

west virginia department of environmental protection

Office of Oil and Gas 601 57th Street SE Charleston, WV 25304 (304) 926-0450 (304) 926-0452 fax Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary www.dep.wv.gov

July 21, 2015

WELL WORK PERMIT

Vertical Well

This permit, API Well Number: 47-4303506, issued to HG ENERGY, LLC, 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 all 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 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.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-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) 926-0499 ext. 1654.

Operator's Well No: EDNA MAY #226

Farm Name: SMITH, DOYLE & JUDY

API Well Number: 47-4303506 Permit Type: Vertical Well Date Issued: 07/21/2015

PERMIT CONDITIONS

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

CONDITIONS

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

WW - 2B (Rev. 8/10)

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

		_				2	380
Well Operator	r: HG En	ergy, LLO	С	494497948	Lincoln	Duval	Griffithsville 7
		377		Operator ID	County	District	Quadrangl
Operator's W	ell Numbe	er: Edna N	Лау 226		3) Elevation:	840'	
Well Type: (a) OilX_	_ or Gas	s				
(b) If Gas:	Produc	ction/ Unc	derground Sto	rage		
		Deep	/ S				
Proposed Ta	rget Form	ation(s):	Berea	L F	Proposed Tar	get Depth: _	2495'
) Proposed To) Approximate) Approximate	fresh wat	er strata	depths: 230'	Officialion	Toposed Tota		
) Approximate							
Approximat	e void de	oths,(coa	al, Karst, other):	NA			_
o) rippi orini							
1) Does land o	contain co	I work an	s tributary to act ad fracturing meth	nods in detail (a	IA attach additiona	al sheets if ne	eded)
1) Does land o	contain co	ll work an	nd fracturing meth Berea. Stimulatio	nods in detail (a	attach additiona ydraulic fracture.	al sheets if ne	eded)
1) Does land of 2) Describe profil and stimulate p	contain co	II work an	nd fracturing meth Berea. Stimulatio	nods in detail (an will be small h	attach additiona ydraulic fracture.		
1) Does land of 2) Describe profil and stimulate p	contain co	II work an	nd fracturing meth Berea. Stimulation	nods in detail (a	attach additiona ydraulic fracture.	S CEME	
1) Does land of 2) Describe profil and stimulate p	posed well production see SPECIFIC	I work an well in the	nd fracturing meth Berea. Stimulation	nods in detail (an will be small h	attach additiona ydraulic fracture. RAM INTERVALS	S CEME	<u>NT</u>
1) Does land of 2) Describe profill and stimulate profile and stim	posed well production see SPECIFIC	I work an well in the	nd fracturing meth Berea. Stimulation	nods in detail (an will be small h	attach additiona ydraulic fracture. RAM INTERVALS	S CEME	NT J. Ft.)
1) Does land of 2) Describe profill and stimulate profile and stim	posed well production see SPECIFIC Size	I work an well in the <u>CA</u>	ASING AND TU	nods in detail (an will be small h	ettach additiona ydraulic fracture. RAM INTERVALS Left in Well	S CEME	NT J. Ft.)
1) Does land of 2) Describe profil and stimulate pr	posed well production see SPECIFIC Size	I work an well in the <u>CA</u>	ASING AND TU	nods in detail (an will be small h	ettach additiona ydraulic fracture. RAM INTERVALS Left in Well	S CEME	NT J. Ft.)
1) Does land of 2) Describe profill and stimulate profile and stim	posed well production see SPECIFIC Size	I work an well in the <u>CA</u>	ASING AND TU	nods in detail (an will be small h	RAM INTERVALS Left in Well 380'	Fill -up (Cu	Surface
1) Does land of 2) Describe proil and stimulate properties of the stimulate properties of the stimulate productor presh Water Coal Intermediate Production	sposed well production when the specific size 7"	CAATIONS Grade LS	Meight per ft	BING PROGE FOOTAGE For Drilling 380'	RAM INTERVALS Left in Well 380'	Fill -up (Cu	Surface
1) Does land of 2) Describe profil and stimulate pr	sposed well production when the specific size 7"	CAATIONS Grade LS	Meight per ft	BING PROGE FOOTAGE For Drilling 380'	RAM INTERVALS Left in Well 380'	Fill -up (Cu	Surface

