

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

Tuesday, February 16, 2021 WELL WORK PLUGGING PERMIT Vertical Plugging

NYTIS EXPLORATION COMPANY LLC PO BOX 8

RAVENSWOOD, WV 26164

Re: Permit approval for DEK-38 47-035-01413-00-00

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: DEK-38

Farm Name: KAY, JOHN P.

U.S. WELL NUMBER: 47-035-01413-00-00

Vertical Plugging Date Issued: 2/16/2021

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. <u>Failure to adhere to the specified</u> 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. This well is under a consent order and must be plugged within two years of the date of issuance of this permit.

WV Department of Environmental Protection

PLUGGING PROGNOSIS

API# 47-035-01413 West Virginia, Jackson County

Casing Schedule

9 5/8" csg @ 244' cemented w/ 110 sx to surface 7" csg @ 2,377' cemented w/ 75 sx to 625' 4 1/2" csg @ 4,615' cemented w/ 150 sx to 1,800' Well tubed to unknown depth TD 4,615'

Completion:

tla)

Oriskany: 4511'- 4513' Shale: 3717'-3860'

Fresh Water: None Reported Gas Shows: None Reported Oil Show: None Reported Coal: None Reported Elevation: 814'

All Free pipe will be pulled

- 1. Notify Inspector Joe Taylor @ 304-380-7469, 48 hours prior to commencing operations.
- 2. Check and record pressures on csg/tbg.
- 3. TOOH LD tbg. Inspect tbg.
- 4. Check TD w/ wireline.
- 5. TIH w/ tbg to 4,513'. Kill well as needed with 6% bentonite gel. Pump 102' C1A cement plug from 4,513'-4,411' (Oriskany Completion). Tag cement and top off if needed
- TOOH w/ tbg to 4,411'. Pump 6% bentonite gel from 4,411'-3,860'.
- 7. TOOH w/ tbg to 996'. Pump 177' C1A cement plug from 3,860'-3,617' (Shale Completion).
- 8. TOOH w/ tbg to 2189'. Pump 6% bentonite gel from 3,617'-2,427'.
- 9. Free point 4 1/2" csg. Cut and TOOH. Set 100' C1A cement plug across csg cut. 50' in/out of the D9 Oil and Gas not omit any plugs listed below. Perforate/rip as needed. DEC 28 2020
- 10. TIH w/tbg to 2,427'. Pump 100' C1A cement plug from 2,427'-2,327' (7" csg seat).
- 11. TOOH w/ tbg to 2,327'. Pump 6% bentonite gel from 2,327'-814'.
- 12. TOOH w/ tbg to 814'. Pump 100' C1A cement plug from 814'-714' (Elevation).

13. TOOH w/tbg to 714'. Pump 6% bentonite gel from 714'-294'. TOOH LD tbg.

14. Free point 7" csg. Cut and TOOH. Set 100' C1A cement plug across csg cut. 50' in/out of cut. Do not omit any plugs listed below. Perforate as needed.

- 15. TIH w/tbg to 294'. Pump 100' C1A cement plug from 294'-194' (9 5/8" csg seat).
- 16. TOOH w/ tbg to 194'. Pump 6% bentonite gel from 194'- 100'.
- 17. TOOH w/ tbg to 100'. Pump 100' C1A cement plug from 100'-surface (Surface).
- 18. Erect monument with API#, date plugged, and company name.
- Reclaim location and road to WV-DEP specifications.

