



---

**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

December 17, 2012

**WELL WORK PERMIT**

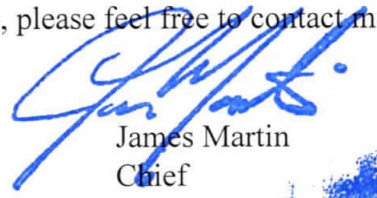
**Horizontal 6A Well**

This permit, API Well Number: 47-4902237, 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.

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 drilling, 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.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-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) 926-0499 ext. 1654.



James Martin  
Chief

Operator's Well No: FOUR STATES UNIT A 6H

Farm Name: MARKOVICH, JOHN

**API Well Number: 47-4902237**

**Permit Type: Horizontal 6A Well**

Date Issued: 12/17/2012

**Promoting a healthy environment.**

**08/27/2021**

# 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

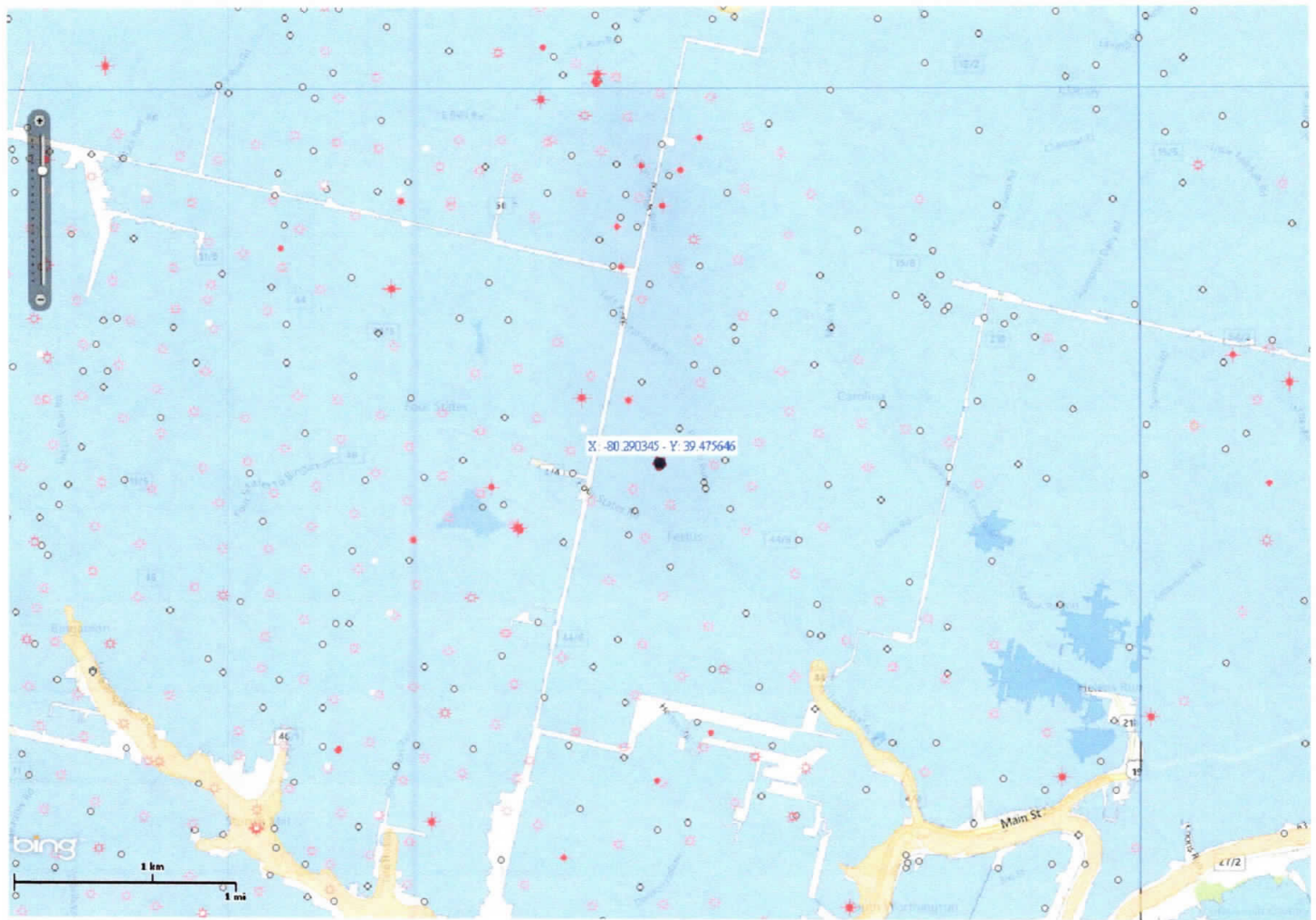
---

1. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
2. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the fill material shall be within plus or minus 2% of the optimum moisture content as determined by the standard proctor density test, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort. Each lift must meet 95 % compaction of the optimum density based on results from the standard proctor density test of the actual soils used in specific engineered fill sites. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
3. 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.
4. 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.
5. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.

08/27/2021

# Map from a Flex Viewer application

Powered by ArcGIS



Copyright 2010 ESRI. All rights reserved. Printed on Wed Dec 5 2012 10:38:06 AM.

drilling through permitted mine

LKC

49-02237

WW - 6B  
(1/12)

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**W.VA. CODE §22-6A - WELL WORK PERMIT APPLICATION**

1) Well Operator: XTO Energy, Inc.

494487940	Marion	Lincoln	Shinnston 7.5'
-----------	--------	---------	----------------

  
Operator ID County District Quadrangle

2) Operator's Well Number: Four States Unit A 6H Well Pad Name: Four States Unit A

3 Elevation, current ground: 1,249' Elevation, proposed post-construction: 1,249'

4) Well Type: (a) Gas  Oil   
Other   
(b) If Gas: Shallow  Deep   
Horizontal

5) Existing Pad? Yes or No: No

6) Proposed Target Formation(s), Depth(s), Anticipated Thicknesses and Associated Pressure(s):  
Target Formation: Marcellus, Depth 7,471', Anticipated Thickness: 150', Associated pressure: 4,650 psi

7) Proposed Total Vertical Depth: 7,601'

8) Formation at Total Vertical Depth: Marcellus

9) Proposed Total Measured Depth: 12,500'

10) Approximate Fresh Water Strata Depths: 600'

11) Method to Determine Fresh Water Depth: Offsetting Reports

12) Approximate Saltwater Depths: 900'

13) Approximate Coal Seam Depths: 150', 500', 695'

14) Approximate Depth to Possible Void (coal mine, karst, other): 695' - Possible Bethlehem 44 abandoned mine ✓

15) Does land contain coal seams tributary or adjacent to, active mine? No

16) Describe proposed well work: Drill a new horizontal Marcellus well, utilizing synthetic mud and a closed loop system for both drilling and completion. Install new casing with centralizers.

17) Describe fracturing/stimulating methods in detail:  
1. Acid Stage - Typically 1500 gallons of 7.5% hydrochloric acid to clear the perforation path in the wellbore. 1500 gals 15% HCl acid. 2. Sand / Proppant Stages - Several stages of pumping water combined with sand (0.1 pounds per gallon to 3 pounds per gallon) at a targeted 80 bpm rate. The sand size may vary from 100 mesh to 30/50 mesh size. 12,500 bbls slick water with 220,000 lbs 40/70, 270,000 lbs 100 mesh sands and 2,200 gals FR 133, 30/50 mesh size. 12,500 bbls slick water with 220,000 lbs 40/70, 270,000 lbs 100 mesh sands and 2,200 gals FR 133, 1,500 gals Bioplex 301 and 1,190 gals antiscalc 30. 3. Flush Stage - Slickwater water stage to fill the wellbore to flush the sand from the wellbore. Depending on the water quality, a biocide, friction reducer, iron control, and scale inhibitor may be injected during the completion as well. All chemicals utilized during the completion will be reported as appropriate.

18) Total area to be disturbed, including roads, stockpile area, pits, etc, (acres): 13.16+/-

19) Area to be disturbed for well pad only, less access road (acres): 4.73+/-

**RECEIVED**  
**Office of Oil and Gas**  
  
**DEC 14 2012** **08/27/2021**  
  
**WV Department of**  
**Environmental Protection**

**Four States Unit A 6H – Void Encounter**

We will set conductor at 40' from ground level to nipple up an annular diverter, with a 3" gate valve installed on the conductor pipe that would be used to divert flow.

We will set 13 3/8" casing around 650' if we do not encounter the mine.

If we do encounter the mine we will set 13 3/8" – 50' deeper than the void or in good solid rock (whichever is first). A cement basket will be run on the backside of the 13 3/8" casing and cement will be pumped down the inside of the pipe up to the void. A top out job on the annulus will be done from surface to the top of the void (cement basket).

After waiting on cement we'll continue forward with our planned design which is to set a string of 9 5/8" intermediate casing at 3100' TVD.

RECEIVED  
Office of Oil and Gas

DEC 14 2012

08/27/2021

WV Department of  
Environmental Protection

WW - 6B  
(1/12)

49-02237

20)

**CASING AND TUBING PROGRAM**

<b>TYPE</b>	<u>Size</u>	<u>New or Used</u>	<u>Grade</u>	<u>Weight per ft.</u>	<u>FOOTAGE: For Drilling</u>	<u>INTERVALS: Left in Well</u>	<u>CEMENT: Fill -up (Cu. Ft.)</u>
Conductor	20"	New	H-40	94#	40'	40'	40 cuft CTS
Fresh Water	13 3/8"	New	MS-50	48#	650'	650'	600 cuft - CTS
Coal							
Intermediate	9 5/8"	New	J-55	36#	3100'	3100'	Lead 978'/Tail 314'
Production	5 1/2"	New	CYP-110	17#	12,500'	12,500'	2750 cuft
Tubing							
Liners							

WRH  
9-5-12

<b>TYPE</b>	<u>Size</u>	<u>Wellbore Diameter</u>	<u>Wall Thickness</u>	<u>Burst Pressure</u>	<u>Cement Type</u>	<u>Cement Yield</u>
Conductor	20"	24"	0.438"	960	Type 1	1.19
Fresh Water	13 3/8"	17.5"	0.33"	2,160	Type 1	1.19
Coal						
Intermediate	9 5/8"	12.25"	0.352"	3,520	Type 1	Lead 1.26/Tail 1.19
Production	5 1/2"	8.75" 8.5"/7.875"	0.304"	10,640	Type 1	1.32
Tubing						
Liners						

**PACKERS**

Kind:				
Sizes:				
Depths Set:				

RECEIVED  
Office of Oil and Gas

SEP 13 2012

WV Department of  
Environmental Protection

21) Describe centralizer placement for each casing string.

Conductor: none  
Fresh Water: 1"-6" above float shoe, 1 at float collar, & 1 at every 4th joint to surface  
Intermediate: 1"-6" above float shoe, 1 at float collar, & 1 at every 4th joint to surface  
Production: 1 at every 4th joint from the kickoff point to 1000' above the kickoff point

22) Describe all cement additives associated with each cement type.

✓ Conductor - Type 1 - no additives  
Fresh Water - Tail - Type 1 - 2% Calcium Chloride, Super Flake  
Intermediate - Lead - Type 1 - 2% Calcium Chloride, Super Flake  
Tail - Type 1 - 2% Calcium Chloride, Super Flake  
Production - Tail 50/50 POZ - Type 1 - Sodium Chloride, Bentonite, Super Flake, Air-Out, R-1, AG-350

23) Proposed borehole conditioning procedures.

See attached page

\*Note: Attach additional sheets as needed.

