

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

Tuesday, August 01, 2017 WELL WORK PERMIT Horizontal 6A / Fracture

CNX GAS COMPANY LLC POST OFFICE BOX 1248

JANE LEW, WV 263786506

Re: Permit approval for SHR 40 DHS

47-095-02212-00-00

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: SHR 40 DHS Farm Name: NOBLE ENERGY, INC.

U.S. WELL NUMBER: 47-095-02212-00-00

Horizontal 6A / Fracture

Date Issued: 8/1/2017

Promoting a healthy environment.

API Number: 95-02212 F

PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) 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. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
- 2. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled Water Well Regulations, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
- 3. 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
- During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.
- 5. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
- 6. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, 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.
- 7. The entire well pad shall be bermed so as to prevent runoff from leaving the pad during drilling and completion operations, including a mountable berm at pad entrance.

W	W-	6B
(0	4/1	l5)

API NO. 47-95 - 02212 F	
OPERATOR WELL NO.	SHR40DHS
Well Pad Name: SHR40	_

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

1) Well Operate	or: CNX G	SAS C	OMPA	NY LLC	494458046	095-Tyler	Centervill	Shirley
					Operator ID	County	District	Quadrangle
2) Operator's W	Vell Numbe	r: SHF	R40DHS	3	Well Pad	Name: SHR40)	
3) Farm Name/	Surface Ow	ner: N	Noble E	nergy	Public Roa	d Access: Cour	nty Rt.18	
4) Elevation, cu	irrent groun	d: <u>7</u>	771'	El	evation, proposed	post-construction	on: 771'	
5) Well Type	(a) Gas	x		_ Oil	Unde	rground Storag	ge	
	Other							
	(b)If Gas	Shall	low	x	Dеер			
		Hori	zontal	<u>x</u>				
6) Existing Pad	: Yes or No	Yes					DMH	4/24/17
7) Proposed Ta Marcellus 6	•		•		ipated Thickness a	nd Expected Pr	essure(s):	
8) Proposed To	tal Vertical	Depth	: 638	1				
9) Formation at	Total Verti	ical De	epth:	Marcellus	3			
10) Proposed T	otal Measu	red De	pth:	16145'				
11) Proposed H	lorizontal L	eg Len	ngth: 5	3580.58'				
12) Approxima	te Fresh Wa	ater Str	rata De	pths:	357'			
13) Method to l	Determine I	Fresh V	Water D	epths:	nearest offset well	ls		
14) Approxima				_				
15) Approxima	te Coal Sea	m Dep	oths: N	one				
16) Approxima	te Depth to	Possib	ole Voi	d (coal m	ine, karst, other):	None		
17) Does Propo directly overlyi					ms Yes	No	x	
(a) If Yes, pro	vide Mine	Info:	Name	:				
· •			Depth	:				
			Seam:					
			Owner					RECEIVED
							Office	of Oil and Gas

APR 2 6 2017

WW-6B	
(04/15)	

API NO. 4795	_ 02212 F	
OPERATOR WE	LL NO. SHR400HS	_
Well Pad Nam	A. SHR4D	_

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	<u>Grade</u>	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	20"	NEW	LS	94	40'	40'	GTS
Fresh Water	13 3/8"	NEW	J-55 54.5#	54.5	500.4'	500.4	70
Coal							
Intermediate	9 5/8"	NEW	HCK-55 36#	36.0	2226.6	2226.6	171
Production	5 1/2"	NEW	P-110 20#	20.0	16,127.1	16,127.1	356
Tubing							
Liners							

DMH 4/24/17

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20"	36"	0.438	2730			
Fresh Water	13 3/8"	17.5"	.380	2730		Class A	1.18
Coal							
Intermediate	9 5/8"	13 3/8"	.352	3520		Class A	1.18
Production	5 1/2"	8 3/4"	.361	12,640	9600 ps.	Class A	1.31
Tubing							
Liners							

PACKERS

Kind:		
Sizes:		
Depths Set:		

RECEIVED
Office of Oil and Gas

APR 2 6 2017

WV Department of Environmental Protection 7

WW-6B	
(10/14)	

API NO. 47-95 - 02212 F	_
OPERATOR WELL NO. SHR40DHS	_
Well Pad Name: SHR40	

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Well previously drilled by Noble Energy. Submitting permit application to complete hydraulic fracturing operations and produce the well.

DMH 4/24/17

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

The completions phase will be multiple stages over the lateral length of the well, stage spacing is dependent upon engineering design. Slickwater fracturing technique will be utilized on each stage using sand water and chemicals. Max Pressure 9,600 PSI, Max Rate 100 BPM

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 0
- 22) Area to be disturbed for well pad only, less access road (acres): 0

23) Describe centralizer placement for each casing string:

PREVIOUSLY COMPLETED. From original NOBLE ENERGY submittal "Conductor- No centralizers used. Fresh Water/Surface- Bow spring centralizers every 3 joints to surface. Intermediate- Bow spring centralizers on every joint to KOP, one every third joint from KOP to 100' surface. Production - Rigid bow spring every third joint from KOP to TOC, rigid bow spring every joint to KOP"

24) Describe all cement additives associated with each cement type:

PREVIOUSLY COMPLETED. From original Noble Energy submittal "Conductor - fill/soil to surface Fresh Water - 15.6 ppg Type 1 cement +2% CaCl, 0.25# lost circ., 3-%excess yield =1.18. Intermediate- 15.6 ppg Class A +0.4% Ret, 0.15% Disp, 0.2% anti Foam, 0.125# sk Lost circ. 20% Excess Yield = 1.19 to surface. Production - 14.8 ppg Class A 25:75:0 System +2.6% cement Extender, 0.7% Fluid Loss addltive, 0.45% high temp retarder, 0.2% friction reducer 10% excess yield=1.27 TOC>=200' above 9.625" shoe. See attached approved variance from WV DEP.

25) Proposed borehole conditioning procedures:

PREVIOUSLY COMPLETED. From original Noble Energy submittal Conductor - The hole is drilled w/air and casing is run in air. apart from insuring the hole is clean via air circulation at TD, There are no other conditioning procedures. Fresh Water/Surface - The hole is drilled w/air and casing is at setting depth, circulate a minimum of one hole volume prior to pumping cement. Intermediate - Once surface casing is set and cemented intermediate hole is drilled either on air or SOBM and filled w/ KCI water once filled w/ KCI water once drilled to TD. The well is conditioned with KCI circulation prior to running casing. Once casing is at setting depth, the well is circulated a minimum of one hole volume prior to pumping casing. Production - The hole is drilled with synthetic oil base mud and once at TD the hole is circulated at a maximum allowable drilling pump rate for at least 6X bottoms up. Once on bottom with casing, circulate a minimum of fine control brights.

*Note: Attach additional sheets as needed.

APR 2 6 2017

WV Department of Environmental Brotection



EQT PRODUCTION COMPANY 120 PROFESSIONAL PLACE BRIDGEPORT, WV 26330

Re: Tyler County Hydraulic Fracturing Notice

CONSOL Energy Inc.

CNX Center 1000 CONSOL Energy Drive Canonsburg, PA 15317-6506

phone: (724) 485 – 4040 e-mail: PCR@consolenergy.com web: www.consolenergy.com

CNX GAS PRODUCTION TEAM

Dear Sir or Madam,

CNX Gas Company LLC (CNX) has developed a Marcellus pad SHR40HS located in Tyler County, West Virginia. Through CNX's evaluation pursuant to WV Code 35 CSR 8(5.11), you have been identified as the owner or operator of a well within a 500' radius of the surface location or lateral section of the wellbore. Due to the apparent presence of unique geological conditions, communication between CNX hydraulic fracturing operations and the identified well is a possibility. As an owner or operator of a conventional natural gas well in this area, we are requesting your assistance in monitoring for changes that would indicate communication between your well(s) and our planned operation.

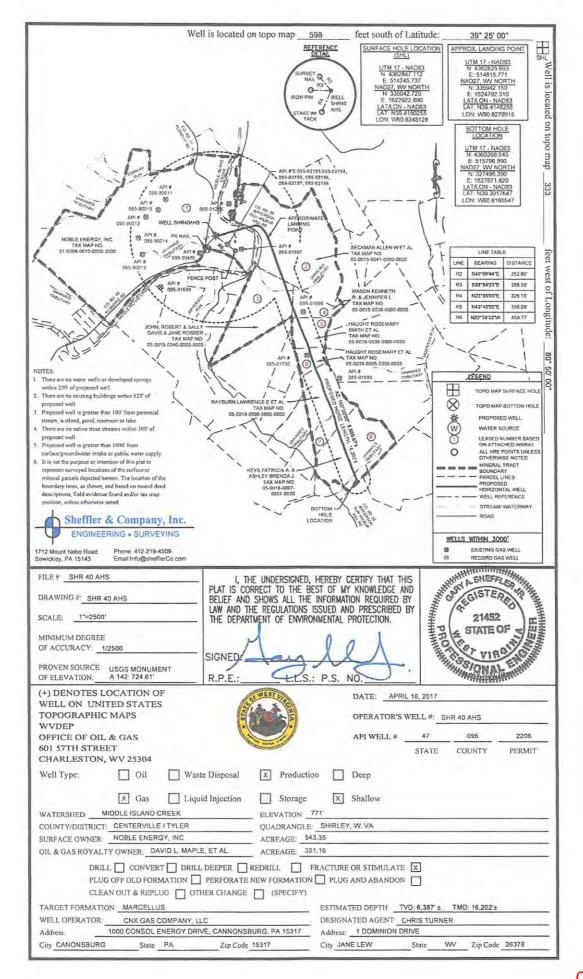
CNX anticipates conducting hydraulic fracturing activity at the SHR40HS Pad beginning as early as 3rd Quarter 2017 (July-September) and potentially continuing through 4th Quarter 2017 (October-December). Plats for each well being hydraulically fractured on this pad are included for your reference.

