



---

west virginia department of environmental protection

---

Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Tuesday, June 11, 2024  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

BETA HELIX ENERGY LLC  
12864 STAUNTON TURNPIKE

SMITHVILLE, WV 26178

Re: Permit approval for 2  
47-021-00172-00-00

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:  
Farm Name: HINZMAN, GAY  
U.S. WELL NUMBER: 47-021-00172-00-00  
Vertical Plugging  
Date Issued: 6/11/2024

# PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

## CONDITIONS

---

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. 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.

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

5) Location: Elevation 1015 Watershed Bull Fork  
District DeKalb County Gilmer Quadrangle Holbrooke

6) Well Operator Beta Helix Energy, LLC 7) Designated Agent NA Haught, Brian Douglas  
Address 12864 Staunton TPKE Address 12864 Staunton Turnp.'k  
Smithville, WV 26178 Smithville wv 26178

8) Oil and Gas Inspector to be notified Name Kenneth Greynolds Jeff Propst  
Address 613 Broad Run Rd  
Jane Lew, WV 26378  
9) Plugging Contractor Name Top Drilling Corporation  
Address 107 Lancaster Street, Suite 301  
Marietta, OH 45750

10) Work Order: The work order for the manner of plugging this well is as follows:  
Remove all well facilities. Confirm TD. Fill shot hole with Pea Gravel and check TD to 1850'  
Use work string to spot Initial Cement Plug at top of shot hole area to 100' above Maxton formation (1695').  
Confirm depth of initial plug. Spot bentonite gel as needed for gel spacer.  
Spot additional cement plugs if needed in well bore per plugging schematic.  
Confirm top of cement as needed. Pull or cut off 6-5/8" casing if stuck in hole.  
Make sure to get elevation plug  
Spot additional plugs as needed to cover surface casing and elevation per plugging schematic  
Spot top hole cement plug. Install monument with tag for plugged well. Reclaim location.  
Haul off any surface and down-hole equipment and seed and mulch location per state requirements.  
SEE ATTACHED WELL PLUGGING SCHEMATIC:

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

Work order approved by inspector Jeff A. Propst Date 11-6-2023

RECEIVED  
Office of Oil and Gas  
APR 29 2024  
WV Department of  
Environmental Protection

06/14/2024





(12/10)

COPY

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. GU-172

Oil or Gas Well OIL

Company Ludrick Oil and Gas Company  
 Address Wheaton, West Virginia  
 Farm Gay Hinzman Acres \_\_\_\_\_  
 Location (waters)? Little Fork  
 Well No. 2 Elev. 1015'  
 District DeKalb County Gilmer  
 The surface of tract is owned in fee by Gay Hinzman  
 Address Sumner, W. Va.  
 Mineral rights are owned by Same  
 Address \_\_\_\_\_  
 Drilling commenced \_\_\_\_\_  
 Drilling completed February 21, 1937  
 Date Shot 2-22-37 From \_\_\_\_\_ To 1856'  
 With \_\_\_\_\_  
 Open Flow /10ths Water in Inch \_\_\_\_\_  
/10ths Merc. in Inch \_\_\_\_\_  
 Volume \_\_\_\_\_ Cu. Ft. \_\_\_\_\_  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs. \_\_\_\_\_  
 Oil 5 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			
10	<u>120'</u>		Size of
8 1/2	<u>1010'</u>		
8	<u>1655'</u>	<u>1655'</u>	Depth set
5 3/16			
3			Perf. top
2	<u>2043'</u>	<u>2043'</u>	Perf. bottom
Liners Used	<u>137'</u>	<u>137'</u>	Perf. top
			Perf. bottom

CASING CEMENTED	SIZE	No. Ft.	Date

COAL WAS ENCOUNTERED AT	FEET	INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			18	40			
Red rock			40	65			
Limo			65	75			
White slate			75	105			
Sand			105	140			
Shalls			140	155			
Red rock			155	190			
White slate			190	260			
Limo			260	280			
Red rock			280	360			
White slate			360	405			
Sand			405	465			
White slate			465	515			
Limo shalls			515	535			
Red rock			535	610			
White slate			610	685			
Sand			685	725			
Red rock			725	805			
Limo			805	830			
Red rock			830	885			
White slate			885	945			
Little Dunkard			945	970			
Red rock			970	980			
White slate			980	985			
Big Dunkard			985	1020	<u>OIL</u>	<u>1846-1856'</u>	
Black slate			1020	1045			
Sand			1045	1070			
White slate			1070	1105			
Gas sand			1105	1240			
Black slate			1240	1265			
Sand			1265	1280			
White slate			1280	1290			
Sand			1290	1340			
Black slate			1340	1365			
Sand			1365	1380			
White slate			1380	1445			
Broken sand			1445	1535			
Black slate			1535	1560			

RECEIVED  
Office of Oil and Gas  
APR 29 1937  
WV Department of  
Environmental Protection

06/14/2024

(Over)



