



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

May 27, 2014

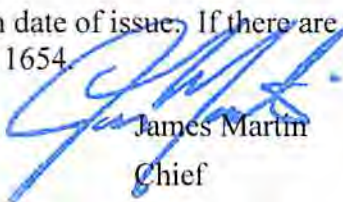
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-3303302, issued to XTO ENERGY, INC., is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

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. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.



James Martin
Chief

Operator's Well No: LYONS S-25
Farm Name: VENTURA, JOHN
API Well Number: 47-3303302
Permit Type: Plugging
Date Issued: 05/27/2014

PERMIT CONDITIONS

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

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. This well is under a consent order and must be plugged within two years of the date of issuance of this permit.

1) Date: 4/11/14
2) Operator's Well Number
Lyons S-25

3) API Well No.: 47 - 033 - 03302

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

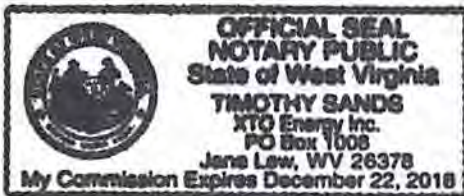
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Jonathon D. Ventura</u> ✓	Name _____
Address <u>2709 Rummel Brown Dr.</u>	Address _____
<u>Charleston, WV 25302-4927</u>	
(b) Name <u>William J. Ventura</u> ✓	(b) Coal Owner(s) with Declaration
Address <u>PO Box 964</u>	Name <u>Jonathon D. Ventura</u> ✓
<u>Scott Depot, WV 25560</u>	Address <u>2709 Rummel Brown Dr.</u>
	<u>Charleston, WV 25302-4927</u>
(c) Name _____	Name <u>William J. Ventura</u> ✓
Address _____	Address <u>PO Box 964</u>
	<u>Scott Depot, WV 25560</u>
6) Inspector <u>Sam Ward</u>	(c) Coal Lessee with Declaration
Address <u>PO Box 2327</u>	Name _____
<u>Buckhannon, WV 26201</u>	Address _____
Telephone <u>304-389-7583</u>	

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



Well Operator XTO Energy Inc.
 By: [Signature]
 Its: Production Superintendent
 Address PO Box 1008
Jane Lew, WV 26378
 Telephone 304-884-6000

Received

APR 22 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

Subscribed and sworn before me this 11th day of April 2014

[Signature] Notary Public
My Commission Expires 12/22/18

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

7012 1010 0002 5911 6529

CERTIFIED MAIL™ RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

William Ventura
 PO Box 964
 Scott Depot, WV 25560

JAMES LEW WV
 APR 14
 Lyons 5-25
 Plugging Application

Postmark Here

PS Instructions

7012 1010 0002 5911 6512

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Jonathon Ventura ✓
 2709 Rummel Brown Dr.
 Charleston, WV 25302

JAMES LEW WV
 APR 14 2
 Lyons 5-25
 Plugging Application

Postmark Here

PS Instructions

Received

APR 23 2014

Office of Oil and Gas
 WV Dept. of Environmental Protection

05/30/2014

1) Date 4/11, 2014
2) Operator's
Well No. Lyons S-25
3) API Well No. 47-033 - 03302

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

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

5) Location: Elevation 1003' Watershed Limestone Run-West Fork River
District Coal County Harrison Quadrangle Clarksburg 7.5'

6) Well Operator XTO Energy Inc 7) Designated Agent Gary Beall
Address PO Box 1008 Address PO Box 1008
Jane Lew, WV 26378 Jane Lew, WV 26378

Received

8) Oil and Gas Inspector to be notified Name Sam Ward
Address PO Box 2327
Buckhannon, WV 26201
9) Plugging Contractor Name _____
Address _____
APR 22 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

10) Work Order: The work order for the manner of plugging this well is as follows:
RIH and check TD, POOH and run 1 1/2" tubing down to TD, then circulate 6% gel back to surface and pump cement from 4475' up to 4300', perfs at 4424'-4421', pull tubing up to 4000' and wait for
cement to set up, RIH with small tools and tag T O C, pull tubing up to 3200' and pump cement up to 2900', perfs at 3144'-3142' and 3016'-3010', pull 1 1/2" tubing out and run free point tool in to find where 2 7/8" tubing
is free, make cut estimated at 2400', pump cement up to 2200', bottom of 7" casing at 2272', pull 2 7/8" tubing up to 1700' and pump cement up to 1600', pull tubing up to 1050' and pump cement up to 900', pull
tubing up to 325' and pump cement to surface. Install monument.