VW my 2/11/2021

OG-10 Rev. - 9-71





STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD 20

Quadrangle Ravenswood

Permit No. JAC 1413

MAR - 6 1978

OIL & GAS DIVISION

RotaryXXX	Oil
Cable	GasXXX
Recycling	Comb.
Water Flood	Storage
Disposal	(Kind)

Company Kaiser Exploration & Mining Co. Address Box 98, Ravenswood, WV Farm John P. Kay et al Acres 52	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Location (waters) Branch of Lick Run- Well No. DEK #38 Elev.617	Size 20-16			
District Union County Jackson	Cond.			
The surface of tract is owned in fee byRachel Kay	13-10"			
	9 5/8	244	244	110 Sax=to surface
Address 2807 Lincoln Ave., St. Albans, WV	8 5/8			
Mineral rights are owned by John P. Kay et al	7	2377	2377	75 Sax=625'
Addressas_above	5 1/2			
Drilling Commenced August 13, 1977	4 1/2		4615	150Sax=1800'
Drilling Completed September 2, 1977	3			
Initial open flow 42 MCFD XXXX bbls.	2			
Final production 50 MCFQcu. ft. per daybbls.	Liners Used			
Well openhrs. before test 650 RP.				
Well treatment details:	Attach copy of	cementing rec		cementing by iburton.

with 1000 gallons acid, 33,000# sand and 713 bbl. water. Perforated Brown Shale @ 3717 to 3860 with 25 shots. Fractured with 1000 gal. MCA, 90,000# sand and 952 bbls. water.

Coal was encountered at ___ Feet Producing Sand Oriskany, Br. Shale 4511-4513 & 3717-3860

Formation Color Hard or Sc	oft Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Red Shale & Shells	0	277		
Sand	277	314		
Slate & Shells	314	518		
Sand	518	558		
Red Rock	558	586		
Slate	586	628		
Red Rock	628	652		
Sand	652	682		
Red Rock	682	704		
Slate	704	744		
Sand	744	762		
Red Rock	762	816		
Slate	816	890		
Sand	890	902		
Red Rock	902	923		DECER
Slate	923	940		Office of Oil and Gas
and	940	952		Office of Off and Gas
Blate & Shells	952	1054		DEC 0 a good
Salt Sand	1054	1104		DEC 2 2 2020
hale	1104	1134		
Salt Sand	1134	1184		WV Department of Environmental Protection
late	1184	1211		Environmental Protection
alt Sand	1211	1250		

(over)

* Indicates Electric Log tops in the remarks section.

Formation Color Hard or Soft	Top Feet 20	Bottom Feet	Oil, Gas or Water * Remarks
Slate Salt Sand Slate & Shells Maxon Sand Big Lime Shale Injum Sand Shale & Shells Coffee Shale Berea Sand Gray Shale Brown Shale Gray Shale Marcellus Shale Onondaga L.S. Oriskany Sand Helderberg L.S. Log Total Depth	Top Feet 20 1250 1315 1460 1692 1724 1813 1870 1976 2279 2292 2299 3438 3891 4296 4428 4502 4524	1315 1460 1692 1724 1813 1870 1976 2279 2292 2299 3438 3891 4296 4428 4502 4524 4641 4641	Oil, Gas or Water * Remarks
			Office of Oil and Gas DEC 2 2 2020 WV Department of Environmental Protection

APPROVED By Operations Manager (Title)

WW-4B Rev. 2/01

1) Date December 18th ,	2020
2) Operator's	
Well No. Kay John P Dek 38	
3) API Well No. 47-035	- 01413

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

4)	APPLICATION FOR A PERM	MIT TO PLUG AND ABANDON
	Well Type: Oil/ Gas x/ Liquid	d injection/ Waste disposal/
	(If "Gas, Production X or Und	derground storage) Deep/ Shallowx
5)	Location: Elevation 814'	Watershed Lower Mill Creek
	District Ravenswood	County Jackson Quadrangle Ravenswood
6)	Well Operator Nytis Exploration Company LLC	7) Designated Agent Jeff Mast
	Address P.O. Box 6070	Address P.O. Box 6070
	Charleston, WV 25362	Charleston, WV 25362
8)	Oil and Gas Inspector to be notified	9) Plugging Contractor
- /	Name Joe Taylor	Name Diversified Production LLC (In-house Rig)
	Address 1478 Claylick Road	Address 1951 Pleasantview Ridge Road
	Ripley, WV 25271	Ravenswood, WV 26164
		RECEIVED Office of Oil and Gas DEC 2 8 2020 WV Department of Environmental Protection