**Well Plugging Schematic**

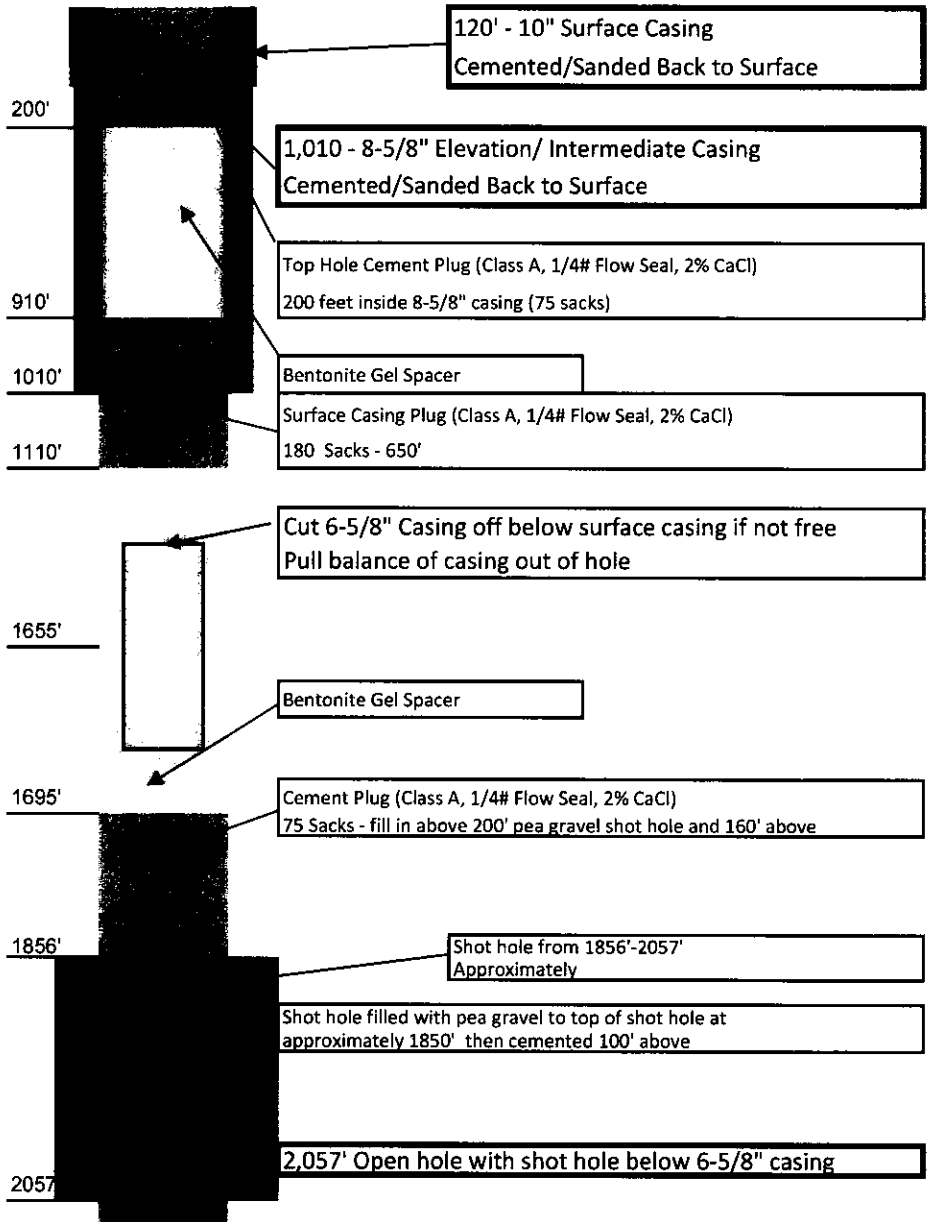
**Well: Gay Hinzman  
47-021-00172**

**Current Status**  
No Production - Preparing to plug

**Action Items**  
- Well will be Plugged using procedure as shown  
- All Processes will be approved by DEP Inspector

**Record TD 2057'**

**Shot Hole**  
  
1856-2057



RECEIVED  
Office of Oil and Gas  
APR 09 2024  
WV Department of  
Environmental Protection

06/14/2024

1) Date: April 4, 2023  
2) Operator's Well Number  
Gay Hinzman 2

3) API Well No.: 47 - 021 - 00172

**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 M. Nicholson</u>	Name <u>NA</u>
Address <u>2289 Grass Run Rd</u>	Address _____
<u>Normantown, WV 25267</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>NA</u>
_____	Address _____
_____	_____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Kenneth Greynolds</u> <u>Jeff Propst</u>	(c) Coal Lessee with Declaration
Address <u>613 Broad Run Road</u> <u>4936 Little Sand Run Rd</u>	Name <u>NA</u>
<u>Jane Lew, WV 26378</u> <u>Buckhannon WV</u>	Address _____
Telephone <u>304-206-6613</u> <u>304(681)990-2569</u>	_____

**TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:**

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator Beta Helix Energy, LLC

By: [Signature]

Its: CEO

Address 12864 Staunton TPKE

Smithville, WV 26178

Telephone 304-477-3333

Subscribed and sworn before me this 15<sup>th</sup> day of June, 2023

Hannah M Weiford  
My Commission Expires October, 18 2023



**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](mailto:depprivacyofficer@wv.gov).

RECEIVED  
Office of Oil and Gas  
APR 29 2024  
WV Department of  
Environmental Protection  
**06/14/2024**



**SURFACE OWNER WAIVER**

Operator's Well  
Number

Gay Hinzman #2

**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 57<sup>th</sup> 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,

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

RECEIVED  
Office of Oil and Gas  
APR 09 2024  
WV Department of  
Environmental Protection

06/14/2024

API No. 47-021-00172  
Farm Name \_\_\_\_\_  
Well No. \_\_\_\_\_

**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 \_\_\_\_\_

\*\*\* No Coal Production on Property

RECEIVED  
Office of Oil and Gas  
APR 29 2024  
WV Department of  
Environmental Protection

06/14/2024

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

Operator Name Beta Helix Energy, LLC OP Code 494524243

Watershed (HUC 10) Bull fork Quadrangle Holbrooke

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: Brine Water, Fresh Water, Cement Slurry, Gel, Oil Skim

Will a synthetic liner be used in the pit? Yes  No  If so, what ml.? 20

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection ( UIC Permit Number UIC2D08510142 )
- 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: NA

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

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

Additives to be used in drilling medium? NA

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

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

-Landfill or offsite name/permit number? NA

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) B. Douglas Haught

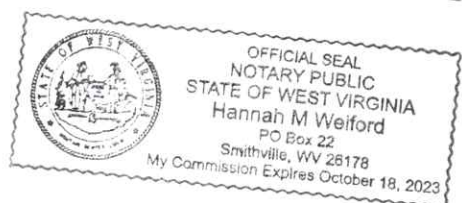
Company Official Title CEO

Subscribed and sworn before me this 15<sup>th</sup> day of June, 2023

[Signature] Notary Public

My commission expires October 18, 2023

RECEIVED  
Office of Oil and Gas  
APR 29 2024  
WV Department of  
Environmental Protection



06/14/2024

Proposed Revegetation Treatment: Acres Disturbed 1 AC +/- Prevegetation pH 5.5

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount 500 lbs/acre

Mulch 50 Bales Tons/acre

**Seed Mixtures**

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
<u>Pasture Mix</u>	<u>100</u>	<u>Pasture Mix</u>	<u>100</u>
<u>(Orchard Grass, Rye Grass, Timothy, Clover)</u>		<u>(Orchard Grass, Rye Grass, Timothy, Clover)</u>	

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Jay Pappert 11-6-2023

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Title: Oil & gas inspector Date: 11-6-2023

Field Reviewed? ( ) Yes (  ) No

RECEIVED  
Office of Oil and Gas  
APR 29 2024  
WV Department of  
Environmental Protection

06/14/2024

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
GROUNDWATER PROTECTION PLAN

Operator Name: Beta Helix Energy, LLC  
Watershed (HUC 10): Bull Fork Quad: Holbrooke  
Farm Name: Gay Hinzman

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

1. All fluids from this plugging procedure shall be retained in an on site pit. The pit water shall be drained by vacuum trucks and hauled away for disposal at the nearby injection facility. The pit, once dried, out shall be filled in and reclaimed per WVDEP guidelines.  
2. Equipment and Trucks on site could pose a risk of leaking oil, Diesel and/or gasoline products while operating on site. Oil soaks will be used as needed to control any leaks from equipment or trucks

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

Site shall be graded to ensure that all overflow of fluids from wellbore shall be captured in pit. Pit shall be located in an area as to avoid destabilization of the integrity of the pit which could lead to a loss of fluids from pit. Trucks shall be monitored for leaks and a supply of oil soaks and rags shall be kept on site to ensure that any escaped vehicle fluids are captured and disposed of properly.

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

Waterway is located approximately 1250. feet to the South East of the well head. There will be no discharge area or land application of fluids from this well.

4. Summarize all activities at your facility that are already regulated for groundwater protection.

None

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

RECEIVED  
Office of Oil and Gas  
APR 29 2024  
WV Department of  
Environmental Protection

06/14/2024

None

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

No waste material will be used for deicing or fill material on the property unless allowed by another state or federal rule.

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

Employees and service personnel shall be instructed to monitor the flow of fluids into the pit to ensure that there is no possibility of escape, overflow or destabilization. If fluids fill the pit to within two feet of free board, operations shall be suspended until the fluids can be removed from the site or secondary pit can be constructed to handle additional fluids.

On-site personnel shall be instructed to monitor their equipment and if leaks are found personnel shall place oil soaks and/or other absorbent materials to remove the fluids and keep them from contaminating the groundwaters.

Personnel shall have access to the spill hotline in case of emergency.

