



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

Jim Justice , Governor
Austin Caperton , Cabinet Secretary
www.dep.wv.gov

Wednesday, August 02, 2017
WELL WORK PERMIT
Vertical / Fracture

ALLIED ENERGY, INC.
35 RIDGEWOOD BLVD

BELPRE, OH 45714 000

Re: Permit approval for MASON #1
47-085-10035-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: MASON #1
Farm Name: MASON, MARK & MARY
U.S. WELL NUMBER: 47-085-10035-00-00
Vertical / Fracture
Date Issued: 8/2/2017

Promoting a healthy environment.

08/04/2017

85 10035F

PERMIT CONDITIONS

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

CONDITIONS

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

08/04/2017

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WW - 2B
(Rev. 8/10)

CK # 1158
#552⁰⁰

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

1) Well Operator: ALLIED ENERGY, INC. 309558 085-Ritchie 02-Grant 686-Willow Island
API # 47-085-10035' Operator ID County District Quadrangle

2) Operator's Well Number: Mason #1 3) Elevation: 882'

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

5) Proposed Target Formation(s): Gordon Proposed Target Depth: 3000'
6) Proposed Total Depth: 4000' Feet Formation at Proposed Total Depth: 5th Sand
7) Approximate fresh water strata depths: ~120'
8) Approximate salt water depths: None noted in Offsets

9) Approximate coal seam depths: _____

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

11) Does land contain coal seams tributary to active mine? _____

12) Describe proposed well work and fracturing methods in detail (attach additional sheets if needed)
Run electric logs to determine the oil/gas zones in which to complete well, most likely Gordon formation. Run Cement bond log, then perforate the casing and conduct a slick water, two stage ~4000 barrel frac into the formations

13) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill-up (Cu. Ft.)
Conductor	<u>13 3/8"</u>	A-500	<u>48 #</u>	<u>42'</u>	<u>42'</u>	<u>GROUT</u>
Fresh Water	<u>9-5/8"</u>	A-500	<u>26#</u>	<u>381'</u>	<u>381'</u>	<u>CTS 155SKS</u>
Coal	<u>7"</u>	A-500	<u>17#</u>	<u>1225'</u>	<u>1225'</u>	<u>200 sks Class A cer</u>
Intermediate						
Production	<u>4-1/2"</u>	J-55	<u>10.5#</u>	<u>3160'</u>	<u>2900'</u>	<u>195 sks Cl A cement 2000 fillup</u>
Tubing						
Liners						

As
conductor

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Packers: Kind: _____
Sizes: _____
Depths Set _____

AUG 2 2017

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

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JUN 26 2017

WV Department of
Environmental Protection

API 47-085-10035 County 085 - Ritchie District 02 - Grant
Quad 686 - Willow Island Pad Name _____ Field/Pool Name _____
Farm name Mark E. Mason and Mary Ann Mason Well Number Mason #1
Operator (as registered with the OOG) ALLIED ENERGY, INC.
Address 35 Ridgewood Blvd City Belpre State OH Zip 45714-8218

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4344582 Easting 478239
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing _____ Easting _____

Elevation (ft) 882' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other Not Producing
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)

Date permit issued 03/29/2013 Date drilling commenced 03/27/2015 Date drilling ceased 05/19/2015
Date completion activities began N/A Date completion activities ceased N/A
Verbal plugging (Y/N) _____ Date permission granted _____ Granted by _____

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 120' Open mine(s) (Y/N) depths No
Salt water depth(s) ft No Void(s) encountered (Y/N) depths No
Coal depth(s) ft No Cavern(s) encountered (Y/N) depths No
Is coal being mined in area (Y/N) No

Reviewed by:

08/04/2017

API 47-085 - 10035 Farm name Mark E. Mason & Mary Ann Mason Well number Mason #1

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	15"	13 3/8"	42'	New	R3 - 48#		grout in CTS
Surface	12 1/4"	9 5/8"	381'	New	R3 - 26#		155 sks, 14 bbl return
Coal							
Intermediate 1	8 7/8"	7"	1225'	New	R3 - 17#		200 sks 40 lb hull
Intermediate 2							
Intermediate 3							
Production	6 3/8"	4 1/2"	4000'	New	R3 - 10.5#		PROJECTED
Tubing							
Packer type and depth set							

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ²)	Cement Top (MD)	WOC (hrs)
Conductor							
Surface	A	155	15.6#	1.18		Surface	
Coal							
Intermediate 1	A	200	14.7#	1.36		Surface	
Intermediate 2							
Intermediate 3							
Production	A	195	15.2#	1.26		Est. 800'	
Tubing							