WW-2A (Rev. 6-14)		1). Date	e: May 21, 2015
(Rev. 0-14)		2.) One	erator's Well Number Edna May 226
			State County Permit Well No.: 47-
DEP	ARTMENT OF ENVIRONMENTA NOTICE AND APPLICATION	ON FOR A V	TION, OFFICE OF OIL AND GAS WELL WORK PERMIT
4) Surface Ow) (a) Coal Ope	
(a) Name	Judy Miller Smith	Name	NA
Address	25 Pond Gap Road	Address	
	Yawkev. WV 25573	100000000000000000000000000000000000000	
(b) Name	Arthur & Romaline White		Owner(s) with Declaration
Address	7564 Plum Orchard Road	Name	NA
	Munith. MI 49259	Address	
(c) Name	Justin White	Name	
Address	53 Bear Fork Road	Address	
	Yawkev. WV 25573		The second secon
6) Inspector	Ralph Triplett	(c) Coal Le	essee with Declaration
Address	5539 McClellan Hwv	Name	NA
	Branchland, WV 25506	Address	
Telephone	304-389-0350		
	TO THE PERSONS NAME	ED ABOVE T	TAKE NOTICE THAT:
	he lease or leases or other continuing co	ontract or contr	racts by which I hold the right to extract oil and gas
OR Included is t	he information required by Chanter 22. A	Article 6. Section	on 8(d) of the Code of West Virginia (see page 2)
I certify	that as required under Chapter 22-6 of	the West Viro	ginia Code I have served copies of this notice and
application, a loc	cation plat, and accompanying document	ts pages 1 thro	ough on the above named parties by:
E E E E E E E E E E E E E E E E E E E	Personal Service (Affidavit attache	ed)	
	Certified Mail (Postmarked postal	receipt attache	ed)
_	Publication (Notice of Publication	attached)	I am a to the town and annihilans of any name
		5 CSR 4, and	d I agree to the terms and conditions of any permit
issued under this	s 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.

Oil and Gas Privacy Notice

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
S. DIANNE DULANEY
5260 Dupont Road
Parkersburg, West Virginia 26101
My Commission Expires Oct. 4, 2016

Vell Operator
By: HG Energy, LLC
Diane White
Its: Agent

Address: 5260 Dupont Road
Parkersburg, WV 26101

Telephone: 304-420-1119

Email: dwhite@haeneravllc.com

Subscribed and sworn before me this 21 day of Mav

Notary Puntfice of Oil & Gas

My Commission Expires 24.4 30/6

JUN 0 4 2015

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

WW-2A1 (Rev. 1/11)

Operator's Well Number Ed	ina J. May 22
---------------------------	---------------

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
-----------------------	-----------------------	---------	-----------

- See Attached Form -

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 he reby a cknowledges 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 ac quired from the appropriate aut hority before the affected activities initiated.

	Diane White	<u> </u>
Well Operator:	HG Energy, LLC	
By: Its:	Agent, Diane White	
-		

Form	WW-2A(1)
(10/10))

Operator's Well No. Edna J. May 226

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, 1 depose and say that 1 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
Vera May Krebs, et al	Pennzoil Company	1/8	35/154

Merger and Conveyance dated July 3, 1963, from South Penn Oil Company to Penzoil Company, Kanawha County, Book 153, Page 35,

Assignment, Conveyance and Bill of Sale dated December 28, 1998, from Pennzoil Company to Pennz Energy Exploration and Production, Wetzel County, Book 12, Page 177.

Certificate of Merger filed with the WV Secretary of State, December 31, 1999, whereby Pennz Energy Exploration and Production, successor in interest to; to Penzoil Company, merged with Devon Energy Production Company, LP, Wetzel County, Book 12, Page 278.