Cement - 4475'-4300' = 175' in 2 7/8" Cement - 1700'-1600' = 100' in 7" casing
Cement - 3200'-2900' = 300' in 2 7/8" Cement - 1050' - 900' = 150' in 7"
Cement - 2400'-2200' = 200' in 6 1/4" hole Cement - 325' - 0' = 325' in 7"

★ (NEED TO FREEPOINT 7" CASING
& CUT & PULL)

All Free casing must be pulled.
IF 7" is not CTS must be
pulled or ripped/shot if not free & cemented
according to standards

IF WELL CONSTRUCTION IS DIFFERENT
THAN EXPECTED AND PLUGGING PROCEDURES

NEED MODIFIED, NOTIFY SAM WARD
WR 38 MUST REFLECT CHANGES.

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector S. D. Warratt Date 4/15/2014

RM WW-2(B) FILE COPY
Reverse)



1) Date: January 15th 1985
2) Operator's Well No. Lyons S-25
3) API Well No. 47-033-3302-D
State County Permit

RECEIVED
JAN 31 1986

STATE OF WEST VIRGINIA
DIVISION OF OIL AND GAS DEPARTMENT OF ENERGY, OIL AND GAS DIVISION
DEPARTMENT OF ENERGY APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil Gas
 - B (If "Gas", Production Underground storage Deep Shallow)
- 5) LOCATION: Elevation: 985 Watershed: West Fork River
District: Coal 3 County: Harrison Quadrangle: Clarksburg 297
- 6) WELL OPERATOR Sheldon & Sheldon CODE: 44675 7) DESIGNATED AGENT David J. Sheldon
Address 901 W. Main St. Suite 201 Address 118 Westwood Ave.
Bridgeport, WV 26330 Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Steve Casey
Address RT 2 Box 232D
Jane Lew, WV 26378
- 9) DRILLING CONTRACTOR: Name Coastal Corporation
Address 3501 Emerson Ave. Suite 4B
Parkersburg, WV 26104
- 10) PROPOSED WELL WORK: Drill Drill deeper Redrill Stimulate
Plug off old formation Perforate new formation
Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Benson
 - 12) Estimated depth of completed well, 5,000 feet
 - 13) Approximate true depths: Fresh, 80,120 feet; salt, _____ feet.
 - 14) Approximate coal seam depths: 220,360 Is coal being mined in the area? Yes No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	N/A								Kind
Fresh water									
Coal	<u>EXISTING</u>					<u>1300'</u>	<u>1300'</u>		<u>Squeezed Cement</u> <u>2 300'-80'</u>
Intermediate	<u>7"</u>	<u>J55</u>	<u>23</u>		<u>X</u>	<u>1400'</u>	<u>1400'</u>	<u>120 SKS</u>	<u>Estimated to 300'</u>
Production	<u>4 1/2"</u>	<u>J55</u>	<u>10.5</u>	<u>X</u>		<u>4650'</u>	<u>4650'</u>	<u>265 SKS</u>	<u>Depths set or as required</u> <u>by rule 15.01</u>
Tubing									Perforations:
Lin.									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-033-3302-D Date January 31 19 86

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to section 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires January 31, 1988 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>AS</u>	Plat: <u>AS</u>	Casing: <u>AS</u>	Fee: <u>3349</u> <u>3347</u>	WPCP: <u>AS</u>	S&E: <u>AS</u>	Other: _____
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NOTE: Keep one copy of this permit posted at the drilling location. _____
Director, Division of Oil and Gas File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

Well log

7" Set 1300'

T.D. old hole 2350'

Will file complete well log after get drill deeper.

is complete + get log

Run on well

RECEIVED
JAN 31 1986

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY



IV-35
(Rev 8-81)