Personnel shall complete regular inspections of the site to ensure no fluids are escaping.

8. Provide provisions and frequency for inspections of all GPP elements and equipment.

Daily inspections each morning shall be completed on the pits and trucks before starting operations. During operations, equipment and the pits shall be monitored to ensure no fluids are escaping the site. If a situation arises that might cause fluids to escape the site, operations shall be suspended until the situation is remedied.

RECEIVED  
Office of Oil and Gas

APR 29 2024

WV Department of  
Environmental Protection

Signature: Jeff A. Pappert

Date: 11-6-2023

06/14/2024



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-021-00172 WELL NO.: 2

FARM NAME: Gay Hinzman

RESPONSIBLE PARTY NAME: Beta Helix Energy, LLC

COUNTY: Gilmer DISTRICT: \_\_\_\_\_

QUADRANGLE: Holbrooke

SURFACE OWNER: Richard Nicholson

ROYALTY OWNER: Richard Nicholson

UTM GPS NORTHING: 503591.8

UTM GPS EASTING: 4317103.2 GPS ELEVATION: 1015'

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

CEO  
Title

4-4-2023  
Date

RECEIVED  
Office of Oil and Gas  
APR 29 2024  
WV Department of  
Environmental Protection

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

(REQUIRED BY SECTION 2, CHAPTER 66, ACTS 1929)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS SECTION

To THE DEPARTMENT OF MINES, Charleston, W. Va.

Not under operation. Owned by land owners OPERATOR OR COAL OWNER

Louis Wohine NAME OF WELL OPERATOR

LAND OWNER ADDRESS

Weston, West Virginia COMPLETE ADDRESS

Gay Hinzman COAL OPERATOR OR COAL OWNER

October 28, 1936 PROPOSED LOCATION

Tenner, West Virginia ADDRESS

DeKalb District

OWNER OF MINERAL RIGHTS

Gilmer County

Well No. 2

Gay Hinzman Farm

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated March 22nd, 1924,

made by Harriet Gainer, to

John B. Arbuckle and recorded on the day

of in the office of the County Clerk for said County in Deed

Book 106 page 91

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Act, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