Deed, Assignment and Bill of Sale dated June 1, 2000, from Devon Energy Production Company, LP to East Resources, Inc., recorded in Wetzel County, Book 370, Page 580.

Assignment, Conveyance and Bill of Sale, dated January 1, 2011, from East Resources, Inc., to HG Energy, LLC, Wetzel County, Book 118A, Page 253.

Upon information and belief, Operator's lease and/or other real property rights permit it to conduct drillingerations for the subject well in the location shown on the plat, including the use of access roads, pipelines and utilities.

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 ackowledges 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 US Fish and Wildlife Service County Floodplain Coordinator Received Office of Oil & Gas JUN 0 4 2015

Well Operator:	HG Energy, LLC_	
Ву:	Diane C. White	Diane White
Its:	Agent	07/24/2015

WW-2B	1
(5-12)	

Well No	Edna J. May 226	

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 Labora	atory Name	Sturm Environmental	
Sampling Cont		Sturm Environmental	
Well Operator	HG Energy, LLC		
Address	5260 Dupont Ro		
71001000	Parkersburg, W		
Telephone 304-420-1119			

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.

- See Attached Form-

Received Office of Oil & Gas

Edna J May 226

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.

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 underlining which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

Surface Owners Identified With Water Sources to be Sampled and Tested:

- Arthur & Romaline White 7564 Plum Orehard Road Munith, MI 49259
- Ronald & Debra Tawney
 91 Pond Gap Road
 Yawkey, WV 25573
- Michael Saul
 PO Box 272
 Griffithsville, WV 25521
- Herbert Morgan
 72 Bear Fork Road
 Yawkey, WV 25573
- John Chandler
 62 Bear Fork Road
 Yawkey, WV 25573
- John Chandler
 62 Bear Fork Road
 Yawkey, WV 25573
- David Lawson
 First American Way
 Westlake, TX 76262

- Judy Miller Smith
 25 Pond Gap Road
 Yawkey, WV 25573
- Vicky Adkins
 5115 Straight Fork Road
 Griffithsville, WV 25521
- Lester Smith
 82 Bear Fork Road
 Yawkey, WV 25573
- Monnie Woodrum
 64 Bear Fork Road
 Yawkey, WV 25573
- Gregory Brisendine
 50 Bear Fork Road
 Yawkey, WV 25573
- Linda Owsley
 PO Box 246
 Griffithsville, WV 25521
- Venita Gail Hager
 38 Bear Fork Road
 Yawkey, WV 25573

Received Gas Office of Oil & 2015

W	W-9
(5	(13)

P	ageof
API Number 47 -	8/
Operator's Well No.	Edna J May 226

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name HG Energy, LLC	OP Code494497948
Vatershed (HUC 10) Bear Fork	Quadrangle Griffithsville 7.5
	ty Lincoln District Duval
to you anticipate using more than 5,000 bbls of	water to complete the proposed well work? Yes No _X
/ill a pit be used for drill cuttings? Yes X	No
If so, please describe anticipated pit was	te: Fluids encountered while drilling the production well
	Yes X No If so, what ml.? 20 mll
Proposed Disposal Method For Treated	Pit Wastes:
Land Application	Year and the second of the sec
Underground Injection Reuse (at API Number	(UIC Permit Number)
Off Site Disposal (Su	pply form WW-9 for disposal location)
Other (Explain_	
to No	
	reshwater, oil based, etc. Air, Fresh Water
-If oil based, what type? Synthetic, petr	roleum, etc. NA
Additives to be used in drilling medium? Water,	Soap, KCI
	dfill, removed offsite, etc. Leave in pit
-If left in pit and plan to solidify what n	nedium will be used? (cement, lime, sawdust) Native soil, cement, lime
-I andfill or offsite name/permit numbe	?
	the terms and conditions of the GENERAL WATER POLLUTION PERMIT is
on August 1, 2005, by the Office of Oil and Gas provisions of the permit are enforceable by law law or regulation can lead to enforcement action I certify under penalty of law that I I application form and all attachments thereto obtaining the information, I believe that the inpenalties for submitting false information, include	of the West Virginia Department of Environmental Protection. Tunderstand did. Violations of any term or condition of the general permit and/or other appliance personally examined and am familiar with the information submitted or and that, based on my inquiry of those individuals immediately responsible information is true, accurate, and complete. I am aware that there are significant the possibility of fine or imprisonment.
Company Official Signature Diane	
Company Official (Typed Name) Diane Whitte	Floce IVE CON & Gas
Company Official Title Agent	OFFICE OFFICIALD SEALIS
Subscribed and sworn before me this 21st	day of May STATE OF WEST VIRGINIA 20 15. DIANNE DULANEY 5260 Dupont Road Parkerspurg. West Virginia 26101 Parkerspurg. West Virginia 26101 A 2018
April 1	My Commission Experience
My commission expires OC4. 4,	07/2