RECEIVED  
Office of Oil and Gas  
08/27/2021

DEC 14 2012

WV Department of  
Environmental Protection

**Four States A 6H Detailed Casing and Cementing Program**

Type	Hole Size	Size	Length	Casing Design/Program				Cementing Program					
				Top/Bottom of String	Grade	Weight (ppf)	Wall Thickness	Burst Pressure Rating	Centralizer Placement	Type	Yield (cu. ft/sk)	Additives (trade names are Superior Well Services)	Estimated Volume (cu. ft.)
Conductor	24"	20"	40'	0' / 40'	H-40	94	0.438	960	none	Type 1	1.19	none	40
Coal	20"	16"	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Surface / Fresh Water	17.5"	13.3/8"	550'-550'	0' / 550'-550'	MS-50	48	0.33"	2160	Shoe 1-1/2" float collar 1-every 4th ft to surface	Tail -Type 1	1.19	Calcium chloride, Super Flake	600
Intermediate	12.25"	9.5/8"	3100	0' / 3100'	J-55	36	0.352"	3520	1-6" above float shoe 1-1/2" float collar 1-every 4th ft to surface	Lead-Type 1 Tail -Type 1	1.26 1.19	Calcium Chloride, Super Flake Calcium chloride, Super Flake	978 314
Production	8.75" 8.5/7.875"	5-1/2"	12,500	0' / 12500'	CYP-110	17	0.304	10640	Every 4th joint from 1000' above KOP to KOP	Tail-50/50 POZ-Type 1	1.32	Sodium chloride, bentonite, Super Flake, Air-Oil, R-1, AG-350	2750
Tubing Liners													

**Four States A 6H Proposed Directional Data**

Hole Section	Hole Size	Drilling Fluid	Condition Procedures			
			Drilling	At TD	Running Casing	Prior to Cementing
Conductor	24	Air/Water	Hole will be circulated with high pressure air	Hole will be blown clean with air prior to pulling out of hole to run casing	Hole will be filled with fluid and circulated to surface if conditions require	Casing will be filled with fluid and returns taken at surface prior to pumping cement
Coal	20	Air/Water	Hole will be circulated with high pressure air	Hole will be blown clean with air prior to pulling out of hole to run casing	Hole will be filled with fluid and circulated to surface if conditions require	Casing will be filled with fluid and returns taken at surface prior to pumping cement
Fresh Water	17.5	Air/Water	Hole will be circulated with high pressure air	Hole will be blown clean with air prior to pulling out of hole to run casing	Hole will be filled with fluid and circulated to surface if conditions require	Casing will be filled with fluid and returns taken at surface prior to pumping cement
Intermediate	12.25	Air/Water	Hole will be circulated with high pressure air	Hole will be blown clean with air prior to pulling out of hole to run casing	Hole will be filled with fluid and circulated to surface if conditions require	Casing will be filled with fluid and returns taken at surface prior to pumping cement
Production	8.75" 8.5/7.875"	Air / Non-aqueous based mud	cuttings out of the hole. MW will be approximately 11.5ppg, 14.0ppg for stability and overbalance. As required, the hole will be circulated at high pump rate	The hole will be circulated at maximum possible pump rate and the drill string will be rotated at the maximum rpm.	Hole will be filled with fluid and circulated to surface if conditions require	Hole will be circulated at least one bottom up prior to pumping cement.
Tubing Liners						

**Four States A 6H Proposed Directional Data**

Proposed Angle/Direction of Well		Measured	
Angle	Direction	Depth	Inclination Angle
Approx. Depth at which well deviates from vertical	4000	90	138
		18	252

Other directional data  
 KOP 4000  
 LP 8100  
 TD 12215  
 approx. TD 12500 (rounded up)

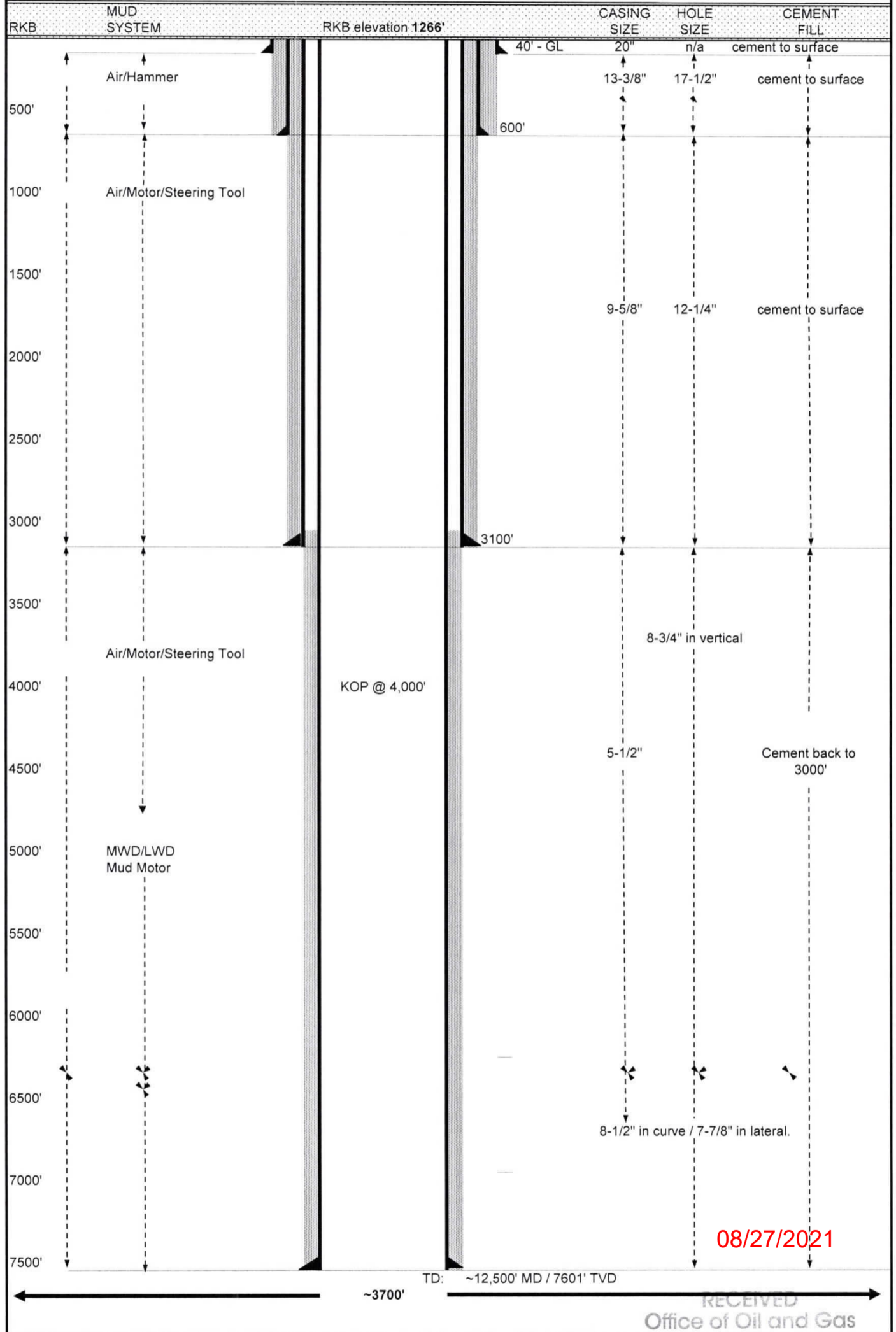
RECEIVED  
Office of Oil and Gas

08/27/2021

WV Department of  
Environmental Protection



Four States A 6H  
Marion County, West Virginia  
New Drill Horizontal Well



SEP 13 2012

WW-9  
Rev. 1/12

API No. 47- 49 - 02237  
Operator's Well No. Four States Unit A 6H

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 Tevebaugh Creek Quadrangle Shinnston 7.5'

Elevation 1,249' County Marion District Lincoln

Description of anticipated Pit Waste: None- closed loop system - drilling fluids, formation cuttings, fluid & flowback to be stored in tanks & boxes until disposal.

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

Will a synthetic liner be used in the pit? No Pit - Closed Loop System. If so, what mil.? None

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection ( UIC Permit Number 4707302523, 3405320968, 3405924067, 3412124037, 3416729577, 4705500319)
- Reuse (at API Number \_\_\_\_\_)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

Drilling medium anticipated for this well? Air, freshwater, oil based, etc. Cond/Surf/intrm on air/water, prod. on air to 7100', then switch to synthetic

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

Additives to be used? See additional page

Will closed loop system be used? Yes

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Landfill

-If left in pit and plan to solidify what medium will be used? Cement, lime, None - Closed Loop System

-Landfill or offsite name/permit number? Meadowbrook Landfill - #SWF 1032, S&S Landfill - #SWF 4902

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 [Signature]

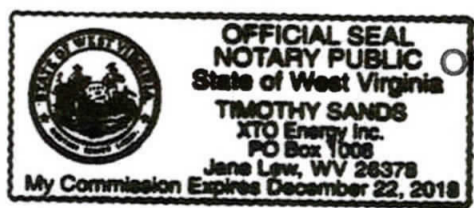
Company Official (Typed Name) Gary Beall

Company Official Title Production Superintendent

Subscribed and sworn before me this 13 day of December, 2012

[Signature] Notary Public

My commission expires 12/22/18



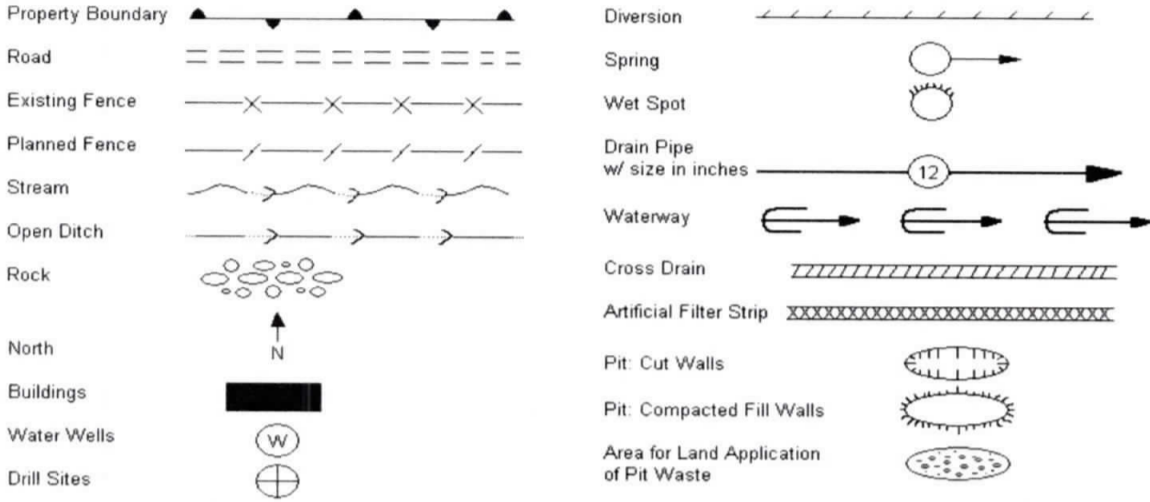
RECEIVED  
Office of Oil and Gas  
08/27/2012

DEC 14 2012

WV Department of  
Environmental Protection

WW-9  
Rev. 1/12

API No. 47 - 49 - 02237  
Operator's Well No. Four States Unit A 6H



Proposed Revegetation Treatment: Acres Disturbed 13.16+/- Prevegetation pH \_\_\_\_\_

Lime 4 Tons/acre or to correct to pH \_\_\_\_\_

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

Mulch 2 Tons/acre

Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Tall Fescue	45 lbs	Tall Fescue	45 lbs
Perennial Rye	20 lbs	Perennial Rye	20 lbs

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [Signature]

Comments: \_\_\_\_\_

Title: ENVIRONMENTAL INSPECTOR Date: 9-5-12

Field Reviewed? (  ) Yes (  ) No

RECEIVED  
Office of Oil and Gas  
**08/27/2021**  
SEP 13 2012  
WV Department of  
Environmental Protection

**XTO Drilling Additives**

<b>Product Name</b>	<b>CAS #</b>	<b>Approximate Amount on Location (lbs)</b>
Bentone 910	14808-60-7	2500
Cedar Fiber	n/a	5000
CyberDrill	93762-80-2	20000
Calcium Chloride	10043-52-4	20000
	111-40-0	
	26952-14-7	
CyberCoat	62442-97-7	3000
CyberMul	70321-73-2	3000
CyberPlus	71-36-3	3000
Lime	1305-62-0	15000
New Carb	1317-65-3	3000
Walnut Shells	n/a	2500
	7727-43-7	
	1332-58-7	
	14808-60-7	
New Bar	471-34-1	200000
OptiThin	68442-97-7	8000
	12174-11-7	
	14808-60-7	
Oil Dry	01309-48-4	600
	9016-45-9	
	68131-71-5	
	1310-73-2	
	27176-87-0	
	1300-72-7	
OptiClean	7758-29-4	1800
OptiG	12002-43-6	5000
SynDril 470	64741-86-2	81000

WV Department of  
Environmental Protection

SEP 13 2012

RECEIVED  
Office of Oil and Gas

08/27/2021

**XTO Well Site Safety Plan**  
**Four States Unit A**  
 Four States  
 Marion County, WV

*wlh*  
*9-5-12*

**Detail of Well Work**

Drill and stimulate a new horizontal well, using a closed loop system for both drilling and completion operations. Well will be hydraulically fractured, with freshwater being pumped onto the site and stored in working tanks. Flowback will be stored in tanks until disposed of at UIC's or recycled for other completion operations.

**Emergency Point of Contact**

Office 304-884-6000

**JD Dean - EH&S Coordinator**

Office - 304-884-6015

Cell - 304-871-0174

Pager - 304-987-5119

**Todd Snider – EH&S Coordinator**

Office – 304-884-6012

Cell – 304-871-0290

Pager – 304-987-5125

**Scott Arnold – Drilling Superintendent**

724-713-7987

**24 hr Well Operator Contact Information**

Office 304-884-6000

**Plan Provided to Local Emergency Planning Agencies**

A copy of this plan will be provided to local emergency planning agencies at least seven days prior to the commencement of work.