Louis Wohine WELL OPERATOR

Address of Well Operator

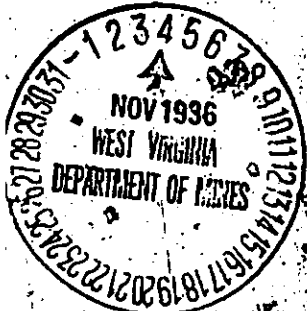
STREET

Weston

CITY OR TOWN

West Virginia

STATE

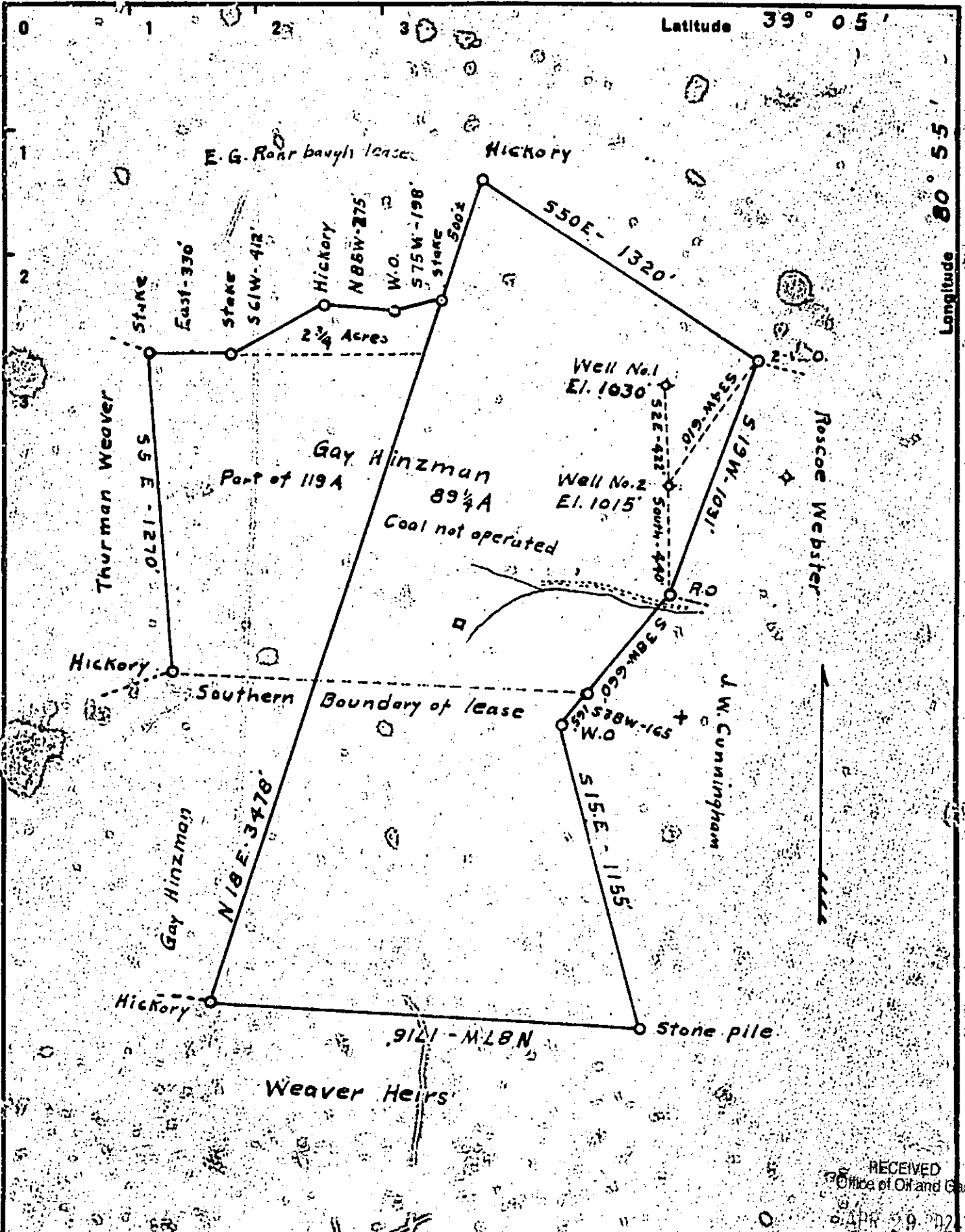


Section 3 . . . . . If no such objections be filed, or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

RECEIVED Office of Oil and Gas APR 29 1936 WV Department of Environmental Protection

06/14/2024





RECEIVED  
Office of Oil and Gas  
APR 29 1936  
W. Department of  
Environmental Protection

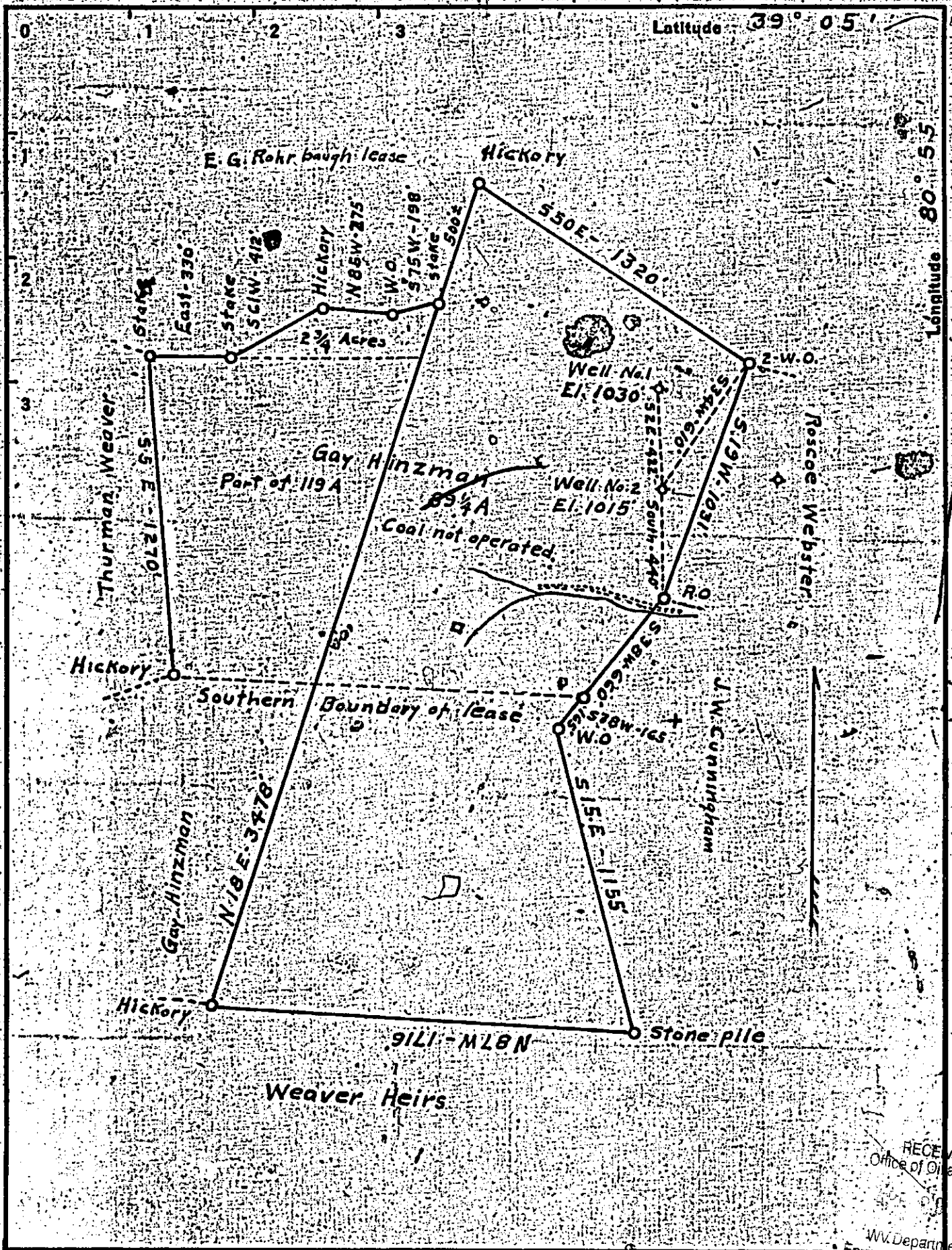
Company	<u>Louie Wobeinco &amp; Co.</u>
Address	<u>Neston W. Va.</u>
Farm	<u>Gay Hinzman</u>
Tracts	<u>1233 Acres 89 1/4</u> Lease No. _____
Well (Farm) No.	<u>T.W.O</u> Serial No. _____
Elevation (Spirit Level)	<u>1015</u>
Quadrangle	<u>Holbrook</u>
County	<u>Gilmer</u> District <u>De Kalb</u>
Engineer	<u>C.O. Harwig</u>
Engineer's Registration No.	<u>811</u>
File No.	_____ Drawing No. _____
Date	<u>Dec. 29 1936</u> Scale <u>1" = 500'</u>

