

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

November 23, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-3304158, 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 penalities 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.

Chief

Operator's Well No: 3-E-231

Farm Name: MORRIS, WILL E. - HEIRS

API Well Number: 47-3304158

Permit Type: PluggingDate Issued: 11/23/2015

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. <u>Failure to adhere to the specified permit conditions may result in enforcement action</u>.

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 under the terms of that agreement.

WW-4B Rev. 2/01

1)Date	, 20
2)Operator's	
Well No. 3E-231	
3) API Well No.	47 - 033 - 04158

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

OFFICE OF OIL AND GAS				
APPLICATION FOR A PERM	MIT TO PLUG AND ABANDON			
4) Well Type: Oil/ Gas X/ Liquid	d injection / Waste disposal /			
	derground storage) Deep/ Shallow X			
5) Location: Elevation 1088'	Watershed West Fork			
District Tenmile	County Harrison Quadrangle Wolf Summit			
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 Sam Ward	Name			
Address PO Box 2327	Address			
Buckhannon, WV 26201				
at 4764 - 4750°, then pull tubing up to 4500° and reverse circulation up tubing to flush, then wait for cer to 3525°, perfs at 3655 - 3626°, pull tubing up to 3478° and pump cement up to 3150°, perfs at 3428° 1000°, elevation at 1104°, pull tubing out and run wireline in, CBL shows cement top at 760°, cut casing $Cement - 4850 - 4600° = 250° in 4.5°°$ $Cement - 3715° - 3525° = 190° in 4.5°°$				
Notification must be given to the district of work can commence. Nork order approved by inspector	il and gas inspector 24 hours before permitted Oward Date 10/25/2015 11/27/201			

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Received Office of Oil & Gas NOV 06 2015

09-Jan-97 API # 47- 33-04158 WR-35 State of West Virginia Division of Environmental Protection Section of Oil and Gas eport of Well Work

Operator Well No.: 3-E Ora fermitting

SUMMIT

Gas Well Operator's Report of Well Work MORRIS, WILL E. HEIRS Farm name: Elevation: 1,104.00 Quadrangle: WOLF SUMMIT LOCATION: County: HARRISON TENMILE District: 14925 Feet South of 39 Deg. 22Min. 30 Sec. 950 Feet West of 80 Deg. 27 Min. 30 Sec. Latitude: Longitude Company: EXCEL ENERGY, P. O. BOX 1020 Cement Used in Left Casing Fill Up 26330-1020 BRIDGEPORT, WV in Well | Cu. Ft. Drilling Tubing HARRY L. BARNETT Agent: Size Inspector: TIM BENNETT 01/13/97 Permit Issued: 03/11/97 03/18/97 Well work Commenced: Well work Completed: Verbal Plugging Permission granted on: Rotary x Cable Total Depth (feet) 1285 sks 5099! Fresh water depths (ft) 4865' 4865' 780 sks Salt water depths (ft) Is coal being mined in area (Y/N)?N Coal Depths (ft): OPEN FLOW DATA Benson, Balltown Pay zone depth (ft)3428-4764 and Speechley
OW_110__MCF/d Oil: Producing formation_ Gas: Initial open flow 110 500 Bb1/d Initial open flow_ Final open flow 500 MCF/d Final open flow Time of open flow between initial and final tests Bb1/d Hours Static rock Pressure 1350 psig (surface pressure) after Hours Second producing formation Pay zone depth (ft)____
Gas: Initial open flow ____ MCF/d Oil: Initial open flow ____
Final open flow ____ MCF/d Final open flow ____ Bb1/d Bb1/d Final open flow_ Time of open flow between initial and final tests Hours --- psig (surface pressure) after _--- Hours Static rock Pressure_ FOLLOWING: 1). DETAILS OF PERFORATED PHYSICAL CHANGE, ETC. 2). THE WELL NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE. For: EXCEL ENERGY. INC Received Office of Oil & Gas H.L. Barnett

Date:

NOV 06 2015

1997

FORM WR-35

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

STAGE I	Benson	4750'-4764' (20 holes) Foam Frac using 250 bbls H_20 , 633,000 SCF N_2 , 5,000#80/100 sand, 60,000# 20/40 sand and 500 gal HCL.
STAGE II	Balltown	3626 '- 3655 ' (17 holes) Foam Frac using 170 bbl H_20 , 354,000 SCF N_2 , 5,000# 80/100 sand, 30,000# 20/40 sand and 750 gal HCL.
STAGE III	Speechley	3287'-3428' (20 holes) Foam Frac using 175 bbl H ₂ 0, 314,000 SCF N ₂ , 5,000# 80/100 sand, 30,000# 20/40 sand and 750 gal HCL.