OIL AND GAS

APR 23 1986

State of West Virginia
Department of Mines
Oil and Gas Division

Date April 17, 1986
Operator's
Well No. S-25
Farm Lyons
API No. 47 - 033 - 3302-D

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas x / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production ___ / Underground Storage ___ / Deep ___ / Shallow x /)

LOCATION: Elevation: 985 Watershed West Fork River WS
District: Coal County Harrison Quadrangle Clarksburg,

COMPANY Sheldon and Sheldon, Inc.
ADDRESS 901 W. Main St., Suite 201, BRDGT, WV
DESIGNATED AGENT David J. Sheldon
ADDRESS 118 Westwood Ave., BRDGT, WV 26339
SURFACE OWNER Pete Perry & Helen Ventura
ADDRESS Clarksburg, WV
MINERAL RIGHTS OWNER Hugh K. Spencer
Leon F. Wilson
ADDRESS 700 Stealey Ave., Clarksburg, WV
OIL AND GAS INSPECTOR FOR THIS WORK

Steve Casey ADDRESS Rt. 2 Box 232D Jane Lew, WV

PERMIT ISSUED January 15th, 1986
DRILLING COMMENCED January 21, 1986
DRILLING COMPLETED March 13, 1986

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON N/A

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.		Received	
13-10"		APR 22 2014	
9 5/8			
8 5/8		Office of Oil and Gas WV Dept. of Environmental Protection	
7	2272	2272	350
5 1/2			
4 1/2			
3			
2 7/8	4534	4534	150
Liners used			

GEOLOGICAL TARGET FORMATION Benson Depth 4420' feet
Depth of completed well 4552 feet Rotary ___ / Cable Tools ___
Water strata depth: Fresh 290 feet; Salt ___ feet
Coal seam depths: ___ Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Benson & Speechly Pay zone depth 3003-32 feet
4412-26
Gas: Initial open flow ___ Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 104 Mcf/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 815 psig (surface measurement) after 72 hours 05/30/2014
(If applicable due to multiple completion--)

Second producing formation ___ Pay zone depth ___ feet
Gas: Initial open flow ___ Mcf/d Oil: Initial open flow ___ Bbl/d
Final open flow ___ Mcf/d Oil: Final open flow ___ Bbl/d

Time of open flow between initial and final tests ___ hours

Static rock pressure ___ psig (surface measurement) after ___ hours shut in

HARR 3302-DD

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

Perf. 4421-4424- 13holes

Frac using - 300 acid, 30,000#20-40-Sand, 207 bbls H2O and 488,000 s.c.f. N2.

ES 14A

Perf. 3010-3016- 6holes 3142-44 4holes

Frac used using - 750 gals acid, 28,000 #20-40 Sand, 152 bbls H2O & 330,000 s.c.f. N2.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Clay	Red	Soft	0	20	
Shale & sand	Gray	Soft	20	280	
Sand	"	Hard	280	345	Fresh Water 290
Shale & sand	"	Hard	345	600	
Sand	"	Hard	600	704	
Shale	"	Soft	704	742	
Sand & shale	"	Hard	742	833	
Sand	"	Hard	833	922	
Shale & sand	"	Medium	922	1292	
Big Lime	"	Hard	1292	1350	
Big Injun	"	Medium	1350	1470	
Shale	"	Soft	1470	1820	
Sand & shale	"	Soft	1820	2302	Gas 3010'
5th Sand	"	Medium	2302	2353	Gas 3144'
Shale	"	Soft	2353	2696	Gas 4421'
Sand & shale	"	Soft	2696	3007	
Speechly & sand		Medium	3007	3032	
Shale & sand	"	Soft	3032	4412	
Benson	Brown	Soft	4412	4425	
Shale	Gray	Soft	4425	4552 T.D.	

Received

APR 22 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

(Attach separate sheets as necessary)

SHELDON AND SHELDON, INC.

Well Operator

05/30/2014

By:

Date: Apr 17th, 1986

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including ... encountered in the drilling of a well."

