



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

August 03, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-4901562, 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: E264
Farm Name: CONSOLIDATION COAL CO.
API Well Number: 47-4901562
Permit Type: Plugging
Date Issued: 08/03/2015

PERMIT CONDITIONS

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

CONDITIONS

1. 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.

WW-4B
Rev. 2/01

1) Date 7/13, 2015
2) Operator's
Well No. Talkington 2E-264
3) API Well No. 47-049 - 01562

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 ___/ ShallowX
- 5) Location: Elevation 1172' Watershed Quaker Fork
District Mannington County Marion Quadrangle Wallace
- 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
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Bill Hendershot Name _____
Address 403 James Street Address _____
Mannington, WV 26582

10) Work Order: The work order for the manner of plugging this well is as follows:
 Pull rods and tubing out of well, RIH and check TD at ^{3260'}3060'. POOH and run 2" tubing down to 3060' and circulate 6% gel back to surface, then pump cement from 3060' up to 2640', perfs at 3011' - 2840', pull tubing up to 2400' and flush tubing out, then wait for the cement to set up and RIH down tubing to tag cement at 2640', if ok pull tubing up to 2100' and pump cement up to 2000', then pull tubing out of well and run a CBL on the 4.5 casing, cement top at 1300' on bond log, cut casing and circulate 6% gel back to surface, pull casing out and run CBL on the 7" casing if any free pipe will pull, run tubing back to 1350' and pump cement up to 1075', pull tubing out if we need to pull any of the 7" casing, if not pull tubing up to 200' and pump cement to surface. Install well monument.

Cement - 3060 - 2640' = 420' in 4.5" Cement 475 - 375' = 100' in 9 5/8"
 Cement - 2100 - 2000' = 100' in 4.5" Cement 200 - 0' = 200' in 9 5/8"
 Cement - 1350 - 1075' = 275' in 7"

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

Work order approved by inspector Bill Hendershot Date 7-14-15

Received
Office of Oil & Gas
08/07/2015
JUL 20 2015

4901562 P

WR-35

DATE: March 21, 2005
API#: 47-04901562

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

[Handwritten signature]

Well Operator's Report of Well Work

Farm Name: Consolidation Coal Co. Operator Well No: E-264

LOCATION: Elevation: 1,172.48' Quadrangle: Wallace

District: Mannington County: Marion
Latitude: 9,465 Feet South of 39 Deg. 30 Min. 00 Sec.
Longitude: 8,605' Feet West of 80 Deg. 25 Min. 00 Sec.

Company: EXCEL ENERGY, INC.

	Casing & Tubing	Used in Drilling	Left in Hole	Cement fill Up Cu. Ft.
Address: <u>PO Box 1020</u>	<u>11 3/4"</u>	<u>40'</u>	<u>40'</u>	<u>N/A</u>
<u>Bridgeport, WV 26330</u>	<u>9 5/8"</u>	<u>880'</u>	<u>880'</u>	<u>300 sks</u>
Agent: <u>H.L. Barnett</u>	<u>7"</u>	<u>1,946'</u>	<u>1,946'</u>	<u>200 sks</u>
Inspector: <u>Terry Urban</u>	<u>4 1/2"</u>	<u>3,068'</u>	<u>3,068'</u>	<u>180 sks</u>
Date Permit Issued: <u>12/20/2004</u>				
Date Well Work Commenced: <u>02/15/2005</u>				
Date Well Work Completed: <u>02/23/2005</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig				
Total Depth (feet): <u>3,260'</u>				
Fresh Water Depth (ft.): <u>48', 1690'</u>				
Salt Water Depth (ft.): <u>N/A</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>826'-837'</u>				

OPEN FLOW DATA

Producing formation	<u>4th Sand, Gordon, Gordon Stray & 30'</u>	Pay zone depth (ft)	<u>2,950' - 2,892'</u>
Gas: Initial open flow	<u>462</u> MCF/d	Oil: Initial open flow	<u>1 - 2</u> Bbl/d
Final open flow	<u>253</u> MCF/d	Final open flow	<u>10</u> Bbl/d
Time of open flow between initial and final tests			<u>336</u> Hours
Static Rock Pressure	<u>270</u>	psig (surface pressure) after	<u>120</u> Hours
Second producing formation	<u>----</u>	Pay zone depth (ft)	<u>----</u>
Gas: Initial open flow	<u>----</u> MCF/d	Oil: Initial open flow	<u>----</u> Bbl/d
Final open flow	<u>----</u> MCF/d	Final open flow	<u>----</u> Bbl/d
Time of open flow between initial and final tests			<u>----</u> Hours
Static Rock Pressure	<u>----</u>	psig (surface pressure) after	<u>----</u> Hours