WELL LOG

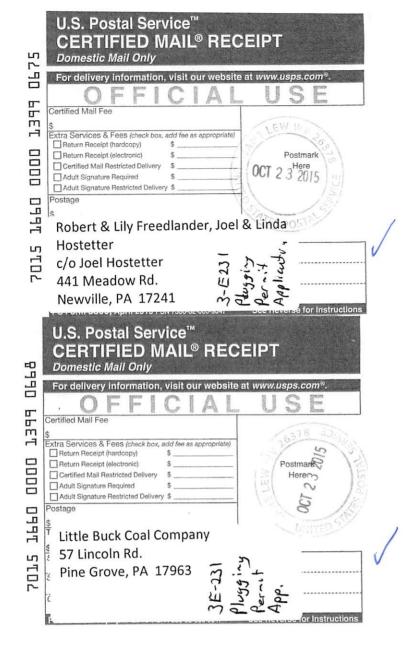
FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal oil and gas
P.11			0	77	
Fill			0	14	
Sand & Shale			14	20	
Sand			20	148	1/4" stream of water @ 50'
Coal & Shale			148	154	
Sand & Shale (I	RR)		154	524	
Sand			524	553	
RR & Shale			553	591	
Sand & Shale			591	752	
Sand			752	800	
RR & Shale			800	835	
Sand & Shale .			835	1780	1/4" stream of water @ 1280'
Lime			1780	1852	1/2" stream of water @ 1337'
Sand & Shale (I	R.R.)		1852	1945	Gas Check @ 1894' - No Show
Sand			1945	1998	
Sand & Shale			1998	2308	
Gantz			2308	2327	
Sand & Shale			2327	2418	
Fifty Foot Sand			2418	2454	
Sand & Shale			2454	2499	
Thirty Foot San	d		2499	2529	
Sand & Shale			2529	2550	Gas Check @ 2542' - No Show
Sand & Shale			2550	2651	<u> </u>
Fourth Sand			2651	2664	
Sand & Shale			2664	2798	
Bayard			2798	2802	
Sand & Shale			2802	2816	
Bayard			2816	2820	
Sand & Shale			2820	3287	Gas Check @ 3801' - No Whow
Speechley			3287	3428	
Sand & Shale			3428	3626	11/27/201
Balltown			3626	3655	ъ
Sand & Shale			3655	4750	Received
Benson			4750	4764	Office of Oil & Gas
Sand & Shale			4764	5099	T.D.
Dana w Diane					NOV 06 2015

WW-4A Revised 6-07			1) Da 2) Or 3E-231	ate: perator's Well Number
			3) AP	I Well No.: 47 - 033 - 04158
		STATE	OF WEST VIRG	INIA
DF		ENVIRONMENT	TAL PROTECT	TION, OFFICE OF OIL AND GAS ND ABANDON A WELL
,	ner(s) to be served:		a) Coal Operator	r
(a) Name	Robert & Lily Freedlands	er, Joel & Linda Hostette		
Address	441 Meadow Rd		Address	
	Newville, PA 17241		- 4) 0 10	() (d. D. L
(b) Name				wner(s) with Declaration
Address			_ Name	Little Buck Coal Company /
			Address	57 Lincoln Rd.
())]			Mana	Pine Grove, PA 17963
(c) Name			– Name Address	
Address			- Address	
6) Inspector	Sam Ward			ssee with Declaration
Address	PO Box 2327		Name	
7000 101 101	Buckhannon, WV 26201		Address	
Telephone	304-389-7583		_	
TO THE PE	RSONS NAME	D ABOVE: You	ı should have rece	eived this Form and the following documents:
well	application to Plug and a its and the plugging wor plat (surveyor's map) sho	k order; and		n sets out the parties involved in the work and describes the
The reason		nts is that you have righ		cation which are summarized in the instructions on the reverses side.
200			the condensation of contl	operator proposes to file or has filed this Notice and Application and
accompany	ing documents for a permit	to plug and abandon a w	ell with the Chief of th	the Office of Oil and Gas, West Virginia Department of Environmental ion and depicted on the attached Form WW-6. Copies of this Notice,
Protection, the Applica	with respect to the well at the atton, and the plat have bee	n mailed by registered	or certified mail or de	elivered by hand to the person(s) named above (or by publication in
certain circ	umstances) on or before the	day of mailing or deliver	ry to the Chief.	
		Well Operator	XTO Energy Inc.	
OEI	FICIAL SEAL	By:	TA	
NOT	ARY PUBLIC	Its:	Regulatory Complian	ce Technician
State of	of West Virginia	Address	PO Box 1008	
	NNE RICKLES O Box 1008		Jane Lew, WV 26378	3
Jane	Lew. WV 26378	Telephone	304-884-6000	
Commission Expires	September 26, 2018			
	2.3	00	Dat	ben 2015
Subscribed and	sworn before me th	is da	ay of	Nek 2010
	leance He	RUES	- 10 2 10 D1	<u>ber 2015</u> Notary Public 2018
My Commission	h Expires	Slpten	nalk 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 depprivacyoffier@wv.gov.

Receive 27/2015 Office of Oil & Gas NOV 06 2015



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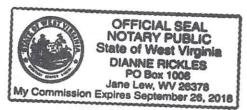
WW-9 Rev. 5/08

	Page		of	
API Number 47 -	. 033	-	04158	
Operator's Well N	O. 3-E-231			

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 I	nc.	OP Code 494487940	
Watershed West Fork	Quadra	mgle Wolf Summit	
Elevation 1088'	County Harrison	_{District} _Tenmile	
Description of anticipated Pit Was	ste: Fluids from plugging opera	ations.	
Will a synthetic liner be used in the	ne pit? Yes - 20 mil.	_	$\leq D\omega$
Reuse Off Site	application ground Injection (UIC Permit Number_ (at API Number e Dispposal (Supply form WW-9 for dis	707302523, 4708505151, 4708509721	5000 10 23 205) 05 (PA)
Proposed Work For Which Pit Wi Drilling Worko Other	g S	Swabbing Plugging	
on August 1, 2005, by the Office of provisions of the permit are enfortance of the permit are enfortance of the provisions of the permit are enfortance of the permit are enfortance of the permit are enfortance of the permit are enforted and the permit are enforted application form and all attachmobility of the permit of th	of Oil and Gas of the West Virginia Depreceable by law. Violations of any term rement action. of law that I have personally examined ments thereto and that, based on my eve that the information is true, accurrmation, including the possibility of fine		erstand that the other applicable omitted on this responsible for
Subscribed and sworn before me	u Rikles	Notory Public	
My commission expires	September 26,2		- al
		Receive	ad 1423/201