RECEIVED
SEP 18 1986

INSPECTOR'S PERMIT SUMMARY FORM

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

WELL TYPE _____
ELEVATION 985
DISTRICT Coal
QUADRANGLE Clarksburg
COUNTY Harrison

API# 47-033-3302-D
OPERATOR Sheldon & Sheldon
TELEPHONE _____
FARM _____
WELL # Lyons s-25

SURFACE OWNER Ventura, John
TARGET FORMATION _____
DATE STARTED _____
LOCATION _____

COMMENTS _____ TELEPHONE _____
DATE APPLICATION RECEIVED 2-4-86
NOTIFIED DRILLING COMMENCED 2-24-86

WATER DEPTHS _____
COAL DEPTHS _____

PDC sub. rig

CASING
Ran _____ feet of 2 7/8 "pipe on 3-4-86 with 400 5x 4 fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up

TD 4552 feet on 3-4-86

PLUGGING

Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____
Field analysis ph _____ fe _____ ol _____
Well Record received _____

Date Released 9-16-86

IR-26 Provided by OO&G
Reverse

API# 47 33 - 3502 10

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1	2-6-86		Inspect	no one at rig
2	2-26		"	clean out at 2445'
3	3-6		"	TD.
4	9-14		"	reclamation OK
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes
 old 7" squeezed at 300'
 " 7" " " at 514'

CK #0007497008
100.00

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

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name XTO Energy Inc. OP Code 494487940

Watershed Limestone Run-West Fork River Quadrangle Clarksburg 7.5'

Elevation 1003' County Harrison District Coal

Description of anticipated Pit Waste: Fluids from plugging operations.

Will a synthetic liner be used in the pit? Yes 2014

SDW
4/15/2014

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number 4707302523, 4708505151, 4708509721)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Meadowbrook Landfill SWF#1032, RES Water Recycling -WMGR123SW005 (PA))

Proposed Work For Which Pit Will Be Used:

- Drilling
- Workover
- Other (Explain _____)
- Swabbing
- Plugging

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

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

Received

Company Official Signature [Signature] APR 22 2014

Company Official (Typed Name) Gary Beall

Company Official Title Production Superintendent

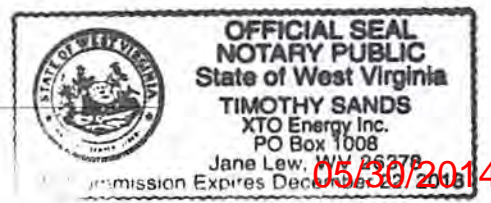
Office of Oil and Gas
WV Dept. of Environmental Protection

Subscribed and sworn before me this 11th day of April, 2014

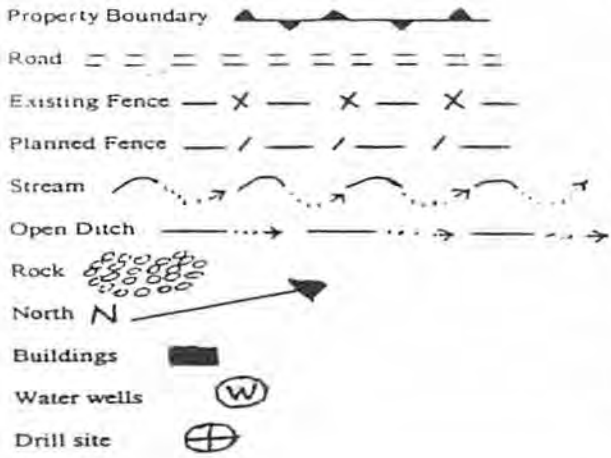
[Signature]

Notary Public

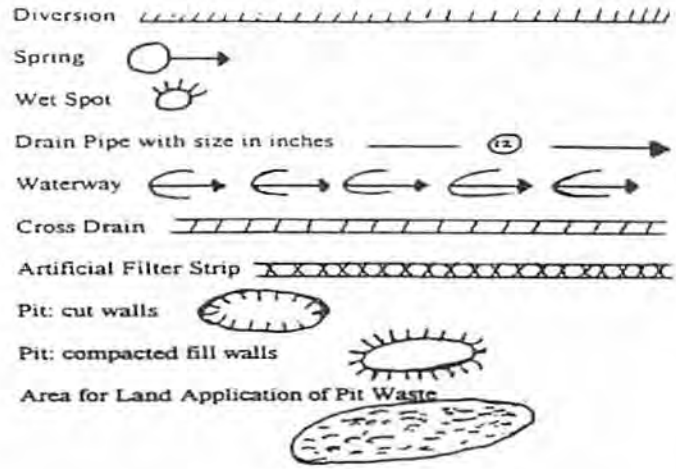
My commission expires 12/22/18



05/30/2014



LEGEND



Proposed Revegetation Treatment: Acres Disturbed .24 +/- Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH _____