Office of Oil & Gas
Office of Chief
Office of Environmental Protection
08/07/2015

JUL 20 2015

NOTE: ON BACK OF THIS FORM PUT THE FOLLOING: 1.) DETAILS OF PERFORATED INTERVALS, FRACTURING, OR STIMULATING, PHYSICAL CHANGE. FTC. 2). THE WELL LOG WHICH IS A SYNTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATION INCLUDING COAL ENCOUNTERED BY THE WELL BORE.

Signed: [Signature]
By: Ron Furby, Operations Manager
Date: March 21, 2005

RECEIVED
Office of Oil & Gas
Office of Chief
MAR 22 2005
WV Department of Environmental Protection

MAR 15 2005

FORM WR-35

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

STAGE I **4th Sand & Gordon** (2,950' - 2,954') 4 shots, (2,976' - 2,980') 4 shots, 3,007' - 3,011') 4 shots, stimulated with 40,000# sand in 311 bbls S.L.F. using cross-linked liquid gel water frac system with nitrogen assist. A.T.P. 3,380 psi, ISIP 2,573 psi. Total N2 84,000 SCF, Avg. rate 25.7 BPM.

STAGE II **Gordon Stray & 30' Foot** (2,840' - 2,846') 8 shots, (2,888' - 2,892') 4 shots, stimulated with 27,000# sand in 325 bbls S.L.F. using cross-linked liquid gel water frac system with nitrogen assist. A.T.P. 3,780 psi. ISIP 2,480 psi. Total N2 72,300 SCF. Avg. rate 19 BPM.

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			0	10	
Coal & Shale			10	15	
Shale			15	70	½" Stream of water @ 48'
RR & Shale			70	120	
Sand & Shale			120	257	
Red Rock			257	266	
Sand & Shale			266	826	
Pittsburgh Coal			826	837	
Sand & Shale			837	1068	Damp @ 1040'
RR			1068	1080	
Sand & Shale			1080	1259	
Big Dunkard Sand			1259	1410	
Sand & Shale			1410	1950	1 ½" Stream of water @ 1690'
Maxton			1950	1988	
Sand & Shale			1988	2016	
Little Lime			2016	2032	
Sand & Shale			2032	2064	
Big Lime			2064	2151	
Greenbrier Injun			2151	2215	
Pocono Injun			2215	2258	
Sand & Shale			2258	2744	Damp @ 2305'
Gantz			2744	2763	Gas Check @ 2505' = No Show
Sand & Shale			2763	2784	
50 Foot			2784	2800	
Sand & Shale			2800	2817	
Gordon Stray			2817	2831	
Sand & Shale			2831	2862	
Gordon			2862	2874	
Sand & Shale			2874	2942	
Fourth Sand			2942	3010	
Sand & Shale			3010	3196	
Fifth Sand			3196	3108	
Sand & Shale			3108		TD

08/07/2015
Received
Office of Oil & Gas
JUL 20 2015

WW-4A
Revised 6-07

1) Date: 7/13/15
2) Operator's Well Number
Talkington 2E-264
3) API Well No.: 47 - 049 - 01562

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

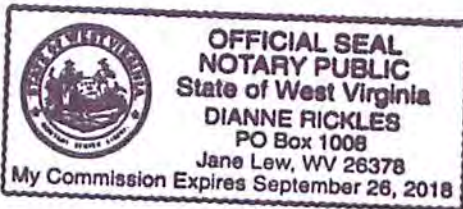
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Consolidation Coal Company</u>	Name <u>Murray American Energy</u>
Address <u>46266 National Rd.St.</u> <u>St. Claireville, OH 43950</u>	Address <u>46266 National Rd.St.</u> <u>St. Claireville, OH 43950</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Consolidation Coal Company</u>
(c) Name _____	Address <u>1000 Consol Energy Drive</u> <u>Cannonsburg, PA 15317</u>
Address _____	Name _____
6) Inspector <u>Bill Hendershot</u>	(c) Coal Lessee with Declaration
Address <u>403 James Street</u>	Name _____
<u>Mannington, WV 26582</u>	Address _____
Telephone <u>304-206-7750</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: Regulatory Compliance Technician
 Address PO Box 1008
Jane Lew, WV 26378
 Telephone 304-884-6000

Subscribed and sworn before me this 13th day of July 2015
[Signature] Notary Public
 My Commission Expires Sept. 26, 2018

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.