Office of Oil 8 123/2015

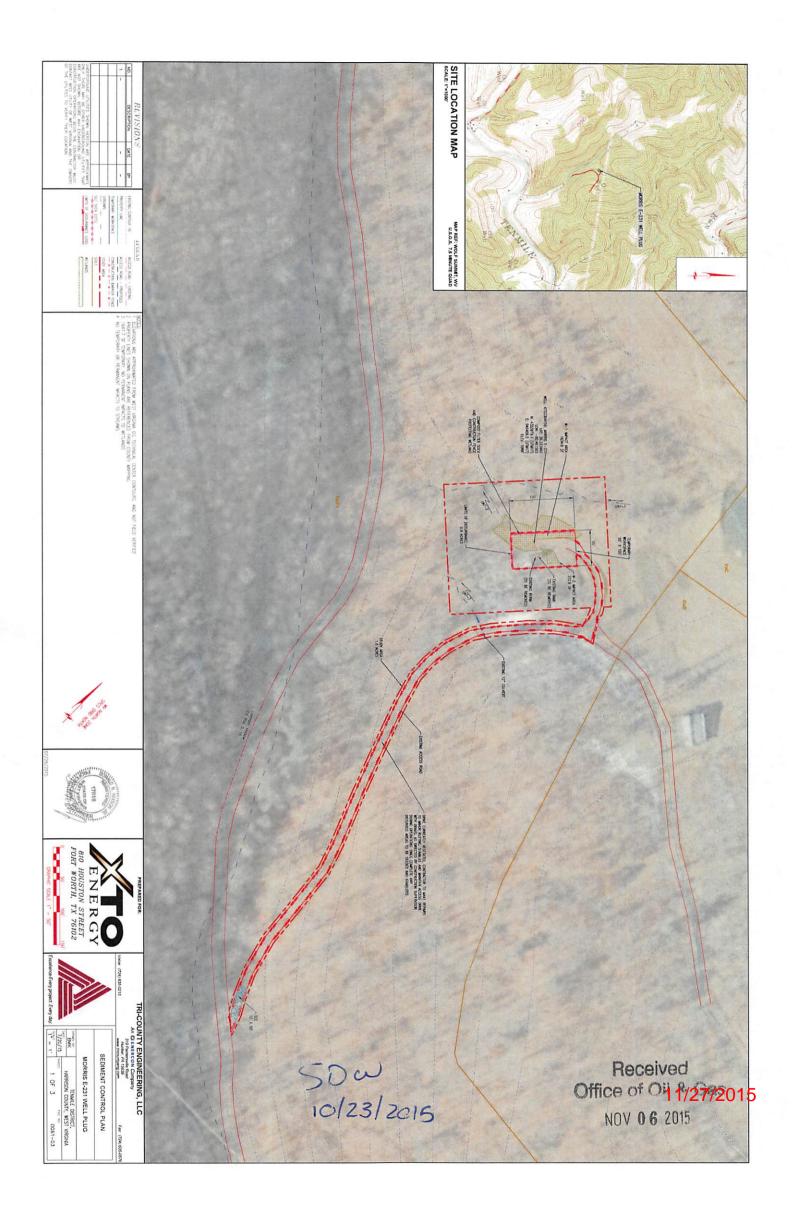
Form	WW-9	

Operator's Well No. 3E-231

Property Boundary	Diversion (1:11/11/11/11/11/11/11/11/11/11/11/11/11	111111111111111111111111111111111111111
Road = = = = = = = = = = =	Spring -	
Existing Fence — X — X — X —	Wet Spot	
Planned Fence / / /	Drain Pipe with size in inches	②
Stream	Waterway C	$\rightarrow \iff \iff$
Open Ditch	Cross Drain ////////	111111111
Rock 655652	Artificial Filter Strip XXXXXX	XXXXXXXXXXXX
North N	Pit: cut walls	
Buildings	Pit: compacted fill walls	TICK
Water wells	Area for Land Application of Pit W	aste
Drill site	(===	
Proposed Revegetation Treatment: Acres Disturbed 0.4 +/-	Prevegetation pH	
Lime 3 Tons/acre or to correct to pH		
	acre (500 lbs minimum)	
Mulch Tons/ac	re	
Seed	Mixtures	
Area I	Area II	
Seed Type lbs/acre	Seed Type	lbs/acre
Annual Ryegrass 40	Kentucky Bluegrass	20
	Redtop	3
	Birdsfoot Trefoil	10
Attach: Drawing(s) of road, location,pit and proposed area for land appli Photocopied section of involved 7.5' topographic sheet.	cation.	
Plan Approved by: Dward	<u>a</u>	
Comments:		
Title: OGG Inspector	Date: 10/23/2015	
) No	
We consider the Control of the Authority Management of the Control		

