



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

Wednesday, May 17, 2023
WELL WORK PERMIT
Vertical / Re-Work

DANNY E. WEBB CONSTRUCTION, INC.
PO BOX 267

LOCHGELLY, WV 25866

Re: Permit approval for NORTH HILLS NO.1
47-019-00460-00-00

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.

Please be advised that form WR-35, Well Operators Report of Well Work 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: NORTH HILLS NO.1
Farm Name: NORTH HILLS GROUP
U.S. WELL NUMBER: 47-019-00460-00-00
Vertical Re-Work
Date Issued: 5/17/2023

Promoting a healthy environment.

05/19/2023

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. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code §22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
2. Pursuant to 35 CSR 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.
3. Pursuant to 35 CSR 4-19.1.c, if the operator is unable to sample and analyze any water well or spring with one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.
4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
5. 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.
6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and does not return to the surface, the oil and gas inspector shall be notified within twenty-four (24) hours
7. Well work activities shall not constitute a hazard to the safety of persons.
8. Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced on this well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov within 30 days of commencement of drilling.
9. 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.

WW - 2B
(Rev. 8/10)

4701900460W
ck no. 2217
\$ 550.00

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: Danny Webb Construction INC 2D01900460 Fayette New Haven Beckwith 7.5
.O.Box 267 Lochaelly WV 2586 Operator ID County District Quadrangle

2) Operator's Well Number: North Hills #1 3) Elevation: 1990

4) Well Type: (a) Oil _____ or Gas _____
(b) If Gas: Production _____ / Underground Storage UIC-Well
Deep _____ / Shallow _____

5) Proposed Target Formation(s): Weir Sandstone Proposed Target Depth: 2615-2700

6) Proposed Total Depth: 3260 Feet Formation at Proposed Total Depth: Sunbury Shale

7) Approximate fresh water strata depths: 60, 180

8) Approximate salt water depths: 1022

9) Approximate coal seam depths: 645

10) Approximate void depths, (coal, Karst, other): 645

11) Does land contain coal seams tributary to active mine? no

12) Describe proposed well work and fracturing methods in detail (attach additional sheets if needed)

The well work will be a squeeze job from 2150 feet at the top to 2550 feet to the bottom. There will be a elog on this well from a wire line crew.

Upon completion of the squeeze job the packer will be reset at 2575 feet. A MIT test will be administered to be in compliance and there will be no fracturing methods on this project.

Danny Webb
5-17-23

13) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE For Drilling	INTERVALS Left in Well	CEMENT Fill -up (Cu. Ft.)
	Size	Grade	Weight per ft			
Conductor	13 3/8	H-40	52	145	145	130
Fresh Water	9 5/8	K-55	36	648	648	247
Coal						
Intermediate	7	K-55	29	1853	1853	215
Production	4 1/2	K-55	11.6	3248	3248	94
Tubing	2 3/8	K-55	4.7	2571	2571	
Liners						

Packers: Kind: Compressor
Sizes: 2 3/8 x 4
Depths Set 2571

05/19/2023

APPENDIX A

Injection Well Form

1) GEOLOGIC TARGET FORMATION		Weir Sandstone	
Depth	<u>2615</u>	Feet (top)	<u>2700</u>
		Feet (bottom)	<u>3248</u>
2) Estimated Depth of Completed Well, (or actual depth of existing well):		<u>3248</u> Feet	
3) Approximate water strata depths:		Fresh	<u>60, 180</u> Feet
		Salt	<u> </u> Feet
4) Approximate coal seam depths:		<u>700'</u>	
5) Is coal being mined in the area?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
6) Virgin reservoir pressure in target formation		<u>725</u> psig	Source <u>State Completion Reports</u>
7) Estimated reservoir fracture pressure		<u>2586</u>	psig (BHFP)
8) MAXIMUM PROPOSED INJECTION OPERATIONS:			
Injection rate (bbl/hour)	<u>120</u>		
Injection volume (bbl/day)	<u>2880</u>		
Injection pressure (psig)	<u>790</u>		
Bottom hole pressure (psig)	<u>2109</u>		
9) DETAILED IDENTIFICATION OF MATERIALS TO BE INJECTED, INCLUDING ADDITIVES:			
Oil and Gas fluids (produced fluids and flowback) corrosion inhibitor, bacteria control, HCl sticks			
Temperature of injected fluid: (°F)		<u>Ambient temperature</u>	
10) FILTERS (IF ANY)			
The facility utilizes 4 different filtration units: 200-micron filter unit, 100-micron type filter unit, 25-micron filter unit and a 5-micron filter unit.			
11) SPECIFICATIONS FOR CATHODIC PROTECTION AND OTHER CORROSION CONTROL			
Corrosion inhibitor is used for corrosion protection.			

APPENDIX A (cont.)**12. Casing and Tubing Program**

TYPE	Size	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling	INTERVALS: Left in Well	CEMENT: Fill-up (Cu. Ft.)
Conductor	13 3/8		H-40	52	145	145	130
Fresh Water	9 5/8		K-55	36	648	648	247
Coal							
Intermediate 1	7		K-55	29	1853	1853	215
Intermediate 2							
Production	4 1/2		K-55	11.6	3248	3248	94
Tubing	2 3/8		K-55	4.7	2571	2571	
Liners							

TYPE	Wellbore Diameter	Casing Size	Wall Thickness	Burst Pressure	Cement Type	Cement Yield (cu. ft./sk)	Cement to Surface ? (Y or N)
Conductor		13 3/8	.330	1730			Y
Fresh Water		0 5/8	.352	3520			Y
Coal							
Intermediate 1		7	.317	4330			Y
Intermediate 2							
Production		4 1/2	.250	5850			N
Tubing	4	2 3/8	.190	7700			N/A
Liners							

PACKERS	Packer #1	Packer #2	Packer #3	Packer #4
Kind:	Compression			
Sizes:	2 3/8" x 4"			
Depths Set:	2571			

