



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

PERMIT MODIFICATION APPROVAL

October 07, 2013

XTO ENERGY, INC.
810 HOUSTON STREET
FORT WORTH , TX 76102

Re: Permit Modification Approval for API Number 4902221 , Well #: FOUR STATES UNIT A 11
changed bottom hole

Oil and Gas Operator:

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

Please call James Martin at 304-926-0499, extension 1654 if you have any questions.

Sincerely,

for 
Gene Smith
Regulatory/Compliance Manager
Office of Oil and Gas



49-2221 MOD

WV DEP
Office of Oil & Gas
Attn: Permitting
601 57th Street
Charleston, WV 25304

May 28, 2013

RE: Four States Unit A 1H – Revised Plat

To Whom It May Concern:

Enclosed is a revised plat for our Four States Unit A 1H well, API 47-049-02221. The revised plat shows a revision to our original intended wellbore. The revision was necessary due to our Four States Unit A 7H well, API 47-049-02223 shifting further to the north than intended during drilling. All affected wellbores will remain on the same leases that they were permitted through.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tim Sands'.

Tim Sands
Regulatory Compliance Technician
XTO Energy, Inc.
PO Box 1008
Jane Lew, WV 26378
Tim_Sands@xtoenergy.com
304-884-6036

Received

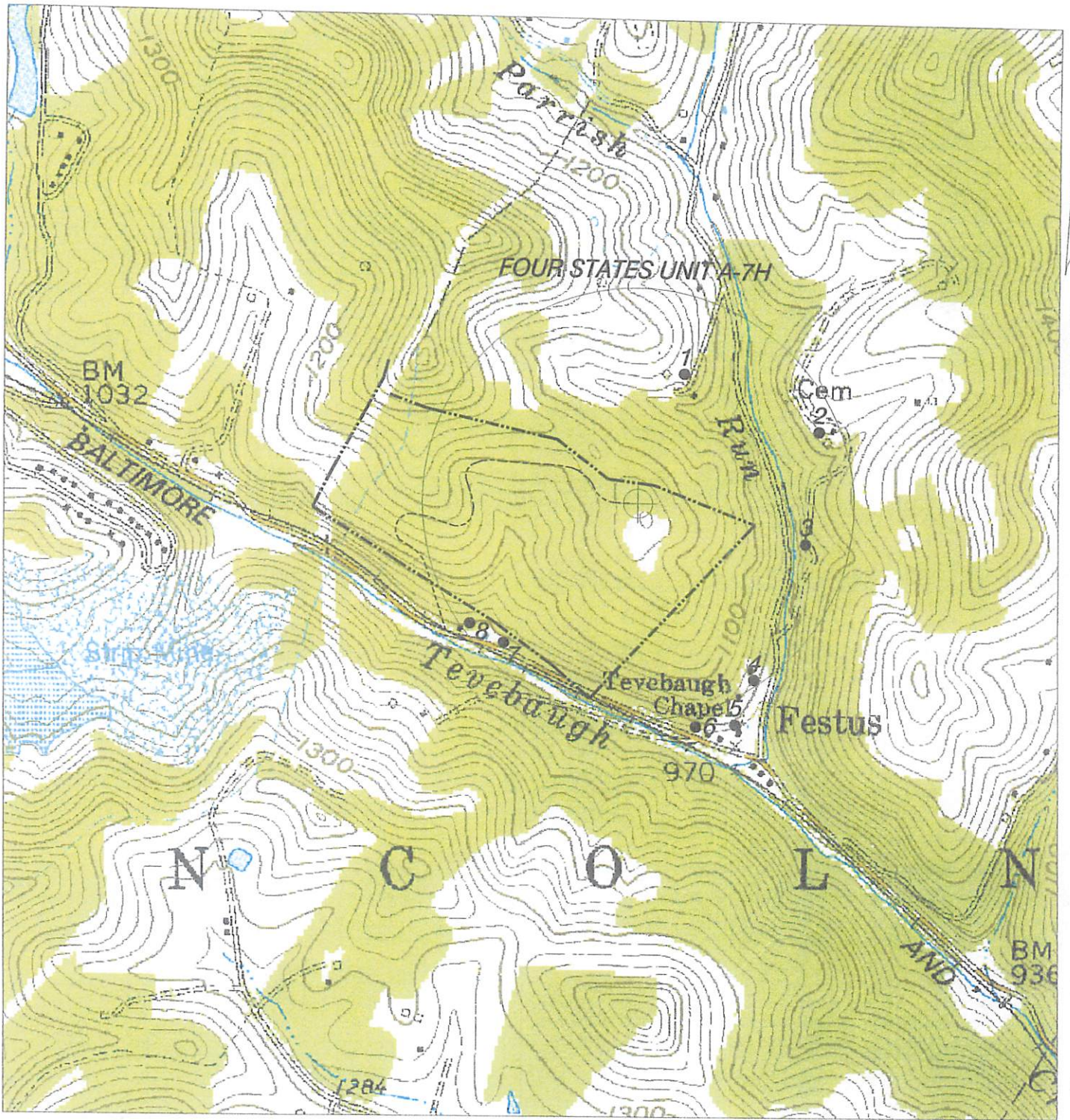
MAY 31 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