LEGEND

Received 11/27/2015
Office of Oil & Gas
NOV 0 6 2015



PROJECT DESCRIPTION

THE MESSE 1-213 BILL PLIC PROJECT MAYONS HE PLICORA AND JAMPONANCH OF HE WOSSE 1-213 SHALL AND AND THE HE WITH 154 COUNTY HE WAS THE PLAN THE PLAN TO SOME THE WAS THE PLAN THE WAS THE PLAN THE WAS T TRI-COUNTY EVENEERING, LLC (TCE). ON BEHUT OF XTO ENERGY, NC., PREPARED THIS SEDMENT CONTROL PLAN FOR THE MORRIS E-231 TANK INSPECTION PROJECT. THE PROJECT IS LICONITY APPROXIMATELY 8.5 MILES SOUTHWIST OF LUMBEROURY IN THE TENNAL DISTRICT OF HARRISON COUNTY, MEST VIRGINA.

THE CONTRACTOR SHALL USE WEST VIRGINA EROSION AND SEDIMENT CONTROL FIELD MANUAL STANDARD EROSION AND SEDIMENTATION CONTROL NEASURES AND NOTES

BEST WANGSENT PRICTICES WILL BE USED DURNG CONSTRUCTION TO HELP WINNETE SEQUENTATION TO ANY STREAMS AND/DR WETLANDS AND TO KEP MAD, DIRT, AND DEBIES OFF THE PUBLIC ROADS THAT COULD BE DEPOSITED FROM THE EQUIPMENT USED FOR CONSTRUCTION OF THE PROJECT.

IF PROJECT LAIRS CHARGE FOR NEEDS OF CONSTRUCTION, AND ADDITION, WATERSOOES AND/OR WETLANDS ARE TO BE CROSSED OR MPACTED, IT IS THE CONTRACTOR'S RESPONSEDLIN' TO ACQUIRE THE NECESSARY PERMITS PROPE TO AMPLITHAL THOSE FEATURES. brison and semenation control measures to be used for the project are compost filter socks, sharleed construction entrace, and timber and brocks for stream and welland drossomes (when applicable)

e fore access, are accid or bette routs are detenance, oblan he recessar from the do minimo wor for he new routs. Provoe eccom urbody on he on-sette souts are detenance the location of the access routs are he configuration as Shruetd confirmation entrinaces, to be use

VECETATIVE PRACTICES - TEMPORARY AND PERMANENT

PREMARIA TOCTUME STRUCTUME TERROR. AND PERMARIA VECTUME STRUCTUME STRUCTUME ON A REPORT DIE TERRORA VECTUME CONTR. TIL SON DEL REGIONE CHE CHE RECENT TERROR. AND PERMARIA VECTUME STRUCTUME STRUCTUME ON A DEPEN OF Z. RELIGIO AL ACCIONACE WITH THE SEEDING STRUCTUME OF THE PARK THEOLOGY.

THEYSAM VICTOM, PRICTICS (MITTER STREIGHTS): SLOPE AREAS, SIG. SCOOKERIS, OR LIGHANDESS THAT HELL STEED DIE TO DATORISEN GROUNDIACES DIRNG OPERITORS OR THAT HEL REMAIN IN PAULT OR HORT THAN THO RELICS ONLL RECORT TEMPORARY SECONG. THESE AREAS WIL BE TEMPORARY STREIGTO IN ACCORDINGE WITH THE SECOND TABLES OF THIS PAIM.

E PUAS AND SPECIFICATIONS FOR INSTALLING TOPSOIL SHALL BE IN KEEPING WITH THIS STANDARD AND SHALL DESCRIBE THE REQUIREMENTS FOR APPLYING. E PRACTICE TO ACHERY ITS INTENDED PLIPPOSEL. AT A WINNEW INCLIDE THE FOLLOWING FEMS. TOPOM, SOLVEY,
STOCHER, LOZION AND WITHOO OF SMARLDATION PRODE TO USE,
STOCHER, LOZION AND WITHOO OF SMARLDATION PRODE TO USE,
STOCHER, LOZION AND WITHOOS OF APPLICATION, INSTRUMENTON AND COMPACTION.

LIMAG OF SUBSIOL— HERE HE PH OF THE EXISTAC SUBSIOL IS 6.0 DR LESS, OR HE SON, IS COMPOSED OF HEAV CLAYS, INCOMPOSATE LIBERAL LIMESTONE IN MOUNTS RECOMMENDED BY SON, ITSUS DR SPECTRED FOR HEE SEEDING MOTHER TO BE USED. INCOMPOSATE LIBER TO A LESTH OF AT LESS.

3 MARKET PERSON. GRADING- MANTAIN GRADES ON THE AREAS TO BE TOPSOLED ACCORDING TO THE APPROVED PLAN AND DO NOT ALTER THEM BY ADDING TOPSOIL

SITE PREPARATION—BEFORE SPREADAG TOPSOIL ASSURE THAT ALL NECESSARY SEDMENT CONTROL PRACTICES, SUCH AS DIVERSIONS AND SEDMENT BARRIERS ARE IN PLACE AND TEMPLORING PROPERLY. THESE PRACTICES WIST BE MANUANED UNTIL THE SITE IS PERMANENTLY STABILIZED.