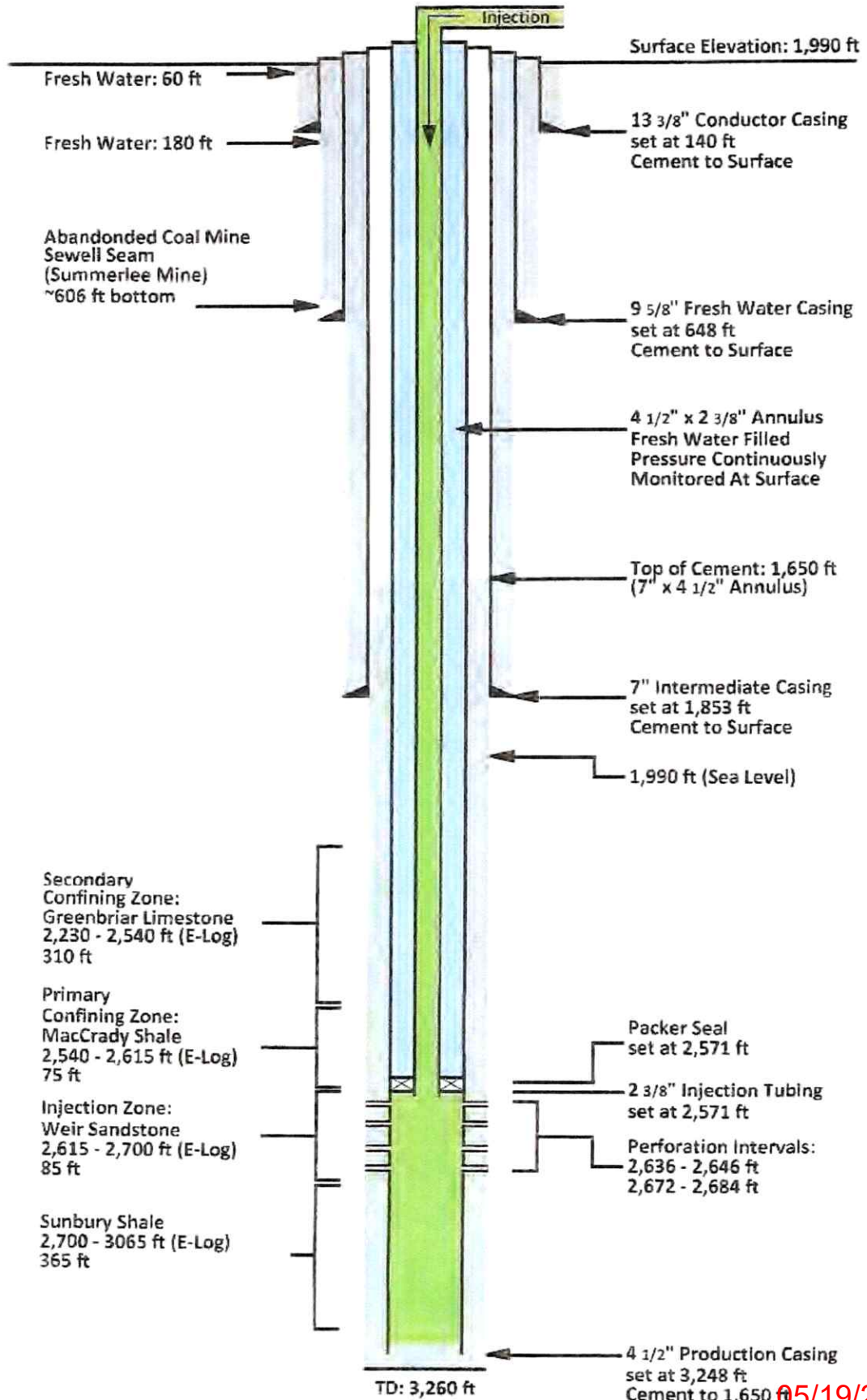
Well Bore Diagram

Danny Webb Construction, Inc.

North Hills No. 1
API 47-019-00460

UIC 2D01900460

(Well Completed: October 30, 1981
(Converted to Injection: May 20, 2000)



05/19/2023



Select County: (019) Fayette

Enter Permit #: 00460

Get Data Reset

Select datatypes: (Check All)

- Location
- Production
- Owner/Completion
- Stratigraphy
- Pay/ShowWater
- Logs
- Sample
- Btm Hole Loc

Table Descriptions
 County Code Translations
 Permit-Numbering Series
 Lease Notes
 Contact Information
 Disclaimer
 WVGES Main
 Pipeline-Plus

WV Geological & Economic Survey

Well: County = 19 Permit = 00460 [Link to all digital records for well](#)

Report Time: Tuesday, May 16, 2023 10:01:35 AM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX DISTRICT	QUAD	75 QUAD	15 LAT	DD	15 LON	DD	UTME	UTMN
4701900460	Fayette	460	Plateau	Bearcwh	Fayetteville	38.014934	-81.152326	486528.9	4207483.9		

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP DT	SURFH	STATUS	SURFACE OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT	FM	TFM_EST_PR
4701900460	10/30/1981	Original Loc	Completed	North Hills Group			1		509465	North Hills Group	Arnoce Production Co.		3100	Beres Ss
4701900460	-/-	Worked Over	Completed	Danny Webb Construction						North Hills Group	Webb, Danny E Construction, Inc.			Weir

Completion Information:

API	CMP DT	SPUD DT	ELEV DATUM	FIELD	DEEPEST FM	DEEPEST_FMT	INITIAL CLASS	FINAL CLASS	TYPE	RIG	CMP METHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT	O_BEF	O_AFT	NGL_BEF	NGL_AFT	P_BEF	P_AFT
4701900460	10/30/1981	-/-	1990	Ground Level	Unnamed	Udew undf/BerLohJRN	Beres Ss	Output (Extension)	Well Gas	Rolan	Acid-Free	3280	3280			0	360	0	0	0	0	0	0
4701900460	-/-	-/-	2014	Ground Level	Unnamed	Udew undf/BerLohJRN	Weir	Services Well	Salt Water Disp	unknown	unknown					0							

Comment: -/- Commercial disposal well

Pay/ShowWater Information:

API	CMP DT	ACTIVITY	PRODUCT	SECTION	DEPTH	TOP	FM	TOP	DEPTH	BOT	FM	BOT	G_BEF	G_AFT	O_BEF	O_AFT	WATER_QNTY
4701900460	10/30/1981	Water	Fresh Water	Vertical													60
4701900460	10/30/1981	Water	Unknown Water	Vertical													180
4701900460	10/30/1981	Water	Unknown Water	Vertical													705
4701900460	10/30/1981	Water	Unknown Water	Vertical													1022
4701900460	10/30/1981	Pay	Gas	Vertical													2636
4701900460	10/30/1981	Pay	Gas	Vertical													2672
4701900460	-/-	Horizon	Injection	Vertical													2634
4701900460	-/-	Horizon	Injection	Vertical													2692

Production Gas Information: (Volumes in Mcf) * 2022 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANM_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4701900460	Arnoce Production Co.	1981	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Arnoce Production Co.	1982	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Arnoce Production Co.	1983	7,776	0	1,886	1,406	856	591	751	416	383	319	185	449	534
4701900460	Dannson Oil Corp.	1985	3,219	250	224	293	296	286	329	264	298	260	233	247	239
4701900460	Ross & Wharton Gas Co., Inc.	1988	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1989	122	0	0	0	31	0	0	30	0	0	0	0	31
4701900460	Ross & Wharton Gas Co., Inc.	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1990	1,289	0	0	0	0	0	0	444	0	0	436	0	409
4701900460	Ross & Wharton Gas Co., Inc.	1991	871	0	0	0	0	0	0	384	0	0	5	0	267
4701900460	Ross & Wharton Gas Co., Inc.	1992	1,023	0	0	0	0	0	0	0	0	0	449	0	574
4701900460	Ross & Wharton Gas Co., Inc.	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1994	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1995	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1997	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1999	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil. * 2022 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANM_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4701900460	Arnoce Production Co.	1981	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Arnoce Production Co.	1982	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Arnoce Production Co.	1983	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Dannson Oil Corp.	1985	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1988	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1990	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1991	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1994	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1995	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1997	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
4701900460	Ross & Wharton Gas Co., Inc.	1999	0	0	0	0	0	0	0	0	0	0	0	0	0

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

There is no Production Water data for this well

Stratigraphy Information:

API	SURFH	FM	FM_QUALITY	DEPTH	TOP	DEPTH	QUALITY	THICKNESS	THICKNESS	QUALITY	ELEV DATUM
4701900460	Original Loc	Ravencrill/Avis Ss	Well Record	1510	Reasonable	70	Reasonable	1984	Ground Level	1984	Ground Level
4701900460	Original Loc	Greenbrier Group	Well Record	2110	Reasonable	470	Reasonable	1984	Ground Level	1984	Ground Level

WW-2A
(Rev. 6-14)

1.) Date: 5/15/2023
2.) Operator's Well Number North Hills #1
State County Permit
3.) API Well No.: 47- Favette - 0460

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT**

4) Surface Owner(s) to be served: (a) Name Danny Webb Construction INC
Address PoBox 267
Lochaelly WV 25866
(b) Name _____
Address _____
(c) Name _____
Address _____
5) (a) Coal Operator Name _____
Address _____
(b) Coal Owner(s) with Declaration Name _____
Address NONE DECLARED
(c) Coal Lessee with Declaration Name _____
Address NONE DECLARED
6) Inspector Terry Urban
Address Po Bx 1207
Clendenin WV 25045
Telephone 304-549-5915

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

OR Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

CH Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through ___ on the above named parties by:

- CH Personal Service (Affidavit attached)
- CH Certified Mail (Postmarked postal receipt attached)
- CH Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

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, 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 and imprisonment.

Well Operator Danny Webb Construction INC
By: Chris Harman
Its: President
Address: P.O. Box 267 Lochaelly WV 25866
Telephone: 304-465-9448
Email: Dannywebbconstruction@aol.com

Subscribed and sworn before me this 16 day of May, 2023

Tara Lowel Notary Public
My Commission Expires 12-21-2025



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 depprivacyofficer@wv.gov

05/19/2023

WW-2A Surface Waiver
(4/16)

SURFACE OWNER WAIVER

County Fayette

Operator _____

Operator well number Northhills #1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (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 **FIFTEEN (15) 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.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

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 Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through ___ including a work order on Form WW2-B, a survey plat, WW-9, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

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.