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

WELL LOCATION MAP  
FILE NO. GIL-172

- + Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
- Denotes one inch spaces on border line of original tracing.

06/14/2024



RECEIVED  
Office of Oil and Gas  
WV Department of Environmental Protection

Company	<u>Louie Woheince</u>
Address	<u>Neston W. Va.</u>
Farm	<u>Gay Hinzman</u>
Tracts <u>1, 2 &amp; 3</u> Acres <u>89 1/2</u> Lease No. _____	
Well (Farm) No. <u>Two</u> Serial No. _____	
Elevation (Spirit Level) <u>1015</u>	
Quadrangle <u>Helbrook</u>	
County <u>Gilmer</u> District <u>De Kalb</u>	
Engineer <u>C. O. Harris</u>	
Engineer's Registration No. <u>811</u>	
File No. _____ Drawing No. _____	
Date <u>Dec. 29, 1936</u> Scale <u>1" = 500'</u>	

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

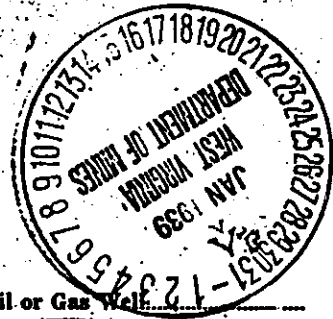
**WELL LOCATION MAP**  
FILE NO. GIL-172

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

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

06/14/2024

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION



INSPECTOR'S WELL REPORT

Permit No. 11172 complaint verbal

Oil or Gas Well (mark)

Company Louis Wolinc  
Address Winton WV  
Farm Hay Hingman  
Well No. 2  
District DeKalb County Milmer  
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
16			Kind of Packer
13			
10			Size of
8 1/4			
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 _____			
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
_____ FEET _____ INCHES _____ FEET _____ INCHES			
_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names I have a verbal complaint from Mr. A.E. Ellis concerning the wasting of Big Injuns gas in the production of maxon sand oil.  
Well Abandoned and Plugged \_\_\_\_\_ 19 \_\_\_\_\_

REMARKS: I was not able to see Mr. Wolinc today but made an appointment for next week.

Jan 27 1939.  
DATE

D. H. Houtney  
DISTRICT WELL INSPECTOR

Roads still dangerous.

RECEIVED  
Office of Oil and Gas  
APR 29 2024  
WV Department of  
Environmental Protection  
06/14/2024

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

INSPECTOR'S WELL REPORT

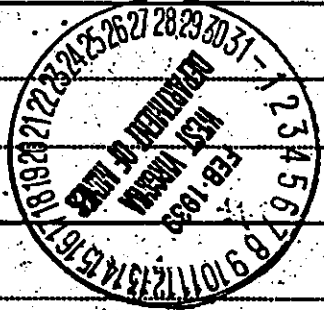
Permit No. Del 172 verbal complaint from A.E. Ellis Oil or Gas Well \_\_\_\_\_  
(TYPE)

Company <u>Louis Wolnie</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Wheaton</u>	Size			
Farm <u>Gay Hugman</u>	16			Kind of Packer
Well No. <u>2</u>	13			
District <u>DeKalb</u> County <u>Bellevue</u>	10			Size of
Drilling commenced _____	8 3/4			
Drilling completed <u>1937</u> Total Depth _____	6			Depth set
Date shot _____ Depth of shot _____	5 3/16			
Initial Open Flow _____ /10ths Water in _____ Inch	3			Perf. top
Open Flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume <u>150 m bbls</u> Cu. Ft.	Liners Used			Perf. top
Rock Pressure _____ lbs _____ hrs.				Perf. bottom
Oil <u>Wheaton oil</u> bbls., 1st 24 hrs.				
Fresh water _____ feet _____ feet				
Salt water _____ feet _____ feet				