Drillers TD (ft) _____ Loggers TD (ft) _____

Deepest formation penetrated _____ Plug back to (ft) _____

Plug back procedure _____

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Kick off depth (ft) _____

JUN 26 2017

Check all wireline logs run caliper density deviated/directional induction neutron resistivity gamma ray temperature sonic

WV Department of Environmental Protection

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

08/04/2017

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

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

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

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Mark E Mason & Mary Ann Mason	Allied Energy, Inc.	6.25%	OGL 253 / 125
ELLIOTT HEIRS		1/7 each of 6.25%	DB 216 / 307
Jo Ann Layfield	Allied Energy, Inc.		OGL 285 / 735
Janice Nichols	Allied Energy, Inc.		OGL 285 / 738
Gloria Bircher	Allied Energy, Inc.		OGL 285 / 741

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

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

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

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

Well Operator: David W. Wiggers
 By: Its: ALLIED ENERGY, INC.
David W. Wiggers, Agent

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JUL 31 2017
WV Department of
Environmental Protection

WW-2B1
(5-12)

Well No. Mason #1

West Virginia Department of Environmental Protection
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

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

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

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

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

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

Certified Laboratory Name Reliance Laboratories, Bridgeport, WV
Sampling Contractor Smith Land Service, Glenville, WV

Well Operator ALLIED ENERGY, INC.
Address David W. Wiggers, Agent; 35 Ridgewood Blvd
Bellpre, OH 45714-8218
Telephone [304] 628-3672

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

Mark E. Mason
393 Mason Drive
Petroleum, WV 26161-6418

Mary Ann Mason
393 Mason Drive
Petroleum, WV 26161-6418

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JUL 31 2017

WV Department of
Environmental Protection

1). Date: _____
2.) Operator's Well Number Mason #1
State County Permit
3.) API Well No.: 47- 085 - 10035

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

4) Surface Owner(s) to be served: *Waiver* 5) (a) Coal Operator
(a) Name Mark E. Mason & Marv Ann Me Name N/A
Address 393 Mason Drive Address _____
Petroleum, WV 26161-6418
(b) Name _____ (b) Coal Owner(s) with Declaration
Address _____ Name _____
Address _____
(c) Name _____ Name _____
Address _____ Address _____
6) Inspector Michael D. Goff (c) Coal Lessee with Declaration
Address 1723 Auburn Road Name _____
Pullman, WV 26421-8003 Address _____
Telephone 3041 549-9823

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

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

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

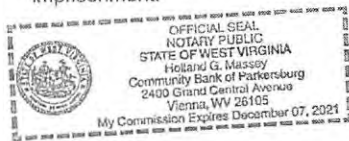
I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through ___ on the above named parties by:

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

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

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.



Well Operator ALLIED ENERGY, INC.
By: David W. Wiaqers David W. Wiaqers
Its: Agent
Address: 35 Ridgewood Blvd
Belpre, OH 45714-8218
Telephone: 7401 423-8820
Email: dwwiaqers@gmail.com

Subscribed and sworn before me this 21 day of April, 2017

Holland Massey Notary Public

My Commission Expires December 7, 2021

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 gsccprvacs@dep.wv.gov

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Office of Oil and Gas

JUL 31 2017

WV Department of
Environmental Protection

08/04/2017

SURFACE OWNER WAIVER

County 085 - Ritchie

Operator ALLIED ENERGY, INC.
Operator well number Mason #1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

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

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

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

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

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

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

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

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through ___ including a work order on Form WW2-B, a survey plat, WW-9, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

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

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Mark E. Mason
Signature

Date May 1, 2017

Company Name N/A
By
Its

RECEIVED
Office of Oil and Gas
Date JUL 31 2017

Mark E Mason & Mary Ann Mason

Print Name

Signature WV Department of Environmental Protection Date

08/04/2017

Affidavit of Personal Service

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Office of Oil and Gas

JUL 31 2017

State of West Virginia
County of Wood

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of – WV Department of Environmental Protection

- (1) Notice on Form WW-2(A) X / WW-3(A) ___ / WW-4(A) ___ / WW-5(A) ___ / WW-6(A) ___
 - (2) Application on Form WW-2(B) X / WW-3(B) ___ / WW-4(B) ___ / WW-5(B) ___ / WW-6(B) ___
 - (3) Plat showing the well location on Form WW-6, and
 - (4) Construction and Reclamation Plan on Form WW-9
- all with respect to operator's Well No. Mason #1, located in Grant District, Ritchie County, West Virginia, upon the person or organization named –

– by delivering the same in Ritchie County, State of West Virginia on the 1st day of May, 2017 in the manner specified below.

