



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

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Wednesday, May 13, 2020
WELL WORK PLUGGING PERMIT
Vertical Plugging

PETHTEL OIL & GAS
2317 BROAD STREET

PARKERSBURG, WV 261012876

Re: Permit approval for H-1131
47-073-01053-00-00

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: H-1131
Farm Name: RODNEY & TRUDY PETHTEL
U.S. WELL NUMBER: 47-073-01053-00-00
Vertical Plugging
Date Issued: 5/12/2020

Promoting a healthy environment.

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.

2

WW-4B
Rev. 2/01

1) Date MARCH 16, 2020
2) Operator's
Well No. WAGNER H-1131 (EVERETT MORRIS)
3) API Well No. 47-073 - 01053 P

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

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

5) Location: Elevation 1050 Watershed ENGLE RUN
District UNION County PLEASANTS Quadrangle BENS RUN

6) Well Operator PETHTEL OIL & GAS 7) Designated Agent DENISE HAUGHT P.O.A
Address 2317 BROAD ST. Address 2317 BROAD ST.
PARKERSBURG, WV 26101 PARKERSBURG, WV 26101

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name CRAGIN BLEVINS Name PATCHWORK OIL & GAS, LLC
Address 1407 19TH ST. Address PO BOX 168
VIENNA, WV 2615 DAVISVILLE, WV 26142

10) Work Order: The work order for the manner of plugging this well is as follows:
SEE ATTACHED SHEET

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Office of Oil and Gas
MAR 25 2020
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 *J Cragin Blevins* Date 3/23/2020

WAGNER H-1131 (EVERETT MORRIS)
47-073-01053

Run bond logs when necessary to find cement top. Gel spacers in between all cement plugs.

1. Prepare plugging permit application.
2. Certify to surface and coal owners as necessary.
3. Certify and/or email to designated State inspector for signature.
4. Once all signatures are obtained, copy for records and certify to state level for approval.
5. Receive plugging permit goods for 2 years.
6. Notify the designated State inspector 24 hours prior to commencing operations.
7. Move rig and equipment to location.
8. ~~Attempt~~ to clean out well bore, pull rods and tubing, if necessary.
9. Verify total depth of 4323'. *CLEAN OUT TO PBTD \approx 4280'. SPOT GEL.*
10. Run tubing 50' below the bottom of the first set of perforations (3904-4066') and 50' above the perforations. Set bottom plug with Class A cement with no more than 3% CaCl₂ and no other additives from 4116'-3954'.
11. Pull tubing back and wait for cement to set.
12. Run in and tag plug, add additional cement if needed.
13. Run 6% Bentonite gel.
14. Look for free-point *\approx 2500'*
15. Cut 4 ½ and remove salvage, if any.
16. Place second plug through 4 ½ (minimum 100') across the casing cut with Class A cement with no more than 3% CaCl₂ and no other additives.
17. Pull tubing back and wait for cement to set.
18. Run in and tag plug, add additional cement, if needed.
19. Place a third plug across elevation from 1100'-1000' with Class A cement with no more than 3% CaCl₂ and no other additives, if elevation does fall within second plug perimeters.
20. Pull tubing back and wait for cement to set.
21. Run in and tag plug, add additional cement, if needed.
22. Pull tubing back to 100' and place a Class A cement with no more than 3% CaCl₂ and no other additives to surface.
23. Pull tubing out.
24. Set 3' high x 6" casing with concrete; add API for identification.
25. Rig down and move out.
26. Reclaim location.
27. Prepare WR-34 & WR-38 for permit release.

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* PLACE AN ADDITIONAL 100' CLASS A
CEMENT PLUG ACROSS 8 5/8" CASING SHOE
FROM 646' TO 546'.

JCB
3/23/2020

JMM

FORM NO. 201 (Obsolete) 1981

Date: April 13 1981
Operator's Well No. H-1131
API Well No. 073-1053

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

WELL OPERATOR'S REPORT
DETAILED STRAT. TRANS. UNDER STRONG-TYPE OF SEVERAL CHANGE

WELL TYPE: Gas X Solid Injection _____ Waste Disposal _____
for "Gas", Production _____ Underground Storage _____ Deep _____ Shallow _____
LOCATION: Elevation: 1050 Watershed: Engle Run
District: Union County: Pleasants Quadrangle: Bens Run
WELL OPERATOR: Haught, Inc. D.J. & Helen Wagner H-1131
Designated Agent: Warren R. Haught
Address: Route 3, Box 14 Address: Smithville, WV 26178
Smithville, WV 26178