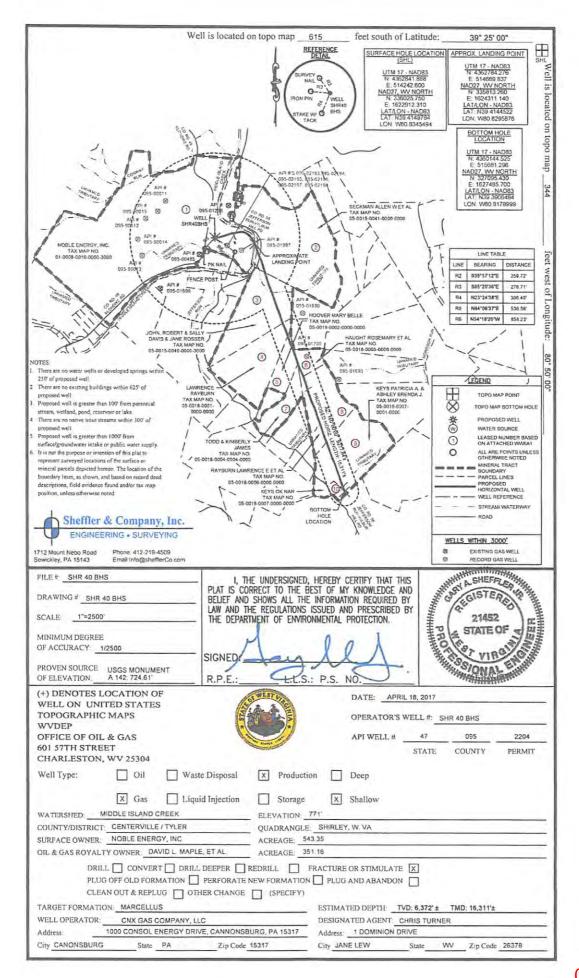
We recommend that conventional operators conduct the following activities before, during, and after fracturing operations.

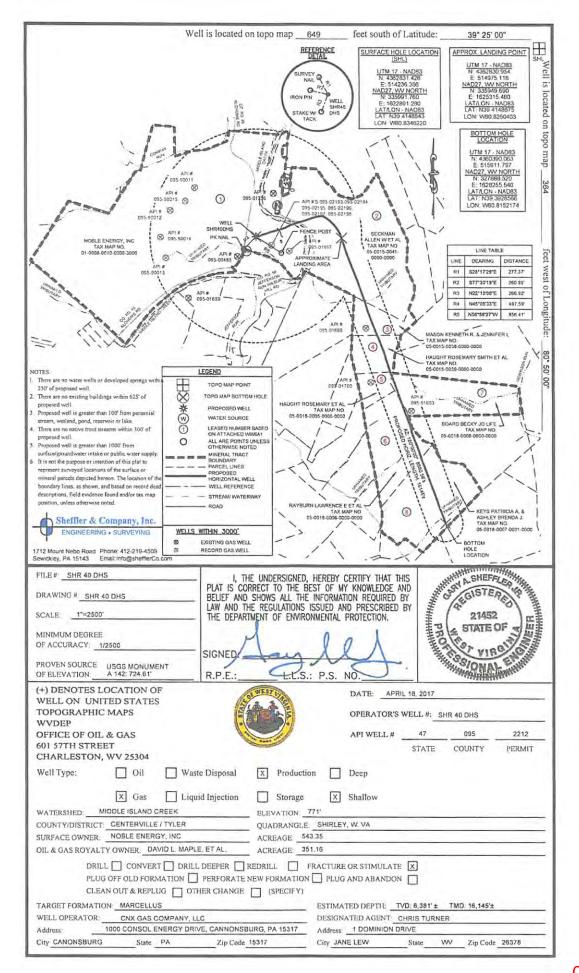
- Inspect surface equipment prior to fracturing, to establish mechanical integrity and confirm well conditions.
- Monitor wells during and after fracturing and monitor for abnormal increases in fluid, gas, or pressure.
- Inspect and upgrade master valves or other necessary equipment for wellhead integrity as you see fit.
- Notify the OOG and CNX if any changes in fluid, gas production, pressure, or other conditions that cause abnormal risk or concern.

Please feel free to contact CNX's Production Control Room at 724-485-4040 (staffed 24/7) with any questions or comments. You may also contact the West Virginia Office of Oil and Gas at 304-926-0499.

Sincerely, CNX Production







API Number 47 - 95	- 02206 F
Operator's Well No.	SHRADAHS

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name CNX GAS COMPANY LLC	OP Code 494458046
Watershed (HUC 10) Headwaters Middle Island Creek	Quadrangle Shirley
Do you anticipate using more than 5,000 bbls of water to co	
Will a pit be used? Yes No	
If so, please describe anticipated pit waste:no ut	tilization of a pit
Will a synthetic liner be used in the pit? Yes	No If so, what ml.?
Proposed Disposal Method For Treated Pit Wastes	s:
Land Application	
Underground Injection (UIC Pe	· · · · · · · · · · · · · · · · · · ·
Off Site Disposal (Supply form	palod wells SHR3 A,B,C,D. 4709502193, 4709502124, 470952194, 4709502195 WW-9 for disposal location)
	nused frac water will be reused at other wells in the area.
Will closed loop system be used? If so, describe: NA	
Drilling medium anticipated for this well (vertical and horiz	zontal)? Air, freshwater, oil based, etc. NA No Drilling
-If oil based, what type? Synthetic, petroleum, etc.	NA No Drilling
Additives to be used in drilling medium? NA No Drilling	
Drill cuttings disposal method? Leave in pit, landfill, remove	ved offsite, etc. NA No Drilling
-If left in pit and plan to solidify what medium will	l be used? (cement, lime, sawdust)_NA
-Landfill or offsite name/permit number? NA	
	nd Gas 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 August 1, 2005, by the Office of Oil and Gas of the West	nd conditions of the GENERAL WATER POLLUTION PERMIT issued t Virginia Department of Environmental Protection. I understand that the as of any term or condition of the general permit and/or other applicable
I certify under penalty of law that I have person application form and all attachments thereto and that, be	ally examined and am familiar with the information submitted on this ased on my inquiry of those individuals immediately responsible for is true, accurate, and complete. I am aware that there are significant sibility of fine or imprisonment.
Company Official Signature Want Janly	
Company Official (Typed Name) Matt Hanley	RECEIVED
Company Official Title Manager - Permitting	Office of Oil and Gas
	ADD O 1 AAA
Subscribed and swom before me this	Note Protection
1/16/11/19/11/16	Fryironment of
Sivily Ruino	Notary Publisher Protection
My commission expires 12.11.17	My Constitution Edition 11 2017
	APR 2.1 2017
	ΔPD 0 08/04/2017
	201/
Oil and Cas Inspector	WV Department of Date: 9-9-12 Environmental Protection
Title: Oil and Gas Inspector	Date: 7 - 7 - 127 VIONMental Protection
Field Reviewed? (V) Yes () No

Form WW-9		Opera	SHR 40 AHS tor's Well No.	_
Noble Energy, I	inc.			
	reatment: Acres Disturbed	5.42 Prevegeta	tion pH	
Lime	Tons/acre or to correct	t to pH		
1 Fertilizer type	0-20-20 or equal			
Fertilizer amoun	t 500	lbs/acre		
	Straw at 2	Tons/acre		
		. 0.11. 40.0		
		Seed Mixtures		
	Temporary	P	ermanent	
Seed Type	lbs/acre	Seed Type	lbs/acre	
Tall Fescue	40	Tall Fescue	40	
Ladino Clover	5	Ladino Clover	5	
••••••••••••••••••••••••••••••••••••••	s are shown on the Site Design.			
.ttach:		nd application (unless engineered pla	ns including this info have been	
attach: brawing(s) of road, location rovided) hotocopied section of invo		nd application (unless engineered pla	ns including this info have been	
an Approved by:	on, pit and proposed area for lar	nd application (unless engineered pla		
attach: brawing(s) of road, location rovided) hotocopied section of involution an Approved by:	on, pit and proposed area for lar	nd application (unless engineered pla		
an Approved by:	on, pit and proposed area for lar	nd application (unless engineered pla		
an Approved by:	on, pit and proposed area for lar	nd application (unless engineered pla		
an Approved by:	on, pit and proposed area for lar	nd application (unless engineered pla		
an Approved by:	on, pit and proposed area for lar	nd application (unless engineered pla		D)
an Approved by:	on, pit and proposed area for lar	nd application (unless engineered pla	RECEIVEL Office of Oil and	G
an Approved by:	on, pit and proposed area for lar	nd application (unless engineered pla	RECEIVEL Office of Oil and	l Ga
an Approved by:	on, pit and proposed area for lar olved 7.5' topographic sheet.	ad application (unless engineered pla		d Ga