**Evacuation Plan**

In the event of an emergency, all personnel on location (employee or contractor) shall report to the muster point. Site foreman's will conduct head counts and relay further instructions pertaining to evacuation. Our Evacuation Plan for the public must entail a well coordinated advance meeting with local county Emergency Management Association to convey all pad coordinates in that county so they can be placed in their response system. After that is accomplished, a live drill will be held with the responders to make certain all emergencies, public notification and/or evacuations can be successfully achieved. Emergency evacuations can be made by 911 center performing a reverse 911 call which will notify all people in the effected area. XTO incident command will also have a group that can also aid in the door to door efforts, coordinated with the State police and Deputy Sheriff's Office. In the event of a pipeline or well blow out without fire, county responders can now track the gas plume and decide evacuation areas once they have the determined amount of gas flow and wind directions and with that, software will allow them to get ignition sources

shut down and evacuation safely accomplished. The following counties have held live drills with successful results:

**Marion County – November 2010.**

RECEIVED  
Office of Oil and Gas

**Emergency & Contractor Contacts**

**Emergency: 911: Site Address: 108 Stringtown Road, Mannington, WV 26582**

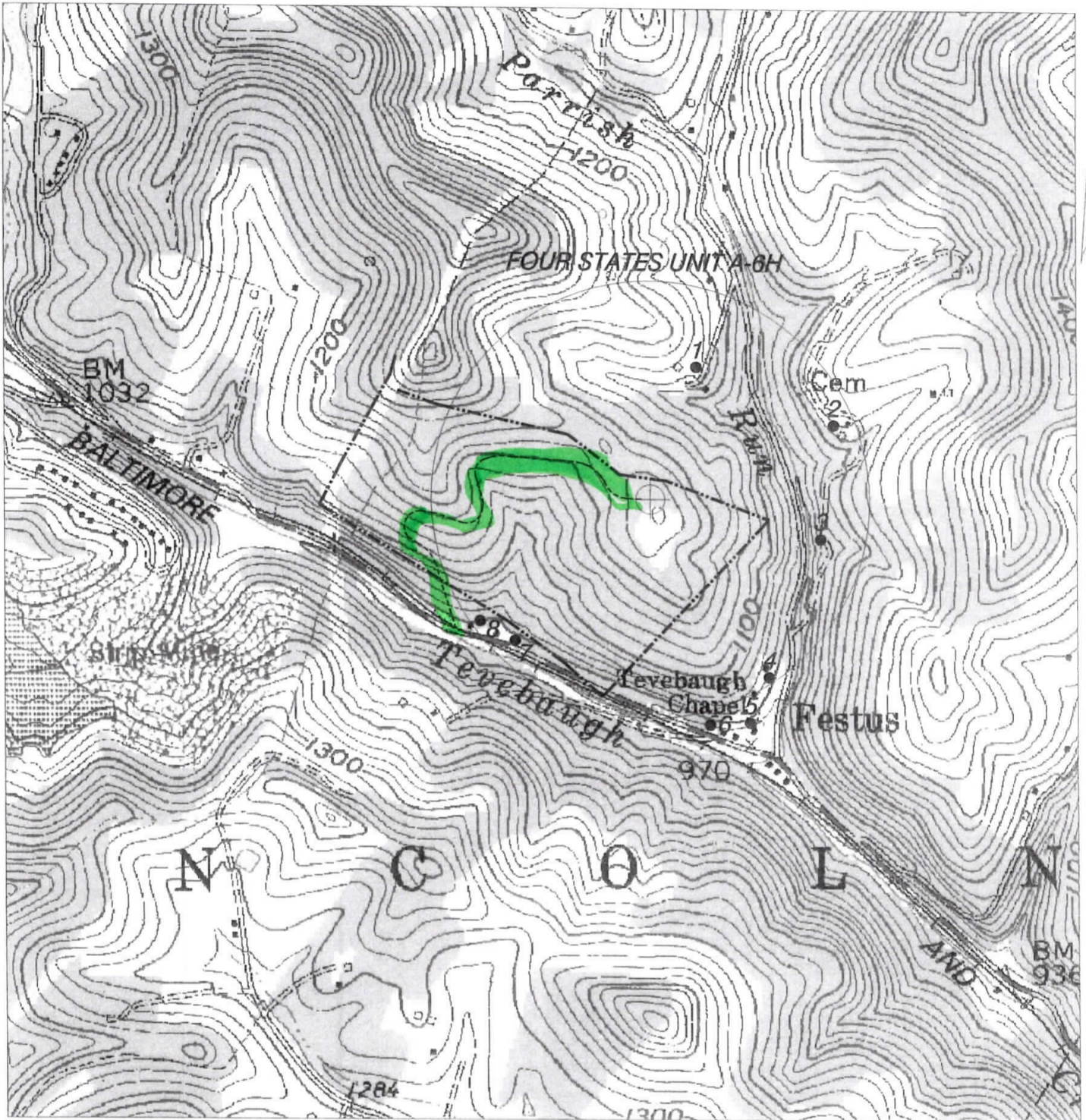
SEP 13 2012

WV Department of  
Environmental Protection

<b>Contractor / Rig #</b>	<b>Drilling Foreman</b>	<b>Drilling Foreman</b>	<b>Rig #</b>	<b>Cell #</b>
Union 209	Joe Bailey (724) 713-8272	Jason Bryan	(281) 436-6252	(412) 370-9862
Union 62	Steve Davenport	Scott Schroer	(832) 200-7370	(412) 370-5215
Nomac 310	Flo Segundo (940) 453-0272	Gary Moore	(281) 840-6530	(412) 979-5710
Union 61	Eldon Adams	Jerry Nietert	(281) 840-6539	(724) 541-3925

08/27/2021

# XTO ENERGY INC. FOUR STATES UNIT A-6H Water



### HUPP Surveying & Mapping

P.O. BOX 647 GRANTSVILLE, WV 26147  
PH: (304)354-7035 E-MAIL: hupp@frontiernet.net

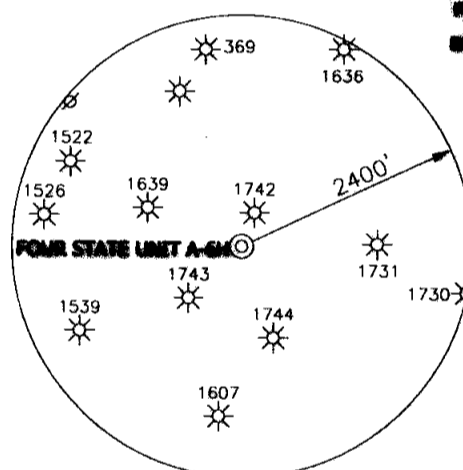
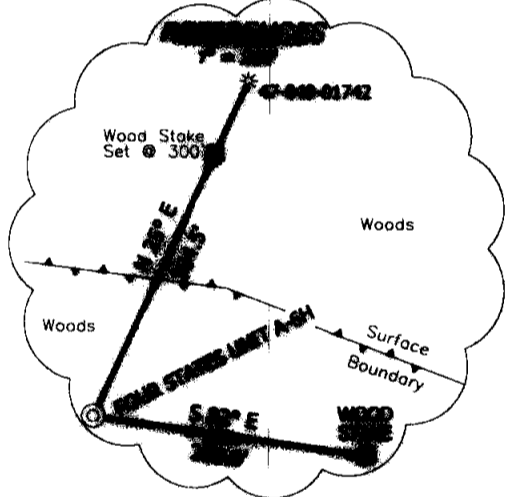
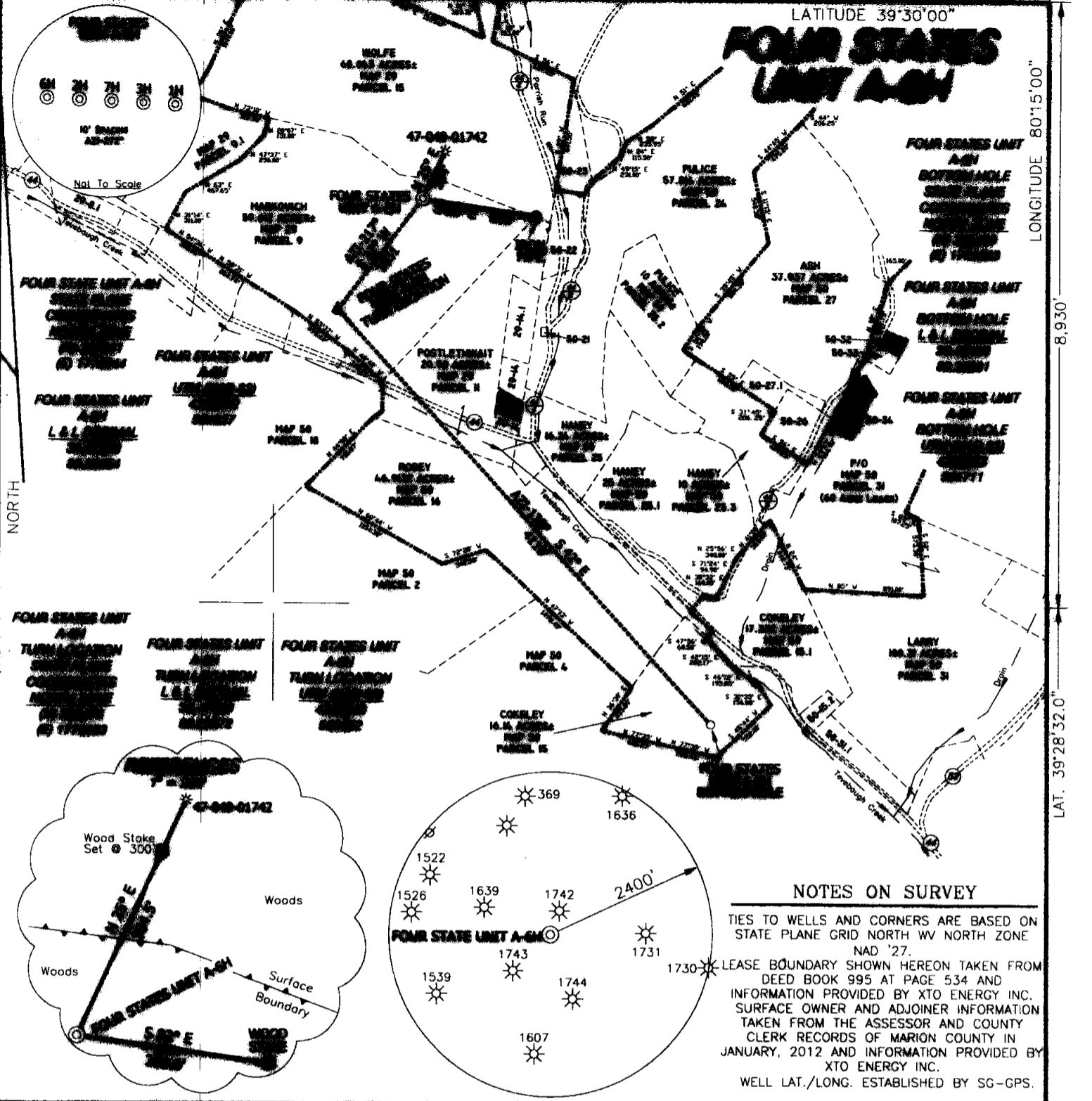
1" = 1000'  
Shinnston Quad

XTO Energy Inc.  
810 Houston Street  
Fort Worth, TX 76102

RECEIVED  
Office of Oil and Gas  
08/27/2021

SEP 13 2012

WV Department of  
Environmental Protection



**NOTES ON SURVEY**  
 TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.  
 LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 995 AT PAGE 534 AND INFORMATION PROVIDED BY XTO ENERGY INC. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MARION COUNTY IN JANUARY, 2012 AND INFORMATION PROVIDED BY XTO ENERGY INC.  
 WELL LAT./LONG. ESTABLISHED BY SG-GPS.