NAME, MEDIATUR PROR TO SPREAMS THE COSCUL LOSSIS THE SUBSPACE OF DISONG OR SCARFTING TO A GETH OF AT LOST 4 MADES, TO BROWNED THE TOPOGLAMO SUBSISLE FAO MENDMENTS HAVE BETA ACCIDENDATED, LODGEN THE SOUL TO A SEPTH OF AT LOST 6 MOVES SPREAMS THE TOPOGLAMO SUBSISLE FAO MENDMENTS HAVE BETA ACCIDENDATED, LODGEN THE SOUL TO A SEPTH OF AT LOST 6 MOVES.

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COVER IN THE AREAS THAT WILL ADEQUATELY PREVENT RILLING.

SIDNA-SID SHU, IE DOM MPHO MIH A REMOCKS SIDRE, DRU, CUTRACOS SIDRE DE MORSCIEZE, SHUL CAMAS SHU, IE HANTO NO MEN THAN I AMES DETEN SHUL COME NA LA MEN ANTON DE MORSCINA HAND NO MEN THAN I AMES DETEN SHUL SIN, SOUN À AMEN MEN, SHUL MEN ANTON DOM MEN ANTON DE MORSCINA HAND NO MEN THAN A MEN SHUL DE WINDOWN TO MEN SHUL ME PANTO NO MEN THAN A HANT DEN DE MORS HAND DEME CHO MAD DEM SUMMER MANTE, COMETON HA HAND NEW SHUL DES WAND DEME CHO MAD DEM SUMMER MANTE, SHUL I MULCHAR MEN SHUL DES WAND DEME CHO MAD DEM SUMMER MANTE, SHUL I MULCHAR MEN SHUL DE WAND DEME CHO MANTE DE MORSCINA SHUL THE MANTE DE MORSCINA SHUL DE DE MORSC

F CONSTRUCTION LANTS NEED TO BE EXPANDED BYTOND THE LANTS OF DISTURBANCE AREA SHOWN ON THE PLANS, A PRE-CONSTRUCTION ENAROMENT, EVALUATION WILL NEED TO BE CONDUCTED, CONTACT THE ENAROMENTAL BOLODIST TO CONDUCT A REVEW ON THE NEW AREAS PRIOR TO CONSTRUCTION OBTAIN ALL PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.

INSTALL THE STABLIZED CONSTRUCTION EMPRANCES AT THE ACCESS ROAD. STABLIZED CONSTRUCTION EMPRANCES MAY BE NEEDED AT THE ACCESS ROAD PENDANC ITS LISE AT THE TIME OF THIS PROJECT'S CONSTRUCTION.

WARK ALL CLEARING LIMITS AND SENSITME AREAS SUCH AS STREAMS, WETLANDS, ETC.

on a daly bass, clean the Rods thoroughy by relativa trackto sedment by shoreng of smethag. Street mashag to a materough storm dram system is not allowed

RE-ESTABLISH THE GRADE TO THE PRE-CONSTRUCTION CONDITIONS

SIERDE MERMANDA. TO CORREAL REGION ON MAR SUI SIERCES, PANS MEST ER ALE TO COMMANTA OROM SIZIBED REFRANCION S CESSATIM. IT HE ANA MEETEN RECENT COSSINIO DE MODERAD, ON COMPARE DOCUMENTO MAN CHE MER LO COMPATIO, COSTO OF MARGINO, HE SUI, SURFACE MUST EL LOCISIOD DE TOSONO, MANON, MARGINANO, OR OTHER ACTETMENT MANS (SET SURFACE RELIGIENCE SIZIONAL SIZIONO).

NSTALL DEAKEL CONSTRUCTION FENCE NEAR STREAMS, WETLANDS AND STRUCTURES WITHIN THE LIMITS OF DISTURBANCE TO PROVIDE A PHYSICAL BARRER 1 DETER INSTRUMENCE BY CONSTRUCTION ACTIVITIES.

ADD GRAVEL TO ACCESS ROAD AS NEEDED, BUT NO GRADING OR MIRACTS TO EXISTING DRAINAGE FEATURES ARE TO BE MODIFIED.

NSTALL CONNECT FILTER SOCK WHERE SHOWN, PARALLEL TO THE SLOPE AND DW THE DOWN-DRADENT SOE OF THE LIMITS OF DISTURBANCE TO PRESENT SCOMEDIATION FROM LEAVING THE PROJECT AREA. CLUR AND CRUB ALONG THE ROW. PRESERVE WITHOUT VECETATION AS MUCH AS POSSBEL, WITHOUT SCHIFTCHAT INTERFERENCE WITH CONSTRUCTION ACTIVITIES.

USE TIMBER WAT BRIDGES TO CROSS WATERBODIES AND WET AREAS, AS NEEDED

RE-STABLUZE DISTURBED SOUS WITHIN 7 DAYS BY PIACHG TEUFOBJEY SZEDNG IF NOT FINIL GROUED, AND PERMARKYT SEEDING WITH A NURSE CROP P FINIL GROUED

FIGURE AND PLACE REPORTS RECEIPT MAY AND REWARDS ON THE PERSON CONTROL WAS DESIGNED WHEN SETTING WHE RECOUNTED WAS AN PERSON CONTROL WAS DESIGNED WAS AN PERSON CONTROL WAS DESIGNED WAS AN PERSON FOR THE STEEP SOME OF THE SETTING WHE RECOUNTED WAS AN PERSON CONTROL OF THE SETTING WHE RECOUNTED WAS AND PARTY OF THE PERSON CONTROL OF THE SETTING WHE RECOUNTED WAS AND AND PARTY OF THE PERSON FOR THE PERSON CONTROL OF T MULCH AND FERTILIZE AS STATED IN THIS PLAN.