(COMPLETE THE APPROPRIATE SECTION)

For an individual:

Handing it to him X / her X / or, because he ___ / she ___ / refused to take it when offered it, by leaving it in his ___ / her ___ / presence.

Handing it to a member of his or her family above the age of 16 years named _____ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:

Handing it to _____, a partner of the partnership or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a limited partnership:

Handing it to the general partner, named _____, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:

Handing it to the corporation's employee ___ / officer ___ / director ___ / attorney in fact ___ / named _____.

Susan E. Stephens

(Signature of person executing service)

Taken, subscribed and sworn before me this 2nd day of May, 2017.

My commission expires: Nov. 21, 2022



Susan E. Stephens
Notary Public

08/04/2017

API Number 47 - 085 - 10035
Operator's Well No. Mason #1

WW-9
(5/16)

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

Operator Name ALLIED ENERGY, INC. OP Code 309558
Watershed (HUC 10) Marietta Run of Goose creek Quadrangle 686 - Willow Island

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:

- NO Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number 47-085-10035 / 47-085-05123 / 47-085-05190 - No Land Application)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

MAG
2-11-2017

Will closed loop system be used? If so, describe: no

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

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

Additives to be used in drilling medium? N/A

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

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

-Landfill or offsite name/permit number? _____

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

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

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

Company Official Signature David W. Wiggers

Company Official (Typed Name) David W. Wiggers

Company Official Title Agent for Allied Energy, Inc.

Subscribed and sworn before me this 21 day of April, 2017

Hollan Massey

Notary Public



My commission expires December 7, 2021

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Holland G. Massey
Community Bank of Parkersburg
2400 Grand Central Avenue
Vienna, WV 26105
My Commission Expires December 07, 2017

Proposed Revegetation Treatment: Acres Disturbed one acre Prevegetation pH 6.0

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 600 lbs/acre

Mulch 90 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type	lbs/acre
Contractors' Mix	100

Seed Type	lbs/acre
Contractors' Mix	100

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: _____

Date: _____

Field Reviewed? () Yes () No

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Office of Oil and Gas

JUL 31 2017

WV Department of
Environment & Natural Resources

Allied Energy, Inc.
Wells: Mason # 1 API 47-085-10035
Mark & Mary Mason 21.99 Acre Lease
Grant District Ritchie County
West Virginia

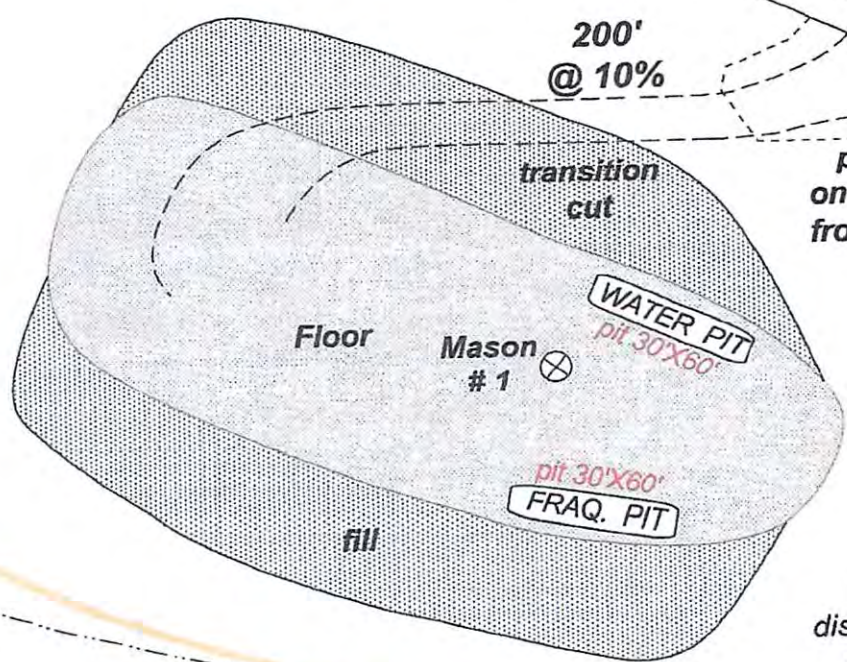
- 1: Erosion and sediment control will be used as per West Virginia erosion and sediment field manual and/or directed by district inspector.
- 2: Cross drains and sediment control will be placed as needed.
- 3: Amount and size of culverts to be placed where needed.
- 4: Cut and stack all trees 6 inches and above.
- 5: Stockpile top soil for reclamation purposes.
- 6: Temporarily seed and mulch all slopes.