Fertilizer (10-20-20 or equivalent) 1000 lbs/acre (500 lbs minimum)

Mulch 3 Tons/acre

Seed Mixtures

Seed Type	Area I	lbs/acre	Seed Type	Area II	lbs/acre
Kentucky Bluegrass		20			
Redtop		3			
Birdsfoot Trefoil		10			

Attach: Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Received

APR 22 2014

Plan Approved by: S. D. Wendt

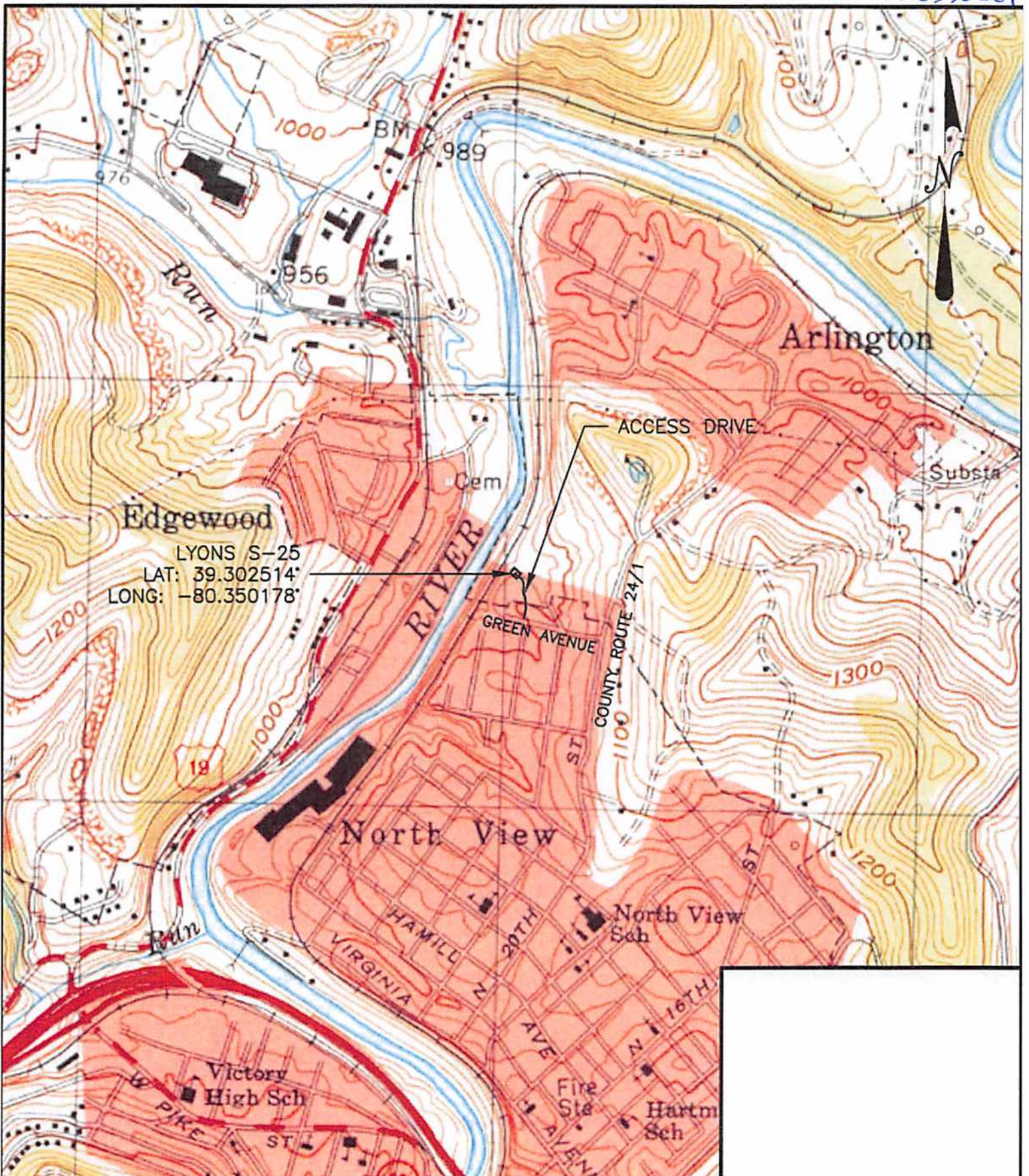
Comments: _____

Office of Oil and Gas
WV Dept. of Environmental Protection

Title: Oil & Gas Inspector

Date: 4/15/2014

Field Reviewed? () Yes (X) No



LYONS S-25
 LAT: 39.302514°
 LONG: -80.350178°

SCALE: 1:1000	DESIGNED BY: JMH	REVISION BY: _____	DATE: _____	DESCRIPTION: _____
	REVIEWED BY: MMV	REVISION BY: _____	DATE: _____	DESCRIPTION: _____
	DRAWN BY: JMH	REVISION BY: _____	DATE: _____	DESCRIPTION: _____
	DATE: 4/23/14	REVISION BY: _____	DATE: _____	DESCRIPTION: _____
	PROJ. NO.:	REVISION BY: _____	DATE: _____	DESCRIPTION: _____
	DRAWING NO.:	REVISION BY: _____	DATE: _____	DESCRIPTION: _____

DRAWING NO.

SHEET NO.
1

LYONS S-25
 prepared for
XTO ENERGY, INC.
 situated
 GREEN AVENUE, HARRISON COUNTY, WEST VIRGINIA
 UBGS MAP - CLARKSBURG QUADRANGLE

MKA Morris Knowles
 & Associates, Inc.
 Consulting Engineers & Surveyors
 443 Albana Drive
 Dalmat, PA 15628
 Telephone: (724) 468-4822
 Fax: (724) 468-8840

05/30/2014

WW-7
8-30-06



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

API: 47-033-03302 WELL NO.: 302147 (Lyons S-25)

FARM NAME: John Ventura

RESPONSIBLE PARTY NAME: XTO Energy, Inc.

COUNTY: Harrison 33 DISTRICT: Coal 3

QUADRANGLE: Clarksburg 7.5' 297

SURFACE OWNER: Jonathan D. & William J. Ventura, et al.

ROYALTY OWNER: Sam Lacaria

UTM GPS NORTHING: 4350549

UTM GPS EASTING: 556030 GPS ELEVATION: 306 m (1003 ft)

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

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

Survey grade GPS : Post Processed Differential
Real-Time Differential

Mapping Grade GPS X: Post Processed Differential X
Real-Time Differential

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Stacy O'Brien
Signature
11/3/14
Date