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT 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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 834  
  
 P.O. Box 1008 JANE LEW, WV 26378  
 (304) 354-7035 EMAIL: hupp@frontier.net



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE MAY 16, 20 12  
 OPERATORS WELL NO. FOUR STATES UNIT A-GM  
 API WELL NO. 47-049-2237 WV  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. W2076 (BK55-26)  
 PROVEN SOURCE OF ELEVATION SG-GPS (OPUS) SCALE 1" = 1000'

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

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 1,249' WATERSHED TEVEBAUGH CREEK  
 DISTRICT LINCOLN COUNTY MARION QUADRANGLE SHINNSTON 7.5'

SURFACE OWNER JOHN MARKOVICH ACREAGE 59.612±  
 ROYALTY OWNER DOUGLAS WOLFE, et al LEASE ACREAGE 211.61± **08/27/2021**

PROPOSED WORK: LEASE NO. \_\_\_\_\_  
 DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION   
 PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER   
 PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION MARCELLUS  
 ESTIMATED DEPTH TVD- 7,700' MD- 13,500'

WELL OPERATOR XTO ENERGY INC. DESIGNATED AGENT GARY BEALL  
 ADDRESS 810 HOUSTON STREET FORT WORTH, TX 76102 ADDRESS P.O. BOX 1008 JANE LEW, WV 26378

COUNTY NAME  
 PERMIT

WELL OPERATOR: XTO ENERGY INC. DESIGNATED AGENT: GARY BEALL  
 ADDRESS: 810 HOUSTON STREET FORT WORTH, TX 76105  
 ADDRESS: P.O. BOX 1008 JANE TOWN, WV 26378

PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 TARGET FORMATION: MARCELLUS  
 PERFORM NEW FORMATION PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_ OTHER \_\_\_\_\_  
 DRILL \_\_\_\_\_ CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ X \_\_\_\_\_ PLUG OFF OLD  
 PROPOSED WORK: \_\_\_\_\_  
 SURFACE OWNER: JOHN MARKOVICH  
 DISTRICT: LINCOLN COUNTY: MARION QUADRANGLE: SHINNSTON 7.5  
 ELEVATION: 1,249' WATERSHED: TEVBAUGH CREEK

LOCATION: TYPE: OIL \_\_\_\_\_ GAS \_\_\_\_\_ LIQUID \_\_\_\_\_ WASTE \_\_\_\_\_  
 INJECTION \_\_\_\_\_  
 STORAGE \_\_\_\_\_  
 DEEP \_\_\_\_\_  
 SHALLOW \_\_\_\_\_

PROVEN SOURCE OF ELEVATION: 2G-GPS (OPUS)  
 SCALE: 1" = 1000'  
 FILE NO. W5076 (BK25-26)  
 STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS

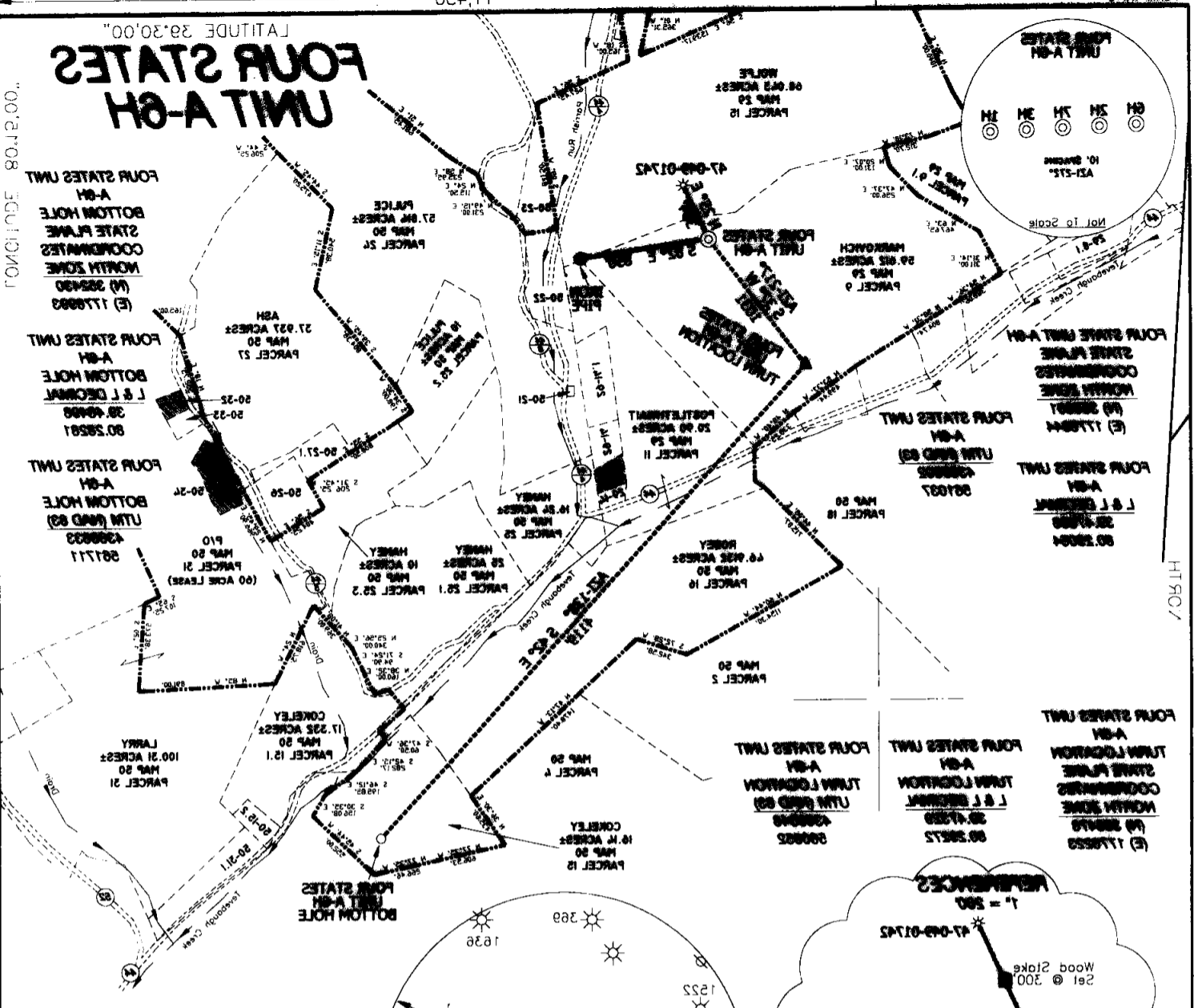
834 P.2.  
 Signature: [Handwritten Signature]  
 F.O. Box 977 Glenwood, WV 26031  
 (304) 324-1025 EMAIL: hupp@frontier.net



AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION. INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE UNDERSTANDING. HEREBY CERTIFY THAT THIS PLAT IS CORRECT

DATE: MAY 16, 2012  
 OPERATORS WELL NO.: FOUR STATES UNIT A-6H  
 WELL NO.: 47-049  
 COUNTY: MARION  
 STATE: WV  
 API PERMIT: 5537 HPP

NOTES ON SURVEY  
 WELL LOCATION ESTABLISHED BY 2G-GPS  
 XTO ENERGY, INC. JANUARY, 2012 AND INFORMATION PROVIDED BY CLERK RECORDS OF MARION COUNTY IN TAKEN FROM THE ASSESSOR AND COUNTY SURFACE OWNER AND ADJOINER INFORMATION INFORMATION PROVIDED BY XTO ENERGY, INC. DEED BOOK 695 AT PAGE 534 AND LEASE BOUNDARY SHOWN HEREON TAKEN FROM AND 27.  
 STATE PLANE GRID NORTH IN NORTH ZONE TIES TO WELLS AND CORNERS ARE BASED ON





WW-6A  
(5-12)

API NO. 47- 49 - 02237  
OPERATOR WELL NO. Four States Unit A 6H  
Well Pad Name: Four States Unit A

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

**Notice Time Requirement:** notice shall be provided no later than the **filing date of permit application.**

**Date of Notice:** 09/12/2012 **Date Permit Application Filed:** 09/12/2012

**Notice of:**

- PERMIT FOR ANY WELL WORK       CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

**Delivery method pursuant to West Virginia Code § 22-6A-10(b)**

- PERSONAL SERVICE       REGISTERED MAIL       METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b), no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner.

**Notice is hereby provided to:**

SURFACE OWNER(s)  
Name: John Markovich ✓  
Address: 125 Carriage Ln.  
Bridgeport, WV 26330  
Name: Douglas D. & Debra L. Wolfe ✓  
Address: Rt. 1 Box 208  
Farmington, WV26571

SURFACE OWNER(s) (Road and/or Other Disturbance)  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

SURFACE OWNER(s) (Impoundments/Pits)  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

COAL OWNER OR LESSEE  
Name: Consol Energy ✓  
Address: 1000 Consol Energy Drive  
Cannonsburg, PA 15317-6506

COAL OPERATOR  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

WATER PURVEYOR(s)  
Name: Douglas D. & Debra L. Wolfe ✓  
Address: Rt. 1 Box 208  
Farmington, WV26571

OPERATOR OF ANY NATURAL GAS STORAGE FIELD  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

\*Please attach additional forms if necessary

**08/27/2021**  
Office of Oil and Gas

SEP 13 2012

WV Department of  
Environmental Protection

WW-6A  
(5-12)

API NO. 47- 49 - 02237  
OPERATOR WELL NO. Four States Unit A 6H  
Well Pad Name: Four States Unit A

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

**Notice Time Requirement:** notice shall be provided no later than the **filing date of permit application.**  
**Date of Notice:** \_\_\_\_\_ **Date Permit Application Filed:** \_\_\_\_\_

**Notice of:**

- PERMIT FOR ANY WELL WORK       CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

**Delivery method pursuant to West Virginia Code § 22-6A-10(b)**

- PERSONAL SERVICE       REGISTERED MAIL       METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b), no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner.

**Notice is hereby provided to:**

SURFACE OWNER(s)  
Name: John Markovich ✓  
Address: 125 Carriage Ln.  
Bridgeport, WV 26330  
Name: Douglas D. & Debra L. Wolfe ✓  
Address: Rt. 1 Box 208  
Farmington, WV26571

SURFACE OWNER(s) (Road and/or Other Disturbance)  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

SURFACE OWNER(s) (Impoundments/Pits)  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

COAL OWNER OR LESSEE  
Name: Consol Energy ✓  
Address: 1000 Consol Energy Drive  
Cannonsburg, PA 15317-6506

COAL OPERATOR  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

WATER PURVEYOR(s)  
Name: Timothy Pulice ✓  
Address: PO Box 1264  
Millsboro, DE 19966

OPERATOR OF ANY NATURAL GAS STORAGE FIELD  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

\*Please attach additional forms if necessary

**08/27/2021**  
Office of Oil and Gas

SEP 13 2012

WV Department of  
Environmental Protection

WW-6A  
(5-12)

API NO. 47- 49 - 02237  
OPERATOR WELL NO. Four States Unit A 6H  
Well Pad Name: Four States Unit A

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

**Notice Time Requirement:** notice shall be provided no later than the **filing date of permit application.**

**Date of Notice:** 09/12/2012 **Date Permit Application Filed:** 09/12/2012

**Notice of:**

- PERMIT FOR ANY WELL WORK       CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

**Delivery method pursuant to West Virginia Code § 22-6A-10(b)**

- PERSONAL SERVICE       REGISTERED MAIL       METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b), no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner.

**Notice is hereby provided to:**

SURFACE OWNER(s)  
Name: John Markovich ✓  
Address: 125 Carriage Ln.  
Bridgeport, WV 26330  
Name: Douglas D. & Debra L. Wolfe ✓  
Address: Rt. 1 Box 208  
Farmington, WV26571

SURFACE OWNER(s) (Road and/or Other Disturbance)  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

SURFACE OWNER(s) (Impoundments/Pits)  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

COAL OWNER OR LESSEE  
Name: Consol Energy ✓  
Address: 1000 Consol Energy Drive  
Cannonsburg, PA 15317-6506

COAL OPERATOR  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

WATER PURVEYOR(s) ✓  
Name: Debbie Hayes  
Address: PO Box 118  
Worthington, WV 26591

OPERATOR OF ANY NATURAL GAS STORAGE FIELD  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

\*Please attach additional forms if necessary

**08/27/2021**  
Office of Oil and Gas

SEP 13 2012

WV Department of  
Environmental Protection

WW-6A  
(5-12)

API NO. 47- 49 - 02237  
OPERATOR WELL NO. Four States Unit A 6H  
Well Pad Name: Four States Unit A

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

**Notice Time Requirement:** notice shall be provided no later than the **filing date of permit application.**

**Date of Notice:** 09/12/2012 **Date Permit Application Filed:** 09/12/2012

**Notice of:**

- PERMIT FOR ANY WELL WORK       CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

**Delivery method pursuant to West Virginia Code § 22-6A-10(b)**

- PERSONAL SERVICE       REGISTERED MAIL       METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b), no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner.

**Notice is hereby provided to:**

SURFACE OWNER(s)  
Name: John Markovich ✓  
Address: 125 Carriage Ln.  
Bridgeport, WV 26330  
Name: Douglas D. & Debra L. Wolfe ✓  
Address: Rt. 1 Box 208  
Farmington, WV26571

SURFACE OWNER(s) (Road and/or Other Disturbance)  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

SURFACE OWNER(s) (Impoundments/Pits)  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

COAL OWNER OR LESSEE  
Name: Consol Energy ✓  
Address: 1000 Consol Energy Drive  
Cannonsburg, PA 15317-6506

COAL OPERATOR  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

WATER PURVEYOR(s)  
Name: Lawrence & Anita Hayes ✓  
Address: PO Box 209  
Farmington, WV 26571

OPERATOR OF ANY NATURAL GAS STORAGE FIELD  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

\*Please attach additional forms if necessary

**08/27/2021**  
RECEIVED  
Office of Oil and Gas

SEP 13 2012

WV Department of  
Environmental Protection

WW-6A  
(5-12)

API NO. 47- 49 - 02237  
OPERATOR WELL NO. Four States Unit A 6H  
Well Pad Name: Four States Unit A

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

**Notice Time Requirement:** notice shall be provided no later than the **filing date of permit application.**

**Date of Notice:** 09/12/2012 **Date Permit Application Filed:** 09/12/2012

Notice of:

- PERMIT FOR ANY WELL WORK       CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

**Delivery method pursuant to West Virginia Code § 22-6A-10(b)**

- PERSONAL SERVICE       REGISTERED MAIL       METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b), no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner.