Safety Plan for SHR40 Well Pad

Wells SHR40AHS, SHR40BHS, SHR40DHS, SHR40FHS

CNX Gas Company LLC



lice of Oil and Gas

APR 2 1 2017

WV Department of 1 Environmental Protection 1 08/04/2017

INVASIVE SPECIES TRANSFER PREVENTION PLAN



Revised: December 19, 2016

RECEIVED
Office of Oil and Gas

APR 2 1 2017

VIV Department of Environmental Protection

08/04/2017

Table of Contents

Introduction	1
Purpose of the plan	1
Vector and Pathway Definition	1
Prevention	2
Define Vulnerable Receiving Environment	2
Awareness	2
Existing or New AIS Infestation	2
Engineering Controls at Intake Assembly	3
Cleaning/Drying of Equipment	3
Early Detection and Rapid Response	3
References:	4

Introduction

The invasion of aquatic habitats by non-indigenous species, also known as non-native and exotic species can compete with native species for food, habitat, and can directly or indirectly kill native species, degrade habitat, and alter food webs.

Aquatic Invasive Species (AIS) may enter water bodies through various human assisted vectors.

Oil and gas drilling activities associated with the withdrawal and transport of water may unknowingly introduce AIS into new waters.

Actions taken to prevent the introduction of new AIS will include best management practices for the withdrawal of water of streams and transport of water.

Purpose of the Plan

The purpose of this Best Management Plan (BMP) is to identify measures to deter the transfer of aquatic invasive species between water bodies associated with oil and gas drilling activities. AIS are plants and animals that have been introduced into new ecosystems causing unintended environmental, recreational, economic or health impacts. This BMP will outline actions recommended to be newly implemented, in addition to existing efforts, in order to close pathways and prevent new aquatic invasive species from entering and becoming established.

Vector and Pathway Definition

A vector is a physical means by which a non-indigenous species is transported to a new region, primarily by humans, whether deliberate or accidental. Within a vector, one or more pathways or routes of transfer exist by which an invasive species is transferred from one ecosystem to another.

Various vectors provide a mechanism through which AIS may enter a water body. This BMP addresses potential AIS invasion.

RECEIVED
Office of Oil and Gas

APR 21 2017

WV Department of Environmental Protection 17

¹ Vectors are the modes of transmission, and pathways are routes taken.

Prevention

The most effective method of preventing the unintentional introduction of non-native species is to identify the pathways by which they are introduced and to develop environmentally sound methods to interdict introductions. Water intake structures and water transportation equipment have been identified as potential pathways in the oil and gas industry.

Define Vulnerable Receiving Environment

The receiving environment is that in which the activity takes place. This is taken to include any transit environments. It is important that all locations within the project site or operation areanot just the final destination — are considered. Areas outside the destination may include vehicles or infrastructure en route to the project or operation area.

Invasion of aquatic habitats by non-indigenous species via vehicles and/or machinery en route to the well location is not a concern within project areas as no stream crossings are located along the access road to the proposed well site and no in-stream work is required.

Awareness

Raising awareness of AIS among "on the ground" personnel (including oil and gas company staff and external contractors and service providers) has two main functions. Firstly, it increases the knowledge of AIS, which can help prevent their potential transmission, and secondly, it increases vigilance in detecting any infestations at an early stage — the only point at which eradication of an infestation is likely to be effective. Key species should be highlighted and personnel made aware of AIS (that are both visible and easily recognized) where the species have been a cause of concern. Where key AIS are not visible (eg. spores, fungi) ensure that the pathway and methods for preventing transmission are highlighted.

Existing or New AIS Infestation

Projects and operations are likely to be operating in environments where at least some AIS are already present. Measures should be taken to contain and prevent local transfer of the AIS. Where it is necessary or desirable to use infested areas, movement through the area should be limited as much as possible. Activities should be implemented to restrict AIS pathways.

RECEIVED
Office of Oil and Gas

APR 2 1 2017

Monitoring should be undertaken to record any spread of infestation. If expansion of the population is recorded, investigation of the pathways responsible is encouraged.

Engineering Controls at Intake Assembly

Water intake shall include check valves, backflow preventers, or other alternatives designed to prevent a pathway of backflow water from water transportation equipment to the water source.

Cleaning/Drying of Equipment

The following procedures to prevent vectors and pathways should be performed in the withdrawal assembly, which should be relocated to another body of water:

- 1. The assembly should be dismantled into individual components.
- 2. All vegetation, mud, silt, sediment, and/or other debris shall be physically removed from each individual component.
- 3. Allow all individual components to remain continually dry and in the original waterbody's flood plain for a minimum of 5 days.
- 4. All equipment will be visual inspected for any apparent invasive species before transporting for using in another area

It is recommended that no biocides, algaecides, or other chemicals be used to clean the assembly or its individual components at or near the water source without appropriate cautionary measures.

Early Detection and Rapid Response

Even the best prevention efforts cannot stop all introductions. Early detection of incipient invasions and quick coordinated responses will be used to eradicate or contain invasive species before they become too widespread. West Virginia Department of Environmental Protection (WVDEP), the West Virginia Division of Natural Resources (WVDNR), and the US Fish and Wildlife Service (USFWS) will be notified if initial evidence of an invasion is suspected. Contacts for the agencies are listed below. A professional biologist will assess the watershed for the suspected invasive species and provide a proper plan of eradication or containment.

Agency Contact Information:

West Virginia Division of Natural Resources Wildlife Resources Section 304-558-2771 Mussel Specific Introductions: Ms. Janet Clayton Mussel Program Leader 304-637-0245 Janet.L.Clayton@wv.gov

United States Fish and Wildlife Service West Virginia Field Office Partners for Fish and Wildlife Program Invasive Species 304-636-6586 nicholas millett@fws.gov

West Virginia Department of Environmental Protection Emergency Response 304-558-5938 Rusty.T.Joins@wv.gov

RECEIVED Office of Oil and Gas

APR 2 1 2017

Environmental Protection

WV Departroent 4/2017

References:

Pennsylvania Fish and Boat Commission – Clean Your Gear. www.fish.state.pa.us/cleanyourgear.htm

Sea Grants Invasive Species Inventory - www.pserie.psu.edu/seagrant/ais/

RECEIVED
Office of Oil and Gas

APR 2 1 2017



Entrainment and Impingement Prevention Plan

The proposed withdrawal and intake will be made temporary and tamper-resistant. The system shall consist of a floating intake device, associated piping, an intake filter, quick-connect couplings and a pump. The intake device will be constructed with an intake screen with maximum openings of 3/4 inch. The intake screen length and diameter will be sized accordingly to provide sufficient open area to maintain an intake velocity less than 1 feet per second. The final screen length and diameter will be determined based on site conditions, pump selection and approved withdrawal volume.

The intake device will be connected to the pump using aluminum and/or corrugated plastic quick-connect piping and couplings. The intake piping will have a pressure rating of at least 100 pounds per square inch. The final piping diameter and length will be determined based upon the site conditions, pump selection and approved withdrawal volume. The intake device will be held in place to stationary supports and will float in a deeper portion of the stream. The cam-lock quick-connect couplings will be locked when not in use to prevent connection and unauthorized water withdrawal.

