

**BRENNAN UNIT A 6H**  
 BOTTOM HOLE  
 STATE PLANE  
 COORDINATES  
 NORTH ZONE  
 (N) 369467  
 (E) 1773428

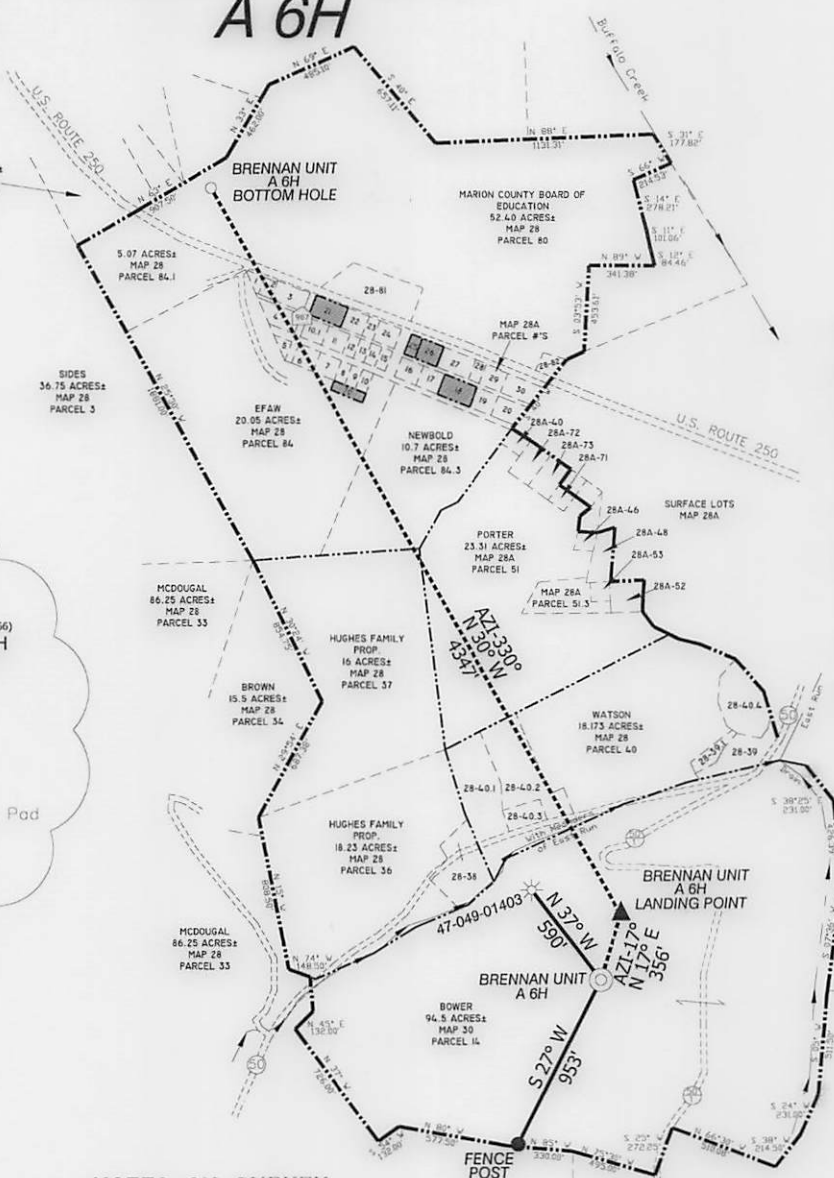
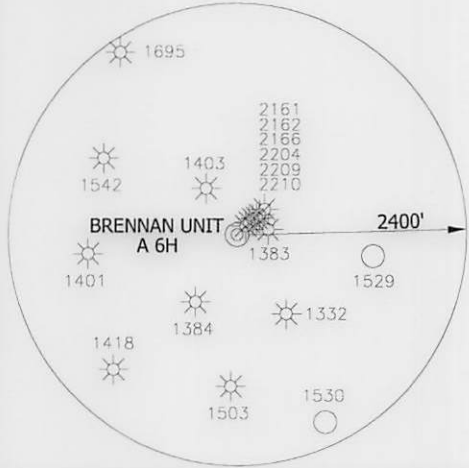
**BRENNAN UNIT A 6H**  
 BOTTOM HOLE  
 L & L DECIMAL  
 39.51162  
 80.30306

**BRENNAN UNIT A 6H**  
 BOTTOM HOLE  
 UTM (NAD 83)  
 4373796  
 559929

# BRENNAN UNIT A 6H



### REFERENCES



### 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 968 AT PAGE 1018 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. 2011.

■ - NOT PART OF UNIT

**BRENNAN UNIT A 6H**  
 STATE PLANE  
 COORDINATES  
 NORTH ZONE  
 (N) 365341  
 (E) 1775462

**BRENNAN UNIT A 6H**  
 L & L DECIMAL  
 39.50035  
 80.29572

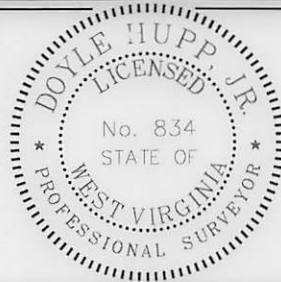
**BRENNAN UNIT A 6H**  
 UTM (NAD 83)  
 4372549  
 560570

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

*Doyle Hupp Jr.*

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



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE APRIL 6, 20 12

OPERATORS WELL NO. BRENNAN UNIT A 6H

API WELL NO. 47-049-02220H6A

STATE            COUNTY            PERMIT           

**CANCELLED**

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. W1745 (BK49-2)

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 1,256' WATERSHED EAST RUN

DISTRICT LINCOLN COUNTY MARION QUADRANGLE MANNINGTON 7.5'

SURFACE OWNER RICHARD & JOCELYN BOWER ACREAGE 94.5±

ROYALTY OWNER JOHN E. BRENNAN, et al LEASE ACREAGE 237.73±

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- 7,820' MD-13,000'

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



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**west virginia** department of environmental protection

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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](http://www.dep.wv.gov)

February 09, 2016

**FINAL INSPECTION REPORT**

**Well Permit Cancelled**

XTO ENERGY, INC.,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-4902220, issued to XTO ENERGY, INC., and listed below has been received in this office. The permit has been cancelled as of 2/3/2016.

