump Class L cement plug from 1200' - Surface. TOO H w. tubing. WOC. Tag TOC
11. Top off well to surface with solid cement as needed.
12. Erect monument with API#, date plugged, and company name,
13. Reclaim location and road to WV-DEP specifications.

*6% Gel Spacers may be omitted and replaced with Class L cement plugs.

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 Office of Oil and Gas
 MAY 03 2023
 WV Department of
 Environmental Protection

WW-4B

4703302860

API No. 47-033-02860

Farm Name _____

Well No. 1

**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 03 2023
WV Department of
Environmental Protection

05/19/2023

SURFACE OWNER WAIVER

4703302860

Operator's Well
Number

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..."

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,
Office of Oil and Gas**

RECEIVED
MAY 03 2023

Signature

Date

Name
By
Its

Signature

Date
WV Department of
Environmental Protection

05/19/2023



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

Plugging permits issued for 4703300168 03302860

1 message

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

Mon, May 15, 2023 at 11:04 AM

To: Henry J Harmon <henry.j.harmon@wv.gov>, Kenneth L Greynolds <kenneth.l.greynolds@wv.gov>, rromano2@harrisoncountywv.com, MYearsley@shaftdrillers.com


To whom it may concern plugging permits have been issued for 4703300168 03302860.

James Kennedy

WVDEP OOG

2 attachments

 **4703300168.pdf**
2238K

 **4703302860.pdf**
3686K

05/19/2023