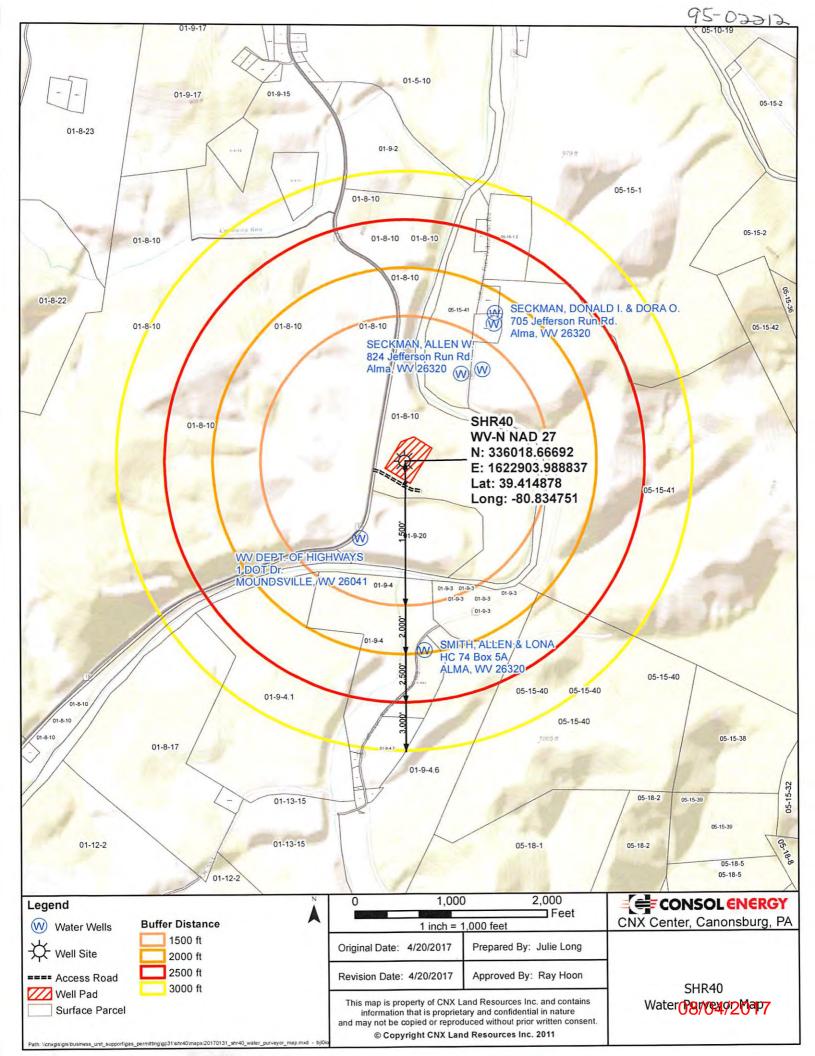
The screen opening and intake velocity for water at the screen surface will prevent fish from being entrained or impinged on the screen. The intake screen will be periodically monitored during operations to ensure that the screening remains in good working condition to ensure that there are no openings or gaps in the screen greater than 3/4 inch and that the screen has not become blocked by debris. Additionally, the watercourse will not be blocked to the passage of fish.

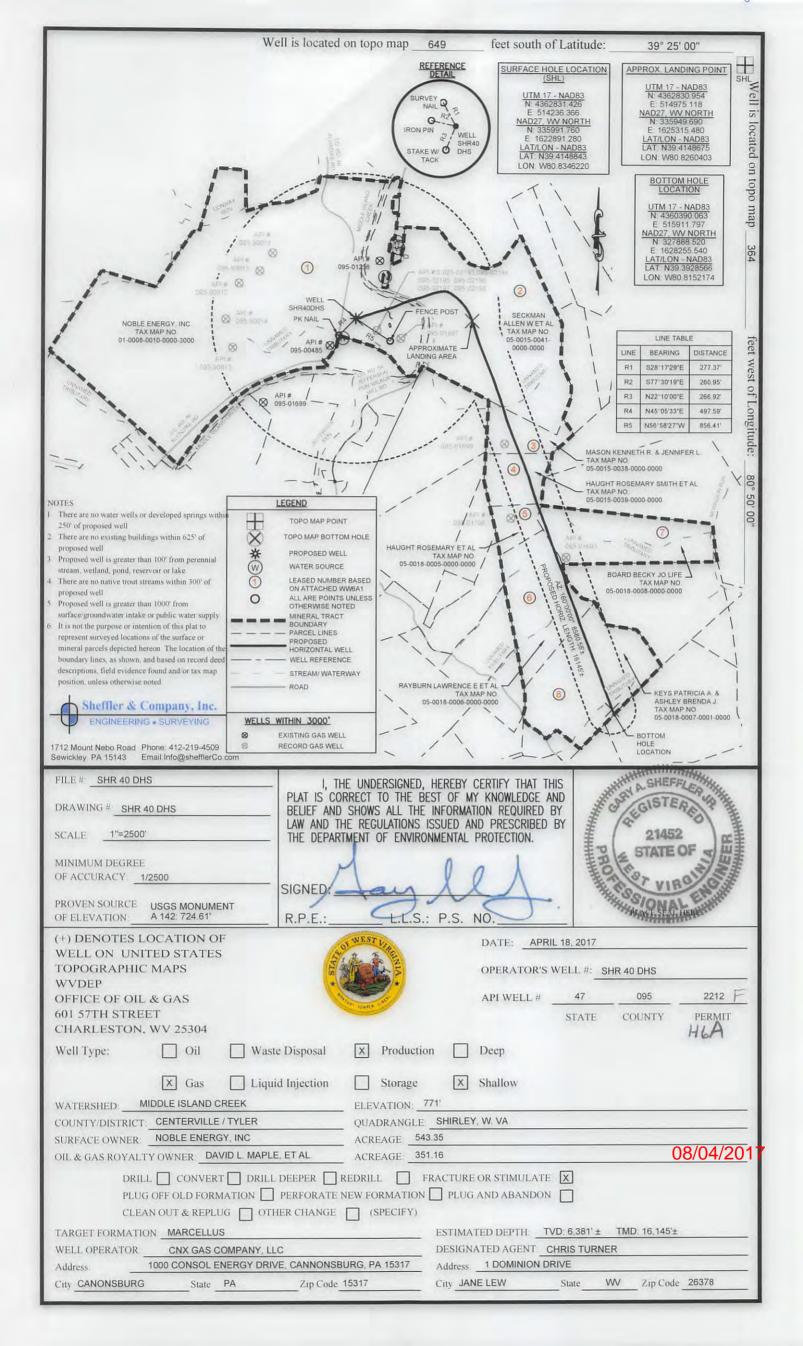
The selected pump will be either electric or diesel powered and capable of flow rates of 4200 gallons per minute (gpm). The water system including the pump piping and valves will be designed to restrict the instantaneous flow rate at or below 4200 gpm. Final product selection and site design, including pump type, pipe sizing and anchoring will be determined based on site conditions and the permitted withdrawal volume but shall adhere to the requirements mentioned above.

RECEIVED
Office of Oil and Gas

APR 2 1 2017

WV Department of Environmenta PP/Ote/201017





	fall in Lancier to the	2.00			
W	ell is located on topo map	8,673	feet south of La	titude:	39° 25' 00"
					Well is located on topo map
					IS IO
					ocat
					ed o
					n to
					po r
					nap
					6,654
					feet
					wes
					at of
					Lor
					feet west of Longitude:
		BHL			de:
		BHL			8
					0° 47
					80° 47' 30"
					-
Sheffler & Company, Inc.					
ENGINEERING • SURVEYING					
1712 Mount Nebo Road Phone: 412-219-4509 Sewickley, PA 15143 Email:Info@shefflerCo.com					
				.444	minney.
FILE #: SHR 40 DHS	I, THE UNDERSIGNED, PLAT IS CORRECT TO THE B	HEREBY C	ERTIFY THAT THIS KNOWLEDGE AND	Skirkethill A	SHEFFLER
DRAWING # SHR 40 DHS	BELIEF AND SHOWS ALL THE	INFORMATI	ON REQUIRED BY	# 0/4	PIPIENE SA
SCALE: 1"=2500'	LAW AND THE REGULATIONS THE DEPARTMENT OF ENVIRO			1	21452
MINIMUM DEGREE		^	1	THE S	TATE OF SILL
OF ACCURACY: 1/2500	M	0 0	7 \	華可信	
DROVEN SOURCE	SIGNED!	N	1	The Con	VIR ENGHA
PROVEN SOURCE USGS MONUMENT OF ELEVATION: A 142: 724.61'	R.P.E.:L.L.S.	: P.S. N	10.	HARRIE	SE SEAL HEAVE
(+) DENOTES LOCATION OF	S WEST L		DATE: APRIL 18,	2017	
WELL ON UNITED STATES	SIA A				
TOPOGRAPHIC MAPS WVDEP	S A		OPERATOR'S WEL	L#: SHR 40 D	DHS
OFFICE OF OIL & GAS	STATE PROPERTY.		API WELL #	47 0	95 2212
601 57TH STREET CHARLESTON, WV 25304			S	TATE COU	NTY PERMIT
	te Disposal X Production	on \square	Deep		H6A
was	A Production		Эсер		
X Gas Liqu	id Injection Storage	X	Shallow		
WATERSHED: MIDDLE ISLAND CREEK	ELEVATION:				
COUNTY/DISTRICT: CENTERVILLE / TYLER	QUADRANGLE		W. VA		
SURFACE OWNER: NOBLE ENERGY, INC	ACREAGE: 54				08/04/2017
OIL & GAS ROYALTY OWNER: DAVID L. MAPL			on empty.		
DRILL CONVERT DRILI PLUG OFF OLD FORMATION			OR STIMULATE X		
CLEAN OUT & REPLUG OT		L FLUG	TAD ABANDON		
TARGET FORMATION: MARCELLUS		ESTIMAT	ED DEPTH TVD: 6	,381' ± TMD:	16,145'±
WELL OPERATOR CNX GAS COMPANY, LI	LC	DESIGNA	TED AGENT CHRIS		
1/20/2/2/2	VE, CANNONSBURG, PA 15317	Address:	1 DOMINION DRIVE		
City CANONSBURG State PA	Zip Code 15317	City JAN	E LEW Sta	tew	Zip Code 26378

WW-6A	1
(5/13)	

Operator's	Well	No.	SHR40DHS	
------------	------	-----	----------	--

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) 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:

Lease Name or Number

Grantor, Lessor, etc.