01413

WW-4A Revised 6-07

1) Date:	12/18/2020	
2) Operator	r's Well Number	
Kay John P Dek 3		

035

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

3) API Well No.: 47 -

	Surface Own		5) (3	(a) Coal Operator Name
	(a) Name	Joshua Burge		
	Address	49 Affirmed Drive		Address
	5004	Evans, WV 25241		(b) Coal Owner(s) with Declaration
	(b) Name			
	Address			Titalic
				Address
	(c) Name			Name
	Address			Address
3) I	nspector	Joe Taylor		(c) Coal Lessee with Declaration
	Address	1478 Claylick Road		Name
		Ripley WV 25271		Address
1	Telephone	304-380-7469		
TC	(1) The a well it (2) The p	pplication to Plug and Al is and the plugging work lat (surveyor's map) show	bandon a Well on F order; and ving the well locations is is that you have rig	Form WW-4B, which sets out the parties involved in the work and describes the on on Form WW-6. The summarized in the instructions on the reverses side on the instructions on the reverses side on the instructions on the reverses side on the reverses side on the instructions on the reverses side on the instructions on the reverses side on the instructions on the reverses side on the reverses side on the instructions on the reverses side on the reverse side of the reverse
rc	(1) The a well it (2) The p The reason y However, you have accompanyity protection, the Application of the	pplication to Plug and Al is and the plugging work lat (surveyor's map) show you received these document in are not required to take any that under Chapter 22-6 of the ing documents for a permit to	bandon a Well on Forder; and ring the well location is is that you have rig y action at all. the West Virginia Code plug and abandon a velocation described or mailed by registered	Form WW-4B, which sets out the parties involved in the work and describes the on on Form WW-6. The sets regarding the application which are summarized in the instructions on the reverses side the, the undersigned well operator proposes to file or has filed this Notice and Application and well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmenta on the attached Application and depicted on the attached Form WW-6. Copies of this Notice for certified mail or delivered by hand to the person(s) named above (or by publication in
rc	(1) The a well it (2) The p The reason y However, you have accompanyity protection, the Application of the	pplication to Plug and Al sand the plugging work lat (surveyor's map) show you received these document u are not required to take any that under Chapter 22-6 of the godocuments for a permit to with respect to the well at the ion, and the plat have been	bandon a Well on Forder; and ring the well location is is that you have rig y action at all. the West Virginia Code plug and abandon a velocation described or mailed by registered	Form WW-4B, which sets out the parties involved in the work and describes the on on Form WW-6. The sets regarding the application which are summarized in the instructions on the reverses side the, the undersigned well operator proposes to file or has filed this Notice and Application and well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmenta on the attached Application and depicted on the attached Form WW-6. Copies of this Notice for certified mail or delivered by hand to the person(s) named above (or by publication in
rc	(1) The a well it (2) The p The reason y However, you have accompanyity protection, the Application of the	pplication to Plug and Ales and the plugging work lat (surveyor's map) show you received these document us are not required to take any that under Chapter 22-6 of the glocuments for a permit to with respect to the well at the ion, and the plat have been mstances) on or before the disconnections.	bandon a Well on Forder; and ring the well location is is that you have rig y action at all. the West Virginia Code plug and abandon a velocation described or mailed by registered	Form WW-4B, which sets out the parties involved in the work and describes the on on Form WW-6. The sets regarding the application which are summarized in the instructions on the reverses side the, the undersigned well operator proposes to file or has filed this Notice and Application and well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmenta on the attached Application and depicted on the attached Form WW-6. Copies of this Notice of or certified mail or delivered by hand to the person(s) named above (or by publication in ery to the Chief