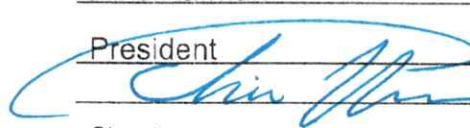
FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Signature

Date

Company Name Danny Webb Construction INC
By Chris Harman
Its _____

President  _____
Signature Date 5-16-23

Print Name

WW-2A Coal Waiver

COAL OPERATOR, OWNER, OR LESSEE WAIVER

N/A

County _____
Operator _____ Operator's Well Number _____

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

To the coal operator, owner, or lessee named on page WW2-A. You are hereby notified that any objection you wish to make or are required to make by WV Code 22-6-15, 16 or 17, must be filed with the Chief of the Office of Oil and Gas within fifteen (15) days after the receipt of this application by the Office. Mail objections to:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0499 extension 1654

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 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.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

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

Signature Date _____

Danny Webb Construction Co
P.O. Box 397
Abingdon VA 26212

May 16, 2023

To Whom It May Concern,

There is no Declaration of coal on the Property owned by Danny Webb Construction Inc.
Listed at 617 Towne Hollow Rd Lochgelly, West Virginia 25866. According to our deed we retain all rights to coal, oil, gas,
and other minerals Per the Office of Fayette County Clerk, Fayetteville, West Virginia 25840

Sincerely,



Chris Harman

05/19/2023

WW-2A1
(Rev. 1/11)

Operator's Well Number _____

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6, Section 8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
North Hills Inc	Danny Webb Construction INC	0	337/333

**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

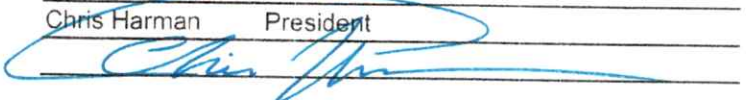
The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources
- WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: _____
By: Its: _____

Danny Webb Construction INC
Chris Harman President



05/19/2023

WW-2B1
(5-12)

Well No. _____

West Virginia Department of Environmental Protection
Office of Oil and Gas

N/A

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

Be advised, you have the right to sample and analyze any water supply at your own expense.

Listed below is the laboratory chosen by operator to perform analysis, and contactor chosen to collect sample.

Certified Laboratory Name _____
Sampling Contractor _____

Well Operator _____
Address _____

Telephone _____

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site, the Chief may require the operator to test wells up to 2000 feet from the proposed site.

WW-9
(5/16)

API Number 47 - 019 - 0460
Operator's Well No. Northhills #1

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

Operator Name Danny Webb Construction INC OP Code _____

Watershed (HUC 10) _____ Quadrangle _____

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: Fresh Water

Will a synthetic liner be used in the pit? Yes No If so, what ml.? 14

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number 2D01900460)
- 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: _____

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

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

Additives to be used in drilling medium? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Injection

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

-Landfill or offsite name permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature Chris Harman

Company Official (Typed Name) Chris Harman

Company Official Title President

Subscribed and sworn before me this 16 day of May, 20 23

Tara R. Lowe Notary Public

My commission expires 12-21-2025



Proposed Revegetation Treatment: Acres Disturbed less than 1/500 Prevegetation pH _____

Line _____ Tons/acre or to correct to pH _____

Fertilizer type _____

Fertilizer amount _____ lbs/acre

Mulch _____ Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type lbs/acre

Seed Type lbs/acre

Gravel

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:

[Handwritten Signature]

Comments:

Title:

Inspector D. G. Cas

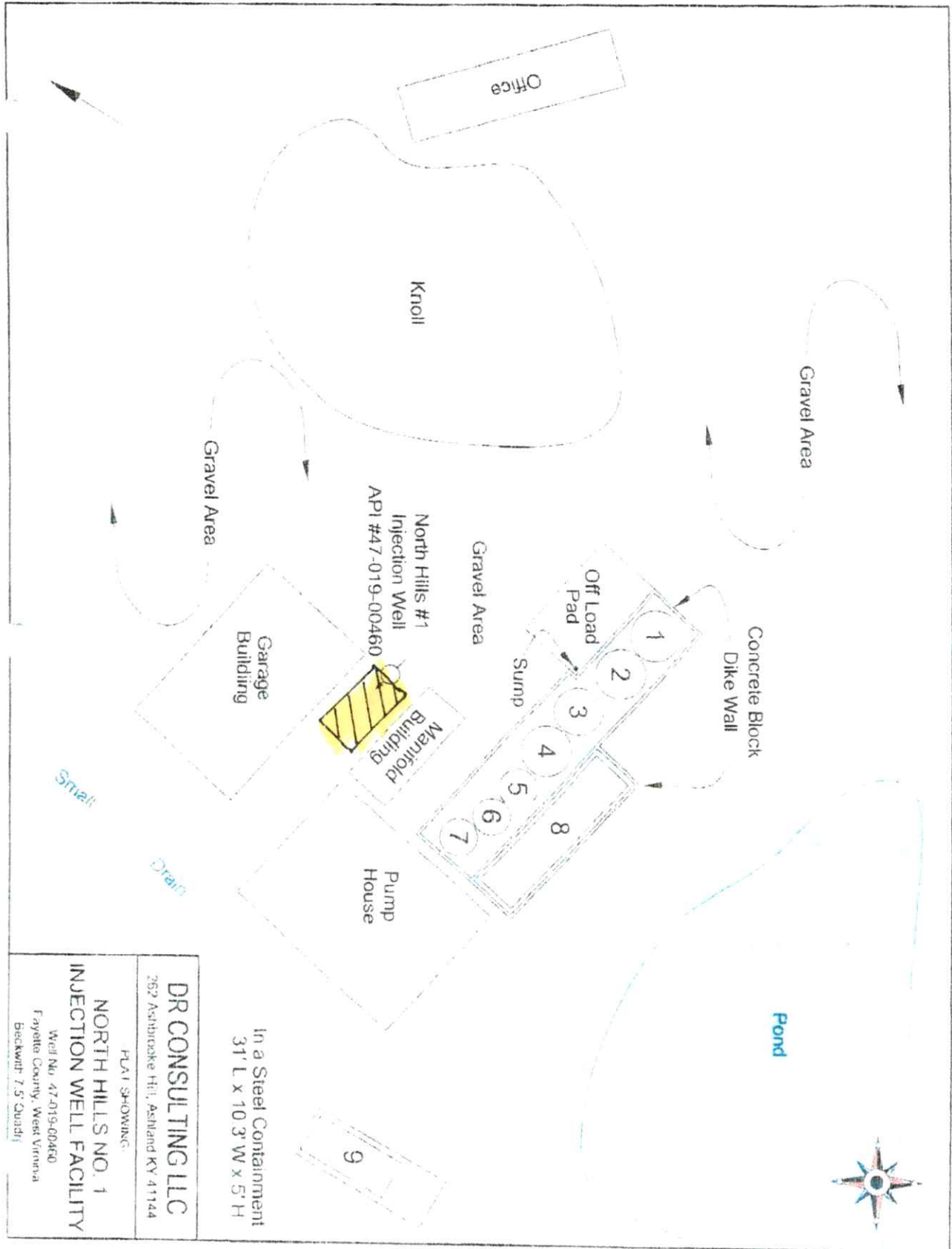
Date:

5-17-23

Field Reviewed?

() Yes


() No



DR CONSULTING LLC
 2627 Ashbrooke Hill, Ashland KY 41124
 PLAN SHOWING:
 NORTH HILLS NO. 1
 INJECTION WELL FACILITY
 Well No. 47-019-00460
 Fayette County, West Virginia
 Backsight 7.5' Quad

In a Steel Containment
 31' L x 10.3' W x 5' H

Key:

Pit Area: 

Notes:

Pit Depth 3'

Pit Area Dimension: 5' X 10'