MANTAN ALL BEST MANAGEMENT PRACTICES (BMPS) AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION

AL BAPS SHALL BE ASSISTED AT LISE DACE EIGHT SICK OLLEDAG BAS AM WINA 24 HORS AFTE AM SIDAU FOR GEGETE THAN DS LICHES PER 24 HORA FERDO. AM REQUIRED REPAIRS DE HANTLINNET, SHOLLE BE LICHE ANGELE THE NICLOSS THE RELOWA OF SEDIMENT THAT IS DEFINITION. HALF THE FEDIMENT CHAPPEST RETER SOCIA (1) DW. FER BELLE ON AS SIDAU ESTAIN RELOWES.

THERMORE MADS SHOLD BE REAVED WHICH X DIES AFTE DAW, STE SERVIZION IS AUFFOLD DE AFTE HET INCROBAR MES ARE NI LINCES KEIZON DIARRO SCHAMEN SHALL BE KINNOD DE SHIGHLION DE VID EDSIEGION DE KEIZINDE DE ALE MENDE OF MADS DE VIDE DE SHED DE VID EDSIEGION DE MALE BENEVALDE MENDE SHED AND HET DIES A FERMANT NECEDIAN DORS OF HE TOM, KEIZINI DAV. MITH A DORSTOF OF 72E DE GROUTE HES BEIN ESPAINSON DE 18 MET THE SERVIZI HES BEIN SCHAMEN DE MAN DE MENDE HE SERVIZI HES BEIN SCHAMEN DE 18 MET THE SERVIZI HES BEIN SCHAMEN DE 18 MET DE SERVIZI HES BEIN SCHAMEN DE 18 MET THE SERVIZI HE SERVI

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MANAGING THE PROJECT

MASTE MATERIALS AND DISPOSAL:

SPILLS OR DISCHARGE OF POLLUTANTS ARE TO BE REPORTED WITHIN 24-HOURS TO THE APPROPRIATE AGENCIES

THIS SEDMENT CONTROL PLAN (SCP) IS TO REMAN ON-SITE AT ALL THES DUBNO CONSTRUCTION. THE SCP SHALL BE MODIFIED HESIZED FHERE IS SCHIFTCHAT CHANZE IN THE DESIGN, CONSTRUCTION, OPERATION OR MAINTENANCE OF ANY BAP.

CORP, CONTAMENT, AND PROTECTION FROM WADALSM SHALL BE PROVED FOR ALL DEVICALS, LIQUID PRODUCTS AND NOI-METT WISTES PRESENT ON THE SITE. AL POLITAITS, NOLITAIN WISTE MITERILS, SHOULD BE HANDLED AND DEFOSED OF M A MANNER THAT DOES NOT CLUSE CONTAMINATION OF SUBFACE WATER, WOODY DEBIES MAY BE CHIEFED AND SPIGLO DN-STE AS APPROVED BY THE LANDOWNER.

MATCHAET, MO DERING OF HAVE CORRECT MAN SERVICES MACHINES ON CHANGES, MEDIALES, STEIN JURIS MORE, SOURT MAN DE-PERSING CLAMAG OPERSTONS, CHI THAN ERMIN CHAN AND AREADY, AND OTHER ACTIONS AND THAN SERVICES SOUR AS DISP PAINS, COMMANDES SOURCES SOUR AS DISP PAINS, COMMANDES SOURCES SOUND OR AND THE SURFACE WASTER PROOFF MEST BE CONDUCTED USING SPLICES, SOURCES, SOUR AS DISP PAINS, COMMANDES AREAS SHALL BE CLAMED MANDERS FOR COMMING PAUGE COST OF THE VEHICLE.

DER PREVIOUND ON-SIZE: 8 MANNER, PAUGE PAUGE COST THE VEHICLE.

ZNERAL NOTES REGARDING RECLAMATION:

TRAFFIC SHALL BE MANTANED ON ALL ADJOINING STREETS AND DRIVES AT ALL TIMES IN ACCORDANCE WITH MY DOT'S REQUIREMENTS. HE CONERL CONTRUCIOR SHALL NOTITY ALL UTALITY COMPANES MOLNED IN THE SITE NO MORE THAN TEN DAYS AND NO LESS HAM THREE DAYS IN ADVANCE OF EXCHATION EXCLUDING SATURDAY, SUNDAY, AND FEDERAL OR STATE HOLDAYS. CONTACT WISS UTILITY OF WEST VIRGINAL AT 1-800-745-4848

AFI NUMBERS: AFI DENTIFICATION NUMBERS SHALL BE DISPLAYED AT THE WELL, IN ACCORDANCE WITH STATE REQUIREMENTS

DISTURBED AREAS CREATED DUE TO WELL PLUG REMONAL, SHALL BE RECLAIMED, MULCHED AND SEEDED, TO REDUCE EROSION AND SEDMENTATION

ANDOMNERS SHALL BE GMEN ADEQUATE NOTICE THAT CERTAIN SPECIFED ACTIVITIES HILL BE OCCURRING ON THEIR PROPERTY

ESMANENT STABLIZATION
SPECIES
A PURE LIVE SEED
APPLICATION RATE
FERTILIZER TYPE:
FERTILIZER APPL RATE

ANCHOR MITERAL
ANCHORNO MITHOD:
RATE OF ANCHOR
MITERAL APPLICATION
STEDING SEASON DATES.