Notice is hereby provided to:

SURFACE OWNER(s)  
Name: John Markovich ✓  
Address: 125 Carriage Ln.  
Bridgeport, WV 26330  
Name: Douglas D. & Debra L. Wolfe  
Address: Rt. 1 Box 208 ✓  
Farmington, WV26571

SURFACE OWNER(s) (Road and/or Other Disturbance)  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

SURFACE OWNER(s) (Impoundments/Pits)  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

COAL OWNER OR LESSEE  
Name: Consol Energy ✓  
Address: 1000 Consol Energy Drive ✓  
Cannonsburg, PA 15317-6506

COAL OPERATOR  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

WATER PURVEYOR(s)  
Name: Tevebaugh Methodist Church  
Address: c/o Gary Conley 1709 Main St. LKC  
Worthington, WV 26591 Lumberport, WV 26386

OPERATOR OF ANY NATURAL GAS STORAGE FIELD  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

\*Please attach additional forms if necessary

08/27/2021  
Office of Oil and Gas

SEP 13 2012

WV Department of  
Environmental Protection

WW-6A  
(5-12)

API NO. 47- 49 - 02237  
OPERATOR WELL NO. Four States Unit A 6H  
Well Pad Name: Four States Unit A

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

**Notice Time Requirement:** notice shall be provided no later than the **filing date of permit application.**

**Date of Notice:** 09/12/2012 **Date Permit Application Filed:** 09/12/2012

Notice of:

- PERMIT FOR ANY WELL WORK       CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

**Delivery method pursuant to West Virginia Code § 22-6A-10(b)**

- PERSONAL SERVICE       REGISTERED MAIL       METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b), no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner.

Notice is hereby provided to:

SURFACE OWNER(s)  
Name: John Markovich ✓  
Address: 125 Carriage Ln.  
Bridgeport, WV 26330

Name: Douglas D. & Debra L. Wolfe ✓  
Address: Rt. 1 Box 208  
Farmington, WV26571

SURFACE OWNER(s) (Road and/or Other Disturbance)

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

SURFACE OWNER(s) (Impoundments/Pits)

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

COAL OWNER OR LESSEE  
Name: Consol Energy ✓  
Address: 1000 Consol Energy Drive  
Cannonsburg, PA 15317-6506

COAL OPERATOR  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

WATER PURVEYOR(s)  
Name: Darcis Postlethwait ✓  
Address: RR 1 Box 77  
Worthington, WV 26591

OPERATOR OF ANY NATURAL GAS STORAGE FIELD

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

\*Please attach additional forms if necessary

**08/27/2021**  
RECEIVED  
Office of Oil and Gas  
  
**SEP 13 2012**  
  
WV Department of  
Environmental Protection

WW-6A  
(5-12)

API NO. 47- 49-02237  
OPERATOR WELL NO. Four States Unit A 6H  
Well Pad Name: Four States Unit A

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

**Notice Time Requirement:** notice shall be provided no later than the **filing date of permit application.**  
**Date of Notice:** 09/12/2012 **Date Permit Application Filed:** 09/12/2012

**Notice of:**

- PERMIT FOR ANY WELL WORK       CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

**Delivery method pursuant to West Virginia Code § 22-6A-10(b)**

- PERSONAL SERVICE       REGISTERED MAIL       METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b), no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner.

**Notice is hereby provided to:**

SURFACE OWNER(s)

Name: John Markovich  
Address: 125 Carriage Ln.  
Bridgeport, WV 26330  
Name: Douglas D. & Debra L. Wolfe  
Address: Rt. 1 Box 208  
Farmington, WV26571

SURFACE OWNER(s) (Road and/or Other Disturbance)

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

SURFACE OWNER(s) (Impoundments/Pits)

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

COAL OWNER OR LESSEE

Name: Consol Energy  
Address: 1000 Consol Energy Drive  
Cannonsburg, PA 15317-6506

COAL OPERATOR

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

WATER PURVEYOR(s)

Name: Gary Eagle  
Address: RR 1 Box 78  
Worthington, WV 26591

OPERATOR OF ANY NATURAL GAS STORAGE FIELD

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

\*Please attach additional forms if necessary

RECEIVED  
Office of Oil and Gas **08/27/2012**

SEP 13 2012

WV Department of  
Environmental Protection

WW-6A  
(5-12)

API NO. 47- 49- 02237  
OPERATOR WELL NO. Four States Unit A 6H  
Well Pad Name: Four States Unit A

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

**Notice Time Requirement:** notice shall be provided no later than the **filing date of permit application.**  
**Date of Notice:** 09/12/2012 **Date Permit Application Filed:** 09/12/2012

**Notice of:**

- PERMIT FOR ANY WELL WORK       CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

**Delivery method pursuant to West Virginia Code § 22-6A-10(b)**

- PERSONAL SERVICE       REGISTERED MAIL       METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b), no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner.

**Notice is hereby provided to:**

SURFACE OWNER(s)  
Name: John Markovich  
Address: 125 Carriage Ln. ✓  
Bridgeport, WV 26330  
Name: Douglas D. & Debra L. Wolfe  
Address: Rt. 1 Box 208 ✓  
Farmington, WV26571

SURFACE OWNER(s) (Road and/or Other Disturbance)  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

SURFACE OWNER(s) (Impoundments/Pits)  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

COAL OWNER OR LESSEE  
Name: H3 LLC  
Address: 1483 Johns Creek Road ✓  
Milton, WV 25541

COAL OPERATOR  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

WATER PURVEYOR(s)  
Name: Michelle Markovich  
Address: 890 Four States Rd. ✓  
Worthington, WV 26591

OPERATOR OF ANY NATURAL GAS STORAGE FIELD  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

\*Please attach additional forms if necessary

RECEIVED  
Office of Oil and Gas  
**08/27/2012**

**SEP 13 2012**

WV Department of  
Environmental Protection



WW-6A  
(5-12)

API NO. 47- 49 - 02237  
OPERATOR WELL NO. Four States Unit A 6H  
Well Pad Name: Four States Unit A

**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 also 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.

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

**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.

**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.

**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 wellpad 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, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced 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 31, 2012, report 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 alteration to address the items 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

08/27/2021  
Office of Oil and Gas

SEP 13 2012

WV Department of  
Environmental Protection

WW-6A  
(5-12)

API NO. 47- 49 - 02237  
OPERATOR WELL NO. Four States Unit A 6H  
Well Pad Name: Four States Unit A

factors, if necessary.

**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 57<sup>th</sup> St. SE  
Charleston, WV 25304  
(304) 926-0450

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. **NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.**

**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.

08/27/2021  
Office of Oil and Gas

SEP 13 2012

WV Department of  
Environmental Protection

WW-6A  
(5-12)

API NO. 47- 49 - 02237  
OPERATOR WELL NO. Four States Unit A 6H  
Well Pad Name: Four States Unit A

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.

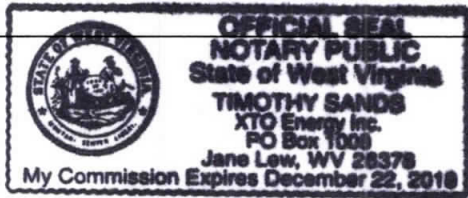
**Notice is hereby given by:**

Well Operator: XTO Energy, Inc.  
Telephone: 304-884-6000  
Email: \_\_\_\_\_

Address: PO Box 1008  
Jane Lew, WV 26378  
Facsimile: 304-884-6809

**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](mailto:deprivacyofficer@wv.gov).



Subscribed and sworn before me this 12 day of Sept, 2012.

*Timothy Sands*

Notary Public

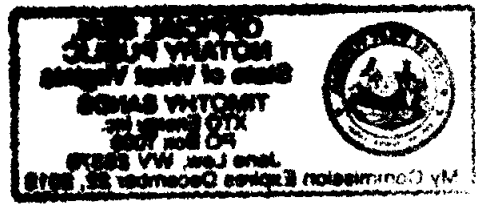
My Commission Expires 12/22/18

Notary Seal

RECEIVED  
Office of Oil and Gas  
08/27/2021

SEP 13 2012

WV Department of  
Environmental Protection



08/27/2021

**HUPP Surveying & Mapping**  
**P.O. BOX 647**  
**GRANTSVILLE, WV 26147**  
**(304) 354-7035 [hupp@frontiernet.net](mailto:hupp@frontiernet.net) FAX: (304) 354-6548**

---

May 16, 2012

RE: Water Samples for Four States Unit A-6H

There appears to be eight (8) potable water sources within 1,500' of Four States Unit A-6H, therefore tests should be offered and samples taken as required.

1. Douglas & Deborah Wolfe ✓  
RR1 Box 208  
Farmington, WV 26571  
Tax Map 29 Parcel 15
2. Timothy Pulice ✓  
P.O. Box 1264  
Millsboro, DE 19966  
Tax Map 50 Parcels 22 & 23
3. Debbie Hayes ✓  
P.O. Box 118  
Worthington, WV 26591  
Tax Map 50 Parcel 21  
Tax Map 29 Parcel 14.1
4. Lawrence & Anita Hayes ✓  
RR1 Box 209  
Farmington, WV 26571  
Tax Map 29 Parcel 14
5. TR Tevebaugh Methodist Church ?  
Worthington, WV 26591  
Tax Map 29 Parcel 13
6. Darcis Postlethwait ✓  
RR1 Box 77  
Worthington, WV 26591  
Tax Map 29 Parcels 11 & 12
7. Gary Eagle ✓  
RR1 Box 78  
Worthington, WV 26591  
Tax Map 29 Parcels 9.5 & 10

RECEIVED  
Office of Oil and Gas

SEP 13 2012 08/27/2021

WV Department of  
Environmental Protection

49-02237

8. Michelle Markovich ✓  
890 Four States Rd.  
Worthington, WV 26591  
Tax Map 29 Parcels 9.3 & 9.4

RECEIVED  
Office of Oil and Gas

SEP 13 2012 08/27/2021

WV Department of  
Environmental Protection

**HORIZONTAL NATURAL  
GAS WELL WORK  
PERMIT  
APPLICATION NOTICE  
BY PUBLICATION**

**Notice is hereby given:**  
Pursuant to West Virginia Code §. 22-6A-10(e), prior to filing an application for a permit for a horizontal well the applicant shall publish in the county in which the well is located or is proposed to be located a Class II legal advertisement.

**Paper:**  
Times West Virginian

**Public Notice Date:**  
June 1, 8, 2012

The following applicant intends to apply for a horizontal natural gas well work permit which disturbs three acres or more of surface excluding pipelines, gathering lines and roads or utilizes more than two hundred ten thousand gallons of water in any thirty day period.

**Applicant:**  
XTO Energy, Inc.

**Well Number:**  
Four States Unit A 8H

**Address:** PO Box 1008  
Jane Lew, WV 26378

**Business Conducted:**  
Natural gas production.

**Location:**  
State: West Virginia  
County: Marion  
District: Lincoln  
Quadrangle:  
Shinnston 7.5'  
Approximate  
UTM NAD 83  
Easting: 561037  
Northing: 4369802  
Watershed:  
Tevebaugh Creek

Any interested person may submit written comments or request a copy of the proposed permit application by emailing [dep.cogcomments@wv.gov](mailto:dep.cogcomments@wv.gov), sending a letter to Permit Review, Office of Oil and Gas, 601 57th Street, SE, Charleston, WV 25304 or calling 304-926-0450. Emailed or written comments must reference the county, well number, and operator and be received by July 8, 2012.

Copies of the proposed permit application may be reviewed at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Full copies or scans of the proposed permit application will cost \$15.00, whether mailed or obtained at DEP headquarters.

For information related to horizontal drilling, and all horizontal well applications filed in this state, visit:  
[www.dep.wv.gov/oil-and-gas/pages/default.aspx](http://www.dep.wv.gov/oil-and-gas/pages/default.aspx)

Times: June 1, 8, 2012,  
2012

RECEIVED  
Office 08/27/2021 Gas

SEP 13 2012

WV Department of  
Environmental Protection

49-02237

012222

**AFFIDAVIT OF PUBLICATION**

State of West Virginia  
County of Marion, to wit:

I, ERIC GOREY, being first duly sworn upon my oath,

do dispose and say that I am Legal Clerk of the **TIMES WEST VIRGINIAN** a corporation, publisher of the newspaper entitled the **TIMES WEST VIRGINIAN** an Independent newspaper:

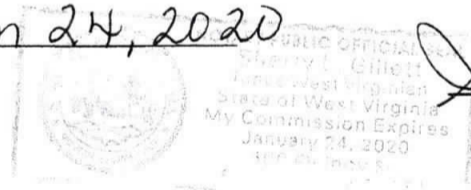
that I have been duly authorized by the board of directors of such corporation to execute this affidavit of publication; that such newspaper has been published for more than one year prior to publication of the annexed notice described below, that such newspaper is regularly published daily except Saturday and Sunday, for at least fifty weeks during the calendar year, in the Municipality of Fairmont, Marion County, West Virginia; that such newspaper is a newspaper of "general circulation," as that term is defined in article three, chapter fifty-nine of the Code of West Virginia, 1931, as amended, within the publication area or areas of the aforementioned municipality and Marion County; that such newspaper averages in length four or more pages, exclusive of any cover, per issue; that such newspaper is circulated to the general public at a definite price or consideration; that such newspaper is a newspaper to which the general public resorts for passing events of a political, religious, commercial or social nature, and for current happenings, announcements, miscellaneous reading matter, advertisements and other notices.

that the annexed notice of Natural Gas Well Work Permit was duly published in said newspaper once week for two successive weeks (Class II), commencing with the issue of the 1 day of June, 2012, and ending with the issue of the 8 day of June, 2012, and was posted at the front door of the Marion County Courthouse on the 1 day of June, 2012; that said annexed notice was published on the following dates: June 1 8 2012 and the cost of publishing said annexed notice as aforesaid was \$ 153.29.