Grantee, Lessee, etc.

Royalty

Book/Page

See Attached

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: CNX GAS COMPANY LLC

By:

Matt Hanley

MHELLIVEL

Its:

Manager - Permitting

Office of Oil and Gas

APR 2 1 2017

Page 1 of _

WV Department of Environmental Protection 2017

Attachment - Form WW-6A-1 for SHR40DHS

I	ract ID	Tax Map & Parcel	Title Opinion QLS #	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
	1	1-8-10	279251000	David H. Weekley and Linda C. Weekley, h/w	Antero Resources Corporation	Not less than 1/8	507/246
				Daniel A. Weekley and Suzanne L. Weekly, h/w	Antero Resources Corporation	Not less than 1/8	507/241
				Antero Resources Corporation	CNX Gas Company and Noble Energy, Inc.	Assignment	534/460
				AMP Fund III, LP	Noble Energy, Inc.	Not less than 1/8	527/465
				Noble Energy, Inc.	CNX Gas Company LLC	Assignment	534/483
I	ract ID	Tax Map & Parcel	Title Opinion QLS#	<u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	Royalty	Book/Page
	2	5-15-41	108628000	Lillie Seckman	Drilling Appalachian Corporation	Not less than 1/8	268/457
				George V. Myers and Merle V. Myers, h/w	Drilling Appalachian Corporation	Not less than 1/8	273/278
				Drilling Appalachian Corporation	Antero Resources Appalachian Corporation	Assignment	401/499
				Drilling Appalachian Corporation	Antero Resources Corporation	Corrective Assignment	421/138
				Antero Resources Corporation	CNX Gas Company and Noble Energy, Inc.	Assignment	422/517 550/273
				Noble Energy, Inc.	CNX Gas Company	Assignment	550/2/5
				Allen W. Seckman and Nancy J. Seckman, h/w	Noble Energy, Inc.	Not less than 1/8	465/594
				Noble Energy, Inc.	CNX Gas Company	Assignment	550/273
7	Fract ID	Tax Map &	Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
_		Parcei	QLS#			· · · · · · · · · · · · · · · · · · ·	•
Щ	3	5-15-38	108503000	Kenneth R. Mason and Jennifer L. Mason, h/w	Acropolis, Inc.	Not less than 1/8	331/475
<u> </u>		ਊ		Acropolis, Inc.	Drilling Appalachian Corporation	Assignment	331/483
ჳ ≶		ਨੌਂ		Drilling Appalachian Corporation	Antero Resources Appalachian Corporation	Assignment	391/416
₹ ~	≥	© <u>⊐</u>		Antero Resources Corporation	CNX Gas Company and Noble Energy, Inc.	Assignment	422/517
<u> </u>	APR	랓띴		Noble Energy, Inc.	CNX Gas Company	Assignment	550/273
WV Department of Environmental Protection	10	RECEIVED					
으로 프로	<u>~</u> ~	≥ تھ					
7 <u>8</u> 2	<u>Fract⊕</u>	Tai Mad &	Title Opinion	Grantor, Lessor, etc	Grantee, Lessee, etc	Royalty	Book/Page
ĕ ₹	4,5		<u>QLS #</u> 261710000	Rosemary Haught	Drilling Appalachian Corporation	Not less than 1/8	331/102
호 로	₩, 3	903-39 20 20 20 20 20 20 20 20 20 20 20 20 20	201,10000	Drilling Appalachian Corporation	Antero Resources Appalachian Corporation	Assignment	391/416
<u>o</u> .		Ø		Drilling Appalachian Corporation	Antero Resources Corporation	Corrective Assignment	421/130
⊃				Antero Resources Corporation	CNX Gas Company and Noble Energy, Inc.	Assignment	422/517
				Noble Energy, Inc.	CNX Gas Company	Assignment	550/273

Noble Energy, Inc.

CNX Gas Company

Larry Henthorn

Noble Energy, Inc.

Not less than 1/8

Assignment

465/588

550/273

Noble Energy, Inc.

Janette M. Pekula (McCann) and Steven Pekula, h/w

444/69

95-0aalaF

Not less than 1/8

Environmental Protection WV Depärtment of act P 2017

RECEL Office of

Gas

QLS#

APR

J.M.L. Smith **Duncan Sartain** Duncan Sartain **Duncan Sartain**

	00 Mary Keys and Haskeil Keys, h/w, and John L. Seckman	J.M.L. Smith	Not less than 1/8	158/214
<u>Title Opinio</u> QLS #	n <u>Grantor, Lessor, etc</u>	<u>Grantee, Lessee, etc</u>	Royalty	Book/Page
l			_	·
	Noble Energy, Inc.	CNX Gas Company LLC	Assignment	550/273
	Tami Dawn Rheinhardt	Noble Energy, Inc.	Not less than 1/8	DB 465/270
	Iris Rheinhardt, a single woman	Noble Energy, Inc.	Not less than 1/8	DB 458/642
	David Rheinhardt, a single man	Noble Energy, Inc.	Not less than 1/8	DB 453/633
	Randall Rheinhardt, a single man	Noble Energy, Inc.	Not less than 1/8	DB 453/535
	Charles D. Rheinhardt and Denise M. Rheinhardt, h/w	Noble Energy, Inc.	Not less than 1/8	DB 449/531
	Gary A. Rheinhardt, Jr.	Noble Energy, Inc.	Not less than 1/8	DB 449/527
	Keith E. Rheinhardt	Noble Energy, Inc.	Not less than 1/8	DB 449/525
	Noble Energy, Inc.	CNX Gas Company LLC	Assignment	542/147
	Drilling Appalachian Corporation	Noble Energy, Inc.	Assignment	452/641
	James F. Bonnell and Jacqueline S. Bonnell, h/w	Drilling Appalachian Corporation	Not less than 1/8	409/253
	Scott Seckman	Drilling Appalachian Corporation	Not less than 1/8	395/797
	Kimberly Dawn Jackson	Drilling Appalachlan Corporation	Not less than 1/8	395/795
	Noble Energy, Inc.	CNX Gas Company LLC	Assignment	550/273
	Antero Resources Corporation	CNX Gas Company LLC and Noble Energy, Inc.	Assignment	422/517
	Drilling Appalachian Corporation	Antero Resources Corporation	Corrective Assignment	421/138
	Drilling Appalachian Corporation	Antero Resources Appalachian Corporation	Assignment	401/499
	Jennifer Sexson	Drilling Appalachian Corporation	Not less than 1/8	330/657
	Donna Wolther	Drilling Appalachian Corporation	Not less than 1/8	330/742
	Jill Robinson	Drilling Appalachian Corporation	Not less than 1/8	330/579
	Camella Ash	Drilling Appalachian Corporation	Not less than 1/8	330/575
	Antonia Underwood	Drilling Appalachian Corporation	Not less than 1/8	330/550
	Joe Seckman	Drilling Appalachian Corporation Drilling Appalachian Corporation	Not less than 1/8 Not less than 1/8	330/503 330/507
	Walter Seckman and Eva Seckman, h/w Michael Fisher	Drilling Appalachian Corporation Drilling Appalachian Corporation	Not less than 1/8 Not less than 1/8	330/430 330/503
	Josephine Spencer and David Spencer, h/w	Drilling Appalachian Corporation	Not less than 1/8	330/233
	Noble Energy, Inc.	CNX Gas Company LLC	Assignment	550/273
	Antero Resources Corporation	CNX Gas Company LLC and Noble Energy, Inc.	Assignment	422/517
	Drilling Appalachian Corporation	Antero Resources Corporation	Corrective Assignment	421/130
	Drilling Appalachian Corporation	Antero Resources Appalachian Corporation	Assignment	391/416
	Glenda Gregory	Drilling Appalachian Corporation	Not less than 1/8	330/546
	Eva Jean Hoover	Drilling Appalachian Corporation	Not less than 1/8	330/542

Grantor, Lessor, etc	<u>Grantee, Lessee, etc</u>	Royalty	Book/Pag	
laskeil Keys, h/w, and John L. Seckman	J.M.L. Smith	Not less than 1/8	158/214	
	Duncan Sartain	Assignment	158/235	
	W.E. Pope	Assignment	158/439	
	W.E. Pope	Assignment	159/377	
	Douglas A. Williams	Assignment	158/459	

