



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

Thursday, July 11, 2024
WELL WORK PLUGGING PERMIT
Vertical Plugging

DELTA HELIX ENERGY, LLC
1101 ROSEMAR RD., SUITE D

PARKERSBURG, WV 26105

Re: Permit approval for C.B.CHAMBERS 10
47-087-04089-00-00

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: C.B.CHAMBERS 10
Farm Name: SMITH, J. HERBERT, ETAL
U.S. WELL NUMBER: 47-087-04089-00-00
Vertical Plugging
Date Issued: 7/11/2024

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.

1) Date April 30, 2024
2) Operator's
Well No. 10
3) API Well No. 47-087 - 04089

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil ___/ Gas ___/ Liquid injection X/ Waste disposal ___/
(If "Gas, Production ___ or Underground storage ___) Deep ___/ Shallow X

5) Location: Elevation 1074' Watershed Rush Run
District Smithfield County Roane Quadrangle Looneyville 7.5'

6) Well Operator Delta Helix Energy, LLC 7) Designated Agent Brian Haught
Address 1101 Rosemar Road, Suite D Address 12864 Staunton TPKE
Parkersburg, WV 26105 Smithville, WV 26178

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Cruise Lawson Name To Be Decided
Address 347 Main Street Address _____
Spencer, WV 25276

10) Work Order: The work order for the manner of plugging this well is as follows:
Remove all well facilities. Confirm TD. Use work string to spot Initial Plug over deepest formation.
Confirm depth of initial plug. Spot bentonite gel as needed for gel spacers. Spot additional cement
plugs over existing perforations as depicted on plugging schematic. Locate top of cement. Cut off production
casing above cement top. Spot cut plug. Spot additional bentonite gel as needed for additional gel spacers.
Spot additional open hole plugs as needed to cover existing productive formations per plugging schematic
as attached. Spot top hole cement plug. No Monument, wellhead cut off 3' below ground level. Reclaim location:
haul off any surface and down-hole equipment and seed and mulch location per state requirements.
SEE ATTACHED WELL PLUGGING SCHEMATIC:

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WV Department of
Environmental Protection

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

Work order approved by inspector  Date 5/16/24

07/12/2024

CB Chambers 10 (API 47-087-04089) Proposed Plugging Procedure

Total Depth: 2210'

Elevation: 1074'

Big Injun perforations: 2143'-2151'

4 1/2" Casing (2186') cemented with 160 sacks 50/50 Pozmix – estimated TOC @ 1260'

8 5/8" Surface Casing @ 339' (cemented to surface)

Gel Spacer below plugs

2165'

Cover Perfs 

Plug #1 (class A cement) – ~~2135'~~-2035'

Gel Spacer between plugs

Plug #2 (class A cement) – 1310'-1210'

Gel Spacer between plugs

Plug #3 (class A cement) – 1125'-1025'

Gel Spacer between plugs

Plug #4 (class A cement) – 390'-290'

Gel Spacer between plugs

Plug #5 (class A cement) – 100'-Surface

No Monument as wellhead is to be cut off 3' below ground level and buried.

Gel will consist of freshwater with a minimum of 6% Bentonite by weight.

Make an attempt to pull pipe - C.F.

Cruise Lawson
OOG Inspector



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Well Plugging Schematic

Well: CB Chambers 10
47-087-04089

Current Status
No Production - Casing Leak

Action Items
Plug Well per standard procedure as shown

Monument
None - wellhead to be cut off 3' below ground level

Record TD 2210'