07/24/2015

FULLI 18 18 78 7 7	Form	ww-9
---------------------------	------	------

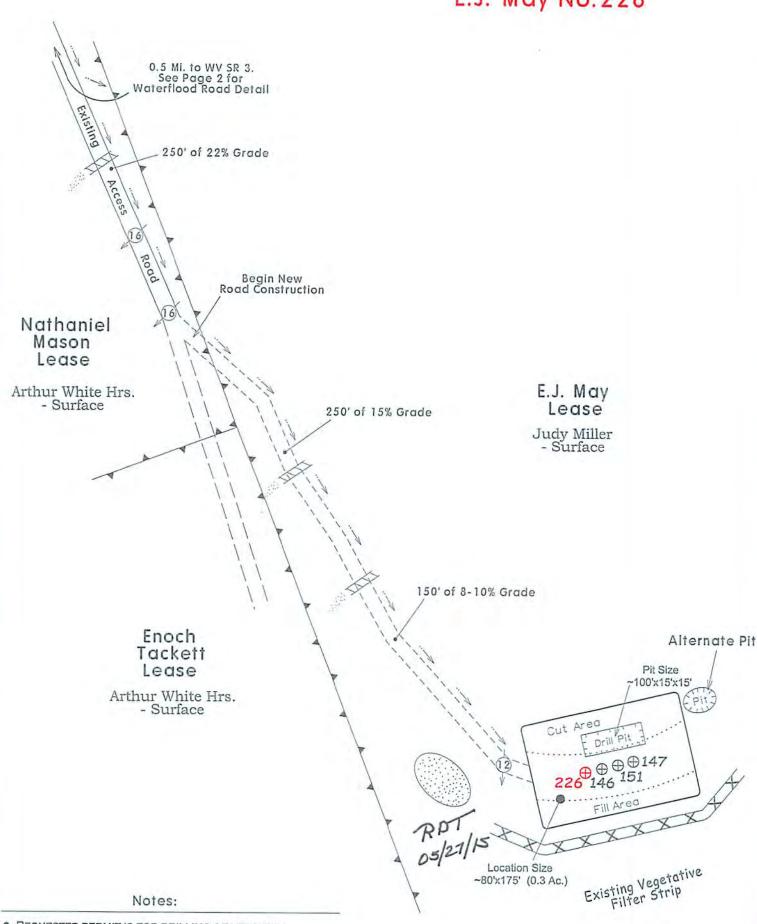
Proposed Revegetation Tre			
Lime 3	atment: Acres Disturbed_	1.00 Prevegetation pl	н
	Tons/acre or to core	rect to pH 6.5	
E 485 (10.20)		lbs/acre (500 lbs minimum)	
Mulch Straw	20 of equivalent)	Tons/acre	
Mulch		Seed Mixtures	•
		-	rea II
Seed Type	Area I lbs/acre	Seed Type	lbs/acre
Tall Fescue	40	Tall Fescue	40
Ladino Clover	5	Ladino Cloveer	5
Ladino Giovoi			
	egl D. Triple	AD)	
Plan Approved by:			
Plan Approved by: R			