05/19/2023

Oil&Gas

Wells, Horizontal Only

WellStatus

- ☀ Active Well
- ☀ Permit Issued
- ☀ Permit Application
- ☀ Plugged

Wells, Active Status Only

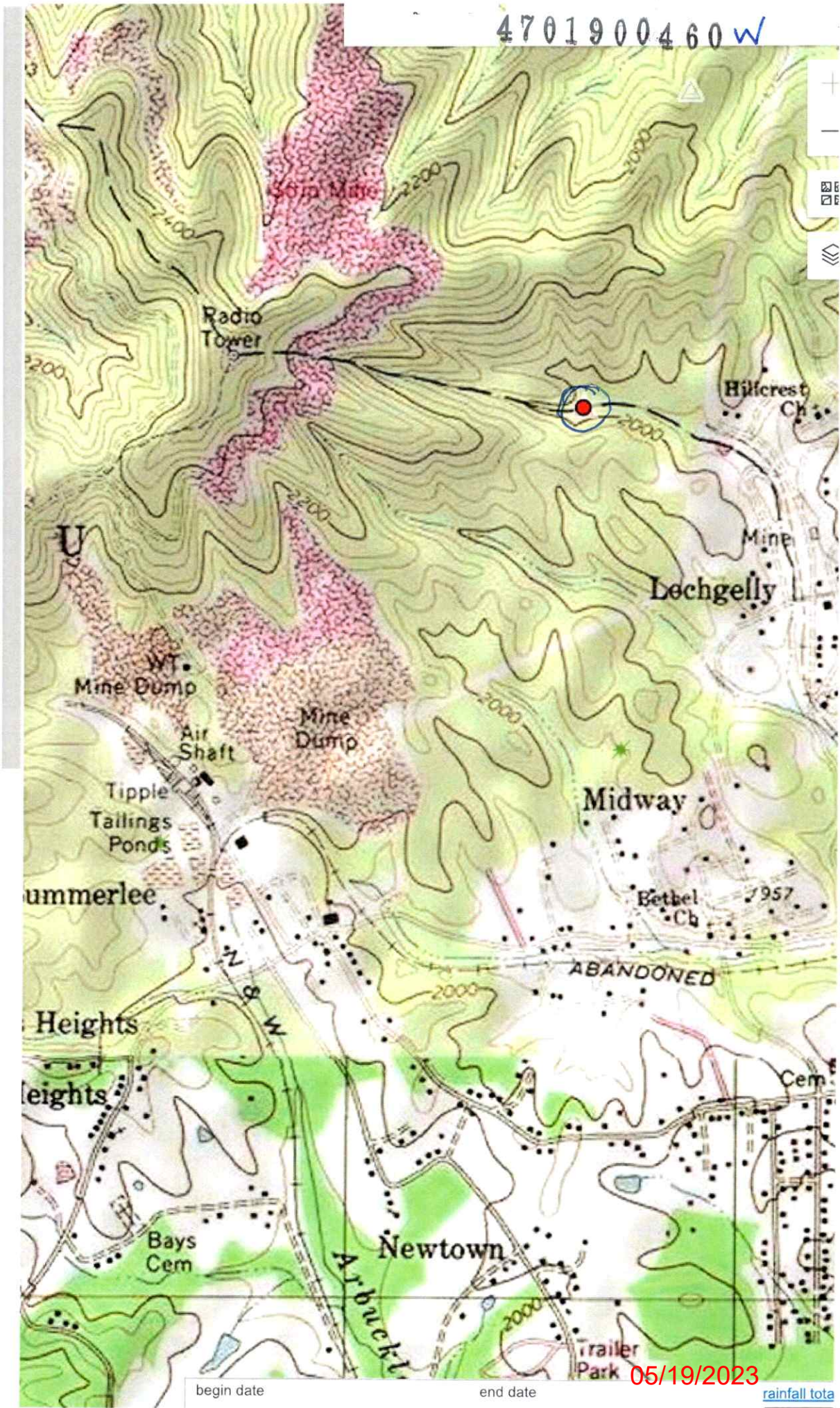
WellUse

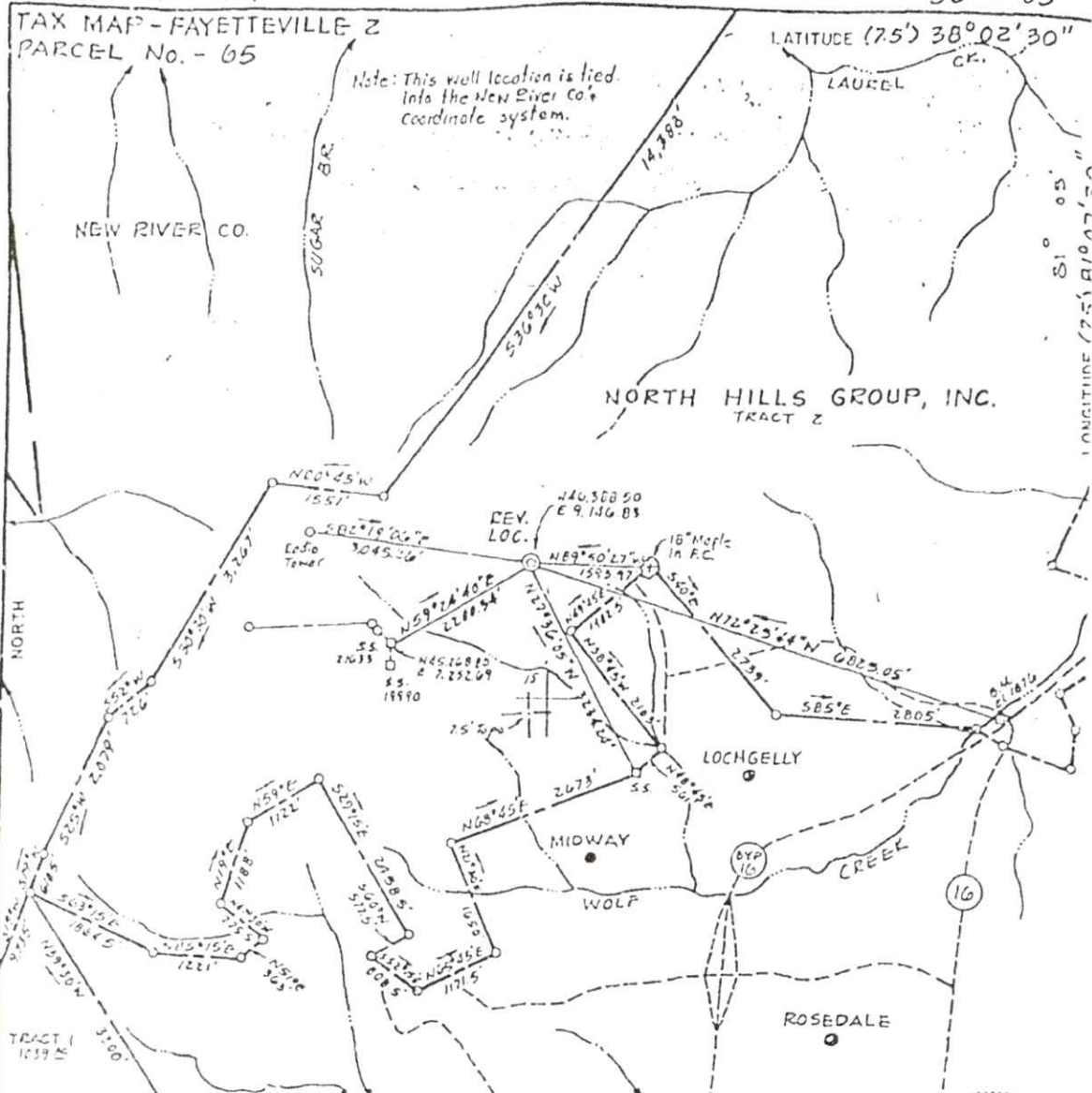
- △ Brine Disposal
- ⊗ Fluid Injection
- ☀ Gas Production
- House Gas
- Observation
- Oil Production
- ☀ Production
- ▲ Solution Mining
- ◆ Storage
- Vent
- <all other values>

Wells, Other than Active Status

WellUse

- Brine Disposal
- ⊗ Fluid Injection
- Gas Production
- House Gas
- Observation
- Oil Production
- Production





FILE NO. W77-26 W.O. 373
 DRAWING NO. D-252 REV.
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1/2,000'
 PROVEN SOURCE OF ELEVATION U.S. B.M. No. 19WPA
Shannon horizon

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. WEST VIRGINIA SURVEYING & MAPPING (SIGNED) L. G. Sturgill R.P.E. _____ L.L.S. _____



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



Department of Mines
 Oil & Gas Division

DATE MAY 5, 1981
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-019-0460
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X)
 LOCATION: ELEVATION 1983.53 WATER SHED WOLF CREEK OF NEW RIVER
 DISTRICT PLATEAU COUNTY FAYETTE
 QUADRANGLE 7.5' BECKWITH / 15' FAYETTEVILLE
 SURFACE OWNER NORTH HILLS GROUP, INC. ACREAGE 2.28165
 OIL & GAS RO. ALTY OWNER NORTH HILLS GROUP, INC. LEASE ACREAGE 3024
 LEASE NO. 509460
 PROPOSED WORK: DRILL X 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 BEREA ESTIMATED DEPTH 3100

WW-7
8-30-06



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

API: 47-019-00460 WELL NO.: 1

FARM NAME: North Hills

RESPONSIBLE PARTY NAME: Danny Webb Construction INC

COUNTY: Fayette DISTRICT: New Haven

QUADRANGLE: Beckwith 7.5

SURFACE OWNER: Danny Webb Construction INC

ROYALTY OWNER: Danny Webb Construction INC

UTM GPS NORTHING: 4207482 38° 00' 54" N
81° 09' 07" W

UTM GPS EASTING: 486627 GPS ELEVATION: 2,053.81 ft.