Taken, subscribed and sworn to before me in said county this 19 day of June, 2012.

My commission expires Jan 24, 2020

Eric Gorey  
Sherry G. Gillette  
Notary Public of Marion County, West Virginia



08/27/2021  
Office of Oil and Gas

SEP 13 2012

WV Department of Environmental Protection



49-02237

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

Date of Notice Certification: \_\_\_\_\_

API No. 47- \_\_\_\_\_ - \_\_\_\_\_  
Operator's Well No. Four States Unit A 6H  
Well Pad Name: Four States Unit A

**Notice has been given:**

Pursuant to the provisions in West Virginia Code § 22-6A, the Operator has provided the required parties with the Notice Forms listed below for the tract of land as follows:

State:	West Virginia	UTM NAD 83	Easting:	561037 ✓
County:	Marion		Northing:	4369802
District:	Lincoln	Public Road Access:	Four States Road, CR 44	
Quadrangle:	Shinnston 7.5'	Generally used farm name:	Four States Unit A	
Watershed:	Tevebaugh Creek			

Pursuant to West Virginia Code § 22-6A-7(b), every permit application filed under this section shall be on a form as may be prescribed by the secretary, shall be verified and shall contain the following information: (14) A certification from the operator that (i) it has provided the owners of the surface described in subdivisions (1), (2) and (4), subsection (b), section ten of this article, the information required by subsections (b) and (c), section sixteen of this article; (ii) that the requirement was deemed satisfied as a result of giving the surface owner notice of entry to survey pursuant to subsection (a), section ten of this article six-a; or (iii) the notice requirements of subsection (b), section sixteen of this article were waived in writing by the surface owner; and Pursuant to West Virginia Code § 22-6A-11(b), the applicant shall tender proof of and certify to the secretary that the notice requirements of section ten of this article have been completed by the applicant.

<p>Pursuant to West Virginia Code § 22-6A, the Operator has attached proof to this Notice Certification that the Operator has properly served the required parties with the following:</p> <p>*PLEASE CHECK ALL THAT APPLY</p> <p><input type="checkbox"/> 1. NOTICE OF SEISMIC ACTIVITY or <input checked="" type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED</p> <p><input checked="" type="checkbox"/> 2. NOTICE OF ENTRY FOR PLAT SURVEY or <input type="checkbox"/> NO PLAT SURVEY WAS CONDUCTED</p> <p><input type="checkbox"/> 3. NOTICE OF INTENT TO DRILL or <input checked="" type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or</p> <p style="padding-left: 100px;"><input type="checkbox"/> WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH)</p> <p><input checked="" type="checkbox"/> 4. NOTICE OF PLANNED OPERATION</p> <p><input checked="" type="checkbox"/> 5. PUBLIC NOTICE</p> <p><input checked="" type="checkbox"/> 6. NOTICE OF APPLICATION</p>	<p><b>OOG OFFICE USE ONLY</b></p> <p><input type="checkbox"/> RECEIVED/ NOT REQUIRED</p> <p><input checked="" type="checkbox"/> RECEIVED</p> <p><input type="checkbox"/> RECEIVED/ NOT REQUIRED</p> <p><input checked="" type="checkbox"/> RECEIVED</p> <p><input checked="" type="checkbox"/> RECEIVED</p> <p><input checked="" type="checkbox"/> RECEIVED</p>
--	---

**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 a copy of 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. Pursuant to 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.

08/27/2021  
Office of Oil and Gas

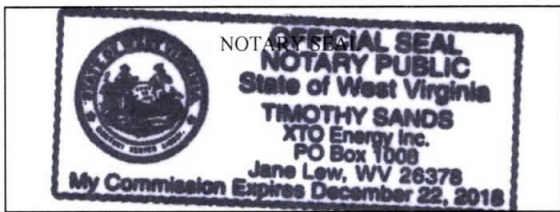
SEP 13 2012

49-02237

**Certification of Notice is hereby given:**

THEREFORE, I Gary Beall, have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification and all attachments, 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 and imprisonment.

Well Operator:	<u>XTO Energy, Inc.</u>	Address:	<u>PO Box 1008</u>
By:	<u>Gary Beall</u>		<u>Jane Lew, WV 26378</u>
Its:	<u>Production Superintendent</u>	Facsimile:	<u>304-884-6809</u>
Telephone:	<u>304-884-6000</u>	Email:	<u></u>



Subscribed and sworn before me this 12 day of Sept. 2012.

[Signature] Notary Public

My Commission Expires 12/22/18

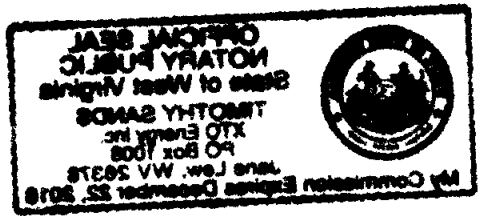
**Oil and Gas Privacy Notice:**

The Office of Oil and Gas processes your personal information, such as name, address and 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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

RECEIVED  
08/27/2021  
Office of Oil and Gas

SEP 13 2012

WV Department of  
Environmental Protection



08/27/2021



49-02237

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature  <input checked="" type="checkbox"/> <i>Gary Conley</i>      <input checked="" type="checkbox"/> Agent  <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)      C. Date of Delivery  <i>Gary R Conley</i>      <i>9-14-12</i></p>
<p>Tevebaugh Methodist Church  c/o Gary Conley  1709 Main St.  Lumberport, WV 26386</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes  If YES, enter delivery address below: <input type="checkbox"/> No</p>
	<p>3. Service Type  <input type="checkbox"/> Certified Mail      <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered      <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail      <input type="checkbox"/> C.O.D.</p>
<p><i>Four States ADMAHM Permit Apps - Vector</i></p>	<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>7009 2250 0003 6820 7575</p>	
<p>PS Form 3811, February 2004      Domestic Return Receipt      102595-02-M-1540</p>	

RECEIVED  
Office of Oil and Gas 08/27/2021

DEC 14 2012

WV Department of  
Environmental Protection

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

For delivery information visit our website at www.usps.com®  
 BRIDGEPORT WV 26330

**OFFICIAL USE**

Postage	\$ 0.45	0850
Certified Fee	\$ 2.95	03
Return Receipt Fee (Endorsement Required)	\$ 2.35	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
<b>Total Postage &amp; Fees</b>	<b>\$ 5.75</b>	<b>02/23/2012</b>

Sent To: **John Markovich**  
 Street, Apt. No.; or PO Box No.: **125 Carriage Ln.**  
 City, State, ZIP+4: **Bridgeport, WV 26330**

PS Form 3800, August 2006 See Reverse for Instructions

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

For delivery information visit our website at www.usps.com®  
 FARMINGTON WV 26371

**OFFICIAL USE**

Postage	\$ 0.45	0850
Certified Fee	\$ 2.95	03
Return Receipt Fee (Endorsement Required)	\$ 2.35	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
<b>Total Postage &amp; Fees</b>	<b>\$ 5.75</b>	<b>02/23/2012</b>

Sent To: **Douglas & Debra Wolfe**  
 Street, Apt. No.; or PO Box No.: **Rt 1 Box 208**  
 City, State, ZIP+4: **Farmington, WV 26371**

PS Form 3800, August 2006 See Reverse for Instructions

49-02237

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

For delivery information visit our website at www.usps.com®  
 FARMINGTON WV 26371

**OFFICIAL USE**

Postage	\$ 0.45	0850
Certified Fee	\$ 2.95	03
Return Receipt Fee (Endorsement Required)	\$ 2.35	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
<b>Total Postage &amp; Fees</b>	<b>\$ 5.75</b>	<b>02/23/2012</b>

Sent To: **Douglas & Debra Wolfe**  
 Street, Apt. No.; or PO Box No.: **Rt 1 Box 208**  
 City, State, ZIP+4: **Farmington, WV 26371**

PS Form 3800, August 2006 See Reverse for Instructions

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)		Postmark Here
Restricted Delivery Fee (Endorsement Required)		
<b>Total Postage &amp; Fees</b>	<b>\$</b>	

Sent To: **H3 LLC**  
 Street, Apt. No.; or PO Box No.: **1483 Johns Creek Road**  
 City, State, ZIP+4: **Milton, WV 25541**

PS Form 3800, August 2006 See Reverse for Instructions

JANE LEW WV  
 APR 25 2012  
 26378  
 Four States  
 A.M., A.M., A.M.  
 Notice of Entry

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1  
**H3 LLC**  
**1483 Johns Creek Road**  
**Milton, WV 25541**

*Four States A.M., A.M., A.M.*  
**Notice of Entry**

2. Article Number  
 7011 1570 0000 4777 1327

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 *Deanna Allen*  Agent  Addressee

B. Received by (Printed Name) **Deanna Allen** C. Date of Delivery

D. Is delivery address different from item 1?  Yes  No  
 If YES, enter delivery address below:

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

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)		Postmark Here
Restricted Delivery Fee (Endorsement Required)		
<b>Total Postage &amp; Fees</b>	<b>\$</b>	

Sent To: **CONSOL Energy**  
 Attn: Mr. Donald Puglio P.G.  
 CNX Center  
 1000 Consol Energy Drive  
 Cannonsburg, PA 15317-6506

PS Form 3811, August 2006 See Reverse for Instructions

JANE LEW WV  
 APR 25 2012  
 26378  
 Notice of Entry  
 Four States  
 A.M., A.M., A.M.

RECEIVED  
 Office of Oil and Gas  
 08/27/2021  
 SEP 13 2012  
 WV Department of Environmental Protection

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

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

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

John Markovich  
125 Carriage Lane  
Bridgeport, WV 26330

*Four States  
A2H+AGH  
Permit Apps  
Surface*

for Instructions

7009 2250 0003 6820 8718

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

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

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

Douglas & Deborah Wolfe  
RR1 Box 208  
Farmington, WV 26571

*Four States  
A2H+AGH  
Permit Apps  
Surface  
Water*

for Instructions

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

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

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

**CONSOL Energy**  
Attn: Mr. Donald Puglio P.G.  
CNX Center  
1000 Consol Energy Drive  
Cannonsburg, PA 15317-6506

*Four States  
A2H+AGH  
Permit Apps  
Local*

for Instructions

7009 2250 0003 6820 8725

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

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

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

H3 LLC  
143 Johns Creek Road  
Milton, WV 25541

*Four States  
A2H+AGH  
Permit Apps  
Local*

for Instructions

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

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

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

Timothy Pulice  
P.O. Box 1264  
Millsboro, DE 19966

*Four States A  
A2H+AGH  
Permit Apps  
Water*

for Instructions

7009 2250 0003 6820 8749

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

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

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

Debbie Hayes  
P.O. Box 118  
Worthington, WV 26591

*Four States  
A2H+AGH  
Permit Apps  
Water*

for Instructions

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

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

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

Lawrence & Anita Hayes  
RR1 Box 209  
Farmington, WV 26571

*Four States  
A2H+AGH  
Permit Apps  
Water*

for Instructions

7009 2250 0003 6820 7575

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

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

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

**Tevebaugh Methodist Church**  
c/o Gary Conley  
1709 Main St.  
Lumberport, WV 26386

*Four States  
A2H+AGH  
Permit Apps  
Water*

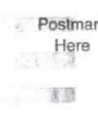
for Instructions

Office of Oil and Gas  
SEP 13 2012  
08/27/2021  
WV Department of Environmental Protection

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

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

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

Darcis Postlethwait  
RR1 Box 77  
Worthington, WV 26591

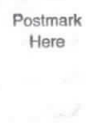
*Four States  
A 211 + A6H  
Permit Apps  
Water*

for Instructions

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

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

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

Gary Eagle  
RR1 Box 78  
Worthington, WV 26591

*Four States  
A 211 + A6H  
Permit Apps  
Water*


for Instructions

7009 2250 0003 6820 8770

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

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

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

Michelle Markovich  
890 Four States Road  
Worthington, WV 26591

*Four States  
A 211 + A6H  
Permit Apps  
Water*

for Instructions

RECEIVED  
Office of Oil and Gas  
08/27/2021

SEP 13 2012

WV Department of  
Environmental Protection





WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

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

Earl Ray Tomblin  
Governor

Paul A. Mattox, Jr., P. E.  
Secretary of Transportation/  
Commissioner of Highways

August 13, 2012

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

Subject: DOH Permit for the Four States A Well Pad, Marion County

Dear Dr. Martin,

This well site will be accessed from Permit #04-12-0307 issued to XTO Energy, Inc. for access to the State Road for a well site located off of Marion County Route 44 SLS.