WV Department of Environmental Protection	APR 2 1 2017
---	--------------

Douglas A. Williams	W. Truett Smith, Frank Rose and George S. Finley	Assignment	158/429
Douglas A. Williams	Walter F. Tucker	Assignment	158/460
Douglas A. Williams	Joe H. Foy	Assignment	158/478
Douglas A. Williams	Archie Bean	Assignment	158/479
Douglas A. Williams	R.C. Crabb	Assignment	159/326
Douglas A. Williams	Marvin Hanz	Assignment	158/577
W. Truett Smith, Frank Rose and George S. Finley	W.E. Pope	Assignment	216/304
W. Truett Smith, Frank Rose and George S. Finley	W.E. Pope	Assignment	216/307
W.F. Tucker	W.E. Pope	Assignment	163/216
Joe H. Foy	W.E. Pope	Assignment	216/303
Archie Bean	W.E. Pope	Assignment	216/306
W.E. Pope	Judith A. Pope, as Executrix	Recital in Assignment	311/655
Estate of W.E. Pope, acting through Independent Executrix Judith A. Pope	Drilling Appalachian Corporation	Assignment	311/655
R.C. Crabb	Southwest Savings and Loan Association	Assignment	176/264
Southwest Savings and Loan Association	Hugh Spencer	Assignment	Unrecorded
Spencer Enterprises, by Hugh Spencer, owner	Drilling Appalachian Corporation	Assignment	315/466
Mary Hanz	Drilling Appalachian Corporation	Assignment	313/243
Drilling Appalachian Corporation	Antero Resources Appalachian Corporation	Assignment	391/416
Drilling Appalachian Corporation	Antero Resources Appalachian Corporation	Corrective Assignment	421/130
Antero Resources Corporation	CNX Gas Company LLC and Noble Energy, Inc.	Assignment	422/517
Noble Energy, Inc.	CNX Gas Company LLC	Assignment	550/273

RECEIVED
Office of Oil and Ga



Matthew Hanley Manager – Gas Permitting CONSOL Energy Inc. 1000 CONSOL Energy Drive Canonsburg, PA 15317

West Virginia Department of Environmental Protection Office of Oil and Gas 601 57th Street SE Charleston, WV 25304-2345

RE: Road Letter - SHR 40 Well Pad Rework Applications

To Whom It May Concern:

CNX Gas Company LLC has the right to drill, stimulate and produce wells that are drilled under the County and State Roads as designated on the plats.

Should you have any questions or need additional information, please do not hesitate to contact me at matthanley@consolenergy.com or 724-485-3011.

Sincerely,

Matthew Hanley

CNX Gas Company LLC

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE CERTIFICATION

		Operate	or's Well No. SHR40	IDHS
				ibilio
		Well Pa	nd Name: SHR40	
Notice has b				
	e provisions in West Virginia Code tract of land as follows:	§ 22-6A, the Operator has provided the	required parties w	with the Notice Forms listed
State:	West Virginia	Easting Easting	514245.726	
County:	095-Tyler	UTM NAD 83 Lasting		
District:	Centerville	Public Road Access:	County Rt.18	
Quadrangle:	Shirley	Generally used farm name	e: Noble Energy, Inc	
Watershed:	Headwaters Middle Island Creek			
it has provided information re of giving the st requirements of Virginia Code	ed the owners of the surface descri- equired by subsections (b) and (c), so surface owner notice of entry to su of subsection (b), section sixteen of	hall contain the following information bed in subdivisions (1), (2) and (4), section sixteen of this article; (ii) that the rever pursuant to subsection (a), section f this article were waived in writing ender proof of and certify to the secret at.	subsection (b), sec e requirement was on ten of this arti- by the surface ov	ction ten of this article, the deemed satisfied as a result cle six-a; or (iii) the notice wher; and Pursuant to West
that the Oper	West Virginia Code § 22-6A, the Operator has properly served the require CK ALL THAT APPLY	perator has attached proof to this Notice d parties with the following:	ee Certification	OOG OFFICE USE
☐ 1. NOT	TICE OF SEISMIC ACTIVITY or	■ NOTICE NOT REQUIRED BE SEISMIC ACTIVITY WAS COND		RECEIVED/
☐ 2. NOT	TICE OF ENTRY FOR PLAT SURV	VEY or 🔳 NO PLAT SURVEY WAS	S CONDUCTED	☐ RECEIVED
☐ 3. NOT	TICE OF INTENT TO DRILL OF	☐ NOTICE NOT REQUIRED BE NOTICE OF ENTRY FOR PLAT SO WAS CONDUCTED or		RECEIVED/ NOT REQUIRED
	NO DRILLING	☐ WRITTEN WAIVER BY SUR (PLEASE ATTACH)	FACE OWNER	
■ 4. NOT	TICE OF PLANNED OPERATION			☐ RECEIVED
■ 5. PUB	ELIC NOTICE			☐ RECEIVED
				☐ RECEIVED

Required Attachments:

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach to prove the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

APR 2 1 2017

WW-6AC (1/12)

Certification of Notice is hereby given:

above, to the resignature confirming this Notice Coobtaining the in	at as required under West Virgini equired parties through personal s mation. I certify under penalty of Certification and all attachments	a Code § 22-6A, I have s service, by registered mai law that I have personally s, and that based on my mation is true, accurate an	the notice requirements within West Virginia Code § 22- erved the attached copies of the Notice Forms, identified for by any method of delivery that requires a receipt or examined and am familiar with the information submitted inquiry of those individuals immediately responsible for d complete. I am aware that there are significant penalties orment.
Well Operator:	CNX GAS COMPANY LLC	Address:	1000 Consol Energy Dr
By:	Matt Hanley Mark Vands		Canonsburg, PA 15317
Its:	Manager - Permitting	Facsimile:	
Telephone:	724-485-3011	Email:	Matthanley@consolenergy.com
	NOTARY SEAL HOTARIAL SEAL EMERRI J KURAN Hotary Public KRLIM TWP, BREENE COUNTY minission Expires Dec 11, 2017	Subscribed and swo	orn before me this 9th day of Sulvey 2017. Wille Klude Notary Public Spires 12:11:17

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as 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 or your personal information, please contact DEP's Chief Privacy Officer at deprivacyofficer@wv.gov.

RECEIVED
Office of Oil and Gas

APR 21 2017

WV Department of Environmental Protegrizon 17

WW-6A (9-13)

API NO. 47- 95 - 022	212 F
OPERATOR WELL NO), SHR40DHS
Well Pad Name: SHR40	

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF APPLICATION

Notice Time Require	ment: notice shall be provi	ided no later tha	n the filing date of permit application.
Date of Notice: 4/20 Notice of:	Date Permit Applica	ntion Filed: <u>4/</u>	20/17
PERMIT FOR A	NY CERTIF	ICATE OF APP	PROVAL FOR THE
WELL WORK			AN IMPOUNDMENT OR PIT
Delivery method pur	suant to West Virginia C	ode § 22-6A-10	(b)
PERSONAL	REGISTERED	✓ METH	OD OF DELIVERY THAT REQUIRES A
SERVICE	MAIL		PT OR SIGNATURE CONFIRMATION
sediment control plan rethe surface of the tract of the surface of the tract of the surface of the erosion operator or lessee, in the more coal seams; (4) The well work, if the surface impoundment or pit as thave a water well, spring provide water for consupproposed well work act subsection (b) of this serecords of the sheriff reprovision of this article Code R. § 35-8-5.7.a. re	equired by section seven of the which the well is or is proving developed by the proposition and sediment control plants are event the tract of land on whe was to be used for the proposition and sediment control plants are event the tract of land on whe was to be used for the proposition of the set tract is to be used for the proposition of the proposit	this article, and the posed to be local sed well work, if submitted pursual which the well prurface tract or traplacement, constrained article; (5) A cated within one stic animals; and If more than three ands, the applicant suant to section of the lien holder is not rator shall also proposed to be local to be local and the local tractor shall also proposed to be local to be local tractor shall also proposed to be local to be local tractor shall also proposed to be local tractor tra	or signature confirmation, copies of the application, the erosion and the well plat to each of the following persons: (1) The owners of record of ated; (2) The owners of record of the surface tract or tracts overlying the of the surface tract is to be used for roads or other land disturbance as and to subsection (c), section seven of this article; (3) The coal owner, roposed to be drilled is located [sic] is known to be underlain by one or lects overlying the oil and gas leasehold being developed by the proposed function, enlargement, alteration, repair, removal or abandonment of any any surface owner or water purveyor who is known to the applicant to thousand five hundred feet of the center of the well pad which is used to a (6) The operator of any natural gas storage field within which the etenants in common or other co-owners of interests described in that may serve the documents required upon the person described in the eight, article one, chapter eleven-a of this code. (2) Notwithstanding any notice to a landowner, unless the lien holder is the landowner. W. Va. rovide the Well Site Safety Plan ("WSSP") to the surface owner and any as provided in section 15 of this rule.
☑ Application Notice	e ☑ WSSP Notice ☑E&	&S Plan Notice	☑ Well Plat Notice is hereby provided to:
Z SURFACE OWNER	R(s)		☐ COAL OWNER OR LESSEE
Name: Noble Energy, Inc		- '	Name:
Address: 1000 Noble Ene	rgy Drive		Address:
Canonsburg, PA 15317		_	- COAL OPERATOR
Name:		_	COAL OPERATOR
Address:		-	Name:
= CLIBEACE ONNIE	2/-> (D11/ Oth D)	Carrie Carriery	Address:
	R(s) (Road and/or Other Di		SURFACE OWNER OF WATER WELL
Address:		-	AND/OR WATER PURVEYOR(s)
			Name: Allen W. Seckman Address: 824 Jefferson Run Rd.
Address:		-	Alma, WV 26320
ruuress.			OPERATOR OF ANY NATURAL GAS STORAGE FIELD
SURFACE OWNER	R(s) (Impoundments or Pits	s)	The state of the s
	s(e) (Impoundments of The		Address: RECEIVED
Address:			RECEIVED
		-	*Please attach additional forms if necessary ffice of Oil and Gas