10/11/2013

XTO ENERGY INC. FOUR STATES UNIT A-7H Water

49-2221



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

10/11/2013

RECEIVED
OFFICE OF THE
MAY 09 2012
Water Management
Division

FOUR STATES UNIT A 1H (47-049-02221) REVISED

FOUR STATES UNIT
A-1H
BOTTOM HOLE
STATE PLANE
COORDINATES
NORTH ZONE
(N) 359404
(E) 1774195

FOUR STATES UNIT
A-1H
BOTTOM HOLE
L & L DECIMAL
39.48402
80.30002

FOUR STATES UNIT
A-1H
BOTTOM HOLE
UTM (NAD 83)
4370734
560214

FOUR STATES UNIT A-1H
STATE PLANE
COORDINATES
NORTH ZONE
(N) 356299
(E) 1778884

FOUR STATES UNIT
A-1H
L & L DECIMAL
39.47558
80.29040

FOUR STATES UNIT
A-1H
UTM (NAD 83)
4369801
561049

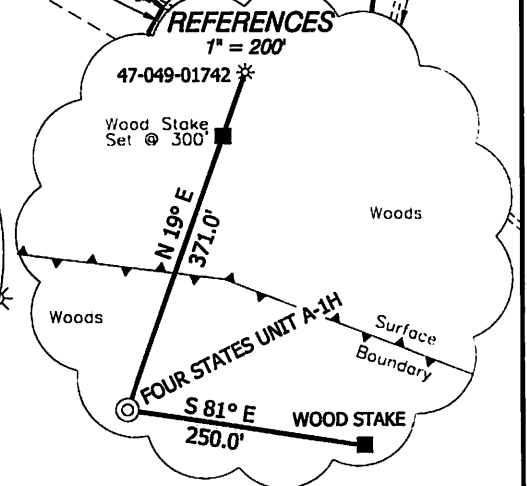
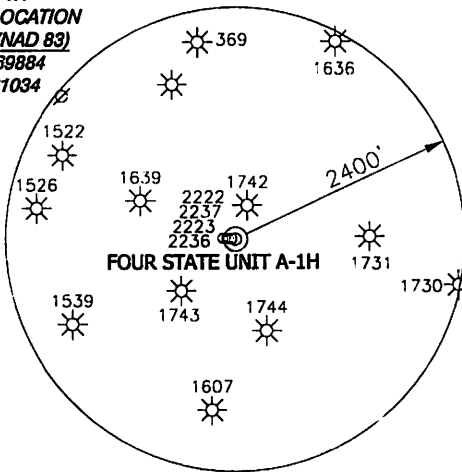
FOUR STATES UNIT
A-1H
TURN LOCATION
STATE PLANE
COORDINATES
NORTH ZONE
(N) 356572
(E) 1778839

FOUR STATES UNIT
A-1H
TURN LOCATION
L & L DECIMAL
39.47630
80.29057

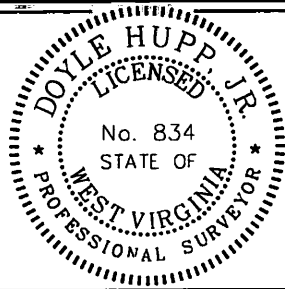
FOUR STATES UNIT
A-1H
TURN LOCATION
UTM (NAD 83)
4369884
561034

NOTES ON SURVEY

TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.
LEAST 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 AUGUST, 2011 AND INFORMATION PROVIDED BY XTO ENERGY INC.
WELL LAT./LONG. ESTABLISHED BY SG-GPS. ORIGINAL PLAT DATE OF MARCH 8, 2012.



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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE MAY 16, 20 13
OPERATORS WELL NO. FOUR STATES UNIT A-1H
REVISED MOD
API WELL NO. 47-049-02221 H6A
STATE COUNTY PERMIT

P.S. 834

HUPP Surveying & Mapping
P.O. Box 647 Grantsville, WV 26147
(304) 354-7035 EMAIL: hupp@frontiernet.net

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 216.41± **10/11/2013**
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- 7,750' MD- 14,000'

WELL OPERATOR XTC 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