Received 08/07/2015
Office of Oil & Gas
JUL 20 2015

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10000

WW-9
(2/15)

API Number 47 - 049 - 01562
Operator's Well No. TALKINGTON 2E-264

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name XTO Energy Inc. OP Code 494487940

Watershed (HUC 10) Quaker Fork Quadrangle Wallace

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: Fluids from plugging operations.

Will a synthetic liner be used in the pit? Yes No If so, what ml.? Yes - 20 mil.

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)

Will closed loop system be used? If so, describe: NA

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. NA - Plugging

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

Additives to be used in drilling medium? NA

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Any solid waste from plugging will be taken to landfill.

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

-Landfill or offsite name/permit number? Meadowbrook Landfill SWF#1032

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

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on 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.

Company Official Signature Tim Sands

Company Official (Typed Name) Tim Sands

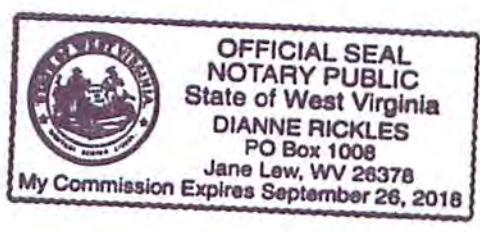
Company Official Title Regulatory Compliance Technician

Subscribed and sworn before me this 13th day of July, 2015

Dianne Rickles Notary Public

My commission expires Sept. 26, 2018

08/07/2015



Form WW-9

Operator's Well No. TALKINGTON 2E-264

XTO Energy Inc.

Proposed Revegetation Treatment: Acres Disturbed 1.2 Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH _____

Fertilizer type Commercial Fertilizer 10-20-20

Fertilizer amount 1000 lbs/acre

Mulch 3 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
<u>Annual Ryegrass</u>	<u>40</u>	<u>Kentucky Bluegrass</u>	<u>20</u>
_____	_____	<u>Redtop</u>	<u>3</u>
_____	_____	<u>Birdsfoot Trefoil</u>	<u>10</u>

Attach:

Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided)

Photocopied section of involved 7.5' topographic sheet.