CASING CEMENTED	SIZE	No. FT.	Date

COAL WAS ENCOUNTERED AT			
FEET	INCHES	FEET	INCHES

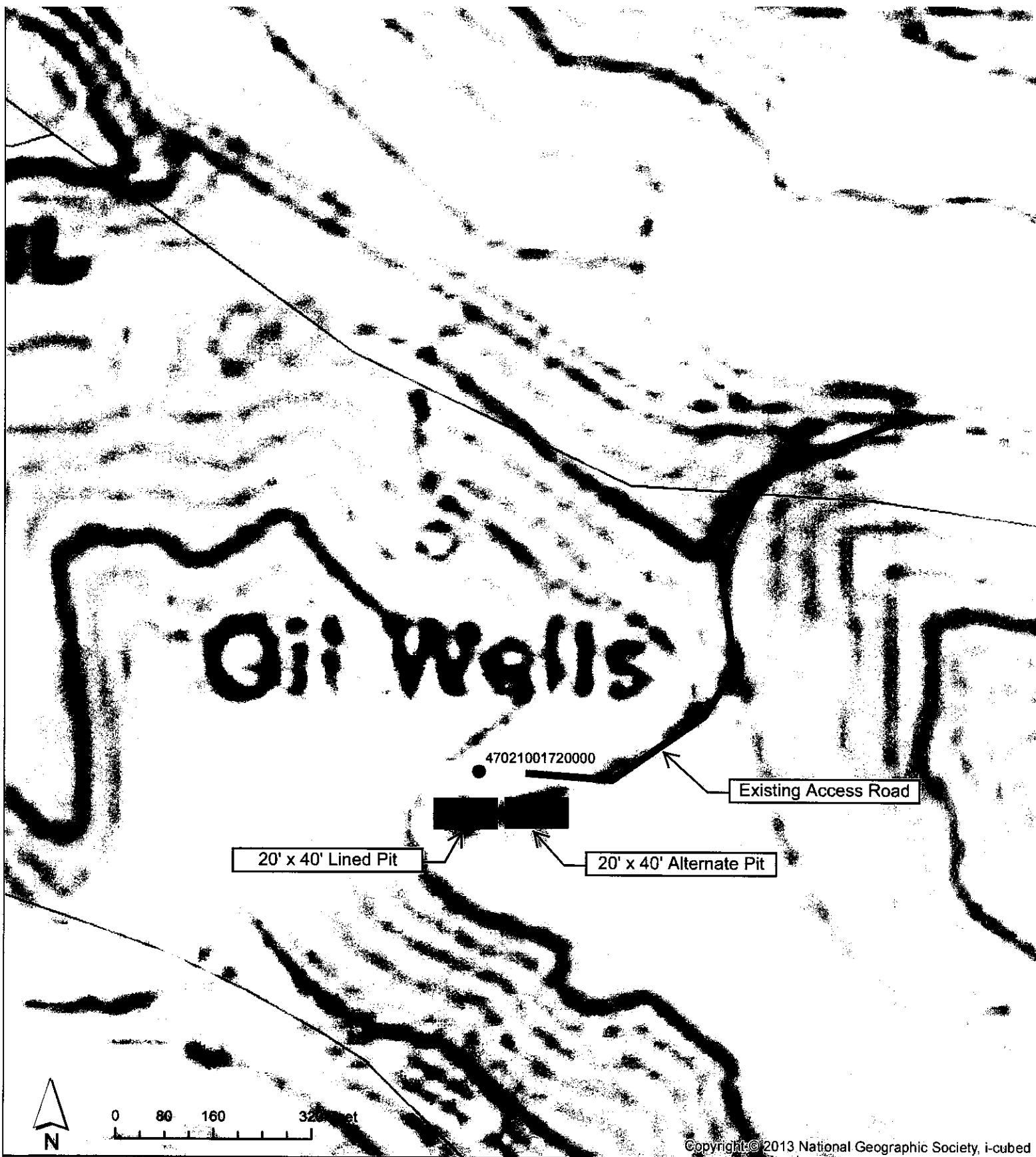
Drillers' Names \_\_\_\_\_  
Well Abandoned and Plugged \_\_\_\_\_ 19 \_\_\_\_\_



REMARKS: Wasting gas to produce oil.  
too much - Big Injun gas + wheaton oil.  
Say line to Mr Ellis and he will market 84. 12  
James D. 1939 D. J. Courtney  
DATE DISTRICT WELL INSPECTOR  
Wolnie says O.K. and will deal with Mr Ellis to save gas.