The operator has signed a STATEWIDE 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, P.E.  
Regional Maintenance Engineer  
Central Office O&G Coordinator

Cc: Tim Sands  
XTO Energy, Inc.  
CH, CHH, OM, D-4  
File

E.E.O./AFFIRMATIVE ACTION EMPLOYER

RECEIVED  
Office of Oil and Gas

08/27/2012  
SEP 13 2012

WV Department of  
Environmental Protection

Hydraulic Fracturing Fluid Product Component Information Disclosure							
Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water				7732-18-5	100.00%	88.918	
Sand		Proppant	Crystalline Silica	14808-60-7	100.00%	10.462	
Biocide EC 6116A	Universal	Biocide					
			Dibromoacetonitrile	3252-43-5	5.00%	0.002	
			2,2-Dibromo-3-nitropropionamide	10222-01-2	30.00%	0.010	
			Polyethylene Glycol	25322-68-3	60.00%	0.020	
			Other - unspecified		5.00%	0.002	
Unislik ST 50	Universal	Friction Reducer					
			Hydrotreated light distillates	64742-47-8	30.00%	0.020	
			Polyacrylamide powder and other		70.00%	0.046	
EC 6486A	Universal	Scale Inhibitor					
			Ethylene glycol	107-21-1	30.00%	0.010	
			Other - unspecified		70.00%	0.024	
7.5% HCl Acid	Universal	Cleaning					
			Hydrogen Chloride	7647-01-0	7.50%	0.036	
			Water	7732-18-5	92.50%	0.449	

\* Total Water Volume sources may include fresh water, produced water, and/or recycled water

\*\* Information is based on the maximum potential for concentration and thus the total may be over 100%

RECEIVED  
Office of Oil and Gas  
SEP 13 2012  
WV Department of  
Environmental Protection  
08/27/2021

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**VOLUNTARY STATEMENT OF NO OBJECTION**

**Instructions to Persons Named on Page WW-6A**

The well operator named on page WW-6A is applying for a permit from the State of West Virginia to conduct oil or gas well work. Well work permits are valid for twenty-four (24) months. Please contact the listed well operator and the Office of Oil and Gas if you do not own any interest in the listed surface tract.

**Comment and Waiver Provisions**

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.

Pursuant to West Virginia Code § 22-6A-8(b) No permit may be issued less than thirty days after the filing date of the application for any well work except plugging or replugging; and no permit for plugging or replugging may be issued less than five days after the filing date of the application except a permit for plugging or replugging a dry hole: *Provided*, That if the applicant certifies that all persons entitled to notice of the application under the provisions of subsection (b), section ten of this article have been served in person or by certified mail, return receipt requested, with a copy of the well work application, including the erosion and sediment control plan, if required, and the well plat, and further files written statements of no objection by all such persons, the secretary may issue the well work permit at any time.

**VOLUNTARY STATEMENT OF NO OBJECTION**

I, John Markovich, hereby state that I have read the Instructions to Persons Named on Page WW-6A and the associated provisions listed above, and that I have received copies of a Notice of Application, an Application for a Well Work Permit on Form WW-6A and attachments consisting of pages one (1) through END, including the erosion and sediment control plan, if required, and the well plat, all for proposed well work on the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83 Easting:	<u>561037</u>
County:	<u>Marion</u>	UTM NAD 83 Northing:	<u>4369802</u>
District:	<u>Lincoln</u>	Public Road Access:	<u>Four States Road, CR 44</u>
Quadrangle:	<u>Shinnston 7.5'</u>	Generally used farm name:	<u>Four States Unit A</u>
Watershed:	<u>Tevebaugh Creek</u>		

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

<p>*Please check the box that applies</p> <p><input checked="" type="checkbox"/> SURFACE OWNER</p> <p><input type="checkbox"/> SURFACE OWNER (Road and/or Other Disturbance)</p> <p><input type="checkbox"/> SURFACE OWNER (Impoundments/Pits)</p> <p><input type="checkbox"/> COAL OWNER OR LESSEE</p> <p><input type="checkbox"/> COAL OPERATOR</p> <p><input type="checkbox"/> WATER PURVEYOR</p> <p><input type="checkbox"/> OPERATOR OF ANY NATURAL GAS STORAGE FIELD</p>	<p><b>FOR EXECUTION BY A NATURAL PERSON</b></p> <p>Signature: <u>John Markovich</u></p> <p>Print Name: <u>John Markovich</u></p> <p>Date: <u>9/19/12</u></p> <p><b>FOR EXECUTION BY A CORPORATION, ETC.</b></p> <p>Company: _____</p> <p>By: _____</p> <p>Its: _____</p> <p>Signature: _____</p> <p>Date: _____</p>
--	---

**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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

**RECEIVED**  
**Office of Oil and Gas**  
**08/27/2021**

**DEC 14 2012**

**WV Department of  
Environmental Protection**

WW-6AW  
(1-12)

API NO. 47- 49-02237  
OPERATOR WELL NO. Four States Unit A 6H  
Well Pad Name: Four States Unit A

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**VOLUNTARY STATEMENT OF NO OBJECTION**

**Instructions to Persons Named on Page WW-6A**

The well operator named on page WW-6A is applying for a permit from the State of West Virginia to conduct oil or gas well work. Well work permits are valid for twenty-four (24) months. Please contact the listed well operator and the Office of Oil and Gas if you do not own any interest in the listed surface tract.

**Comment and Waiver Provisions**

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.

Pursuant to West Virginia Code § 22-6A-8(b) No permit may be issued less than thirty days after the filing date of the application for any well work except plugging or replugging; and no permit for plugging or replugging may be issued less than five days after the filing date of the application except a permit for plugging or replugging a dry hole: *Provided*, That if the applicant certifies that all persons entitled to notice of the application under the provisions of subsection (b), section ten of this article have been served in person or by certified mail, return receipt requested, with a copy of the well work application, including the erosion and sediment control plan, if required, and the well plat, and further files written statements of no objection by all such persons, the secretary may issue the well work permit at any time.

**VOLUNTARY STATEMENT OF NO OBJECTION**

I, \_\_\_\_\_, hereby state that I have read the Instructions to Persons Named on Page WW-6A and the associated provisions listed above, and that I have received copies of a Notice of Application, an Application for a Well Work Permit on Form WW-6A and attachments consisting of pages one (1) through \_\_\_\_\_, including the erosion and sediment control plan, if required, and the well plat, all for proposed well work on the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83	Easting:	<u>561037</u>
County:	<u>Marion</u>		Northing:	<u>4369802</u>
District:	<u>Lincoln</u>	Public Road Access:	<u>Four States Road, CR 44</u>	
Quadrangle:	<u>Shinnston 7.5'</u>	Generally used farm name:	<u>Four States Unit A</u>	
Watershed:	<u>Tevebaugh Creek</u>			

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

<p>*Please check the box that applies</p> <p><input type="checkbox"/> SURFACE OWNER</p> <p><input type="checkbox"/> SURFACE OWNER (Road and/or Other Disturbance)</p> <p><input type="checkbox"/> SURFACE OWNER (Impoundments/Pits)</p> <p><input type="checkbox"/> COAL OWNER OR LESSEE</p> <p><input type="checkbox"/> COAL OPERATOR</p> <p><input checked="" type="checkbox"/> WATER PURVEYOR</p> <p><input type="checkbox"/> OPERATOR OF ANY NATURAL GAS STORAGE FIELD</p>	<p><b>FOR EXECUTION BY A NATURAL PERSON</b></p> <p>Signature: <u>Mrs Anita Hayes (widow)</u></p> <p>Print Name: <u>ANITA HAYES</u></p> <p>Date: <u>9-18-2012</u></p> <p><b>FOR EXECUTION BY A CORPORATION, ETC.</b></p> <p>Company: _____</p> <p>By: _____</p> <p>Its: _____</p> <p>Signature: _____</p> <p>Date: _____</p>
--	---

**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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

**RECEIVED**  
**Office of Oil and Gas**  
**08/27/2021**

**DEC 14 2012**

**WV Department of  
Environmental Protection**

WW-6AW  
(1-12)

API NO. 47- 49- 02237  
OPERATOR WELL NO. Four States Unit A 6H  
Well Pad Name: Four States Unit A

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**VOLUNTARY STATEMENT OF NO OBJECTION**

**Instructions to Persons Named on Page WW-6A**

The well operator named on page WW-6A is applying for a permit from the State of West Virginia to conduct oil or gas well work. Well work permits are valid for twenty-four (24) months. Please contact the listed well operator and the Office of Oil and Gas if you do not own any interest in the listed surface tract.

**Comment and Waiver Provisions**

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.

Pursuant to West Virginia Code § 22-6A-8(b) No permit may be issued less than thirty days after the filing date of the application for any well work except plugging or replugging; and no permit for plugging or replugging may be issued less than five days after the filing date of the application except a permit for plugging or replugging a dry hole: *Provided*, That if the applicant certifies that all persons entitled to notice of the application under the provisions of subsection (b), section ten of this article have been served in person or by certified mail, return receipt requested, with a copy of the well work application, including the erosion and sediment control plan, if required, and the well plat, and further files written statements of no objection by all such persons, the secretary may issue the well work permit at any time.

**VOLUNTARY STATEMENT OF NO OBJECTION**

I, \_\_\_\_\_, hereby state that I have read the Instructions to Persons Named on Page WW-6A and the associated provisions listed above, and that I have received copies of a Notice of Application, an Application for a Well Work Permit on Form WW-6A and attachments consisting of pages one (1) through \_\_\_\_\_, including the erosion and sediment control plan, if required, and the well plat, all for proposed well work on the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83 Easting:	<u>561037</u>
County:	<u>Marion</u>	UTM NAD 83 Northing:	<u>4369802</u>
District:	<u>Lincoln</u>	Public Road Access:	<u>Four States Road, CR 44</u>
Quadrangle:	<u>Shinnston 7.5'</u>	Generally used farm name:	<u>Four States Unit A</u>
Watershed:	<u>Tevebsough Creek</u>		

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

<p>*Please check the box that applies</p> <p><input checked="" type="checkbox"/> SURFACE OWNER</p> <p><input type="checkbox"/> SURFACE OWNER (Road and/or Other Disturbance)</p> <p><input type="checkbox"/> SURFACE OWNER (Impoundments/Pits)</p> <p><input type="checkbox"/> COAL OWNER OR LESSEE</p> <p><input type="checkbox"/> COAL OPERATOR</p> <p><input checked="" type="checkbox"/> WATER PURVEYOR</p> <p><input type="checkbox"/> OPERATOR OF ANY NATURAL GAS STORAGE FIELD</p>	<p><b>FOR EXECUTION BY A NATURAL PERSON</b></p> <p>Signature: <u>Deborah L. Wolfe</u></p> <p>Print Name: <u>Deborah L. Wolfe Douglas Noffke</u></p> <p>Date: <u>Sept 18, 2012</u></p> <p><b>FOR EXECUTION BY A CORPORATION, ETC.</b></p> <p>Company: _____</p> <p>By: _____</p> <p>Its: _____</p> <p>Signature: _____</p> <p>Date: _____</p>
---	--

**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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

**RECEIVED 08/27/2021**  
**Office of Oil and Gas**

**DEC 14 2012**

WV Department of  
Environmental Protection

49-02237

WW-6AW  
(1-12)

API NO. 47- \_\_\_\_\_ - \_\_\_\_\_  
OPERATOR WELL NO. Four States Unit A 6H  
Well Pad Name: Four States Unit A

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**VOLUNTARY STATEMENT OF NO OBJECTION**

**Instructions to Persons Named on Page WW-6A**

The well operator named on page WW-6A is applying for a permit from the State of West Virginia to conduct oil or gas well work. Well work permits are valid for twenty-four (24) months. Please contact the listed well operator and the Office of Oil and Gas if you do not own any interest in the listed surface tract.

**Comment and Waiver Provisions**

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.

Pursuant to West Virginia Code § 22-6A-8(b) No permit may be issued less than thirty days after the filing date of the application for any well work except plugging or replugging; and no permit for plugging or replugging may be issued less than five days after the filing date of the application except a permit for plugging or replugging a dry hole: *Provided*, That if the applicant certifies that all persons entitled to notice of the application under the provisions of subsection (b), section ten of this article have been served in person or by certified mail, return receipt requested, with a copy of the well work application, including the erosion and sediment control plan, if required, and the well plat, and further files written statements of no objection by all such persons, the secretary may issue the well work permit at any time.