FC	(1) The a well if (2) The p The reason However, you Take notice accompanyity Protection, with Application certain circumstances.	pplication to Plug and Al s and the plugging work lat (surveyor's map) show you received these document u are not required to take any that under Chapter 22-6 of the glocuments for a permit to vith respect to the well at the ion, and the plat have been mstances) on or before the discounter to the discounter that the control of the discounter that the control of the discounter that the plat have been mstances) on or before the discounter that the control of the discounter that the control of the discounter that the control of the discounter that the plugging work later than the plugging wor	bandon a Well on Forder; and ring the well location is is that you have rig action at all. The West Virginia Code plug and abandon a velocation described or mailed by registered ay of mailing or deliver	Form WW-4B, which sets out the parties involved in the work and describes the on on Form WW-6. The sets regarding the application which are summarized in the instructions on the reverses side the, the undersigned well operator proposes to file or has filed this Notice and Application and well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmenta on the attached Application and depicted on the attached Form WW-6. Copies of this Notice of or certified mail or delivered by hand to the person(s) named above (or by publication in ery to the Chief
rc	(1) The a well if (2) The p The reason However, you have notice accompanyly Protection, with Application certain circums.	pplication to Plug and Als and the plugging work lat (surveyor's map) show you received these document user not required to take any that under Chapter 22-6 of the documents for a permit to vith respect to the well at the ion, and the plat have been metances) on or before the discovered to the control of the discovered to the well at the ion, and the plat have been metances) on or before the discovered to the well at the ion, and the plat have been metances.	bandon a Well on Forder; and fring the well location at all. the West Virginia Code plug and abandon a vertical plug and	Form WW-4B, which sets out the parties involved in the work and describes the on on Form WW-6. The sets regarding the application which are summarized in the instructions on the reverses side the, the undersigned well operator proposes to file or has filed this Notice and Application and well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmenta on the attached Application and depicted on the attached Form WW-6. Copies of this Notice is or certified mail or delivered by hand to the person(s) named above (or by publication in ery to the Chief
FC	(1) The a well it (2) The p The reason However, you Take notice accompanyity Protection, the Application certain circumstances.	pplication to Plug and Ales and the plugging work lat (surveyor's map) show you received these document us are not required to take any that under Chapter 22-6 of the documents for a permit to with respect to the well at the ion, and the plat have been mistances) on or before the distriction of th	bandon a Well on Forder; and ving the well location at all. the West Virginia Code plug and abandon a velocation described or mailed by registered ay of mailing or deliver. Well Operator By:	Form WW-4B, which sets out the parties involved in the work and describes the on on Form WW-6. The sets regarding the application which are summarized in the instructions on the reverses side of the undersigned well operator proposes to file or has filed this Notice and Application and well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmenta on the attached Application and depicted on the attached Form WW-6. Copies of this Notice of certified mail or delivered by hand to the person(s) named above (or by publication in the Chief Nytis Exploration Company LLC Jeff Mast