RECEIVED  
Office of Oil and Gas  
APR 29 2024  
WV Department of  
Environmental Protection

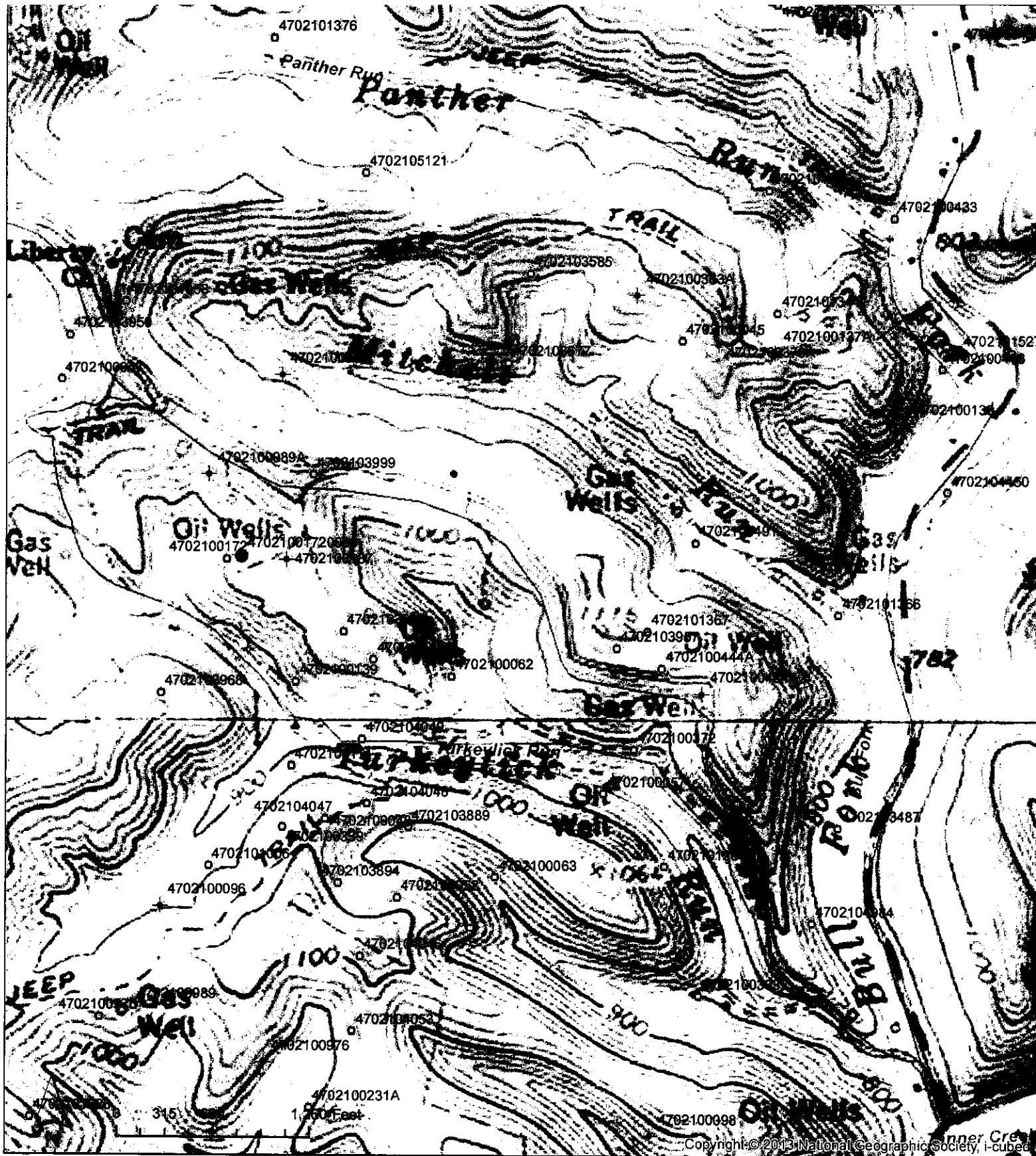
06/14/2024



**Beta Helix Energy**  
 Gay Hinzman - Plug  
 API 47-021-00172  
 DeKalb District, Gilmer County, WV

RECEIVED  
 Office of Oil and Gas  
 APR 29 2024  
 WV Department of  
 Environmental Protection

06/14/2024



**Beta Helix Energy**

Gay Hinzman - Plug  
API 47-021-00172

DeKalb District, Gilmer County, WV

RECEIVED  
Office of Oil and Gas  
APR 29 2024  
WV Department of  
Environmental Protection

06/14/2024

11/10/2016

PLUGGING PERMIT CHECKLIST

Plugging Permit

- WW-4B
- WW-4B signed by inspector
- WW-4A
  
- SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
  
- COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- WW-9 PAGE 1 (NOTARIZED)
- WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- RECENT MYLAR PLAT OR WW-7
- WELL RECORDS/COMPLETION REPORT
- TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- MUST HAVE VALID BOND IN OPERATOR'S NAME
- CHECK FOR \$100 IF PIT IS USED

RECEIVED  
Office of Oil and Gas

JUN 29 2024

WV Department of  
Environmental Protection

06/14/2024