PERMITTED WORK: Drill X Convert _____ Drill by per _____ Re-drill _____ Fracture or stimulate
Plug off old formation _____ Perforate new formation _____
Other physical change in well (specify): _____

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PERMIT ISSUED ON December 2, 1981

DEPT. OF MINES, OIL AND GAS DIVISION

WV Department of
Environmental Protection

IF APPLICABLE: FILLING OF OIL AND GAS
CONTAINMENT PROVISIONS, SPILLING OR
REWORKING. VERBAL PERMISSION OBTAINED

Name Phillip L. Tracy

Address Rt. 3
Alma, WV 26320

GEOLOGICAL TARGET FORMATION: Shale Depth 3968-4646 feet

Depth of completed well 4646 feet Rotary X Cable Tools _____

Water strata section: Fresh _____ feet; salt _____ feet.

Coal seam section: None Is coal being mined in the area? No

Work was commenced February 4, 1981, and completed February 10, 1981

CASING AND TUBING PROGRAM

CASING OR TUBING SIZE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILLING OR PACK (100% feet)	REMARKS
	Size	Weight per foot	Height	Use	For drilling	Left in well		
Conductor								
Fresh water	8-5/8	K-55	20#	X	596'	596'	140 sacks	CTS
Leak								Slits
Intermediate								
Production	4 1/2	J-55	10.5#	X		4323'	375 sacks	Leaking seal
Tubing								
Liners								Perforations
								Top Bottom
								3904 4066

OPEN HOLE DATA

Encasing formation Shale Pay zone depth 3904-4066 feet

1st Initial open flow _____ MOPD 2nd Initial open flow _____ MOPD

Final open flow 160 MOPD Final open flow _____ MOPD

Time of open flow between initial and final tests, 8 hours

Stratigraphic thickness 460 original surface measurement after 12 hours shut in

(If available, give the well log correlation)

Second opening of casing _____ Pay zone depth _____ feet

1st Initial open flow _____ MOPD 2nd Initial open flow _____ MOPD

Final open flow _____ MOPD Final open flow _____ MOPD

Time of open flow between initial and final tests, _____ hours

Stratigraphic thickness _____ original surface measurement after _____ hours shut in

10-15
(10-15)
[15-76]

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

Nitrogen fraced by E.J. Hughes Production Services -- 700,000 SCF
1000 Gal. Acid.

Perforations: 20--3904--4066

WLL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
✓ Cement to Surface			0	596	
Shale			596	600	
Red Rock			600	625	
Sand/Lime			624	640	
Shale			640	660	
Red Rock			660	675	
Shale			675	690	
Sand			690	715	
REd Rock			715	725	
Sand/Shale			725	740	
Lime			740	745	
Shale			745	755	
REd Rock			755	763	
Sand			763	770	
Shale			770	785	
Red Rock			785	820	
Sand			820	825	
Sand/Shale			825	880	
Shale			880	910	
Red Rock			910	930	
Sand/Shale			930	1005	
Red Rock			1005	1030	
Sand			1030	1115	
Red Rock			1115	1130	
Shale			1130	1165	
Sand			1165	1310	
Sand/Shale			1310	1445	
Sand			1445	1590	
Shale			1590	1640	
Sand			1640	1660	
Shale			1660	1790	
Sand			1790	2006	
Shale			2006	2020	
Shale/Sand			2020	2570	
Sand			2570	2830	
Shale			2830	3836	
Sand			3836	3868	
Shale			3836	4646	T.D.