rc	(1) The a well it (2) The p The reason However, you Take notice accompanyity Protection, the Application certain circumstances.	pplication to Plug and Ales and the plugging work lat (surveyor's map) show you received these document us are not required to take any that under Chapter 22-6 of the documents for a permit to with respect to the well at the ion, and the plat have been metances) on or before the documents for a permit to with respect to the well at the ion, and the plat have been metances) on or before the documents for a permit to with respect to the well at the ion, and the plat have been metances) on or before the documents for the documents of the interpretation of the interpret	bandon a Well on Forder; and ring the well location at all. the West Virginia Code plug and abandon a velocation described or mailed by registered ay of mailing or delive Well Operator By: Its: Address	Form WW-4B, which sets out the parties involved in the work and describes the on on Form WW-6. The sets regarding the application which are summarized in the instructions on the reverses side of the undersigned well operator proposes to file or has filed this Notice and Application and well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmenta on the attached Application and depicted on the attached Form WW-6. Copies of this Notice of or certified mail or delivered by hand to the person(s) named above (or by publication in erry to the Chief. Nytis Exploration Company LLC Jeff Mast Director Production
FC	(1) The a well it (2) The p The reason However, you Take notice accompanyity Protection, the Application certain circumstances.	pplication to Plug and Ales and the plugging work lat (surveyor's map) show you received these document us are not required to take any that under Chapter 22-6 of the documents for a permit to with respect to the well at the ion, and the plat have been mistances) on or before the distriction of th	bandon a Well on Forder; and fring the well location at all. the West Virginia Code plug and abandon a vertical plug and	Form WW-4B, which sets out the parties involved in the work and describes the on on Form WW-6. ghts regarding the application which are summarized in the instructions on the reverses side the, the undersigned well operator proposes to file or has filed this Notice and Application and well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmenta on the attached Application and depicted on the attached Form WW-6. Copies of this Notice or certified mail or delivered by hand to the person(s) named above (or by publication in ery to the Chief Nytis Exploration Company LLC Jeff Mast Director Production P.O. Box 6070
	(1) The a well if (2) The p The reason of However, you have notice accompanyly Protection, with Application certain circums and the Application of	pplication to Plug and Ales and the plugging work lat (surveyor's map) show you received these document us are not required to take any that under Chapter 22-6 of the documents for a permit to with respect to the well at the ion, and the plat have been mistances) on or before the distriction of th	bandon a Well on Forder; and ving the well location is is that you have rigg action at all. The West Virginia Code plug and abandon a velocation described or mailed by registered ay of mailing or deliver. Well Operator By: Its: Address Telephone	Form WW-4B, which sets out the parties involved in the work and describes the on on Form WW-6. The sets regarding the application which are summarized in the instructions on the reverses side the, the undersigned well operator proposes to file or has filed this Notice and Application and well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmenta on the attached Application and depicted on the attached Form WW-6. Copies of this Notice is or certified mail or delivered by hand to the person(s) named above (or by publication in ery to the Chief Nytis Exploration Company LLC Jeff Mast Director Production P.O. Box 6070 Charleston, WV 25362