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters. Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum: 3.05 meters
3. Data Collection Method:
Survey grade GPS : Post Processed Differential
Real-Time Differential
Mapping Grade GPS : Post Processed Differential
Real-Time Differential

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas


Signature

President
Title

5-16-23
Date


NORTH HILLS NO. 1

Api No. 47-019-00460

#101900460



Legend

-  17 S 486641 4207507

05/19/2023



470 9900460



GAMMA RAY/CCL/BOND/DVDL

Company: SELCO SERVICE
 Well: NORTH HILL GROUP #1
 Field: NORTH FIELD
 County: FAYETTE
 State: WV

Company: SELCO SERVICE
 Well: NORTH HILL GROUP #1
 Field: NORTH FIELD
 County: FAYETTE
 State: WV

Location: API #: _____

SEC: _____ TWP: _____ RGE: _____

Permanent Datum: _____ Ground Level: _____ Elevation: _____
 Log Measured From: _____ Top of Casing: _____
 Drilling Measured From: K.B. _____

Other Services: _____

Log Number	5-16-2023	One		
Log Driller				
Log Logger				
Bottom Logged Interval	2650'			
Top Logged Interval	1300'			
Log Interval	GR/CCL/BOND/DVL			
Log	BRINE			
Fluid	SURFACE			
Level				
Estimated Cement Top				
Well Ready				
Logger On Bottom	230			
Equipment Number	CAMBRIDGE			
Location	STEVE / JASON			
Recorded By	STEVE			
Checked By				
Bit				
From				
To				
Size				
Weight				
From				
To				
Top				
Bottom				

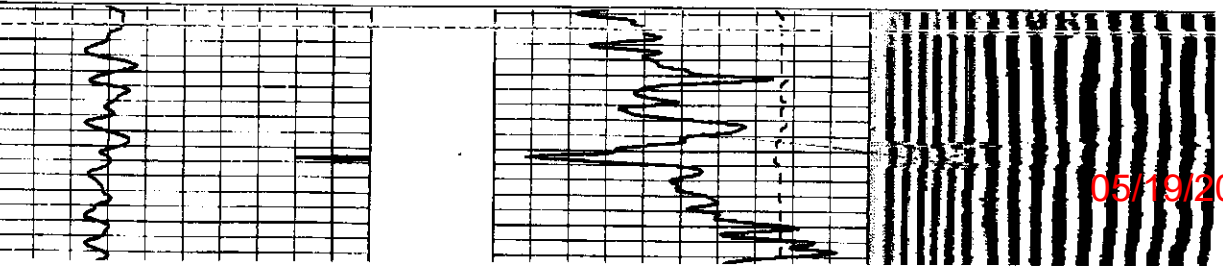
<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. The interpretations are also subject to our general terms and conditions set out in our current Price Schedule

Shot Specifications	Shooting Record			
Jet Perforator	Shot From	To	With	Holes
Type of Carrier	Shot From	To	With	Holes
Gun O.D. Size	Shot From	To	With	Holes
Charge Case Material	Shot From	To	With	Holes
Charge Gram Weight	Shot From	To	With	Holes
Entry Hole Diameter	Shot From	To	With	Holes
Penetration Depth	Shot From	To	With	Holes
Total Number of Holes	Shot From	To	With	Holes

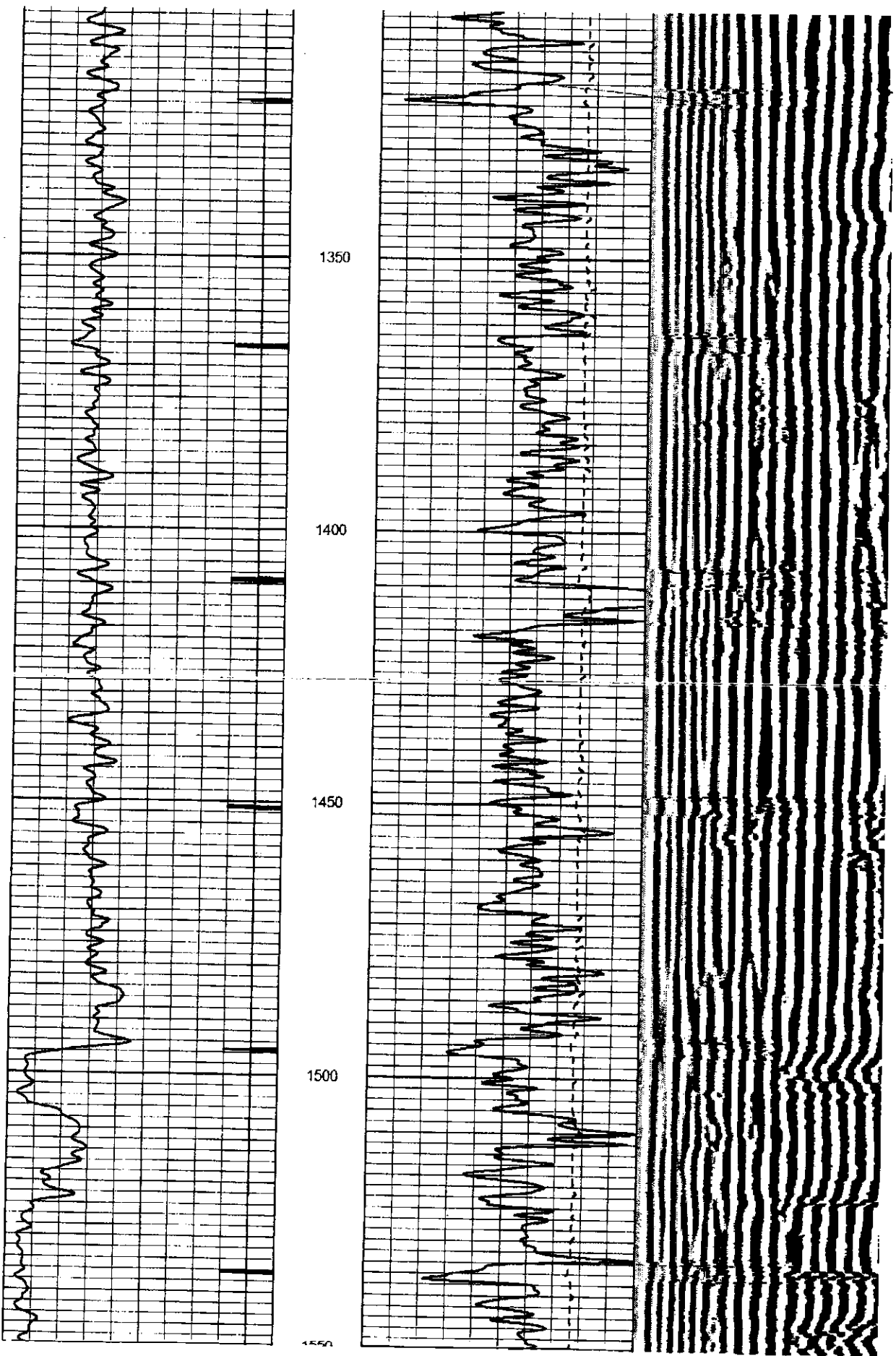
Database File: 5-16-2023north hill group#1 db
 Dataset Pathname: pass1
 Presentation Format: scbl_sr
 Dataset Creation: Tue May 16 11:26:53 2023 by Log Open-Cased 110302
 Charted by: Depth in Feet scaled 1:240