APR 2 1 2017



API NO. 47- 95 -	02212 =
OPERATOR WELL	NO. SHR40DHS
Well Pad Name: SHR	10

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF APPLICATION

Not	ice Time Requirement: 1	notice shall be provide	d no later than	the filing date of permit appl	ication.	
	e of Notice: 4/24/7 Daice of:	ate Permit Applicatio	on Filed: 4/2	0/17		
V	PERMIT FOR ANY	CERTIFICA	ATE OF APPR	OVAL FOR THE		
-	WELL WORK			N IMPOUNDMENT OR PIT		
	WELL WORK	CONSTRO	CHON OF AIR	VIMI CONDIVIENT OR TIT		
Deli	ivery method pursuant to	o West Virginia Code	e § 22-6A-10(b))		
	PERSONAL	REGISTERED	☑ METHO!	D OF DELIVERY THAT REC	OUIRES A	
	SERVICE	MAIL		T OR SIGNATURE CONFIRM		
sedifithe so oil a description oper more well important proving properties. The second proving substruction of the second	ment control plan required surface of the tract on which and gas leasehold being deveribed in the erosion and secretarior or lessee, in the event e coal seams; (4) The owner work, if the surface tract is boundment or pit as described a water well, spring or warded water for consumption cosed well work activity is the section (b) of this section had of the sheriff required the vision of this article to the central surface.	by section seven of this h the well is or is proposed by the proposed diment control plan sub the tract of land on whiters of record of the surfact is to be used for the place of in section nine of this ter supply source located by humans or domestic to take place. (c)(1) If no bld interests in the lands to be maintained pursuation to take place. In part, that the operator	s article, and the osed to be located well work, if the omitted pursuant ich the well propage ace tractor tracticement, constructs article; (5) Anged within one the canimals; and (6) more than three to so, the applicant report to section eight holder is not no or shall also proven	well plat to each of the following; (2) The owners of record of the surface tract is to be used for to subsection (c), section seven cosed to be drilled is located [sides overlying the oil and gas lease etion, enlargement, alteration, rely surface owner or water purvey ousand five hundred feet of the following the operator of any natural gamenants in common or other coomay serve the documents require ght, article one, chapter eleven-aptice to a landowner, unless the	ed upon the person described in the of this code. (2) Notwithstanding any lien holder is the landowner. W. Va. 'WSSP'') to the surface owner and any	
Ø A	Application Notice W	SSP Notice □E&S	Plan Notice [☑ Well Plat Notice is hereby	provided to:	
☑ SI	URFACE OWNER(s)		î	COAL OWNER OR LESSE	E	
	ne: Noble Energy, Inc					
Add	ress: 1000 Noble Energy Drive		1	Name:Address:		
Canon	sburg, PA 15317				/	
Nan	ne:		Ū	COAL OPERATOR		
Add	ress:		1	Name:		
			F	Address:		
□ SI	URFACE OWNER(s) (Ro	ad and/or Other Distu				
Nan	ne:		_	SURFACE OWNER OF WA		
Add	ress:			AND/OR WATER PURVEYO	PR(s)	
				Name: WV Department of Highways		
Nan	ne:		1	Address: 1 DOT Drive		
Add	ress:			Moundsville, WV 26041	<u> </u>	
			С	OPERATOR OF ANY NAT	URAL GASATORAGE ELD	
□ SI	URFACE OWNER(s) (Im	poundments or Pits)	1	Name:	Office of Oil and Gas	
	ne:		I	Address:	Office of Oil and das	
Add	lress:					
			*	*Please attach additional forms	if necessary APR 2 1 2017	

WW-6A	١
(8-13)	

API NO. 47-95 - 02212	F
OPERATOR WELL NO	SHR40DHS
Well Pad Name: SHR40	

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oiland-gas/pages/default.aspx.

Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section provisions of this section provisions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section provisions as the secretary considers necessary. other approval from the United States Army Corps of Engineers within any waters of the state or with of the States Army Corps of Engineers within any waters of the state or with of the States Army Corps of Engineers within any waters of the state or with of the States Army Corps of Engineers within any waters of the state or with of the States Army Corps of Engineers within any waters of the state or with of the States Army Corps of Engineers within any waters of the state or with of the States Army Corps of Engineers within any waters of the state or with of the States Army Corps of Engineers within any waters of the state or with of the States Army Corps of Engineers within any waters of the States Army Corps of Engineers within any waters of the States Army Corps of Engineers within any waters of the States Army Corps of Engineers within any waters of the States Army Corps of Engineers within any waters of the States Army Corps of Engineers within a state of the States in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 2012, 2012, 2016rt to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require after the delivers the items in the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require after the delivers the items in the control of the control

08/04/2017

WW-6A	
(8-13)	

API NO. 47-95	_ 02212 F
OPERATOR WELL	NO. SHR40DHS
Well Pad Name: SHE	R40

examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

Water Well Testing:

Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

Water Testing Laboratories:

Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court... (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

Written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

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

RECEIVED
Office of Oil and Gas

Such persons may request, at the time of submitting written comments, notice of the permit decision an Profit persons and profit qualified to test water. NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WW-6A
(8-13)

API NO. 47-95 - 02212	F
OPERATOR WELL NO.	SHR40DHS
Well Pad Name: SHR40	

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have **THIRTY (30) 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.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

Comment Requirements

Your comments must be in writing and 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.

Disclaimer: All comments received will be placed on our web site http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

- (1) The proposed well work will constitute a hazard to the safety of persons;
- (2) The plan for soil erosion and sediment control is not adequate or effective;
- (3) Damage would occur to publicly owned lands or resources; or
- (4) The proposed well work fails to protect fresh water sources or supplies.

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

RECEIVED
Office of Oil and Gas

APR 21 2017

WV Department of Environmental Protection

WW-6A (8-13)

API NO. 47-95 - 02212 COPERATOR WELL NO. SHR40DHS
Well Pad Name: SHR40

Notice is hereby given by:

Well Operator: CNX GAS COMPANY LLC

Telephone: 724-485-3011

Email: MattHanley@consolenergy.com

Address: 1000 consol energy drive

Canonsburg, PA 15317

Facsimile:

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as 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 or your personal information, please contact DEP's Chief Privacy Officer at deprivacyofficer@wv.gov.

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL
SHERRI J KURAN
Notary Public
FRANKLIN TWP, GREENE COUNTY
My Commission Expires Dec 11, 2017

Subscribed and sworn before me this 9th day of July 2017.