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 office of Oil and Gas al information, please contact DEP's Chief Privacy Officer at depprivacyoffier@wv.gov.

Well Number: DEK 38 API: 47-035-01413 P

26	U.S. Postal Service™ CERTIFIED MAIL® REC	CEIPT
20	For delivery information, visit our websit	A at Innum
3854	Certified Mail Fee	USE.
E E	\$ \$3.55 Extra Services & Fees (check box, add tee & subpodificate)	0523
5000	Return Receipt (hardcopy) \$ \$11. [1] Return Receipt (electronic) \$ \$1. [1] Certified Mail Restricted Delivery Adult Signature Required \$ 40. 101.	03 Postmark Here
1450	s \$1.40	
	Total Postage and Fees \$ \$7.80	12/21/2020 DEK 38
	Street and Apt, No., or PO Box No.	e
L	PS Form 3800, April 2015 PSN 7530-02-000-9047	See Reverse for Instructions

RECEIVED Gas Office of Oil and Gas

DEC 2 22020

WV Department of Environmental Protection

API Number 47 - 035 0 14 1 3 P Operator's Well No. Kay John & Ock 38

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Nytis Exploration Company LLC	OP Code 494473563
Watershed (HUC 10) Lower Mill Creek	Quadrangle Ravenswood
Do you anticipate using more than 5,000 bbls of water to con	mplete the proposed well work? Yes No
Will a pit be used? Yes No	
If so, please describe anticipated pit waste: Produ	ced fluid and cement returns
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 pro Underground Injection (UIC Per Reuse (at API Number	vide a completed form WW-9-GPP) mit Number 2D0190460
Off Site Disposal (Supply form V	WW-9 for disposal location)
Will closed loop systembe used? If so, describe: N/A	
Drilling medium anticipated for this well (vertical and horiz	
-If oil based, what type? Synthetic, petroleum, etc.	N/A Office of Gil and Gas
Additives to be used in drilling medium? N/A	DEC 2 8 2020
Drill cuttings disposal method? Leave in pit, landfill, remov	ved offsite etc. N/A
-If left in pit and plan to solidify what medium will	avv Department of
-Landfill or offsite name/permit number? N/A	
West Virginia solid waste facility. The notice shall be provi where it was properly disposed.	nd Cas of any load of drill cuttings or associated waste rejected at any ded within 24 hours of rejection and the permittee shall also disclose
on April 1, 2016, by the Office of Oil and Cas of the West provisions of the permit are enforceable by law. Violations or regulation can lead to enforcement action. I certify under penalty of law that I have person application form and all attachments thereto and that, based	nd conditions of the GENERAL WATER POLLUTION PERMIT issued. Virginia Department of Environmental Protection. I understand that the of any term or condition of the general permit and/or other applicable law nally examined and am familiar with the information submitted on this on my inquiry of those individuals immediately responsible for obtaining urate, and complete. I am aware that there are significant penalties for official seal.
Company Official Signature	Phyllis A. Copley
Company Official (Typed Name) Jeff Mast	Hurricana, WV 25528
Company Official Title Director Production	
Subscribed and swom before me this 3151 day o	f December, 2020
Phyllis a. Copley	Notary Public
My commission expires Septem	Nov. 16, 2023

roposed Revegetation Treatment: Acres Disturbe		H
Lime 3 Tons/acre or to c	correct to pH 6.5	
Fertilizer type 10-20-20 or equivalent		
Fertilizer amount	lbs/acre	
Mulch 2	Tons/acre	
	Seed Mixtures	
Temporary	Perman	nent
Seed Type lbs/acre	Seed Type	lbs/acre
Red Fescue 40	Red Fescue 15	RECEIVED Office of Oil and Gas
Alsike 5	Alsike Clover 5	
Annual Rye 15		DEC 28 2020
		MAID - manhar - mt - d
Attach: Maps(s) of road, location, pit and proposed area for rovided). If water from the pit will be land applied by and area in acres, of the land application as	d, provide water volume, include dimensions (L, rea.	WV Department of Environmental Protect ding this info have been W, D) of the pit, and dimensions
Attach: Maps(s) of road, location, pit and proposed area for provided). If water from the pit will be land applied L, W), and area in acres, of the land application as Photocopied section of involved 7.5' topographic section Approved by:	d, provide water volume, include dimensions (L, rea.	ding this info have been W, D) of the pit, and dimensions
Attach: Maps(s) of road, location, pit and proposed area for provided). If water from the pit will be land applied L, W), and area in acres, of the land application as Photocopied section of involved 7.5' topographics	d, provide water volume, include dimensions (L, rea.	ding this info have been W, D) of the pit, and dimensions
Attach: Maps(s) of road, location, pit and proposed area for provided). If water from the pit will be land applied (L, W), and area in acres, of the land application as Photocopied section of involved 7.5' topographics	d, provide water volume, include dimensions (L, rea.	ding this info have been W, D) of the pit, and dimensions

DELORME **838** 47-35-01413 L × 10'W × 8'0 Scale 1: 12,000 Data use subject to license. RECEIVED of Oil and Gas © DeLorme. XMap® 8. www.delorme.com 1" = 227 D ft. Data Zoom 14-1

DEC 2 2 2020

WV Department of Environmental Protection

input coordinates

enter comma delimited coordinates. examples: 38 15 30.1, -81 25 15.2 (lat, lon as degrees minutes seconds)

38.123456, -81.123456 (lat, lon as decimal degrees) 500000, 4100000 (UTM as easting, northing) 1987654.32, 364123.45 (WV state plane as easting, northing)