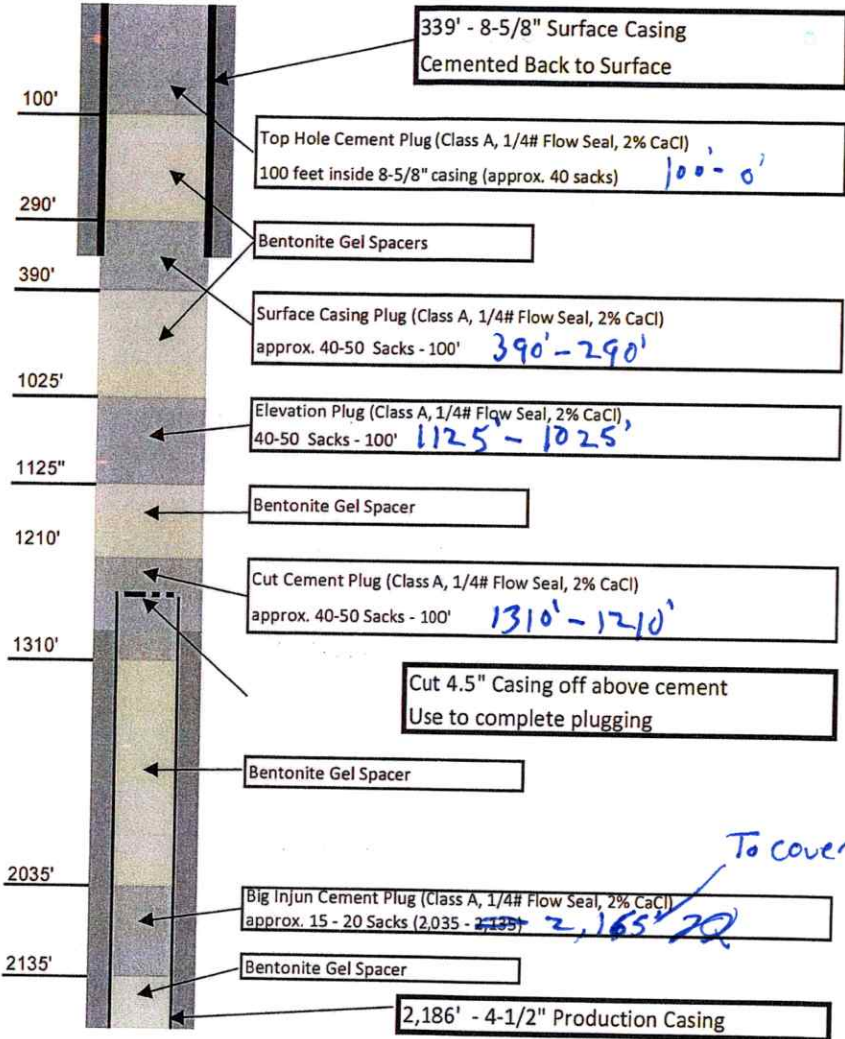
Elevation 1,074'

TOC Approx. 1,260'

Perforations:
2,143 - 2,151

Cover Perfs W/ cement

**Schematic not to scale*



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State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: SMITH, J. HERBERT ETAL. Operator Well No.: C.B. CHAMBERS 10

LOCATION: Elevation: 1074.00 Quadrangle: LOONEYVILLE

District: SMITHFIELD County: ROANE
Latitude: 10050 Feet South of 38 Des. 45Min. 0 Sec.
Longitude: 8550 Feet West of 81 Des. 15 Min. 0 Sec.

Company: PENNZOIL PRODUCTS COMPANY
P. O. BOX 5519
VIENNA, WV

Agent: JAMES A. CREWS

Inspector: HOMER DOUGHERTY
Permit Issued: 09/08/88
Well work Commenced: 9-17-88
Well work Completed: 9-22-88
Verbal Plugging
Permission granted on: _____
Rotary Cable _____ Ris _____
Total Depth (feet) 2210
Fresh water depths (ft) _____
Salt water depths (ft) _____
Is coal being mined in area (Y/N)? N
Coal Depths (ft): _____

Casings & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8	339	339	To surface
4-1/2	2186	2186	160 sks

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DEPARTMENT OF ENERGY

OPEN FLOW DATA

Producing formation: Big Injun Pay zone depth (ft) 2143

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ Psis (surface pressure) after _____ Hours
 * Water Injection Well

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ Psis (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: PENNZOIL PRODUCTS COMPANY

By: Curtis A. Lucas
Date: November 11, 1988

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WV Department of Environmental Protection

4708704089P

Perforations: 2143-2151 - 16 holes

Frac w/100 gal. 15% HF acid, 52 Bbls. gelled H₂O, 500# 20/40 sand.