James Martin  
Chief

Operator: XTO ENERGY, INC.  
Operator's Well No: BRENNAN UNIT A 6H  
Farm Name: BOWER, RICHARD AND JOCELY  
**API Well Number: 47-4902220**  
Date Issued: 06/22/2012

Date Cancelled: 02/03/2016

**Promoting a healthy environment.**

*Cancel*

**INSPECTORS PERMIT SUMMARY FORM**

GPS YES [ ] NO [ ]

DATE STARTED/LOCATION: \_\_\_\_\_ OPERATOR: XTO ENERGY, INC.  
 DRILLING COMMENCED: \_\_\_\_\_ FARM: BOWER, RICHARD AND JOCELYN  
 TO DATE: \_\_\_\_\_ DEPTHS: \_\_\_\_\_ Well No: BRENNAN UNIT A 6H  
 WATER DEPTHS: \_\_\_\_\_ COAL DEPTHS \_\_\_\_\_

QUESTIONS FOR THIS REPORT ARE IN ACCORDANCE OF WV CODE 22-6-30 AND REGULATIONS 35CSR 4-12.1 AND 35CSR 4-16 AND THE GENERAL WATER POLLUTION CONTROL PERMIT.

**POINTS ARE TO BE GIVEN UP TO MAXIMUM AS SHOWN BASED ON PERFORMANCE.**

1. ~~DID~~ OPERATOR GIVE PROPER NOTICE TO INSPECTOR BEFORE THE FOLLOWING:
- A. CONSTRUCTION YES [ ] NO [ ] (2\_PTS) (4\_PTS) \_\_\_\_\_
  - B. DRILLING YES [ ] NO [ ] (2\_PTS)
2. WAS THE TIMBER CUT, STACKED, AND BRUSH USED FOR SEDIMENT BARRIERS BEFORE DIRT WORK STARTED? YES [ ] NO [ ] (2\_PTS) (4\_PTS) \_\_\_\_\_
3. ARE ALL LOCATION AND/OR ROAD BANKS BEING SLOPED? YES [ ] NO [ ] (4\_PTS) (4\_PTS) \_\_\_\_\_
4. CONSTRUCTIONS:  
 WERE THE FOLLOWING SEDIMENT CONTROL STRUCTURES PROPERLY INSTALLED/MAINTAINED?
- A. ROAD DITCHES (1)\_ (2)\_ (3)\_ (4)\_ (PTS) B. CROSS DRAINS (1)\_ (2)\_ (3)\_ (4)\_ (5)\_ (PTS)
  - C. CULVERTS (1)\_ (2)\_ (3)\_ (4)\_ (5)\_ (PTS) D. CREEK CROSSINGS (1)\_ (2)\_ (3)\_ (PTS)
  - E. DIVERSION DITCHES (1)\_ (2)\_ (3)\_ (PTS) F. BARRIERS (1)\_ (2)\_ (3)\_ (PTS)
  - G. TEMPORARY SEEDING YES [ ] NO [ ] (10\_PTS)

POINTS AVAILABLE FOR QUESTION 4: (33\_PTS) \_\_\_\_\_

5. HAS TOP SOIL (IF ANY) BEEN STOCKED PILED? YES [ ] NO [ ] (2\_PTS) (2\_PTS) \_\_\_\_\_
6. IS THE PIT PROPERLY INSTALLED AND MAINTAINED? YES [ ] NO [ ] (9\_PTS) (9\_PTS) \_\_\_\_\_
7. RECLAMATION:
- A. ROADWAY (1)\_ (2)\_ (3)\_ (PTS) B. LOCATION (1)\_ (2)\_ (3)\_ (PTS)
  - C. PITS (1)\_ (2)\_ (3)\_ (PTS) D. PIPELINES (1)\_ (2)\_ (3)\_ (PTS)
  - E. TANK DIKES (1)\_ (2)\_ (3)\_ (PTS) F. API INSTALLED YES [ ] NO [ ] (3\_PTS)
  - ~~G. ADEQUATE SEEDING MATERIALS (1)\_ (2)\_ (3)\_ (PTS)~~
  - H. WAS SEED BED ADEQUATE (1)\_ (2)\_ (3)\_ (PTS)

POINTS AVAILABLE FOR QUESTION 7: (24\_PTS) \_\_\_\_\_

8. WAS RECLAMATION COMPLETED WITHIN:  
 6 MTHS OF TD 6\_PTS ONLY; 4 MTHS OF TD 12\_PTS ONLY; 2 MTHS OF TD 19\_PTS ONLY;
- POINTS AVAILABLE FOR QUESTION 8: (19\_PTS) \_\_\_\_\_

TOTAL MAXIMUM POSSIBLE SCORE OF 99.

TOTAL RECLAMATION SCORE: \_\_\_\_\_

2-3-16  
DATE RELEASED

*[Signature]*  
INSPECTOR'S SIGNATURE

RECORD INSPECTIONS TO THIS WELL ON PAGE 2

Received  
Office of Oil & Gas  
FEB 08 2016