TIMPORAPY STABILIZATION:
SPECIES
X PURE UME SELD:
APPLICATION RATE:
FERRILIZER MPPL RATE:
LANG BATE:
MUICH MPEL
MUICH RATE:
MU ANNUAL PREGRASS

KENTUCKY BLUEGRASS / REDTOP / BIRDSFDOT TREFOU.) LBS/ACRE, 3 LBS/ACRE, AND 10 LBS/ACRE, RESPECTIVELY DIMERCIAL FERTLIZER 10—20—20 DIMERCIAL — 1000 LBS/ACRE

TEAR ROUND SQ. YD. RECYCLED CELLULDSE FIBER/WOOD FIBER MIXTURE MYDRAULIC SEEDING EQUIPMENT

40 LBS/ACRE
COMMERCIAL FERTILIZER 10-10-10
COMMERCIAL - 1060 LBS/ACRE
3 TOMS/ACRE
14NY & STRAW
3 TOMS/ACRE

AL HIBMS SHALL BE REPECTE MANAMED HAD REPIRED AS MEETED TO ASSISTE COMMAED PERFORMANCE OF THEIR METEROLOGIS. IT IS THE COMPACTION'S RESPONSIBLE TO INSIDE SEMENTATION HAD FROSON IS BEING CONTROLLED ON-STE, AND IS NOT IMPOSING ON ADJACKET PROPERTIES BAPS, OPICET THAN STATED IN THIS FAVA, WAY MEED TO BE IMPLEMENTED. CLARIC AND CRUSSING ACTIVITIES SHOULD THAT WITO CONSISTERTION INNORTHOL REWAY, OF TREES AND DISTURBANCE AND CHEARTING OF WITHE SOUS MAY HEAD THAT REQUIRE PRESENATION OF CRITICAL OR SUNSTITE REALS AND/OR REQUIRE BUFFIRS SHALL BE RELIABATED ON BOTH THE PLANS AND THE SPE.

Recei 14/27/2015 Office of Oil & Gas NOV 06 2015



DATE BY







				TRI-CC
7/14/15	ЗимВ ВМК		SEC	An GENER An GENER Andream Hunter
1000	HARRISON COUNTY, W	MORRIS E-231 WELL I	SEDIMENT CONTROL NAR	TRI-COUNTY ENGINEERING, LLC An GLENERCON Company 319 Parinterials Read 319 Parinterials Read Name Pt N. 1809 N