38.882524682,-81.803286700

Lat/Lon WGS 1984

Convert

output coordinates

430326.95,4304046.10

UTM NAD83 Zone 17N

view on Google Maps

options

display output as degrees/minutes/seconds

zoom to point

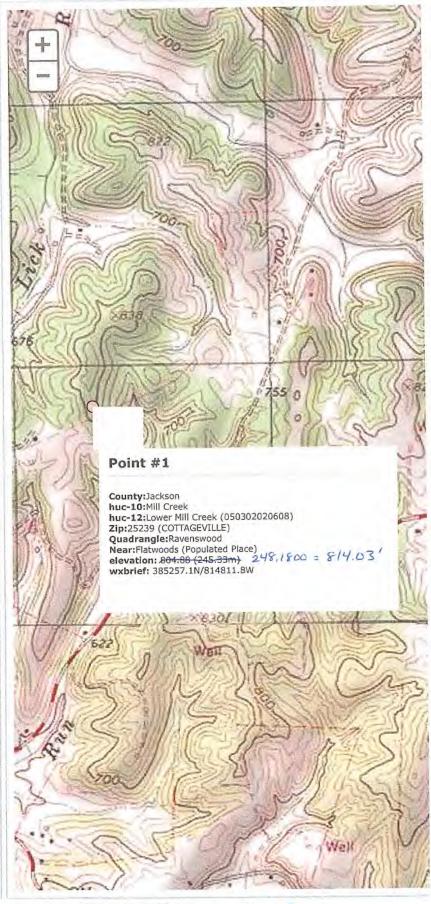
history (copy/paste)

1,38.8825247,-81.8032867,LL WGS84(G1674),430326.95,4304046.10,UTM17N NAD83(2011)



- 1. Conversions between NAD27 and NAD83. This converts between NAD27 and NAD83(1986) using the NADCON transformation. Newer realizations of NAD83, such as NAD83(CORS96) and NAD83(2011) can differ from NAD83(1986) by a meter or so. This conversion uses the Esri transformation NAD 1927 To NAD 1983_NADCON.
- 2. Conversions between NAD27 and WGS84. Basically this just applies the NADCON transformation from NAD27 to NAD83(1986). NAD83(1986) is the original realization of NAD83, which is practically identical to the

original WGS84. The difference between the











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

API: 47-035-01413	WELL NO.	:Kay John P Dek 38
FARM NAME: Rachel		*
RESPONSIBLE PARTY NA	ME: Nytis Exploration (Company LLC
COUNTY: Jackson	DISTRICT: R	Ravenswood
QUADRANGLE: Raven		
SURFACE OWNER: Josh		
ROYALTY OWNER: Coa	alaton P. Neal Jr.	
UTM GPS NORTHING: 4,3	304,046	
UTM GPS EASTING: 430	,326 GPS ELEV	ATION: 814 (ft)
the following requirements: 1. Datum: NAD 1983,	ethod:	
	Real-Time Differential	DEC 2 2 2020
Mapping Grade GPS X	: Post Processed Differential X	WV Department of Environmental Protection
	Real-Time Differential	
I the undersigned, hereby certi-	The topography map showing the fy this data is correct to the best of pation required by law and the reguland Gas.	my knowledge and
Ath	Director Production	12/18/2020
Signature	Title	Date

11/10/2016

PLUGGING PERMIT CHECKLIST

gging Permit	
WW-4B	
WW-4B signed by inspector	
WW-4A	
SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGIST MAIL	TERED OR CERITFIED
COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS OF PROOF THAT APPL BY REGISTERED OR CERTIFIED MAIL	ICATION WAS SENT
WW-9 PAGE 1 (NOTARIZED)	
WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area	a for land application
WW-9 GPP PAGE 1 and 2 if well effluent will be land applied	DECEMED.
RECENT MYLAR PLAT OR WW-7	RECEIVED Office of Oil and Gas
WELL RECORDS/COMPLETION REPORT	DEC 28 2020
TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED	WV Department of Environmental Protection
MUST HAVE VALID BOND IN OPERATOR'S NAME	
CHECK FOR \$100 IF PIT IS USED	
	WW-4B signed by inspector WW-4A SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGIS MAIL COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPL BY REGISTERED OR CERTIFIED MAIL WW-9 PAGE 1 (NOTARIZED) WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area 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