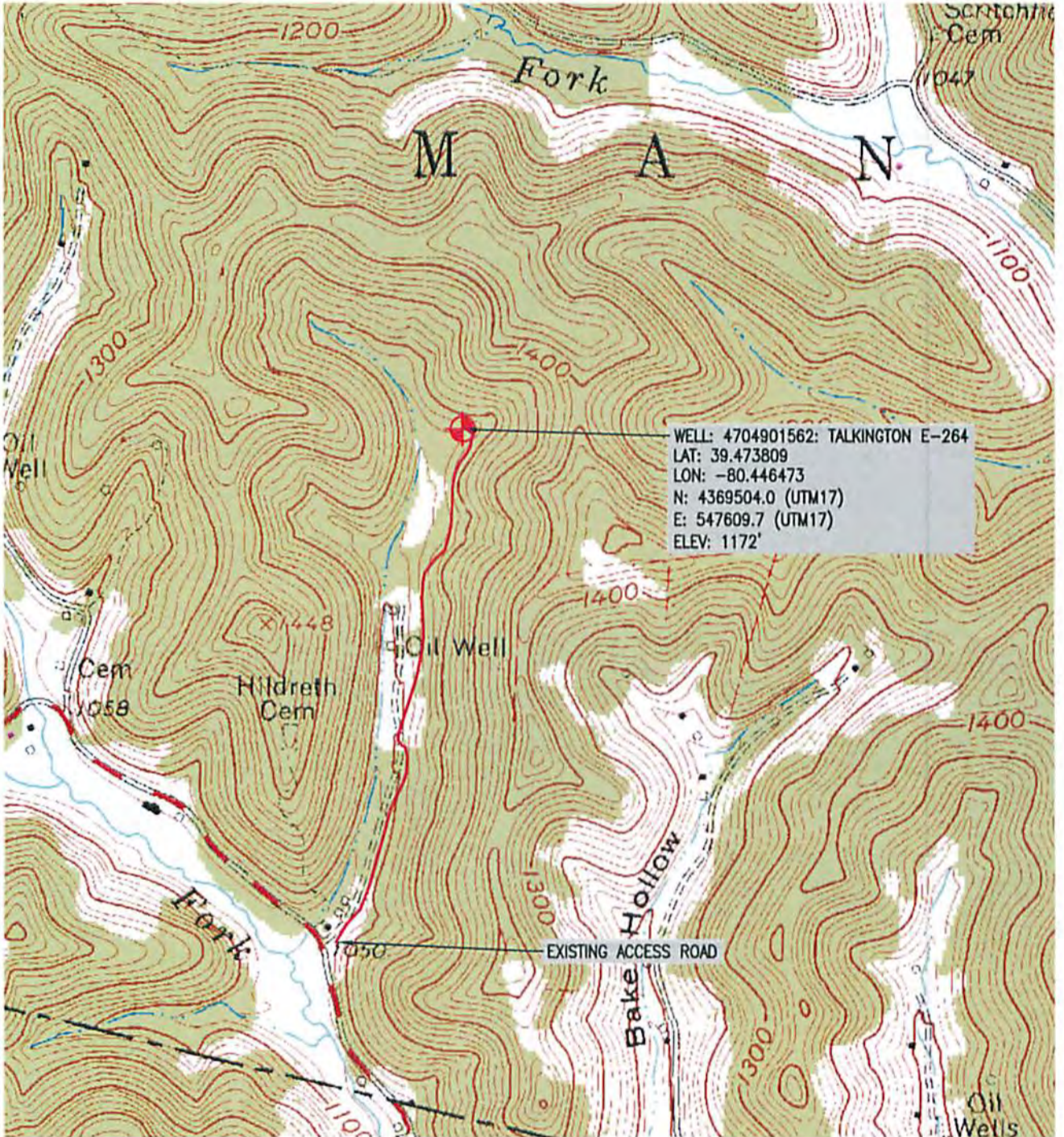
Plan Approved by: *Bill Handushek*

Comments: _____

Title: Environmental Inspector Date: 7-14-15

Field Reviewed? () Yes () No

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Office of Oil & Gas
JUL 20 2015
08/07/2015



MAP REFERENCE: U.S.G.S. WALLACE, WV



810 HOUSTON STREET
 FORT WORTH, TX 76102



TRI-COUNTY ENGINEERING, LLC

An ENERCON Company
 319 Paintersville Road
 Hunker, PA 15639
 www.tricountyeng.com

Voice: (724) 635-0210

WRW
 7-14-15
 Fax: (724) 635-0878



Excellence-Every project. Every day.

LOCATION MAP	
TALKINGTON E-264 WELL PLUG	
DRAWN BY: ZJC	MANNINGTON DISTRICT, MARION COUNTY, WEST VIRGINIA
DATE: 6/17/15	SHEET: 1 OF 1
SCALE: AS NOTED	FILE NO. OG61-19

08/07/2015

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-049-01562 WELL NO.: E-264

FARM NAME: Talkington, James

RESPONSIBLE PARTY NAME: XTO Energy, Inc.

COUNTY: Marion DISTRICT: Mannington

QUADRANGLE: Wallace

SURFACE OWNER: Consolidation Coal Company

ROYALTY OWNER: See attached list

UTM GPS NORTHING: 4369504.0

UTM GPS EASTING: 547609.7 GPS ELEVATION: 357 meters (1171')

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 : Post Processed Differential

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.