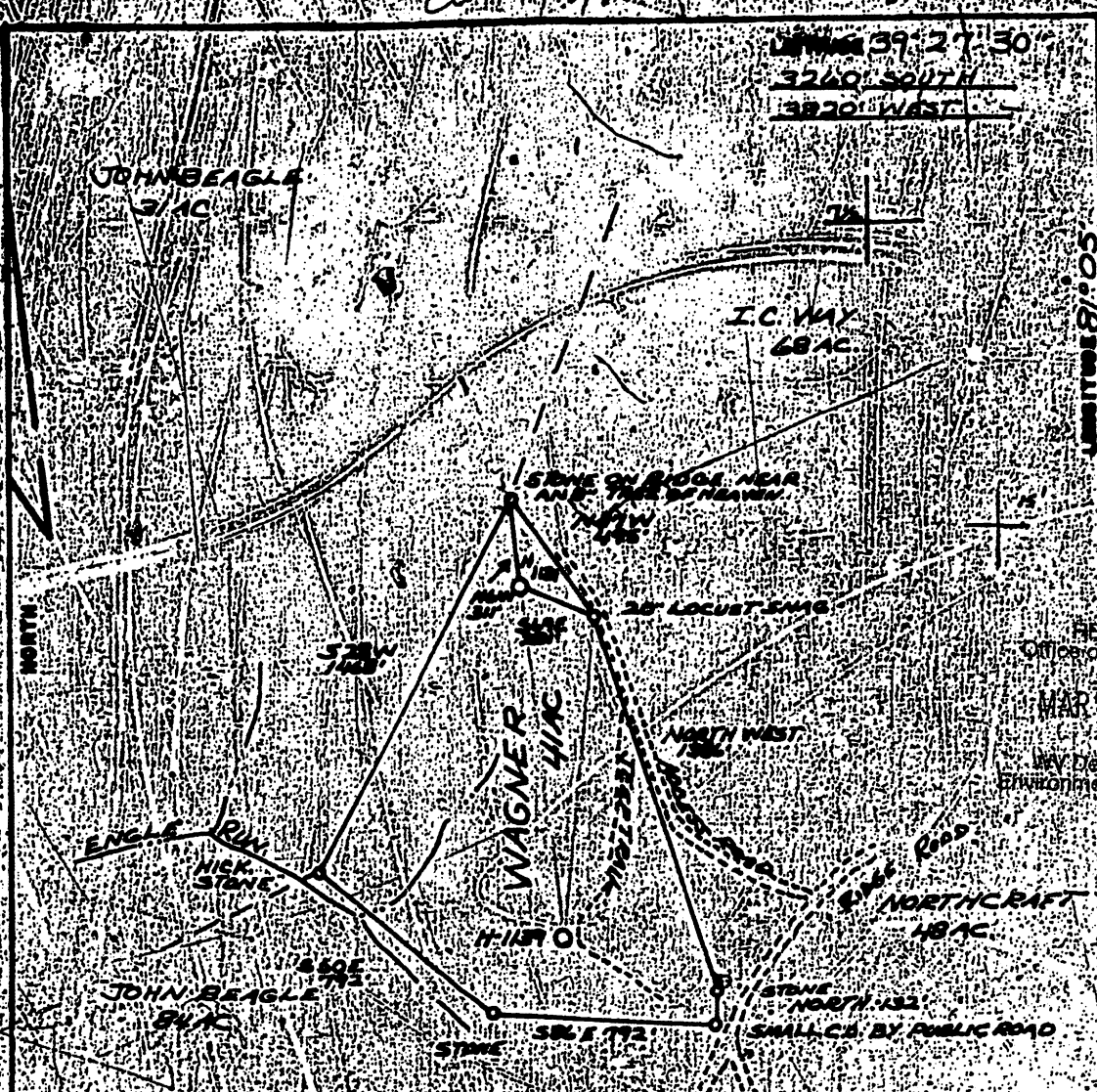
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A. E. Regulation 1.1111. provide us
The term "well" as used in this regulation means any hole, shaft, tunnel, or other excavation, whether or not it is open at the top, which is made in the earth for the purpose of exploring for, or producing, oil, gas, or other hydrocarbon, or for the purpose of conducting geophysical operations.

Haught, Inc.
Well Operator
By *Walter R. Haught*
President

CL 11578.0

LINE 39-27-30
3240' SOUTH
3820' WEST



SO. BENTLEY

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MAY 25 2020
West Virginia Department of Environmental Protection

FILE NO.
 DRAWING NO.
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1:300
 PROVEN SOURCE OF ELEVATION ADJACENT 1924

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Warren Haught
 R.P.E. L.L.S. 551

PLACE SEAL HERE

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



DATE NOVEMBER 7, 1980
 OPERATOR'S WELL NO. H-1131
 API WELL NO.
47-073-1053
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

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

LOCATION: ELEVATION 1050 WATER CHMS ENGLE RUN

DISTRICT UNION COUNTY PLEASANTS

QUADRANGLE BENS RUN

SURFACE OWNER EVERETT VIRGINIA MORRIS ACREAGE 41

OIL & GAS ROYALTY OWNER D.T. HELM WAGNER LEASE ACREAGE 41

LEASE NO.