old US Route 50

NOT TO SCALE
 N

200'
 @ 10%

place stone
 on access road
 from old RT. 50



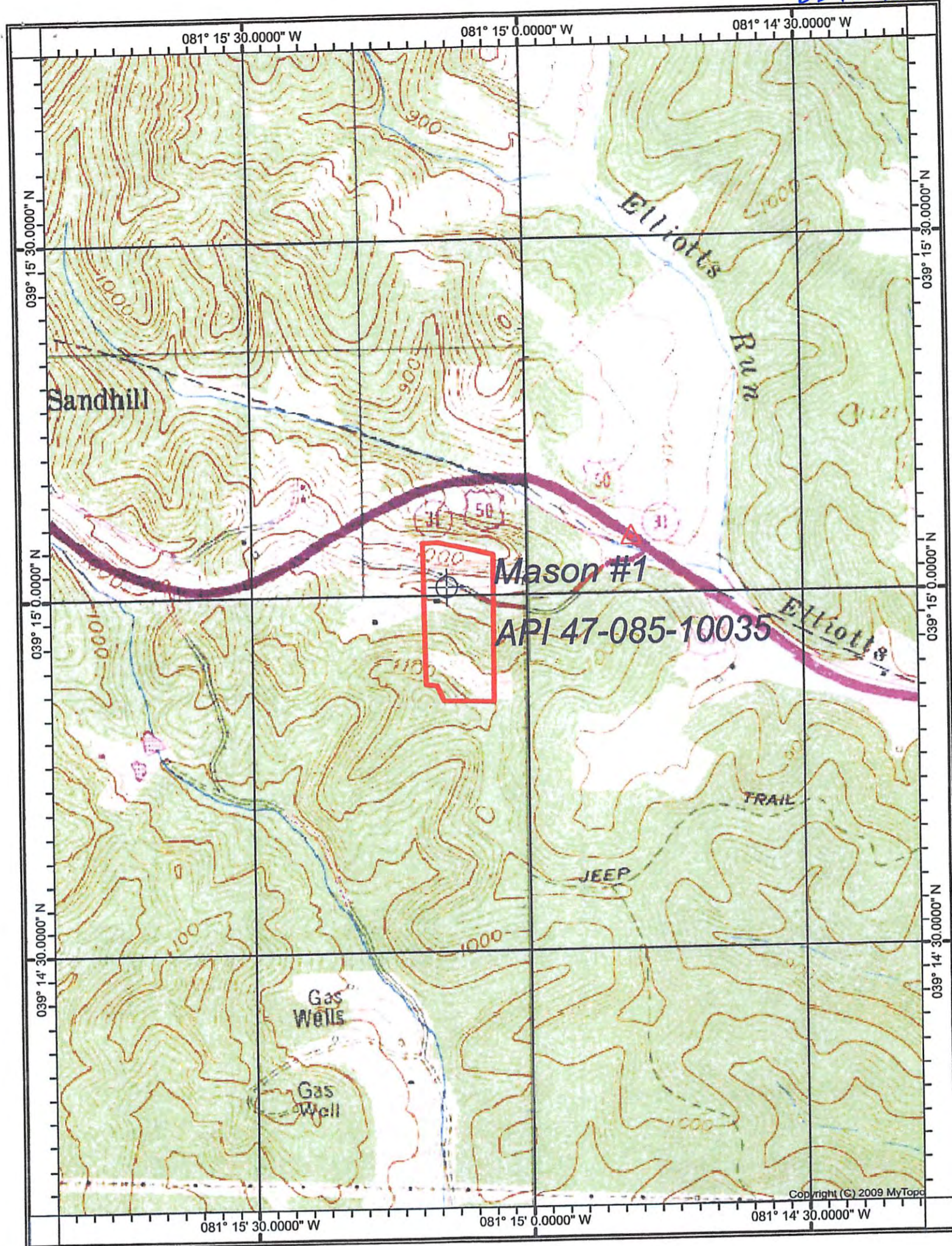
Marietta Run

sediment
 barrier

MAG
 7-11-2017

08/04/2017

8510035F



WILLOW ISLAND QUADRANGLE

SCALE 1' = 1000'

ALLIED ENERGY

WELL: MASON 1 API 47-085-10035
MARK & MARY MASON 21.99 ACRE LEASE

GRANT DISTRICT RITCHIE COUNTY WEST VIRGINIA

RECEIVED
Office of Oil and Gas

JUL 21 2017
08/04/2017

WV Department of
Environmental Protection