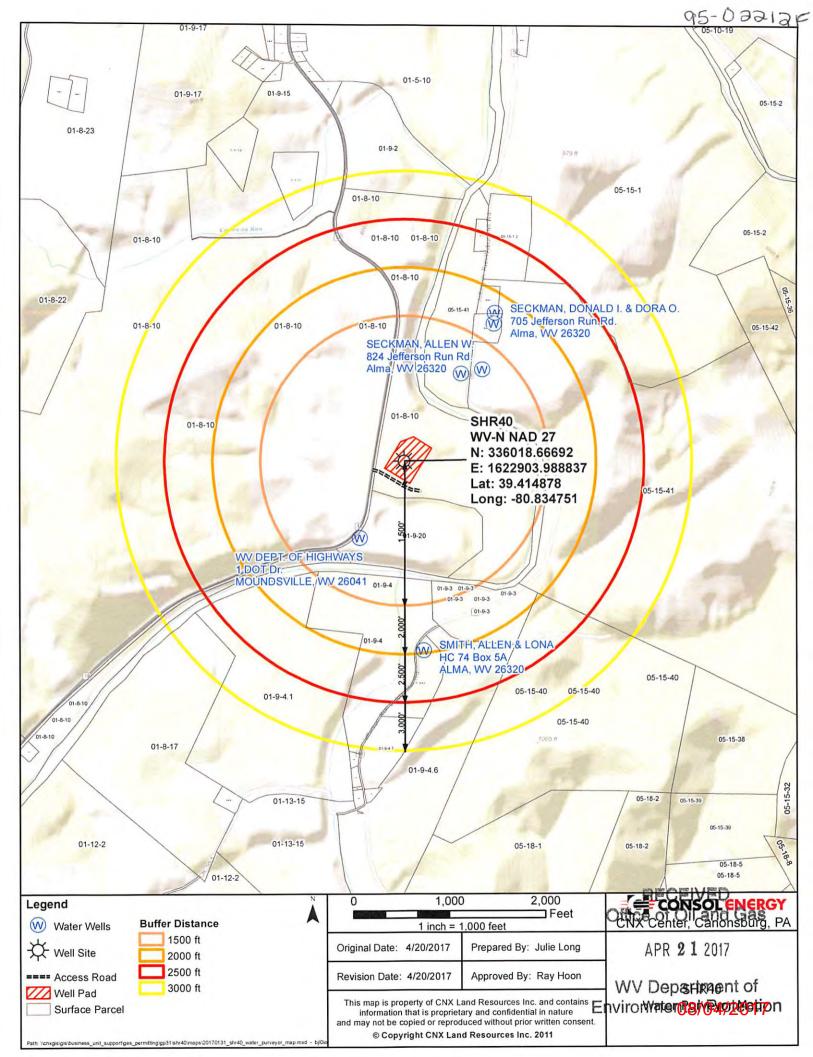
Mull Reluce Notary Public

My Commission Expires

RECEIVED
Office of Oil and Gas

APR 2 1 2017

WV Department of Environmenta PP/014/21017



WW-6A5 (1/12)

Operator Well No. SHR40DHS

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF PLANNED OPERATION

	Requirement: notice shall be pro ee: 4/20/17 Date Pe		o later than the filing pplication Filed:		application.
Delivery met	hod pursuant to West Virginia (Code §	22-6A-16(c)		
■ CERTI	FIED MAIL	П	HAND		
	RN RECEIPT REQUESTED		DELIVERY		
return receipt the planned of required to be drilling of a damages to the (d) The notice of notice.	requested or hand delivery, give to operation. The notice required by provided by subsection (b), section horizontal well; and (3) A proposite surface affected by oil and gas of	the surface of the su	ace owner whose land ubsection shall inclused this article to a surface use and compens not to the extent the date to the surface owner and the surface ow	I will be used for de: (1) A copy ace owner whose sation agreement amages are com	cation, an operator shall, by certified mail or the drilling of a horizontal well notice of of this code section; (2) The information se land will be used in conjunction with the at containing an offer of compensation for pensable under article six-b of this chapter, sted in the records of the sheriff at the time
(at the addres	s listed in the records of the sherif				
Name: Noble Ener		_ /	Name:		
Address: 100 Canonsburg, PA 15317	00 Noble Energy Drive		Addres	s:	
State: County: District:	the surface owner's land for the p West Virginia 095-Tyler Centerville		UTM NAD 8	Easting: Northing:	514245.726 4362847.122 County Rt.18
Quadrangle:	Shirley		Generally us	ed farm name:	Noble Energy, Inc
Watershed:	Headwaters Middle Island Creek				
Pursuant to V to be provide horizontal we surface affect information r	ed by W. Va. Code § 22-6A-10(bil; and (3) A proposed surface used by oil and gas operations to the leated to horizontal drilling may located at 601 57th Street, SE,	to a and contained extended to the extended to the obtained to	surface owner whose empensation agreement the damages are called from the Secre	e land will be on the containing and compensable und tary, at the WV	code section; (2) The information required used in conjunction with the drilling of a n offer of compensation for damages to the der article six-b of this chapter. Additional / Department of Environmental Protection) or by visiting www.dep.wv.gov/oil-and-department
Well Operato	T: CNX GAS COMPANY LLC		Address:	1000 Consol Energy Dr	
Telephone:	724-485-3011			Canonsburg, PA 15317	
Email:	Matthanley@consolenergy.com		Facsimile:		
Oil and Gas The Office of	Privacy Notice: Oil and Gas processes your person	onal info	ormation, such as nan	ne, address and	telephone number, as part of our regulatory ies 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 or your personal information, please contact

DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

APR 21 2017

Office of Oil and Gas



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

1900 Kanawha Boulevard East • Building Five • Room 110 Charleston, West Virginia 25305-0430 • (304) 558-3505

Jim Justice Governor

Thomas J. Smith, P. E. Secretary of Transportation/Commissioner of Highways

February 28, 2017

James A. Martin, Chief Office of Oil and Gas Department of Environmental Protection 601 57th Street, SE Charleston, WV 25304

Subject: DOH Permit for the SHR-40 Pad, Tyler County SHR-40 Well Site

47-095-02212 -DHS

Dear Mr. Martin,

The West Virginia Division of Highways has transferred Permit #06-2013-0420 for the subject site to CNX Gas Company LLC, for access to the State Road for the well site located off of WV Route 18 in Tyler County.

The operator has signed an OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated January 3, 2012.

Very Truly Yours,

Gary K. Clayton

Regional Maintenance Engineer Central Office Oil &Gas Coordinator

Cc: Ray Hoon

CNX Gas Company LLC

CH, OM, D-6

File

RECEIVED
Office of Oil and Gas

APR 2 1 2017

WV Department/9517 Environmental Protection

Section V – Proposed Additives to be used in Fracturing or Stimulations

Type: Water CAS: 7732-18-5

Type: Silica CAS: 14808-60-7

Type: Hydrochloric Acid CAS: 7647-01-0

Type: Copolymer of Two Propenamide CAS: 69418-26-4

Type: Petroleum distillate CAS: 64742-47-8

Type: Glutaraldehyde CAS: 111-30-8

Type: Ethylene glycol CAS: 107-21-1

Type: Diethylene glycol mono n-butyl ether CAS: 112-34-5

Type: Oleic acid diethanolamide CAS: 93-83-4

Type: Alcohols, C12-16, ethoxylated CAS: 68551-12-2

Type: Quaternary ammonium compound CAS: 68424-85-1

Type: Ammonium chloride CAS: 12125-02-9

Type: Short chained glycol ether CAS: 112-34-5

Type: Ethoxylated (C10-16) alcohols CAS: 68002-97-1

Type: Metanol CAS: 67-56-1

Type: Formaldehyde CAS: 50-00-0

Type: Thiourea CAS: 62-56-6

Type: Acetophenone CAS: 98-86-2

RECEIVED
Office of Oil and Gas

APR 21 2017

WV Department of Environmental Protection



LOCATION MAP

PROPERTY OWNERS

- I. JAMES L HOWARD 01-08-0010 4804 HATHAWAY DR. FRANKLIN, OH 45005
- 2. DAVID & LINDA WEEKLEY 01-08-0010 2908 MACON ST SOUTH CHARLESTON, WV 25303
- 3. DANIEL & SUZANNE WEEKLEY 01-08-0010 75 NICOLE DR GLASTON BURY, CT 6073
- 4. JOHN JAMES HOWARD LIVING TRUST 01-08-0010 2750 WESTFAIR AVE LANCASTER, OH 43130
- 5. JOSEPH HOWARD 01-08-0010 10 WOODLAND PARK DR PARKERSBURG, WV 26104



NOBLE ENERGY, INC. 333 TECHNOLOGY DRIVE, SUITE 116 CANONSBURG, PA 15317 TEL: (724) 820-3000

SHR40 WELL SITE

WELL SITE LOCATION

NAD 83 - LAT: N 39°24'54.057"; LONG: W 80°50'03.975" NAD 27 - LAT: N 39°24'53.768": LONG: W 80°50'04.595"

ENTRANCE LOCATION

NAD 83 - LAT: N 39°24'52.809": LONG: W 80°50'08.464"

NAD 27 - LAT: N 39°24'52.520"; LONG: W 80°50'09.084"

SHIRLEY QUADRANGLE TYLER COUNTY, WEST VIRGINIA DATE: MARCH 24, 2015



Engineers and Land Surveyors

11023 Mason Dixon Hwy. Burton, WV 26562-9656 (304) 662-6486

NOTE: DRAWING WAS CREATED ON 22x34 PAPER. IIXI7 DRAWINGS ARE HALF SCALE. REFER TO SCALE BAR FOR PROPER SCALING.



LOCATION MAP

Transfered to CNX Gas Company 3/28/2017

4.5



SHEET INDEX DRAWING NUMBER DRAWING NAME COVER SHEET 2.3 AS-BUILT CONDITIONS PLAN AS-BUILT CONDITIONS PLAN W/ ORTHO Blue Mountain Inc.

SUITE 5317

SHR40 WELL PAD BUILT COVER SHEET

Ne noble energy

DRAWNS NAME EMPLE.COMPLETE_ASSULT DWG SHEET I OF 3