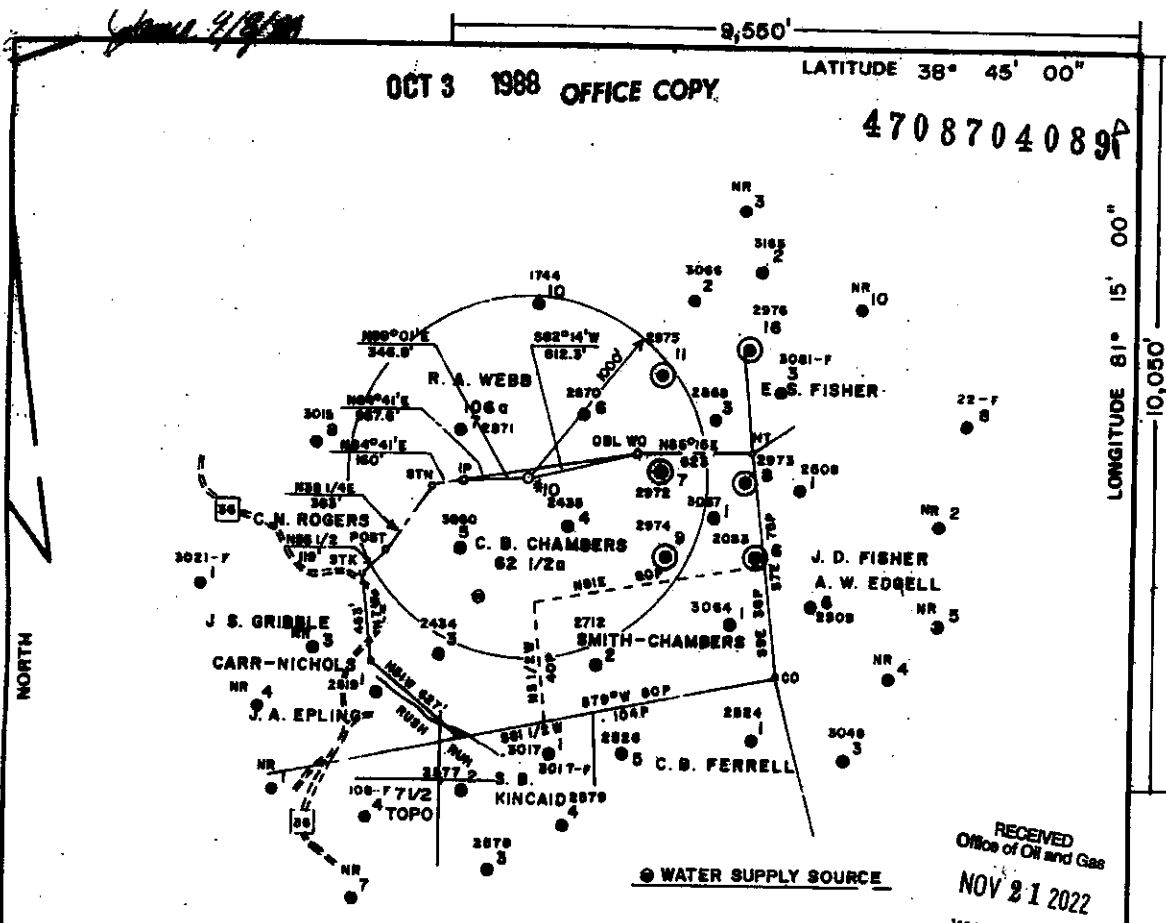
Sand & Shale	0-300
Sand	300-320
Sand & Shale	320-610
Sand & Shale	610-905
Shale	905-985
Sand	985-1127
Shale	1127-1152
Sand	1152-1220
Shale	1220-1233
Sand	1233-1266
Sand & Shale	1266-1672
1st Salt Sand	1672-1830
2nd Salt Sand	1830-1925
3rd Salt Sand	1925-1965
Little Line	1965-1973
Pencil Cave	1973-1985
Big Lima	1985-2110
Big Injan	2110-2150
Pocono Shale	2150-2210

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LOCATION REFERENCES

N84°02'E 107.6' STAKE
 N70°03'W 104.4' STAKE
 UTM NAD 83
 N - 4,286,027 m.
 E - 475,400 m.