Reclamation Plan For:

E. Tackett No. 146 E.J. May No. 147

E.J. May No. 151

E.J. May No. 226

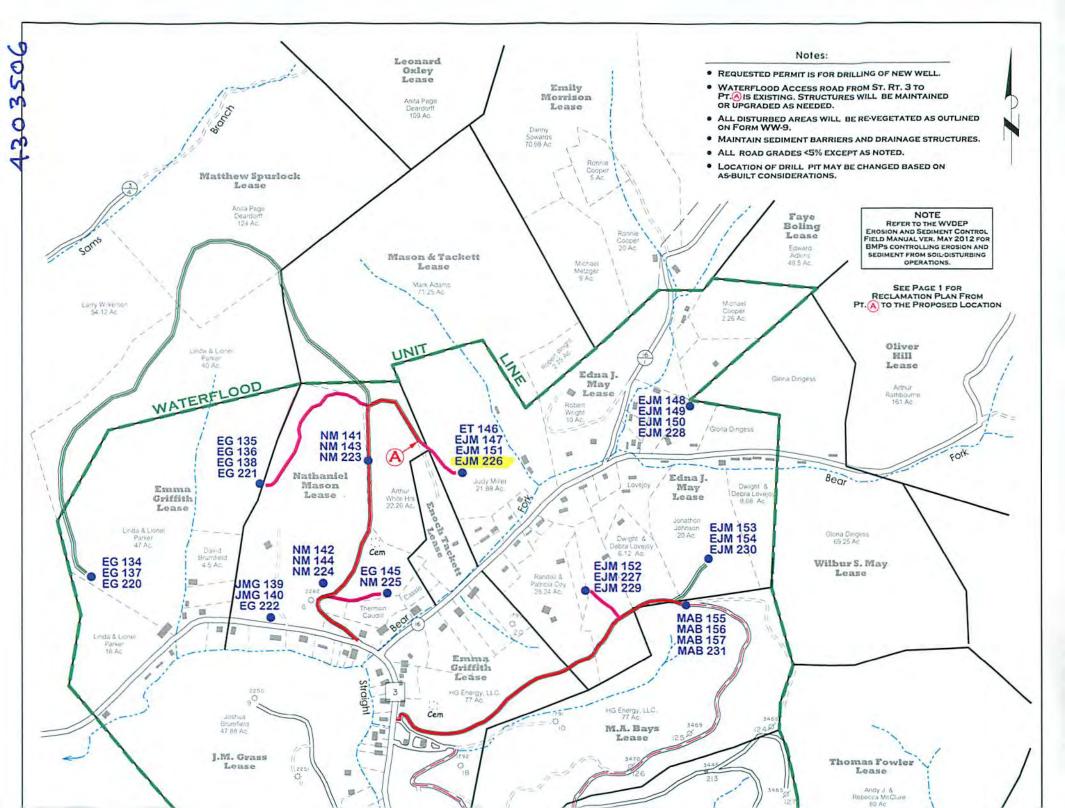


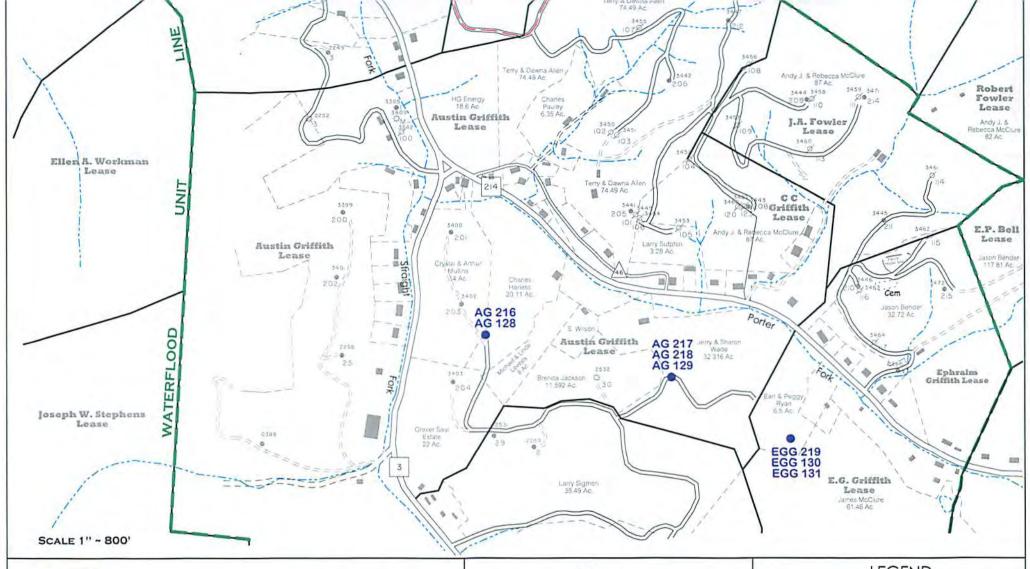
- REQUESTED PERMIT IS FOR DRILLING OF NEW WELL.
- SOME ACCESS ROADS ARE EXISTING AND WILL BE UPGRADED TO WVDEP STANDARDS. NEW STRUCTURES WILL BE INSTALLED AS SHOWN.
- STOCKPILE TOPSOIL FOR RE-DRESSING LOCATION DURING RECLAMATION
- ALL DISTURBED AREAS WILL BE RE-VEGETATED AS OUTLINED ON FORM WW-9.
- MAINTAIN SEDIMENT BARRIERS AND DRAINAGE STRUCTURES.
- ALL ROAD GRADES <5% EXCEPT AS NOTED.
- LOCATION OF DRILL PIT MAY BE CHANGED BASED ON AS-BUILT CONSIDERATIONS.
- STACK BRUSH BELOW DISTURBED AREAS FOR SEDIMENTATION CONTROL.
- DRAWING NOT TO SCALE.

07/24/2015

NOTE

REFER TO THE WVDEP
EROSION AND SEDIMENT CONTROL
FIELD MANUAL VER. MAY 2012 FOR
BMPS CONTROLLING EROSION AND
SEDIMENT FROM SOIL-DISTURBING
OPERATIONS.







GRIIFTHSVILLE WATERFLOOD

Lincoln County, W.Va.