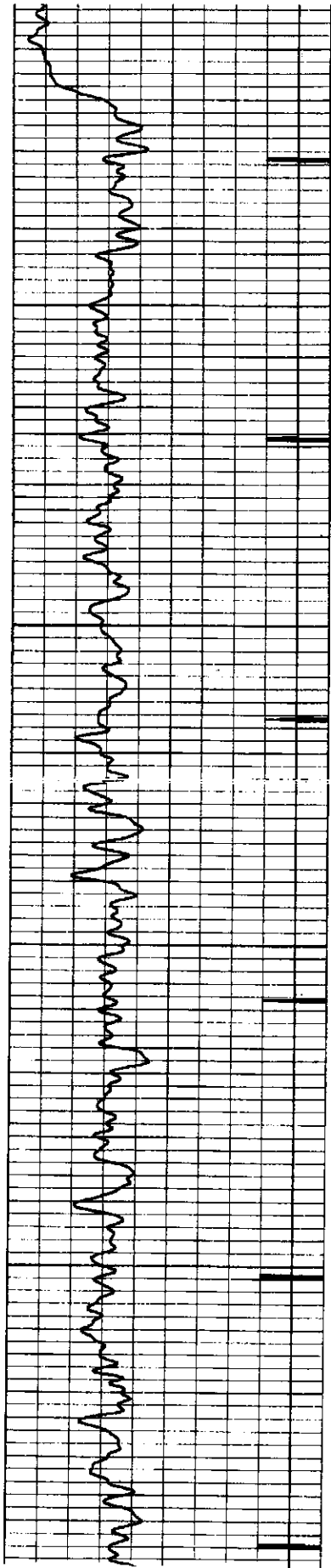
9	Collar Locator	-1	0	Amplitude (mV)	100	200	VDL	10
0	Gamma Ray (GAP)	200	1000	TT3ft (usec)	0			



05/19/2023

4701900460



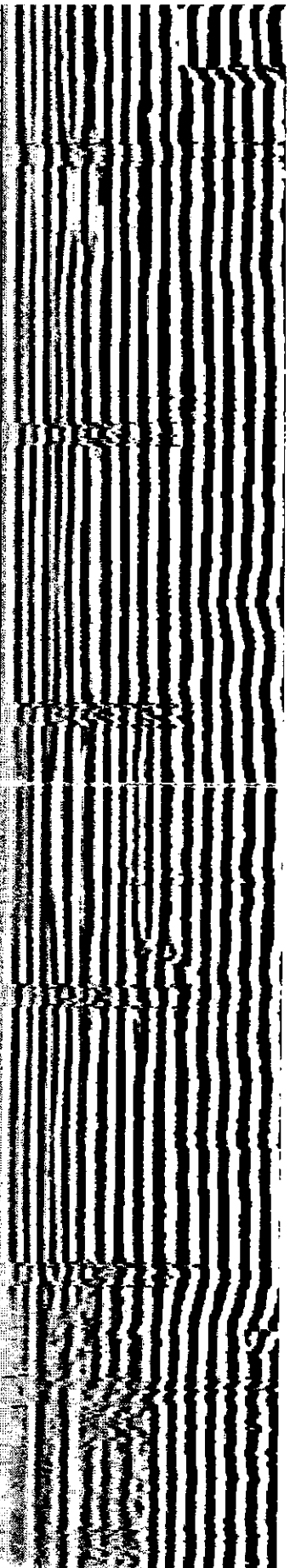
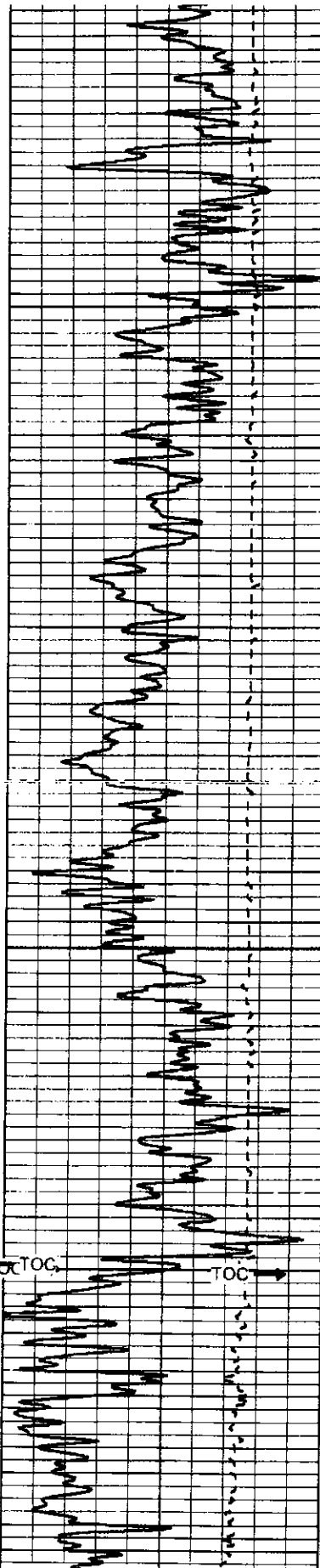