MAP 62
 N 849 E W 88
 WORK MAP
 WALL MAP

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FILE NO. 134
 MAP 62 808 W38 549
 SCALE 1" = 800'
 MINIMUM DEGREE OF
 ACCURACY 1 in 200
 PROVEN SOURCE OF
 ELEVATION C.B. CHAMBERS #7
 (47-087-2972) = 1051.67'

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 REGU
 LATIONS ISSUED AND PRESCRIBED BY THE DEPART
 MENT OF MINES
 (SIGNED) [Signature]
 TIMOTHY P. ROUSH #LLS 793



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



DATE SEPTEMBER 2, 19 88
 FARM C. B. CHAMBERS NO. 10
 API WELL NO.
47 - 087 - 4089 - L1
 STATE COUNTY PERMIT

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

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION X WASTE DISPOSAL ___ CORE TEST X
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1074 WATER SHED RUSH RUN
 DISTRICT SMITHFIELD COUNTY ROANE
 QUADRANGLE LOONEYVILLE 7 1/2
 SURFACE OWNER HERBERT SMITH ACREAGE 13.11
 OIL & GAS ROYALTY OWNER HELEN NESS LEASE NO. 59855 43.5a LEASE ACREAGE 62 1/2

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 RIG INJUN ESTIMATED DEPTH 2195'
 WELL OPERATOR PENNZOIL PRODUCTS CO. DESIGNATED AGENT JAMES A. CREWS
 ADDRESS P.O. BOX 5519 ADDRESS P.O. BOX 5519
VIENNA, WV 26105 VIENNA, WV 26105

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 JUN 17 2024
 WV Department of
 Environmental Protection

07/12/2024

1) Date: April 30, 2024
 2) Operator's Well Number
CB Chambers #10
 3) API Well No.: 47 - 087 - 04089

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

<p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Cameron Spaur</u> Address <u>4041 Clay Road</u> <u>Spencer, WV 25276</u></p> <p>(b) Name _____ Address _____</p> <p>(c) Name _____ Address _____</p> <p>6) Inspector <u>Cruise Lawson</u> Address <u>347 Main Street</u> <u>Spencer, WV 25276</u> Telephone <u>304-926-0450</u></p>	<p>5) (a) Coal Operator</p> <p>Name <u>NA</u> Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name <u>NA</u> Address _____</p> <p>Name _____ Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name <u>NA</u> Address _____</p>
--	---

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 Delta Helix Energy, LLC
 By: _____
 Its: CEO
 Address 1101 Rosemar Road, Suite D
Parkersburg, WV
 Telephone 681-229-1568

Subscribed and sworn before me this 2nd day of MAY
Brad L Morris BRAD L MORRIS Notary Public
 My Commission Expires MAY 12, 2029

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 Office of Oil and Gas
 JUN 17 2024

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.

WV Department of
 Environmental Protection

07/12/2024

SURFACE OWNER WAIVER

Operator's Well
Number

CB Chambers #10

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.

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Office of Oil and Gas

VOLUNTARY STATEMENT OF NO OBJECTION

JUN 17 2024

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. WV Department of Environmental Protection

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,


Signature

Date 5/10/24 Name
By
Its

Date

Signature

Date

07/12/2024

SENDER: COMPLETE THIS SECTION

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

Article Addressed to:

*Cherison Spaur
4041 Clay Rd
Spencer, WV 25276*

9590 9402 8823 4005 5008 90



Article Number (Transfer from service label)

9589 0710 5270 1695 4989 57

COMPLETE THIS SECTION ON DELIVERY

A. Signature

AK H 76

Agent
 Addressee

B. Received by (Printed Name)

Cherison Spaur

C. Date of Delivery

5/6/87

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

3. Service Type

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

Restricted Delivery

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
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4041 Clay Rd
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9590 9402 8823 4005 5008 90

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COMPLETE THIS SECTION ON DELIVERY