Signature

Project Manager
Title

July 6, 2015
Date

Received 08/07/2015
Office of Oil & Gas
JUL 20 2015

4901562P

WELL NUMBER	WELL NAME	OWNER NUMBER	OWNER NAME	ROYALTY INTEREST	ADDRESS LINE 1	CITY	STATE	ZIP
302629	TALKINGTON 2E-264	803864	ANNE L ALCORN	0.024739590	3830 KINGSWAY DR	CROWN POINT	IN	463078982
302629	TALKINGTON 2E-264	804798	JAMES TALKINGTON, JR.	0.010416670	1100 AVALON ROAD	FAIRMONT	WV	265540000
302629	TALKINGTON 2E-264	804798	JAMES TALKINGTON, JR.	0.010000000	1100 AVALON ROAD	FAIRMONT	WV	265540000
302629	TALKINGTON 2E-264	804828	JEAN E MCCUTCHEON	0.024739580	3335 DERRICKS CREEK RD	SISSONVILLE	WV	253200000
302629	TALKINGTON 2E-264	804878	RONNIE J TALKINGTON & SUSIE TALKINGTON	0.054687500	290 LITTLE WHETSTONE RD	MANNINGTON	WV	265826184
302629	TALKINGTON 2E-264	809443	ROCKHILL RESOURCES,	0.018000000	P.O. BOX 846	MIDLOTHIAN	VA	231130000
302629	TALKINGTON 2E-264	809702	DIANA KAY NEWTON & MICHAEL E. NEWTON	0.010416660	11816 W 1ST ST N	WICHITA	KS	672120000

08/07/2015
Received
Office of Oil & Gas
JUL 20 2015

4901562P



SITE LOCATION MAP
SCALE: 1"=1000'
MAP REF: WALLACE, WV
U.S.G.S. 7.5 MINUTE QUAD

WPA
2-14-15

THE PROPERTY BOUNDARIES SHOWN ON THIS MAP WERE OBTAINED FROM THE TAX MAPS AND ARE APPROXIMATE. THE PROPERTY BOUNDARIES SHOWN ON THIS MAP WERE OBTAINED FROM THE TAX MAPS AND ARE APPROXIMATE. THE PROPERTY BOUNDARIES SHOWN ON THIS MAP WERE OBTAINED FROM THE TAX MAPS AND ARE APPROXIMATE.

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			

LEGEND	
EXISTING PROPERTY LINE	---
PROPERTY LINE	---
EXISTING EASEMENT	---
NEW EASEMENT	---
EXISTING ROAD	---
NEW ROAD	---
EXISTING UTILITY	---
NEW UTILITY	---
EXISTING STRUCTURE	---
NEW STRUCTURE	---
EXISTING WELL	---
NEW WELL	---
EXISTING SEDIMENT CONTROL	---
NEW SEDIMENT CONTROL	---

NOTES:
 1. ELEVATIONS ARE APPROXIMATED FROM WEST VIRGINIA STATE TECHNICAL SURVEYS AND NOT FIELD SURVEY.
 2. PROPERTY LINES SHOWN ON PLANS ARE REFERENCED FROM COUNTY MAPS AND NOT FIELD SURVEY.
 3. NO TEMPORARY IMPACTS TO UTILITIES.
 4. NO TEMPORARY IMPACTS TO STREAMS.



PREPARED FOR:
XTO ENERGY
 810 HOUSTON STREET
 FORT WORTH, TX 76102

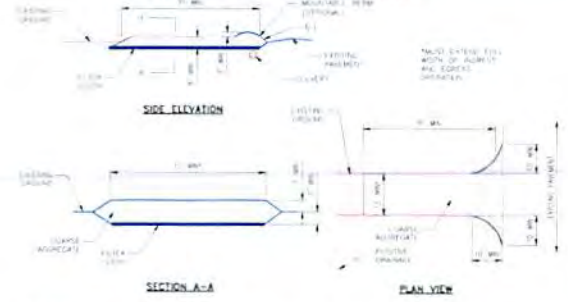
TRI-COUNTY ENGINEERING, LLC
 An ENERCON Company
 319 Parkersburg Road
 Parker, PA 15082
 www.tri-countyeng.com Fax: (724) 635-0675