**VOLUNTARY STATEMENT OF NO OBJECTION**

I, \_\_\_\_\_, hereby state that I have read the Instructions to Persons Named on Page WW-6A and the associated provisions listed above, and that I have received copies of a Notice of Application, an Application for a Well Work Permit on Form WW-6A and attachments consisting of pages one (1) through \_\_\_\_\_, including the erosion and sediment control plan, if required, and the well plat, all for proposed well work on the tract of land as follows:

State: <u>West Virginia</u>	UTM NAD 83 Easting: <u>561037</u>
County: <u>Marion</u>	UTM NAD 83 Northing: <u>4369802</u>
District: <u>Lincoln</u>	Public Road Access: <u>Four States Road, CR 44</u>
Quadrangle: <u>Shinnston 7.5'</u>	Generally used farm name: <u>Four States Unit A</u>
Watershed: <u>Tevebaugh Creek</u>	

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

<p>*Please check the box that applies</p> <p><input type="checkbox"/> SURFACE OWNER</p> <p><input type="checkbox"/> SURFACE OWNER (Road and/or Other Disturbance)</p> <p><input type="checkbox"/> SURFACE OWNER (Impoundments/Pits)</p> <p><input checked="" type="checkbox"/> COAL OWNER OR LESSEE</p> <p><input type="checkbox"/> COAL OPERATOR</p> <p><input type="checkbox"/> WATER PURVEYOR</p> <p><input type="checkbox"/> OPERATOR OF ANY NATURAL GAS STORAGE FIELD</p>	<p><b>FOR EXECUTION BY A NATURAL PERSON</b></p> <p>Signature: _____</p> <p>Print Name: _____</p> <p>Date: _____</p> <p><b>FOR EXECUTION BY A CORPORATION, ETC.</b></p> <p>Company: <u>Consol Energy</u></p> <p>By: <u>Guy R. Shelledy</u></p> <p>Its: <u>MANAGER OF ENGINEERING NWV</u></p> <p>Signature: <u>Guy R. Shelledy</u></p> <p>Date: <u>10-2-12</u></p>
--	--

**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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

**RECEIVED**  
**Office of Oil and Gas**  
**08/27/2021**

**DEC 14 2012**

**WV Department of  
Environmental Protection**

Tevebaugh Methodist  
Church

49-02237

WW-6AW  
(1-12)

API NO. 47- \_\_\_\_\_  
OPERATOR WELL NO. Four States Unit A 6H  
Well Pad Name: Four States Unit A

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
**VOLUNTARY STATEMENT OF NO OBJECTION**

**Instructions to Persons Named on Page WW-6A**

The well operator named on page WW-6A is applying for a permit from the State of West Virginia to conduct oil or gas well work. Well work permits are valid for twenty-four (24) months. Please contact the listed well operator and the Office of Oil and Gas if you do not own any interest in the listed surface tract.

**Comment and Waiver Provisions**

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.

Pursuant to West Virginia Code § 22-6A-8(b) No permit may be issued less than thirty days after the filing date of the application for any well work except plugging or replugging; and no permit for plugging or replugging may be issued less than five days after the filing date of the application except a permit for plugging or replugging a dry hole: *Provided*, That if the applicant certifies that all persons entitled to notice of the application under the provisions of subsection (b), section ten of this article have been served in person or by certified mail, return receipt requested, with a copy of the well work application, including the erosion and sediment control plan, if required, and the well plat, and further files written statements of no objection by all such persons, the secretary may issue the well work permit at any time.

**VOLUNTARY STATEMENT OF NO OBJECTION**

I, \_\_\_\_\_, hereby state that I have read the Instructions to Persons Named on Page WW-6A and the associated provisions listed above, and that I have received copies of a Notice of Application, an Application for a Well Work Permit on Form WW-6A and attachments consisting of pages one (1) through \_\_\_\_\_, including the erosion and sediment control plan, if required, and the well plat, all for proposed well work on the tract of land as follows:

State: West Virginia UTM NAD 83 Easting: 561037  
County: Marion Northing: 4369802  
District: Lincoln Public Road Access: Four States Road, CR 44  
Quadrangle: Shinnston 7.5' Generally used farm name: Four States Unit A  
Watershed: Tevebaugh Creek

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

<p>*Please check the box that applies</p> <p><input type="checkbox"/> SURFACE OWNER</p> <p><input type="checkbox"/> SURFACE OWNER (Road and/or Other Disturbance)</p> <p><input type="checkbox"/> SURFACE OWNER (Impoundments/Pits)</p> <p><input type="checkbox"/> COAL OWNER OR LESSEE</p> <p><input type="checkbox"/> COAL OPERATOR</p> <p><input checked="" type="checkbox"/> WATER PURVEYOR</p> <p><input type="checkbox"/> OPERATOR OF ANY NATURAL GAS STORAGE FIELD</p>	<p><b>FOR EXECUTION BY A NATURAL PERSON</b></p> <p>Signature: <u>[Signature]</u></p> <p>Print Name: <u>GARY R CINLEY</u></p> <p>Date: <u>9-21-12</u></p>
	<p><b>FOR EXECUTION BY A CORPORATION, ETC.</b></p> <p>Company: _____</p> <p>By: _____</p> <p>Its: _____</p> <p>Signature: _____</p> <p>Date: _____</p>

**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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

RECEIVED  
Office of Oil and Gas  
08/27/2021

DEC 14 2012

WV Department of  
Environmental Protection

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
**VOLUNTARY STATEMENT OF NO OBJECTION**

**Instructions to Persons Named on Page WW-6A**

The well operator named on page WW-6A is applying for a permit from the State of West Virginia to conduct oil or gas well work. Well work permits are valid for twenty-four (24) months. Please contact the listed well operator and the Office of Oil and Gas if you do not own any interest in the listed surface tract.

**Comment and Waiver Provisions**

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.

Pursuant to West Virginia Code § 22-6A-8(b) No permit may be issued less than thirty days after the filing date of the application for any well work except plugging or replugging; and no permit for plugging or replugging may be issued less than five days after the filing date of the application except a permit for plugging or replugging a dry hole: *Provided*, That if the applicant certifies that all persons entitled to notice of the application under the provisions of subsection (b), section ten of this article have been served in person or by certified mail, return receipt requested, with a copy of the well work application, including the erosion and sediment control plan, if required, and the well plat, and further files written statements of no objection by all such persons, the secretary may issue the well work permit at any time.

**VOLUNTARY STATEMENT OF NO OBJECTION**

I, John Markovich, hereby state that I have read the Instructions to Persons Named on Page WW-6A and the associated provisions listed above, and that I have received copies of a Notice of Application, an Application for a Well Work Permit on Form WW-6A and attachments consisting of pages one (1) through \_\_\_\_\_, including the erosion and sediment control plan, if required, and the well plat, all for proposed well work on the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83	Easting:	<u>561037</u>
County:	<u>Marion</u>		Northing:	<u>4369802</u>
District:	<u>Lincoln</u>	Public Road Access:	<u>Four States Road, CR 44</u>	
Quadrangle:	<u>Shinnston 7.5'</u>	Generally used farm name:	<u>Four States Unit A</u>	
Watershed:	<u>Tevebaugh Creek</u>			

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

- \*Please check the box that applies
- SURFACE OWNER
  - SURFACE OWNER (Road and/or Other Disturbance)
  - SURFACE OWNER (Impoundments/Pits)
  - COAL OWNER OR LESSEE
  - COAL OPERATOR
  - WATER PURVEYOR
  - OPERATOR OF ANY NATURAL GAS STORAGE FIELD

**FOR EXECUTION BY A NATURAL PERSON**

Signature: John Markovich  
Print Name: JOHN MARKOVICH  
Date: 11/13/12

**FOR EXECUTION BY A CORPORATION, ETC.**

Company: \_\_\_\_\_  
By: \_\_\_\_\_  
Its: \_\_\_\_\_

Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

2012 NOV 15 PM 1:14  
OFFICE OF OIL & GAS

08/27/2021

**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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).



49-02237

WW-6A1  
(1/12)

Operator's Well No. Four States Unit A 6H

**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:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Barbara Jo Gorby	XTO Energy Inc.	1/8	1103/837
John Calvin Forquer Jr.	XTO Energy Inc.	1/8	1103/61
Roy Curtis Forquer Sr.	XTO Energy Inc.	1/8	1102/884
Darena Roase Forquer	XTO Energy Inc.	1/8	1103/833
Cynthia Renee Forquer	XTO Energy Inc.	1/8	1102/888

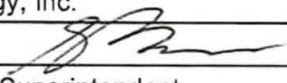
See additional page

**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: XTO Energy, Inc.  
 By: Gary Beall   
 Its: Production Superintendent

RECEIVED  
Office of Oil and Gas 08/27/2021

DEC 14 2012

WV Department of  
Environmental Protection



2102 7 2020

49-02237

LESSOR/ASSIGNOR	LESSEE/ASSIGNEE	Royalty	Book	Page	DESCRIPTION
FOUR STATES 6H, MARION CO., WEST VIRGINIA					
Douglas D. Wolfe and Debra L. Wolfe (wife), as Lessor	Exploration Partners, LLC, as Lessee	1/8th	996	500	Oil and Gas Lease covering a called 380.76 acres
Douglas D. Wolfe and Debra L. Wolfe (wife), as Lessor	Exploration Partners, LLC, as Lessee	1/8th	1008	305	Oil and Gas Lease covering a called 101 acres
Exploration Partners, LLC	Linn Energy Holdings, LLC		32	151	Assignment of OGL 996-410; 996-500; 1008-305
Linn Energy Holdings, LLC	XTO Energy Inc.		33	200	Assignment of OGL 996-410; 996-500; 1008-305
Clarice Manera, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	991	58	Oil and Gas Lease covering a called 190.00 acres
Penny Delovichas, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	991	126	Oil and Gas Lease covering a called 190.00 acres
Prudence Funk, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	991	128	Oil and Gas Lease covering a called 190.00 acres
Pamela Young, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	991	182	Oil and Gas Lease covering a called 190.00 acres
Peggy Sautter, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	991	409	Oil and Gas Lease covering a called 190.00 acres
Michael Gaskill, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	991	518	Oil and Gas Lease covering a called 190.00 acres
Patricia Sharp, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	991	520	Oil and Gas Lease covering a called 190.00 acres
Christopher Gaskill, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	991	891	Oil and Gas Lease covering a called 190.00 acres
Judy Prichard, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	992	40	Oil and Gas Lease covering a called 190.00 acres
Regina Brainard, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	992	179	Oil and Gas Lease covering a called 190.00 acres
Dr. Billy Gaskill, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	992	321	Oil and Gas Lease covering a called 190.00 acres
Donna Herrmann, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	992	474	Oil and Gas Lease covering a called 190.00 acres
Randy Tetrick, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	992	476	Oil and Gas Lease covering a called 190.00 acres
Diana Winters, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	992	478	Oil and Gas Lease covering a called 190.00 acres
Donna Valero, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	993	967	Oil and Gas Lease covering a called 190.00 acres
Rick J. Herbst, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	993	971	Oil and Gas Lease covering a called 190.00 acres
Barry Munday, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	994	1	Oil and Gas Lease covering a called 190.00 acres
Lloyd Tetrick, Attorney in Fact on behalf of Clifford M. Tetrick, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	994	286	Oil and Gas Lease covering a called 190.00 acres
Ronald Tetrick, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	994	851	Oil and Gas Lease covering a called 190.00 acres
Roger Harbert, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	994	853	Oil and Gas Lease covering a called 190.00 acres
G. Irene Munday, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	995	368	Oil and Gas Lease covering a called 190.00 acres
Judy Maley, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	995	605	Oil and Gas Lease covering a called 190.00 acres
William Tracy Herbst, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	995	607	Oil and Gas Lease covering a called 190.00 acres

Lois Moore, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	996	423	Oil and Gas Lease covering a called 190.00 acres
Perry Munday, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	996	427	Oil and Gas Lease covering a called 190.00 acres
Melody Vincent, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	996	785	Oil and Gas Lease covering a called 190.00 acres
April Munday, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	997	724	Oil and Gas Lease covering a called 190.00 acres
Betty Bunner, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	997	1013	Oil and Gas Lease covering a called 190.00 acres
Gary Morris, Special Commissioner, in case number 04-C-340, as Lessor	Waco Oil and Gas Co., Inc., as Lessee	1/8th	1003	429	Oil and Gas Lease covering a called 190.00 acres
Waco Oil and Gas Co., Inc.	XTO Energy Inc.		42	37	Assignment of OGL 991-58; 991-126; 991-128; 991-182; 991-409; 991-518; 991-520; 991-891; 992-40; 992-179; 992-321; 992-474; 992-476; 992-478; 993-967; 993-971; 994-1; 994-286; 994-851; 994-853; 995-368; 995-605; 995-607; 996-423; 996-427; 996-785; 997-724; 997-1013; 103-429

RECEIVED  
Office of Oil and Gas

DEC 14 2012

WV Department of  
Environmental Protection



July 25, 2012

Office of Oil & Gas  
WVDEP  
601 57<sup>th</sup> Street  
Charleston, WV 25304

Re: Rights to Drill Under Road – Four States Unit A 2H & 6H

To Whom It May Concern:

Based on extended research by XTO Energy's Land Department, our contractors and 3<sup>rd</sup> party title attorneys, we have all necessary mineral rights under Marion County Route 44, 44/4, 44/5, & 44/8, in the location of our planned well bore's for the Four States Unit A 2H and Four States Unit A 6H.

Sincerely,

A handwritten signature in black ink, appearing to read 'V. Quevedo'.

Vidal Quevedo  
Senior Landman  
XTO Energy, Inc.  
810 Houston St.  
Fort Worth, TX 76102

RECEIVED  
Office of Oil and Gas

SEP 13 2012

WV Department of  
Environmental Protection

08/27/2021