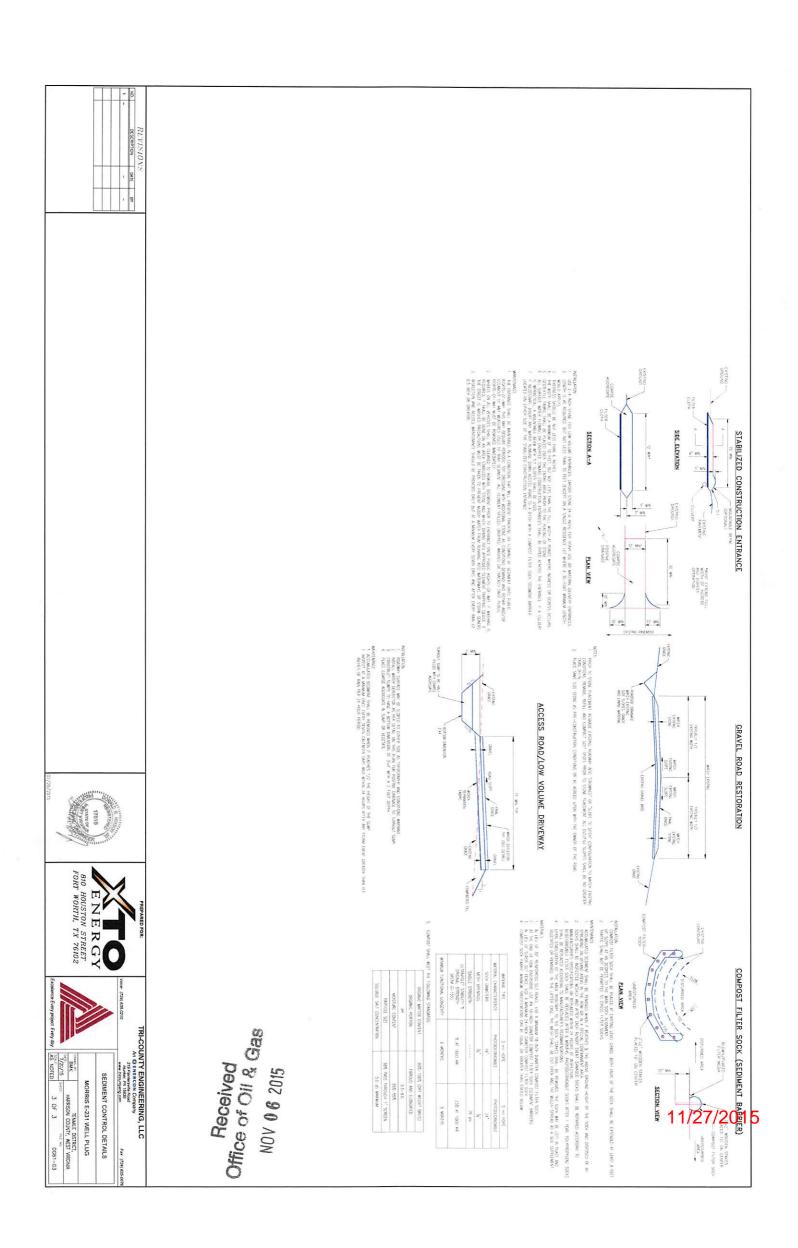
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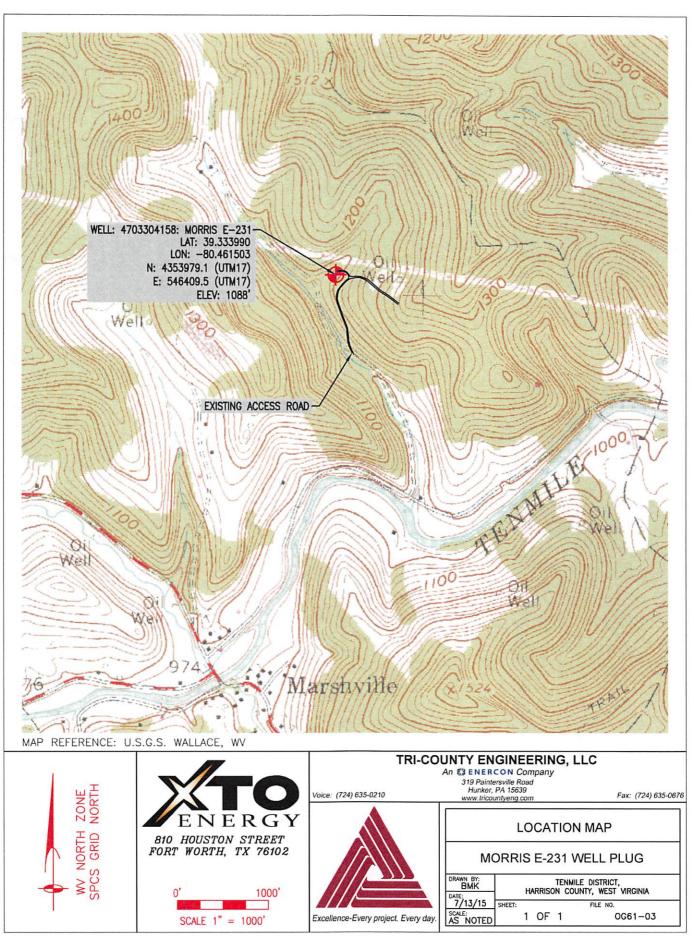
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DOS TATOS SINKS AND ALLEANTS

7/14/15 9/01		MOR	SEDIMENT CO
ON THE	HARRISON COUNTY, WEST VIRGINIA	MORRIS E-231 WELL PLUG	SEDIMENT CONTROL NARRATIVE

2 OF 3





11/27/2015 Received Office of Oil & Gas NOV 0 6 2015 WW-7 8-30-06



West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM: GPS 47-033-04158 WELL NO.: E-231

API: 47 000-04100	WELL NO.: L-Z31			
_{FARM NAME:} Morris				
RESPONSIBLE PARTY NAME: XTO Enc	ergy, Inc.			
COUNTY: Harrison	DISTRICT: Tenmile			
QUADRANGLE: Wolf Summit				
SURFACE OWNER: See attached list				
ROYALTY OWNER: See attached lis	t			
UTM GPS NORTHING: 4353979.1				
UTM GPS EASTING: 546409.5	GPS ELEVATION: 332 meters 1088f+			
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 Diffe	erential X			
Real-Time Differen	itial			
4. Letter size copy of the topography map	showing the well location.			

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 August 11, 2015

Date

11/27/2015

Received Office of Oil & Gas

NOV 06 2015

I	Operator:	XTO ENERGY, INC.			
Whashe	API:	3304158		* AGREED	ORDER
	WELL No:	3-E-231			
			11/23/15		
	15 Day End o	f Comment: 11/11/15			

CHECKLIST FOR FILING A PERMIT

	Plugging	CK# 7782703
v	WW-4B	\$ 10000
1	Inspector signature on WW-4B	
/	Completion / Well Records of Previous Work	
/	WW-4A (Notarized)	
1	Certified Mail Receipts, Waivers, or Affidavits of Personal Service	
	Surface Owner Waiver	
	Coal Owner / Lessee /Operator Waiver	
V	WW-9 (Page 1) (Notarized)	
/	Inspector Signature on WW-9 (Optional)	
1	Topographic Map of location of well	
1	WW-7	
	OR	
	Mylar Plat (Surface owner on plat matches WW-4A)	
~	Bond	
V	Company is Registered with the SOS	
1	Worker's Compensation / Unemployment Insurance account is OK	
2	\$100.00 check (\$0.00 if no nit)	



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

Re: Application to Plug and Abandon 3E-231 Tenmile 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,

Tim Sands

PO Box 1008

Jane Lew, WV 26378

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