A. Signature

AK H 76

Agent
 Addressee

B. Received by (Printed Name)

Cherison Spaur

C. Date of Delivery

5/6/87

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

3. Service Type

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

Restricted Delivery

WW-4B

API No. 47-087-04089
Farm Name _____
Well No. 10

**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

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JUN 17 2024
WV Department of
Environmental Protection

07/12/2024

WV-9
(5/16)

API Number 47 - 085 - 05755
Operator's Well No. _____

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

Operator Name Delta Helix Energy, LLC OP Code 494530855

Watershed (HUC 10) Rush Run Quadrangle Looneyville 7.5

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

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 WV-9-CPP)
- Underground Injection (UIC Permit Number UIC 2D08510142 or 2D08700985 or 2D08701056)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WV -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 _____

Company Official (Typed Name) B. Douglas Haught

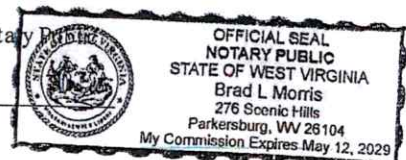
Company Official Title CEO

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Office of Oil and Gas
JUN 17 2024
WV Department of
Environmental Protection

Subscribed and sworn before me this 2nd day of MAY, 2024

Brad L Morris BRAD L MORRIS Notary Public

My commission expires MAY 12, 2029



07/12/2024

Proposed Revegetation Treatment: Acres Disturbed 0.5 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 Hay/Straw Bales - 2 Tons/acre

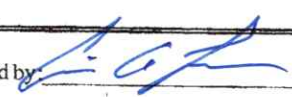
Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Pasture Mix	50	Pasture Mix	50
(Orchard Grass, Rye Grass, Timothy, Clover)		(Orchard Grass, Rye Grass, Timothy, Clover)	

Attach:

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: 

Comments: _____

Title: Inspector 006

Date: 5/16/24

Field Reviewed? () Yes () No

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Office of Oil and Gas
JUN 17 2024
WV Department of
Environmental Protection

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

Operator Name: Delta Helix Energy, LLC
Watershed (HUC 10): Rush Run Quad: Looneyville 7.5'
Farm Name: Chambers

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.

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.

Rush Run is located approximately 2,000 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

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

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 another pit can be constructed to handle additional fluids.

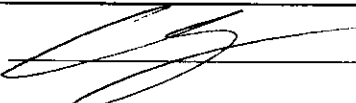
On-site personnel shall be instructed to monitor their equipment and if leaks are found personnel shall place oil soaks and/or other absorbent materials to remove the fluids and keep them from contaminating the groundwaters.

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.