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION SHALE ESTIMATED DEPTH 1000'

WELL OPERATOR HAUGHT INC. DESIGNATED AGENT WARREN HAUGHT

ADDRESS SMITHVILLE, W.VA. 26178 ADDRESS SMITHVILLE, W.VA. 26178

SCALE 1"=500'

WW-4A
Revised 6-07

1) Date: MARCH 16, 2020
2) Operator's Well Number
WAGNER H-1131 (EVERETT MORRIS)

3) API Well No.: 47 - 073 - 01053

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

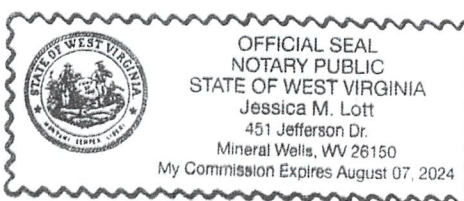
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name: RODNEY & TRUDY PETHTEL	Name: N/A
Address: 7797 MOUNT CARMEL RIDGE RD ST. MARY'S, WV 26170	Address: _____
(b) Name: _____	(b) Coal Owner(s) with Declaration
Address: _____	Name: N/A
(c) Name: _____	Address: _____
Address: _____	Name: _____
Address: _____	Address: _____
6) Inspector: CRAGIN BLEVINS	(c) Coal Lessee with Declaration
Address: 1407 19TH ST.	Name: N/A
VIENNA, WV 26105	Address: _____
Telephone: 304-382-5933	Address: _____

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 PETHTEL OIL & GAS
 By: Nemise P. Haught POA
 Its: POWER OF ATTORNEY
 Address: 2317 BROAD ST
 PARKERSBURG, WV 26101
 Telephone: 304-488-6063

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Office of Oil and Gas
MAR 25 2020
WV Department of
Environmental Protection

Subscribed and sworn before me this 20 day of March, 2020

JM Lott
Notary Public

My Commission Expires AUGUST 7, 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.

JCB
3/23/2020

47-073-01053P

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SURFACE OWNER WAIVER

MAR 30 2020

WV Department of
Environmental Protection

Operator's Well
Number

WAGNER H-1131 (EVERETT MORRIS)

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT. WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

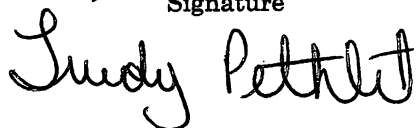
I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,


Signature

Date 3-26-20 Name _____
By _____
Its _____


Signature

Date 3-26-2020

Signature

Date

WW-9
(5/16)

API Number 47 - 073 - 01053
Operator's Well No. Wagner H-1131
(Everret Morris)

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

Operator Name PETHTEL OIL & GAS OP Code 308138

Watershed (HUC 10) ENGLE RUN Quadrangle RAVEN ROCK 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: _____

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain VAC TRUCK WILL BE USED FOR FLUID USED DURING PLUGGING PROCEDURES & DISPOSED OF PROPERLY)

JCB
3/23/2020

Will closed loop system be used? If so, describe: N/A

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

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? N/A

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Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

MAR 25 2020

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

-Landfill or offsite name/permit number? N/A

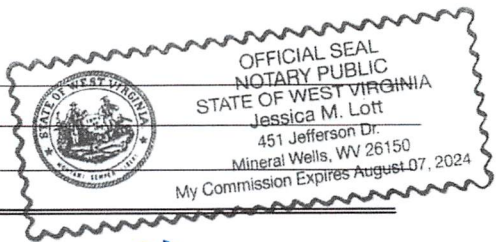
WV Department of
Environmental Protection

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 Denise P. Haught POA
Company Official (Typed Name) DENISE HAUGHT
Company Official Title DESIGNATED AGENT, POWER OF ATTORNEY



Subscribed and sworn before me this 20 day of March, 20 20

J. M. Lott Notary Public

My commission expires Aug. 7, 2024

47-073-01053 P

Form WW-9

Operator's Well No. Wagner H-1131
(~~Wagner~~ Everett Morris)

Proposed Revegetation Treatment: Acres Disturbed 1 ACRE +/- Prevegetation pH _____

Lime 2 Tons/acre or to correct to pH _____

Fertilizer type 10-20-10

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
<u>CONTRACTOR SEED</u>	<u>30</u>	<u>CONTRACTOR SEED</u>	<u>30</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.