RECLAMATION PLAN SHOWING ROAD SYSTEMS TO BE USED FOR 2015 **DRILLING PROGRAM** (NORTH)

NOTES

- 1. REFER TO THE WVDEP EROSION AND SEDIMENTATION CONTROL MANUAL (VER. MAY 20, 2013) FOR BMP's CONTROLLING **EROSION AND SEDIMENTATION FROM ALL** SOIL-DISTURBING OPERATIONS.
- 2. SEE PAGE ONE OF RECLAMATION PLAN FOR DETAILS OF NEW ROAD CONSTRUCTION AND ROAD UPGRADES FROM POINT A TO DRILL SITE LOCATION.
- 3. EXISTING WATERFLOOD ACCESS ROADS WILL BE MAINTAINED IN PRESENT CONDITION. THESE ROADS WERE CONSTRUCTED UNDER CONDITIONS SET FORTH IN VARIOUS DRILLING PERMITS ISSUED BY WVDEP-OOG PRIOR TO 2015 (AS SHOWN). SEE PERMITS ON FILE FOR MORE DETAIL.

LEGEND

EXISTING WATERFLOOD ROADS TO BE USED.

OTHER EXISTING MAIN WATERFLOOD ROADS (POSSIBLE ACCESS).

EXISTING LEASE OR FARM ROADS TO BE UPGRADED.

NEW ROADS TO BE

CONSTRUCTED.

AG 216

LOCATION FOR PROPOSED WELLS

POTENTIAL WATER SUPPLY SOURCE TO BE SAMPLED (LOC. APPROX.)

MARCH 3, 2015

PAGE 2