SEDIMENT CONTROL PLAN
 TALKINGTON E-264 WELL PLUG

DATE: 6/11/2015
 SHEET: 1 OF 3
 DRAWING NO: 0061-19

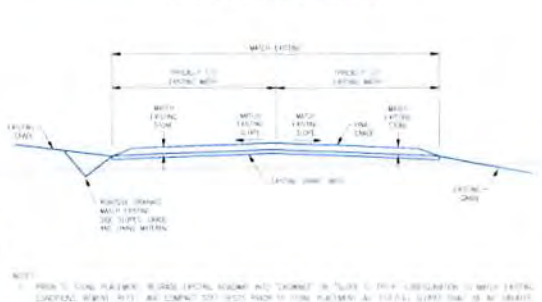
4901562P

STABILIZED CONSTRUCTION ENTRANCE



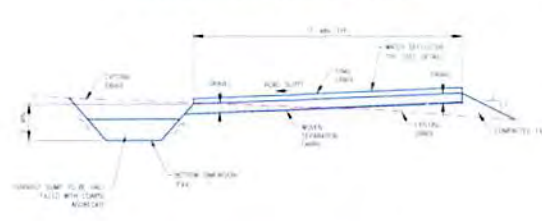
- NOTATION:**
- USE 2" X 4" INCH DIMENSION LUMBER ENTRIES (BACK SIDE OF 4" BAY FOR REAR USE OR MATERIAL STORAGE ENTRIES) LENGTH SHALL BE EQUAL TO BUT NOT LESS THAN 20 FEET EXCEPT ON A SINGLE WHEEL TRACK WHERE A 30-FOOT MINIMUM LENGTH SHALL APPLY.
 - ENTRIES SHALL BE NOT LESS THAN 8" HIGH.
 - THE WIDTH SHALL BE A MINIMUM OF 12 FEET BUT NOT LESS THAN 24 FEET WHERE WHEEL TRACKS OR FORCE VEHICLES.
 - GEOTEXTILE FABRIC SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO THE POURING OF CONCRETE.
 - ALL SURFACE WATER FLOWING ON OR INTO STABILIZED CONSTRUCTION ENTRANCES SHALL BE PREVENTED FROM ENTERING A CULVERT OR INFILTRATION A MEASURABLE SEAM WITH 1" GAPS SHALL BE USED.
 - NECESSARY WATER AND WASTE REMOVAL SHALL BE ACCESSED TO A DRAIN WITH A COMPOST FILTER SOCK SEPARATE BARRIER LOCATED ON OTHER SIDE OF THE STABILIZED CONSTRUCTION ENTRANCE.
- MAINTENANCE:**
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OF MATERIALS TO ADJACENT AREAS. REPAIRS TO ANY DAMAGE SHALL BE IMMEDIATELY REPAIRED. ALL DAMAGED MATERIALS SHALL BE REMOVED IMMEDIATELY.
 - WHEELS OR TYRES SHALL BE CLEANED TO REMOVE SOILS PRIOR TO ENTERING INTO PUBLIC RIGHTS OF WAY. A WASHING STATION IS REQUIRED. IT SHALL BE CONSIDERED AS A WASH STATION WITH WATER SUPPLY AND APPROVED WASHING STATION. IT SHALL BE CONSIDERED AS A WASH STATION WITH WATER SUPPLY AND APPROVED WASHING STATION.
 - PROTECTION AND MAINTENANCE SHALL BE PROVIDED TO ALL STABILIZED CONSTRUCTION ENTRANCES AND WATER SUPPLY AND APPROVED WASHING STATION.

GRAVEL ROAD RESTORATION



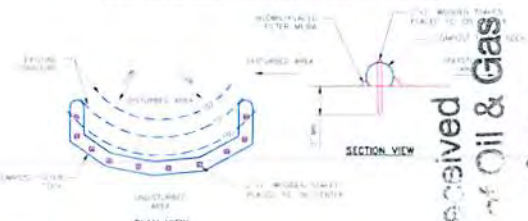
- NOTES:**
- ROAD TO BE RESTORED TO ORIGINAL CONDITION AND FINISH TO MATCH EXISTING SURFACE. ALL MATERIALS SHALL BE PLACED IN THE CORRECT ORDER AND PLACEMENT AS SHOWN ON THIS PLAN.
 - ROAD SHALL BE FINISHED TO ORIGINAL CONDITION AND FINISH TO MATCH EXISTING SURFACE.