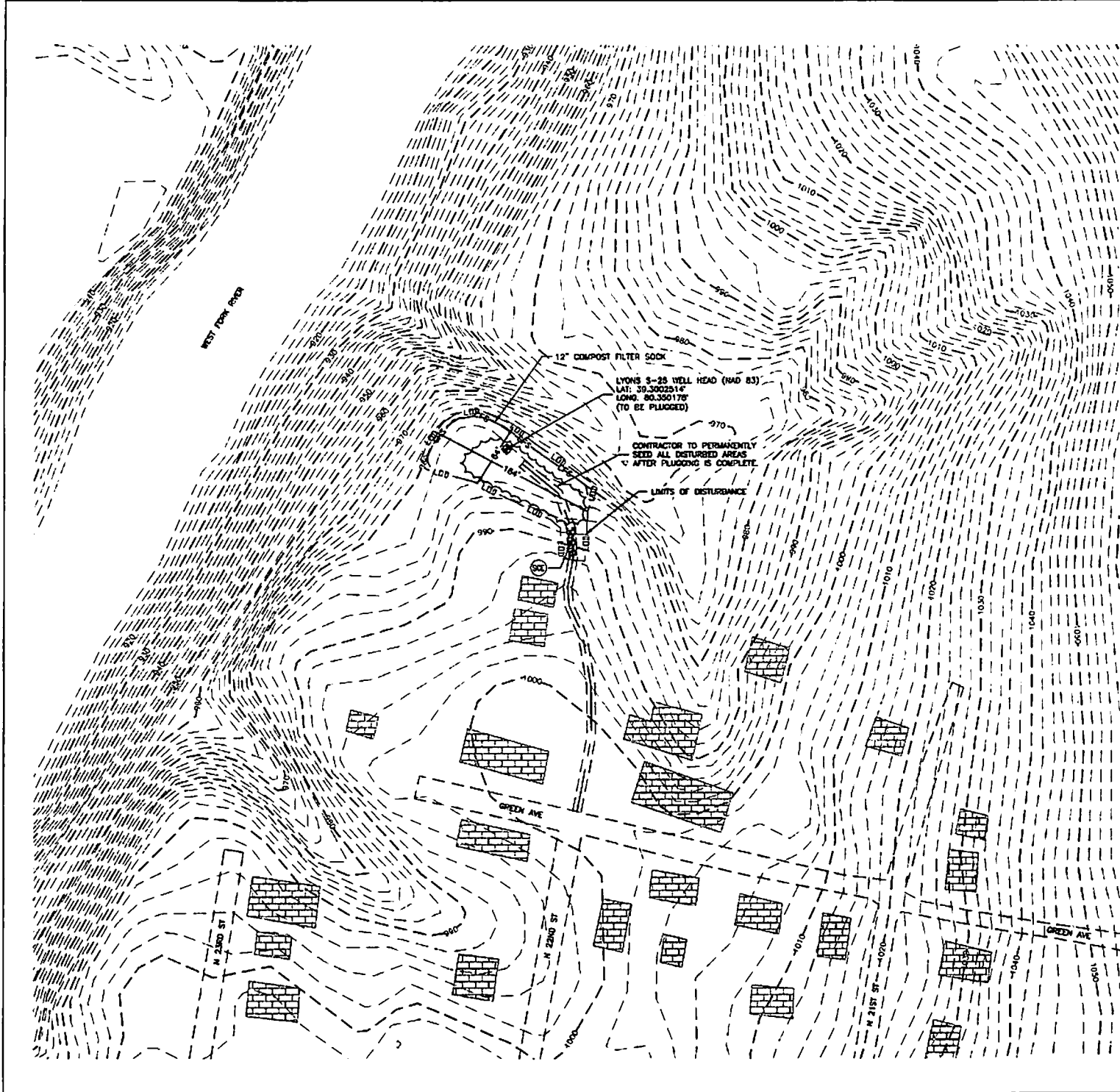
PS #2180
Title

Received

APR 22 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

33033028



ZONING:

NO ZONING

WETLANDS:

NO WETLANDS ON SITE

FLOOD_ZONE:

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP, MAP NUMBER 540330010D, EFFECTIVE DATE: OCTOBER 2, 2012, THE SUBJECT PROPERTY LIES WITHIN ZONE X WHICH IS DEFINED ON SAID MAP AS "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN".

NOTES:

1. EROSION CONTROL BLANKETS OR FLEXITERIA TO BE INSTALLED ON ALL CUT AND FILL SLOPES OF 3:1 OR STEEPER.
2. WHEREVER SEED AND MULCH IS APPLIED BY HYDROSEEDING METHODS, THE SEED AND MULCH SHOULD BE APPLIED ON SEPARATE APPLICATIONS WITH THE SEED BEING APPLIED FIRST AND THE MULCH SPRAYED ON TOP OF THE SEED. THIS IS TO ENSURE THAT THE SEED MAKES CONTACT WITH THE UNDERLYING SOIL. SOIL PREPARATION SHOULD BE COMPLETED PRIOR TO ADDING SEED TO THE HYDROSEEDING EQUIPMENT. RUNNING SEED THROUGH THE PUMPING SYSTEM CAN RESULT IN EXCESSIVE ABRASION OF THE SEED AND REDUCE THE PERCENTAGE OF PURE LIVE SEED IN THE APPLICATION. THEREFORE ALL SITE PREPARATION SHOULD BE COMPLETED PRIOR TO THE ARRIVAL OF THE HYDROSEEDER.