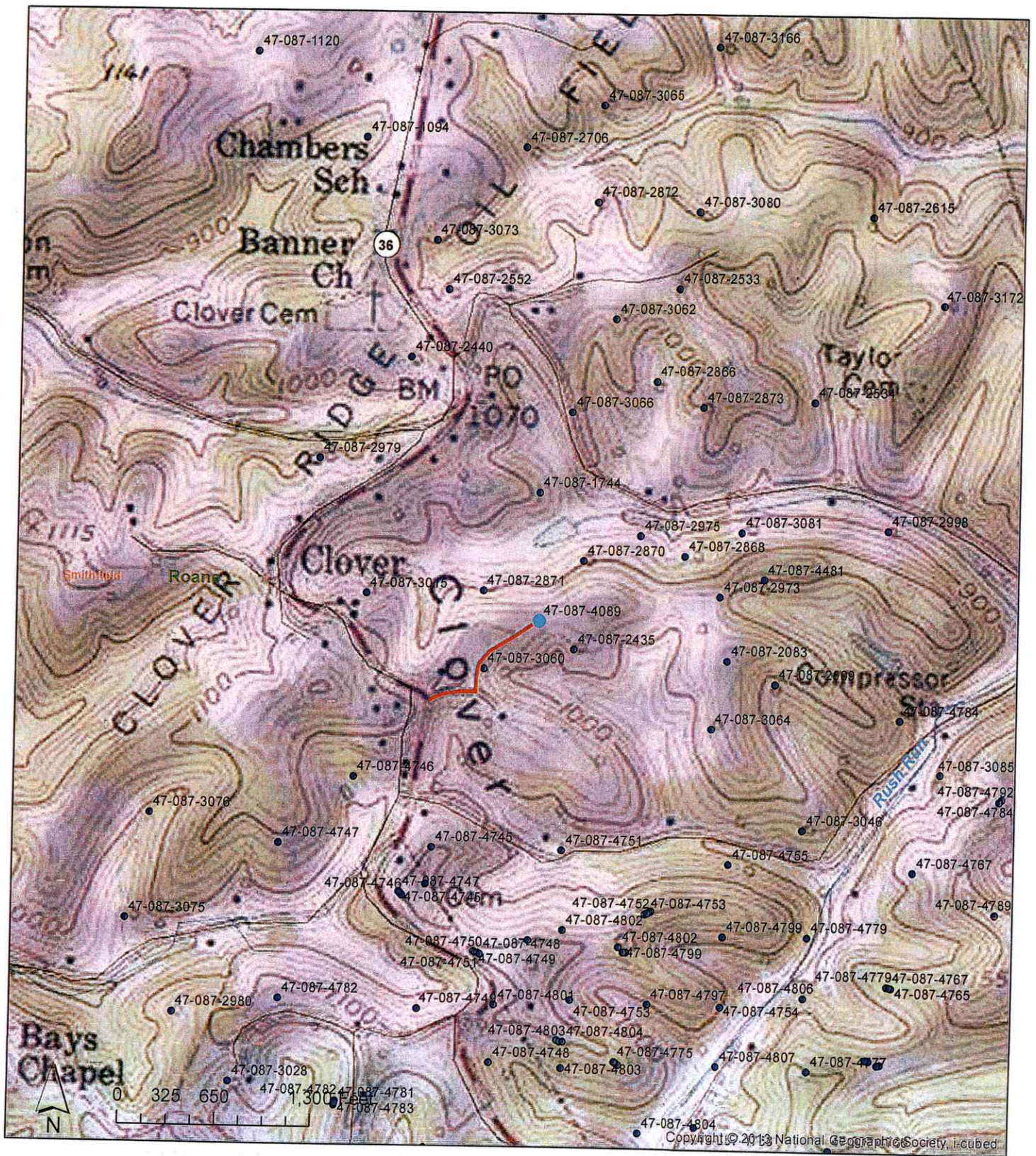
8. Provide provisions and frequency for inspections of all GPP elements and equipment.

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.