ACCESS ROAD/LOW VOLUME DRIVEWAY



- NOTATION:**
- FINISH SURFACE SHALL BE SLOPED TO OTHER SIDE OF DRIVEWAY AND DRAINAGE MARKING.
 - INSTALL WATER DETECTOR AT PER CENT ON THIS PLAN FOR PROTECTIVE PURPOSES TO SURFACE DRAIN.
 - CONTRACTOR SHALL HAVE A SLOTTED CURB WITH A 1" GAP TO 1" DEPTH.
 - PLACE CURB AT HEIGHT AS SHOWN ON PLAN.
- MAINTENANCE:**
- RESTORED SURFACE SHALL BE MAINTAINED WITH ORIGINAL FINISH TO MATCH EXISTING SURFACE.
 - ROADS AT A MINIMUM SHALL BE CLEAN, CALIBERED, AND WITHIN THE HEIGHT WITHIN ANY OTHER LIMITS EXCEPT THIS PLAN TO 444.000 TO 444.000.

COMPOST FILTER SOCK (SEDIMENT BARRIER)



- NOTATION:**
- COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL UNLESS BOTH ENDS OF THE SOCK SHALL BE ELEVATED AT LEAST 2 FEET OR 3 FEET AS APPLICABLE TO THE ROAD SIDE OF ROAD.
 - SOCKS SHALL NOT BE PLACED TO CROSS EXISTING SOCKS.
- MAINTENANCE:**
- ACTIVATED SOCKS SHALL BE REMOVED WHEN IT REACHES 1/2 THE DESIGN HEIGHT OF THE SOCK AND DISPOSED PROPERLY OR REPAIRED WITHIN 24 HOURS OF FAILURE.
 - SOCKS SHALL BE INSPECTED REGULARLY AND AFTER EACH RAINFALL EVENT. DAMAGED SOCKS SHALL BE REMOVED ACCORDING TO MANUFACTURER'S INSTRUCTIONS OR REPLACED WITHIN 24 HOURS OF DETECTION.
 - DAMAGED SOCKS SHALL BE REPLACED WITH A MINIMUM 24-INCH DIAMETER SOCKS WITH A 1" GAP FOR PROPER FLOW.
 - SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
 - UPON STABILIZATION OF THE AREA PRIOR TO THE SOCK, TRAILS SHALL BE REMOVED. THE SOCKS MAY BE LEFT IN PLACE AND REINSTALLED OR REMOVED IN THE LATTER CASE THE SOCK SHALL BE TOP SOAK AND BE WASHED PERIODICALLY AT A 50% DISCOUNT.
- NOTES:**
- IN USE OF 30" DIAMETER SOCKS, USE A MINIMUM 18" HIGH DIAMETER COMPOST FILTER SOCK.
 - AT THE END OF ROAD OR DRIVEWAY, USE A MINIMUM 24-INCH DIAMETER COMPOST FILTER SOCK (SEDIMENT BARRIER).
 - IN USE OF OTHER SIZE SOCKS, USE A MINIMUM 24-INCH DIAMETER COMPOST FILTER SOCK.
 - COMPOST FILTER SOCKS SHALL BE MAINTAINED AND REPAIRED AS NECESSARY TO PREVENT FAILURE.

MINIMUM TYPE	18" HIGH	24" HIGH
MINIMUM DIAMETER (INCHES)	18	24
SOCK WIDTH (INCHES)	18	24
MINIMUM LENGTH (FEET)	10	10
MINIMUM FUNCTIONAL LENGTH (FEET)	10	10

COMPOST SHALL MEET THE FOLLOWING STANDARDS:

ORGANIC MATTER CONTENT	NUTRIENT (NPK) RATIO
ORGANIC MATTER	10-10-10
PHOSPHORUS	10-10-10
NITROGEN	10-10-10
PHOSPHORUS	10-10-10
NITROGEN	10-10-10
PHOSPHORUS	10-10-10
NITROGEN	10-10-10

REVISIONS

NO.	DESCRIPTION	DATE	BY

17818
1945
1948

PREPARED FOR:

XTO ENERGY
810 HOUSTON STREET
FORT WORTH, TX 76102

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SEDIMENT CONTROL PLAN DETAILS

TALKINGTON E-264 WELL PLUG

DATE: 6/19/2015

AS NOTED 3 OF 3 0061-19

Received
 Office of Oil & Gas
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