1600

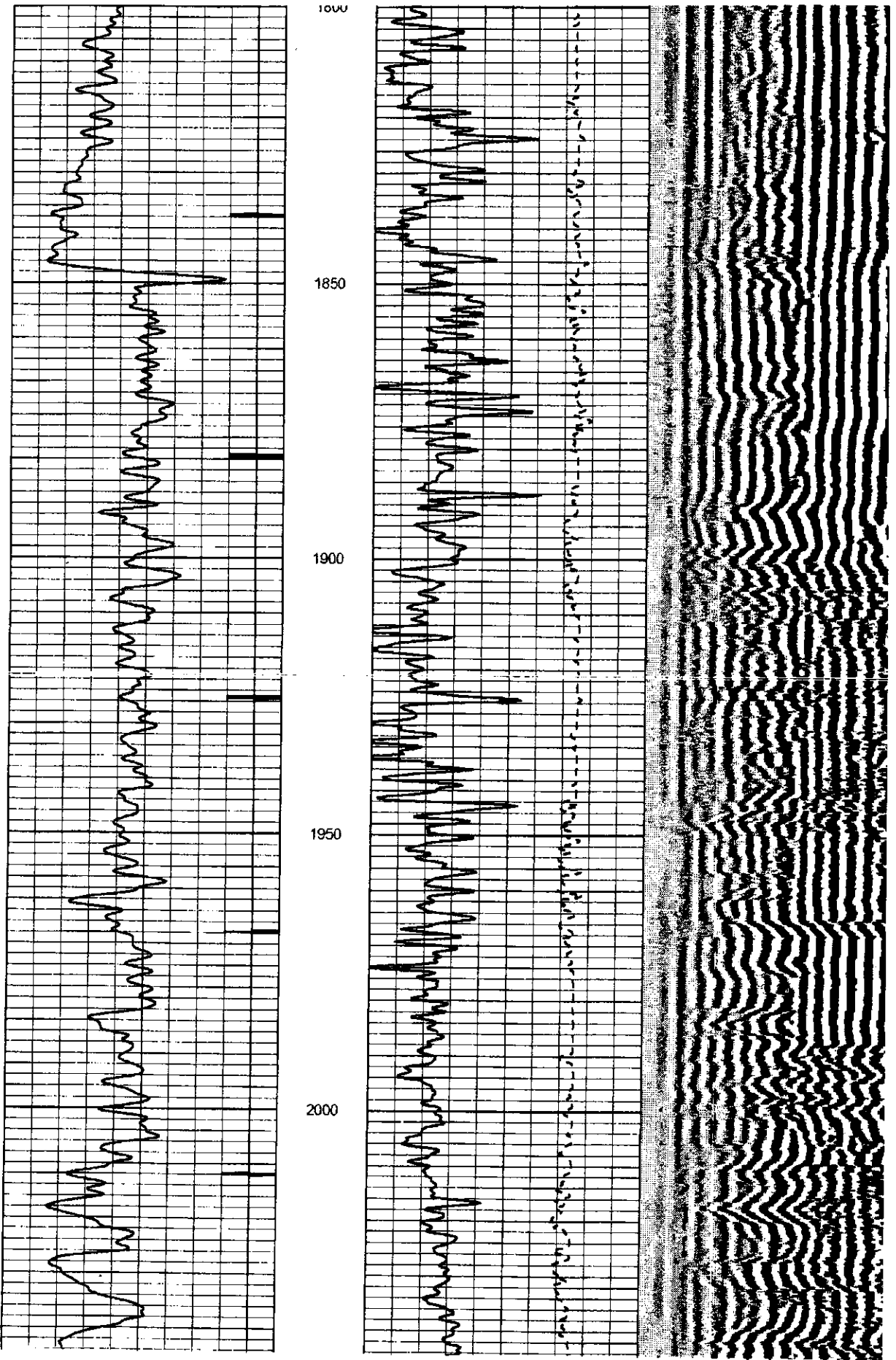
1650

1700

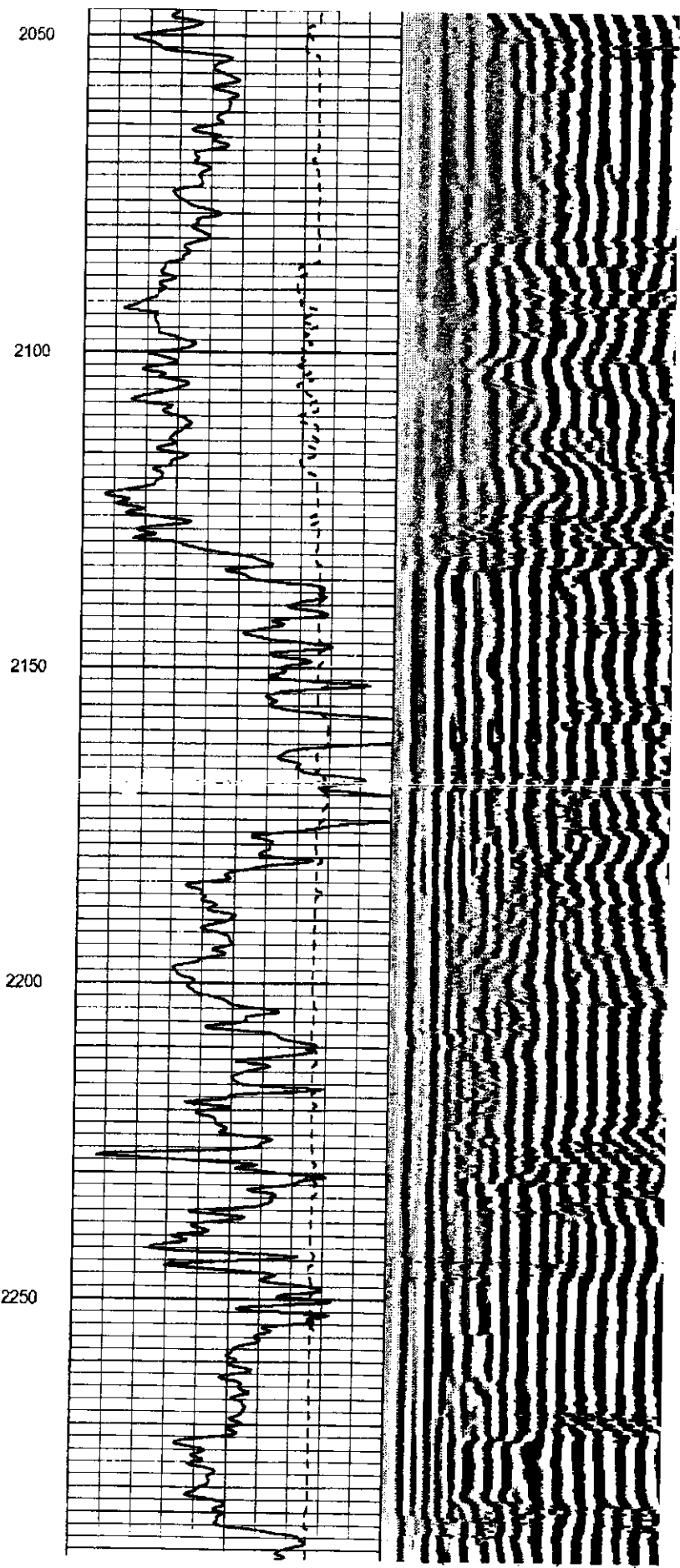
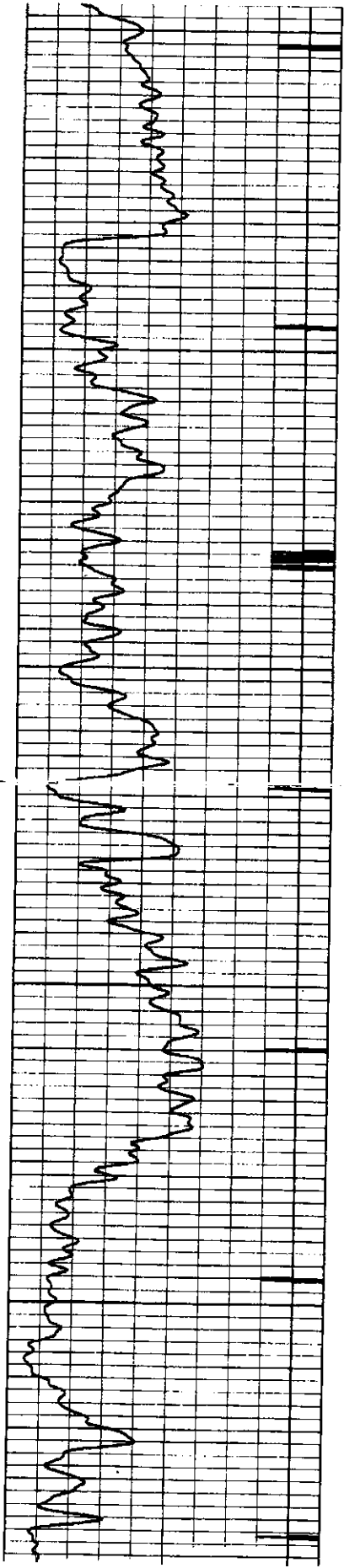
1750 TOCTOC