CONSTRUCTION SEQUENCE, LYONS S-25:

- STAGE 1: INSTALL ROCK CONSTRUCTION ENTRANCE AT EXISTING DRIVE.**
 A. EXCAVATE FOR AND FORM ENTRANCE.
 B. IMMEDIATELY STABILIZE ENTRANCE WITH ROCK.
- STAGE 2: INSTALL 12" COMPOST FILTER SOCKS.**
- STAGE 3: STABILIZE, REPAIR, AND MAINTAIN ACCESS DRIVE WITH GRAVEL, AS NEEDED.**
- STAGE 4: SEED AND MULCH.**
 A. SEED/MULCH EXISTING ACCESS DRIVE AREA WITH SPECIFIED SEEDING MIXTURE. ALL E & S CONTROL FACILITIES SHALL BE MAINTAINED AND KEPT FUNCTIONAL UNTIL SITE STABILIZATION IS COMPLETE.

LEGEND

STONE CONSTRUCTION ENTRANCE

EXISTING BUILDING

Office of Oil and Gas
 WV Dept. of Environmental Protection

SCALE: 1"=50'



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MORRIS KUCHALES & ASSOCIATES, INC.
 A HARRISONVILLE COMPANY
 433 ANDREA DRIVE DELMONT, PA 15028
 PH: (717) 463-4822 FAX: (717) 463-1840
 www.morriks.com



DESIGN BY:	DESIGN DATE:	DESIGN:
JES	04/15/14	ES-2
REV. BY: <td>DATE: <td>DESC:</td> </td>	DATE: <td>DESC:</td>	DESC:
JES	04/15/14	REVISED PER COMMENTS
REV. BY: <td>DATE: <td>DESC:</td> </td>	DATE: <td>DESC:</td>	DESC:
JES	04/15/14	REVISED PER COMMENTS
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JES	04/15/14	REVISED PER COMMENTS
REV. BY: <td>DATE: <td>DESC:</td> </td>	DATE: <td>DESC:</td>	DESC:
JES	04/15/14	REVISED PER COMMENTS

EROSION & SEDIMENT CONTROL PLAN - OVERALL
 LYONS S-25
 170 GREEN AVE.
 HARRISON COUNTY, WEST VIRGINIA



WVDEP
Office of Oil & Gas
601 57th Street, SE
Charleston, WV 25304-2345

Re: Application to Plug and Abandon
Lyons S-25
Coal District
Harrison County, WV

To Whom It May Concern:

In accordance with Article 22-6-23 of the West Virginia State Code regarding oil and gas operations, please find the attached application for the plugging and abandonment of the subject well. Notices of our intention to plug this wellbore have been sent to the surface owner, coal owners with declarations recorded, and coal operators associated with this well. Copies of the certified mail receipts are attached for your records. If you have any questions or need additional information, please feel free to contact me at 304-884-6000.

Sincerely,

Gary Beall
PO Box 1008
Jane Lew, WV 26378

GB/tps

Received

APR 22 2014

Office of Oil and Gas
WV Dept. of Environmental Protection



WVDEP
Office of Oil & Gas
Attn: Inspector Sam Ward
601 57th Street, SE
Charleston, WV 25304-2345

Re: Application to Plug and Abandon
Lyons S-25
Coal District
Harrison County, WV

Mr. Ward:

In accordance with Article 22-6-23 of the West Virginia State Code regarding oil and gas operations, please find the attached application for the plugging and abandonment of the subject well. Notices of our intention to plug this wellbore have been sent to the surface owner, coal owners with declarations recorded, and coal operators associated with this well. Copies of the certified mail receipts are attached for your records. If you have any questions or need additional information, please feel free to contact me at 304-884-6000.

Sincerely,

Gary Beall
PO Box 1008
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05/30/2014