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Plan Approved by: J Cragin Blevins

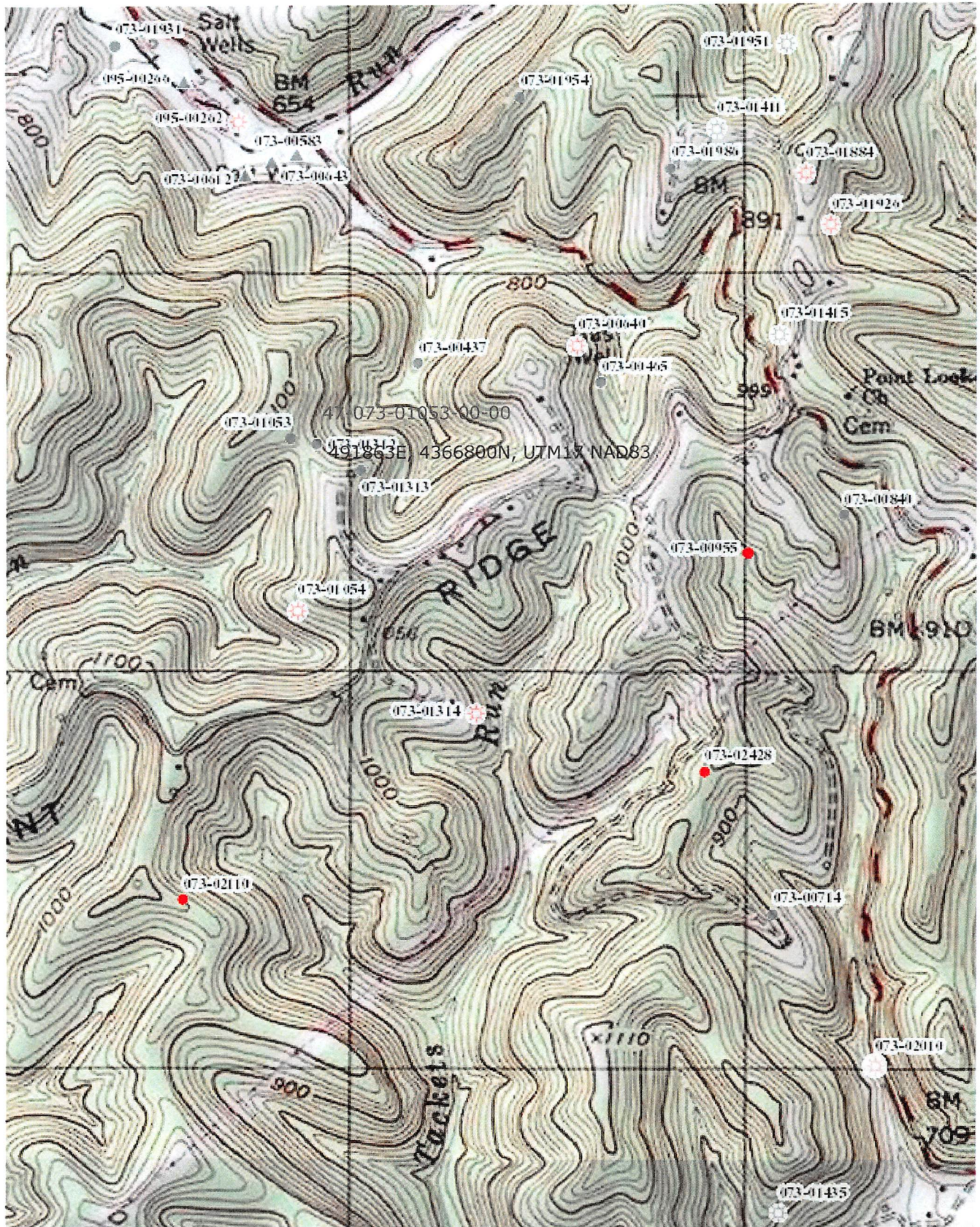
MAR 25 2020

Comments: _____

WV Department of
Environmental Protection

Title: Oil & Gas Inspector Date: 3/23/2020

Field Reviewed? () Yes () No



WW-7
8-30-06



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

API: 47-073-01053 WELL NO.: H-1131
 FARM NAME: WAGNER (EVERETT MORRIS)
 RESPONSIBLE PARTY NAME: PETHTEL OIL & GAS
 COUNTY: PLEASANTS DISTRICT: UNION
 QUADRANGLE: RAVEN ROCK 7.5
 SURFACE OWNER: RODNEY & TRUDY PETHTEL
 ROYALTY OWNER: N/A
 UTM GPS NORTHING: 4366800
 UTM GPS EASTING: 491862.7 GPS ELEVATION: 1050

JCB
3/23/2020

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:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:

Survey grade GPS : Post Processed Differential

Real-Time Differential

Mapping Grade GPS : Post Processed Differential

Real-Time Differential

- 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.

Nenise P. Haught POA 3/20/20
 Signature Title Date

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