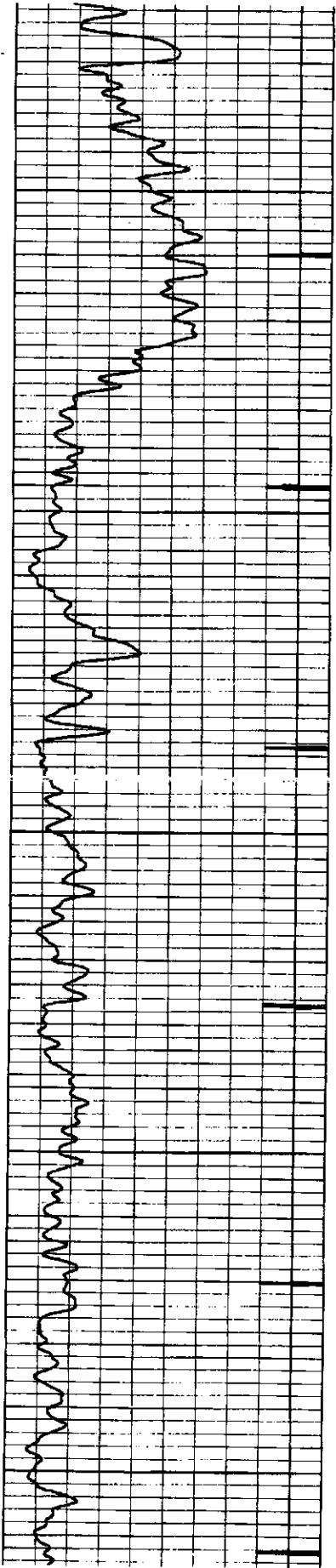
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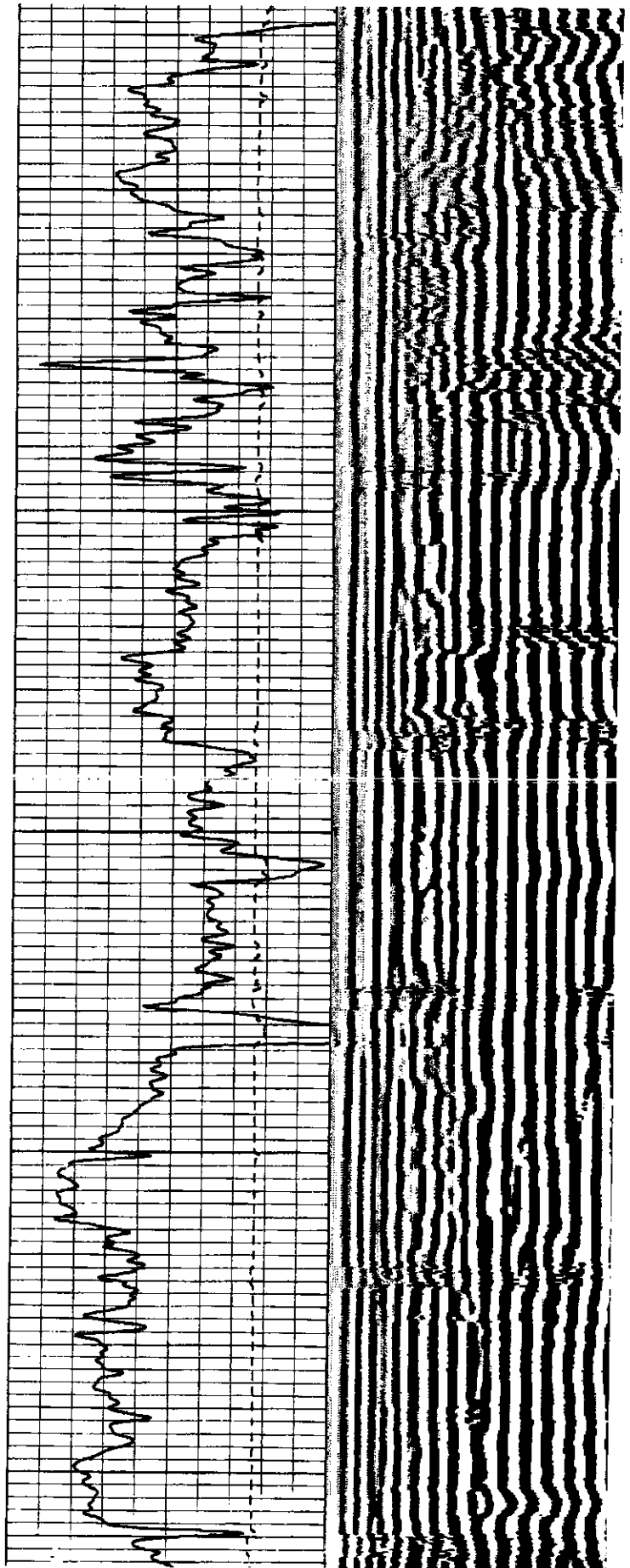
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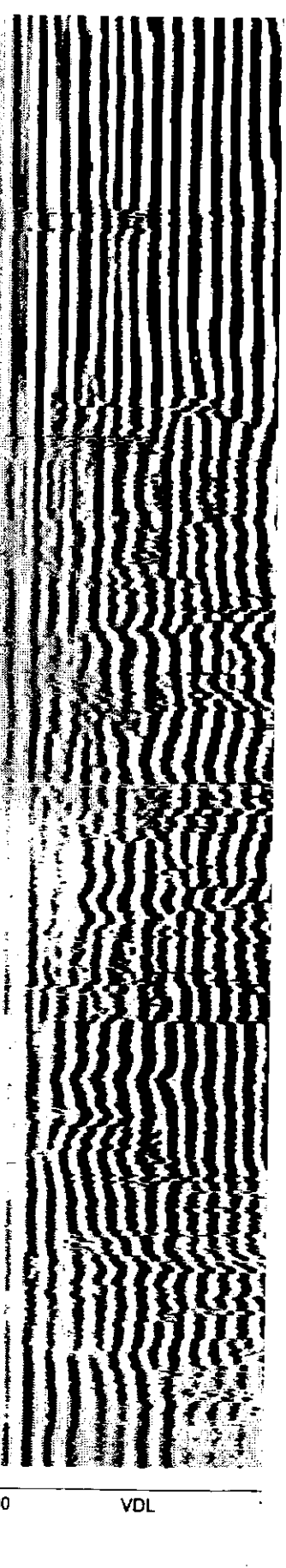
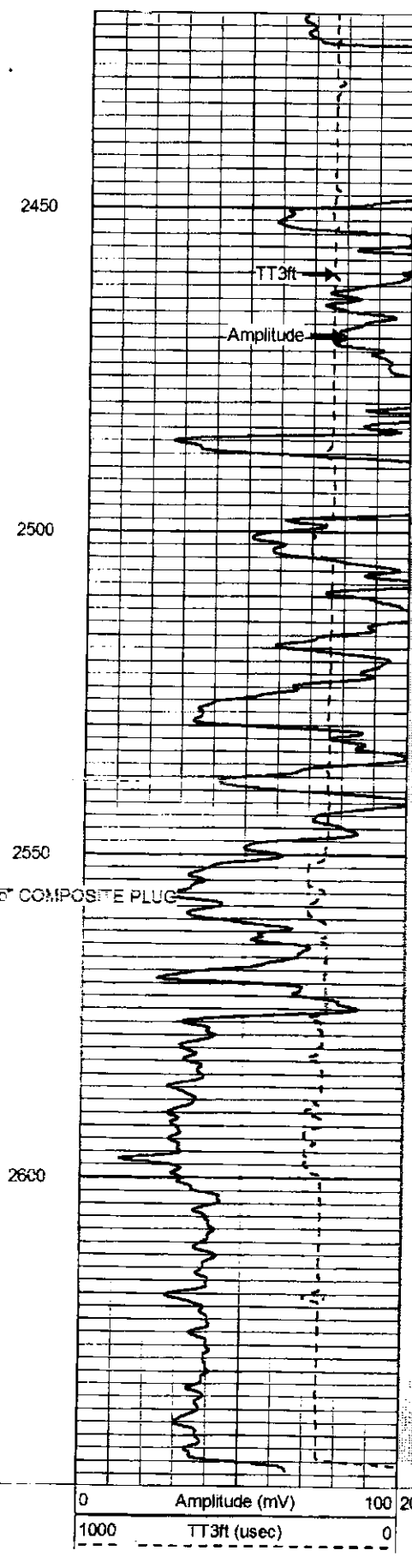
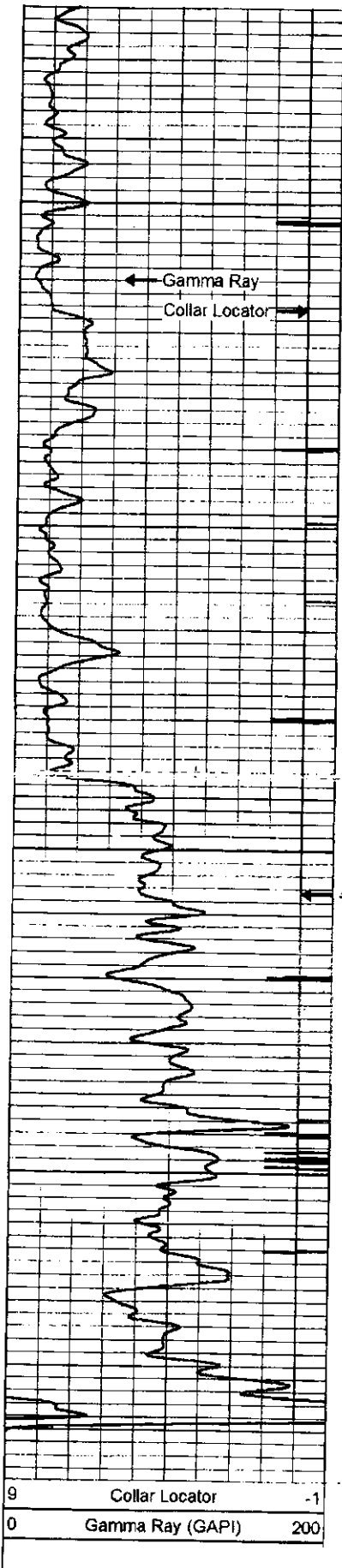
4701900460



2200
2250
2300
2350
2400



05/19/2023





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

Rework for 4701900460

1 message

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


Fri, May 19, 2023 at 9:29 AM

To: Charles T Brewer <charles.t.brewer@wv.gov>, Andrew L Lockwood <andrew.l.lockwood@wv.gov>, Terry W Urban <terry.w.urban@wv.gov>

To whom it may concern, a rework permit has been issued for 4701900460.

James Kennedy

WVDEP OOG

 **4701900460.pdf**
4910K

05/19/2023