Signature: 
Date: 5-2-24

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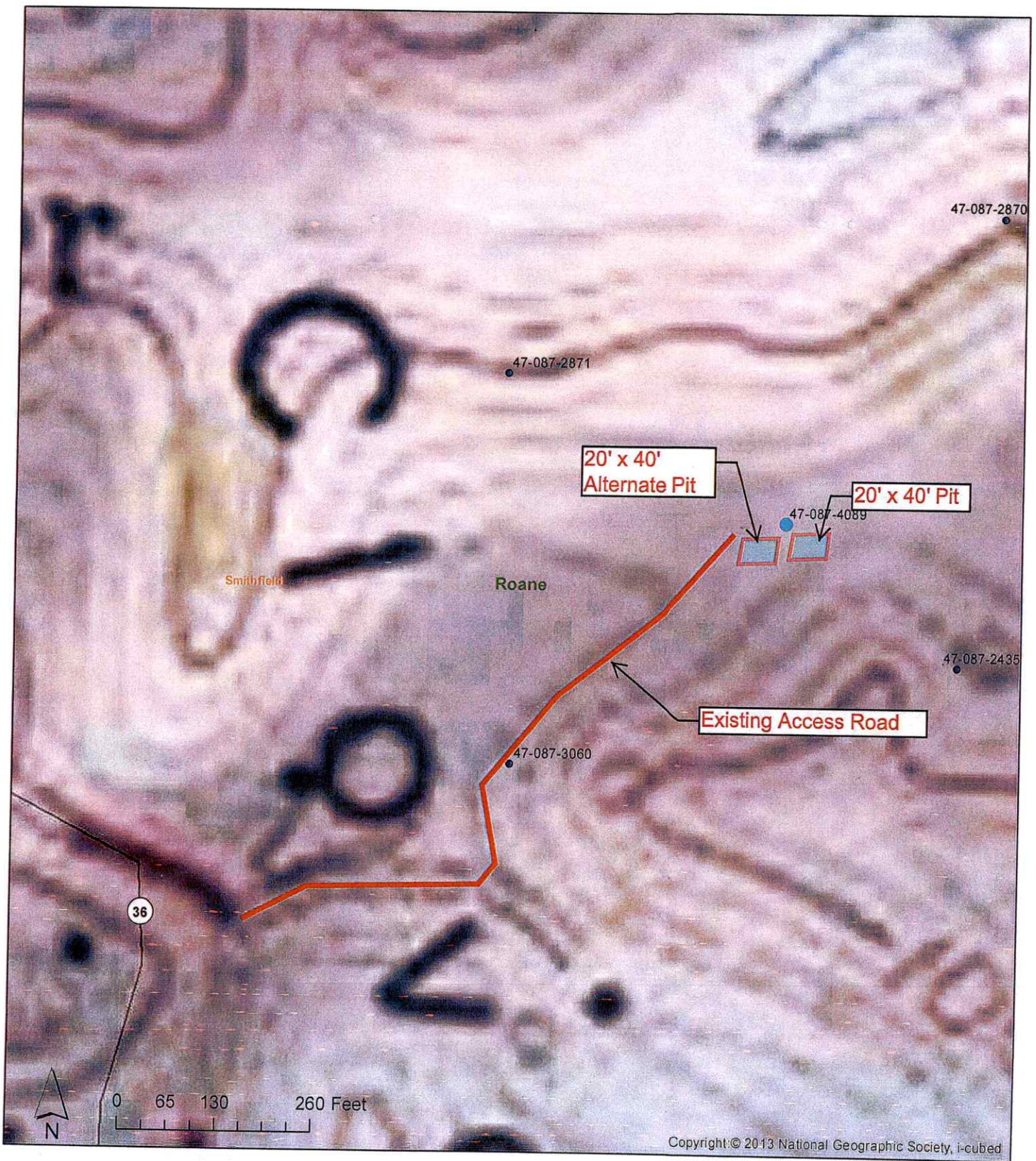
Plugging Topographical Map

CB Chambers #10 - 47-087-04089
 Section of Looneyville 7.5' Quadrangle
 Roane County, WV



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Plugging Location Map

CB Chambers #10 - 47-087-04089

Road, Location, Pit

Roane County, WV



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WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-087-04089 WELL NO.: 10

FARM NAME: CB Chambers

RESPONSIBLE PARTY NAME: Delta Helix Energy, LLC

COUNTY: Roane DISTRICT: Smithfield

QUADRANGLE: Looneyville 7.5'

SURFACE OWNER: Cameron M. Spaur, et ux.

ROYALTY OWNER: Delta Helix Energy, LLC et al.

UTM GPS NORTHING: 4286027

UTM GPS EASTING: 4754000 GPS ELEVATION: 1073'

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 X : 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 [Handwritten Signature]

CEO
Title

4-30-2024
Date

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May 28, 2024

WVDEP – Office of Oil & Gas
Attn: Permitting Department
601 57th Street
Charleston, WV 25304

Re: CB Chambers No 10 (47-087-04089) Plugging Permit
Smithfield District, Roane County, WV

Enclosed is the completed application for plugging of the above referenced well.
Please let us know if you have any questions or need any additional information.

Thank you,

A handwritten signature in black ink, appearing to read "Bobby Haught", with a long horizontal flourish extending to the right.

Bobby Haught
Development Director

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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

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

plugging permit issued 4708704089

1 message

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


Thu, Jul 11, 2024 at 1:32 PM

To: Cruise A Lawson <cruise.a.lawson@wv.gov>, ewestfall@wvassessor.com, dhaught@topdrilling.com

To whom it may concern, a plugging permit has been issued for 4708704089.

James Kennedy

WVDEP OOG

 **4708704089.pdf**
2426K

07/12/2024